



Appendix F. Sim-Tx SAR consideration

F.1 Sim-Tx Configuration

<Close mode>

Exposure Condition	Mode	Capable TX Configurations	WWAN Power	WiFi Power	BT / Thread Power
Head	WWAN Standalone	WWAN	Index2		
	WiFi Standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index1		
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G MIMO (Ant3+4)			
		WiFi 6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)			
	WiFi + BT / Thread	WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index1		Index1
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index2		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)			
	WWAN + BT / Thread	WWAN + Bluetooth / Thread (Ant4)	Index3		Index1
		WWAN + Bluetooth (Ant3)			
		WWAN + Bluetooth (Ant4+3)			
	WWAN + WiFi + BT / Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index2		Index1
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)					
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)					
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)					
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)					
Body	WWAN Standalone	WWAN	Index5		
	WiFi Standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index3		
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G MIMO (Ant3+4)			
		WiFi 6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)			
	BT / Thread standalone	Bluetooth / Thread (Ant4)			Index4
		Bluetooth (Ant3)			
		Bluetooth (Ant4+3)			
	WiFi + BT / Thread	WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index3		Index3
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)			



		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)	Index6				
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)					
	WWAN + WiFi			WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index4	Index4	
				WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
				WWAN + WiFi 5G MIMO (Ant3+4)			
				WWAN + WiFi 6E MIMO (Ant3+4)			
				WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
				WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
				WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)			
				WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)			
	WWAN + BT / Thread			WWAN + Bluetooth / Thread (Ant4)	Index6		Index3
				WWAN + Bluetooth (Ant3)			
				WWAN + Bluetooth (Ant4+3)			
	WWAN + WiFi + BT / Thread			WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index4	Index4	Index2
				WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
				WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)			
				WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)			
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)							
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)							
Hotspot	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index4	Index4			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)					
		WWAN + WiFi 5G MIMO (Ant3+4)					
		WWAN + WiFi 6E MIMO (Ant3+4)					
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)					
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)					
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)					
	WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)						
	WWAN + BT / Thread			WWAN + Bluetooth / Thread (Ant4)	Index4		Index2
				WWAN + Bluetooth (Ant3)			
				WWAN + Bluetooth (Ant4+3)			
	WWAN + WiFi + BT / Thread			WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index4	Index4	Index2
				WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
				WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)			
				WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)			
				WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)			
	WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)						



<Open Mode>

Exposure Condition	Mode	Capable TX Configurations	WWAN Power	WiFi Power	BT / Thread Power
Head	WWAN Standalone	WWAN	Index7		
	WiFi Standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index5	Index5	Index5
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G MIMO (Ant3+4)			
		WiFi 6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
	WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)				
	WiFi + BT / Thread	WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index5	Index5	
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)			
	WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)				
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index7	Index5	Index5
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)			
	WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)				
	WWAN + BT / Thread	WWAN + Bluetooth / Thread (Ant4) (BDR/EDR + BLE)	Index7	Index5	
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)			
	WWAN + WiFi + BT / Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index5	Index5	
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)					
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)					
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)					
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)					
Body	WWAN Standalone	WWAN	Index10		
	WiFi Standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index8	Index8	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G MIMO (Ant3+4)			
		WiFi 6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)			
	WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)				
	BT / Thread standalone	Bluetooth / Thread (Ant4)	Index8	Index8	
		Bluetooth (Ant3)			
		Bluetooth (Ant4+3)			
	WiFi + BT / Thread	WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index8	Index7	
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)			
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)			
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)			
	WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)				
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index11	Index9	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			

		WWAN + WiFi 5G MIMO (Ant3+4)	Index9	
		WWAN + WiFi 6E MIMO (Ant3+4)		
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)		
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)		
	WWAN + BT / Thread	WWAN + Bluetooth / Thread (Ant4)	Index7	
		WWAN + Bluetooth (Ant3)		
		WWAN + Bluetooth (Ant4+3)		
	WWAN + WiFi + BT / Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index9	Index6
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)		
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)		
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)		
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)		
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)		
Hotspot	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index9	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)		
		WWAN + WiFi 5G MIMO (Ant3+4)		
		WWAN + WiFi 6E MIMO (Ant3+4)		
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)		
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)		
	WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)			
	WWAN + BT / Thread	WWAN + Bluetooth / Thread (Ant4)	Index6	
		WWAN + Bluetooth (Ant3)		
		WWAN + Bluetooth (Ant4+3)		
	WWAN + WiFi + BT / Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth / Thread (Ant4)	Index9	Index6
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)		
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)		
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth / Thread (Ant4)		
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)				
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)				

General Note:

1. This device WLAN 2.4GHz / 5.2GHz / 5.8GHz and 6GHz VLP supports Hotspot operation and Bluetooth support tethering applications.
2. The worst case reported SAR from each transmit antennas were using for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission configuration.
3. The NFC mainly operate in hand-held extremity condition; therefore, the NFC Sim-Tx analysis was including in section F6.
4. The SAR summation is calculated based on the same exposure configuration and test position from each transmit antenna worst case reported SAR results.
5. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) Scalar SAR summation < 1.6W/kg.
 - ii) $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.



F.2 5G NR + LTE + WLAN + BT Sim-Tx analysis

Samsung proprietary TAS feature manages transmitting power effectively in real time and ensures that overall average RF exposure from 3G/4G/5G NR WWAN including NTN, 5G NR EN-DC, 5G NR NRDC and LTE/FR1 intra-band/inter-band uplink CA are in compliance with RF Exposure requirements, while the RF exposure from 2G radios is managed using the legacy approach, i.e., through a fixed power back-off if needed. The test device features a TAS function to keep average RF exposure below the given limit for all cases while allowing temporarily high power transmission for better performance.

For the 5G NR EN-DC, the power ratio factors are g1 and g2 for LTE and NR respectively. The purpose of these power ratio factors is to split the available SAR budget among different RATs, so g1 + g2 ≤ 1. The value of g1 is computed based on the need of the anchor (LTE) and can be changed if the anchor changes its power request. Based on the SAR Budget portion allocated to the anchor, the value of g2 will be computed. At steady state (where all RATs are being on for a while), the allocated power ratio factors will guarantee that the total exposure ratio never exceeds the highest exposure of either one.

g1* LTEexposure + g2* NRexposure ≤ 1.0,

then, g1* LTEexposure + g2* NRexposure ≤ max (LTEexposure , NRexposure)

In simultaneous transmission for this device, 5G NR and LTE transmission are managed and controlled by Samsung S.LSI TAS, while the RF exposure from WLAN, BT, Thread, UWB radios are managed using legacy approach, therefore, compliance of simultaneous transmission of LTE + 5G NR + WiFi + BT/Thread/UWB + NFC can be justified from the compliance of LTE + WiFi + BT/Thread/UWB + NFC and 5G NR + WiFi + BT/Thread/UWB + NFC.

The device also enabled Samsung Spatial TAS to improve antenna performance by applying separate SAR budgets to each predefined antenna group. There are three predefined antenna groups of AG0(Ant0, Ant6), AG1(Ant1,Ant5), AG2(Ant2),. Each antenna group is spatially separated to others. Simultaneous transmission analysis is performed per antenna group. Below analysis demonstrates the spatially separation of AG0, AG1, AG2 and the compliance between AG0 and BT/WLAN/NFC/Thread, between AG1 and BT/WLAN/NFC/Thread, between AG2 and BT/WLAN/NFC/Thread. The NTN wireless technology is not applied for Spatial TAS with other antenna groups.

Thus, the concept was to split the SAR/TER on the transmitting RATs even they are transmitting on different antennas. Such approach is considered as a worst case scenario in terms of transmitting power. Thus, to enhance the performance of the transmission power of RATs, consider the spatial properties of each antenna and the correlations between the antennas transmissions.

Table with 5 columns: Group Antenna, AG0 (Ant 0, Ant 6), AG1 (Ant 1, Ant 5), AG2 (Ant 2), external radio (WLAN/BT/Thread/NFC/UWB)

The verification of spatial separation of the antenna groups is demonstrated through the following steps, together with WIF/BT simultaneous transmission analysis results.

- i) The highest reported SAR at Plimit (or Pmax when Plimit > Pmax) for each antenna should be obtained out of all supported technologies and frequency bands for each power index. Demonstrate that the sum of reported SAR of one antenna from each of the antenna groups and the sum of RF exposure from all supported radios outside of TAS feature should be less than the regulatory limit as given below for each power index.
ii) If the sum of SAR from step i) is over 1.6 W/kg for 1g, demonstrate for a given power index that every antenna from one antenna group meets SPLSR criteria with every antenna in another antenna group for all frequency bands. SPLSR criteria must be demonstrated for all antenna pair combinations irrespective of supported simultaneous transmission scenarios, SPLSR Hotspot combination procedure (Hybrid SPLSR) also be considered for simultaneous transmission analysis.
iii) If SPLSR evaluation and analysis is needed to determine compliance for a certain power index configuration, SPLSR is performed by taking the highest summation SAR for each of the supported technologies and bands per antenna, along with the minimum of peak SAR location distance. The minimum of peak location distance is documented in the Highest Report SAR and Hotspot Location below for each power index configuration.
iv) In section F.6 SPLSR analysis only evaluation Sim-Tx SAR configuration are rounded to two decimal higher or equal to 1.6W/kg.
v) The analysis addresses the simultaneous transmission and the transition among non-simultaneous transmission radios



F.3 Head Sim-Tx analysis

<WWAN Index 2 Close Mode>

Exposure Position	0	1	2	3	4	0+1 Summed 1g SAR (W/kg)	0+2 Summed 1g SAR (W/kg)	0+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	Maximum WWAN_Ant 0 1g SAR (W/kg)	Maximum WWAN_Ant 1 1g SAR (W/kg)	Maximum WWAN_Ant 2 1g SAR (W/kg)	Maximum WWAN_Ant 5 1g SAR (W/kg)	Maximum WWAN_Ant 6 1g SAR (W/kg)								
Right Cheek	0.533	0.340	0.183	0.790	0.635	0.873	0.716	1.323	0.523	0.975	0.973	0.818	1.425
Right Tilted	0.211	0.535	0.131	0.310	0.172	0.746	0.342	0.521	0.666	0.707	0.441	0.303	0.482
Left Cheek	0.200	0.965	0.170	0.653	0.199	1.165	0.370	0.853	1.135	1.164	0.823	0.369	0.852
Left Tilted	0.174	0.600	0.163	0.344	0.234	0.774	0.337	0.518	0.763	0.834	0.507	0.397	0.578

<WWAN Index 7 Open Mode>

Exposure Position	0	1	2	3	4	0+1 Summed 1g SAR (W/kg)	0+2 Summed 1g SAR (W/kg)	0+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	Maximum WWAN_Ant 0 1g SAR (W/kg)	Maximum WWAN_Ant 1 1g SAR (W/kg)	Maximum WWAN_Ant 2 1g SAR (W/kg)	Maximum WWAN_Ant 5 1g SAR (W/kg)	Maximum WWAN_Ant 6 1g SAR (W/kg)								
Right Cheek	0.354	0.837	0.220	0.360	0.203	1.191	0.574	0.714	1.057	1.040	0.580	0.423	0.563
Right Tilted	0.397	0.848	0.188	0.317	0.142	1.245	0.585	0.714	1.036	0.990	0.505	0.330	0.459
Left Cheek	0.475	0.462	0.232	0.833	0.412	0.937	0.707	1.308	0.694	0.874	1.065	0.644	1.245
Left Tilted	0.368	0.474	0.154	0.167	0.260	0.842	0.522	0.535	0.628	0.734	0.321	0.414	0.427



<WLAN Index 1, BT Index 1, Thread Index 1 Close Mode>

Exposure Position	3	4	5	6	7	8	9	10	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 1g SAR (W/kg)	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)	6+10 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	Thread Ant 4							
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
Right Cheek	0.604	0.129	0.754	0.786	0.194	0.144	0.252	0.190	0.980	0.930	1.038	1.390	0.915	1.540	0.976
Right Tilted	0.709	0.136	0.621	0.788	0.338	0.079	0.322	0.337	1.126	0.867	1.110	1.497	0.924	1.409	1.125
Left Cheek	0.455	0.195	0.431	0.790	0.162	0.166	0.237	0.160	0.952	0.956	1.027	1.245	0.985	1.221	0.950
Left Tilted	0.458	0.064	0.543	0.427	0.258	0.001	0.341	0.256	0.685	0.428	0.768	0.885	0.491	0.970	0.683

<WLAN Index 5, BT Index 5 Open Mode>

Exposure Position	3	4	5	6	7	8	9	10	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 1g SAR (W/kg)	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)	6+10 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	Thread Ant 4							
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
Right Cheek	0.067	0.015	0.080	0.062	0.071	0.189	0.118	0.125	0.133	0.251	0.180	0.129	0.077	0.142	0.187
Right Tilted	0.115	0.001	0.147	0.093	0.137	0.175	0.181	0.170	0.230	0.268	0.274	0.208	0.094	0.240	0.263
Left Cheek	0.098	0.009	0.094	0.147	0.150	0.197	0.119	0.152	0.297	0.344	0.266	0.245	0.156	0.241	0.299
Left Tilted	0.166	0.003	0.192	0.199	0.182	0.077	0.192	0.183	0.381	0.276	0.391	0.365	0.202	0.391	0.382



F.4 Hotspot Sim-Tx analysis

<WWAN Index 4 Close Mode>

Exposure Position	0	1	2	3	4	0+1 Summed 1g SAR (W/kg)	0+2 Summed 1g SAR (W/kg)	0+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)	0+1 SPLSR	0+1 Case No
	Maximum WWAN_Ant 0	Maximum WWAN_Ant 1	Maximum WWAN_Ant 2	Maximum WWAN_Ant 5	Maximum WWAN_Ant 6										
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)										
Front at 10mm	0.403	0.415	0.288	0.349	0.525	0.818	0.691	0.752	0.703	0.940	0.637	0.813	0.874		
Back at 10mm	0.638	0.819	0.662	0.747	0.673	1.457	1.300	1.385	1.481	1.492	1.409	1.335	1.420		
Right Edge at 10mm	0.825	0.829	0.215	0.321	0.532	1.654	1.040	1.146	1.044	1.361	0.536	0.747	0.853	0.02	Case 210
Top Edge at 10mm		0.680				0.680	0.000	0.000	0.680	0.680	0.000	0.000	0.000		
Bottom Edge at 10mm	0.322		0.839		0.546	0.322	1.161	0.322	0.839	0.546	0.839	1.385	0.546		

<WWAN Index 9 Open Mode>

Exposure Position	0	1	2	3	4	0+1 Summed 1g SAR (W/kg)	0+2 Summed 1g SAR (W/kg)	0+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)	0+1 SPLSR	0+1 Case No
	Maximum WWAN_Ant 0	Maximum WWAN_Ant 1	Maximum WWAN_Ant 2	Maximum WWAN_Ant 5	Maximum WWAN_Ant 6										
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)										
Front at 10mm	0.671	0.803	0.667	0.679	0.627	1.474	1.338	1.350	1.470	1.430	1.346	1.294	1.306		
Back at 10mm	0.540	0.640	0.575	0.689	0.570	1.180	1.115	1.229	1.215	1.210	1.264	1.145	1.259		
Right Edge at 10mm	0.830	0.839	0.204	0.165	0.503	1.669	1.034	0.995	1.043	1.342	0.369	0.707	0.668	0.02	Case 1
Top Edge at 10mm		0.624				0.624	0.000	0.000	0.624	0.624	0.000	0.000	0.000		
Bottom Edge at 10mm	0.432		0.846		0.377	0.432	1.278	0.432	0.846	0.377	0.846	1.223	0.377		



<WWAN Index 4, WLAN Index 4, BT Index 2, Thread Index 2 Close Mode>

Table with columns: WWAN 1, WWAN 2, Exposure Position, WWAN 1, WWAN 2, WLAN 2.4GHz Ant 4, WLAN 2.4GHz Ant 3, WLAN 2.4GHz Ant 4+3, WLAN 5.8GHz Ant 4+3, Bluetooth/Thread Ant 4, Bluetooth Ant 3, Bluetooth Ant 4+3, 1+2+3+6 Summed 1g SAR (W/kg), 1+2+4+6 Summed 1g SAR (W/kg), 1+2+5+6 Summed 1g SAR (W/kg), 1+2+5+7 Summed 1g SAR (W/kg), 1+2+5+8 Summed 1g SAR (W/kg), 1+2+5+9 Summed 1g SAR (W/kg), 1+2+3+6 SPLSR Case No, 1+2+3+6 Case No, 1+2+4+6 SPLSR Case No, 1+2+4+6 Case No, 1+2+5+6 SPLSR Case No, 1+2+5+6 Case No, 1+2+6+7 SPLSR Case No, 1+2+6+7 Case No, 1+2+6+8 SPLSR Case No, 1+2+6+8 Case No, 1+2+6+9 SPLSR Case No, 1+2+6+9 Case No.



<WWAN Index 9, WLAN Index 9, BT Index 6, Thread Index 6 Open Mode>

WWAN 1	WWAN 2	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)	1+2+3+6 SPLSR	1+2+3+6 Case No	1+2+4+6 SPLSR	1+2+4+6 Case No	1+2+5+6 SPLSR	1+2+5+6 Case No	1+2+6+7 SPLSR	1+2+6+7 Case No	1+2+6+8 SPLSR	1+2+6+8 Case No	1+2+6+9 SPLSR	1+2+6+9 Case No		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																
Ant 0	Ant 1	Front	0.671	0.803	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.969	1.897	2.037	2.068	2.087	2.085	0.03	Case 91	0.04	Case 92	0.04	Case 93	0.04	Case 94	0.04	Case 95	0.04	Case 96		
		Back	0.540	0.640	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.450	1.408	1.554	1.570	1.563	1.612												0.04	Case 97	
		Right side	0.830	0.839	0.001	0.054	0.120	0.286	0.001	0.330	0.109	1.956	2.009	2.075	1.956	2.285	2.064			0.03	Case 98	0.04	Case 99	0.04	Case 100	0.03	Case 101	0.04	Case 102	0.04	Case 103
		Top side		0.624	0.155		0.343	0.266	0.361		0.369	1.045	0.890	1.233	1.251	0.890	1.259														
		Bottom side	0.432									0.432	0.432	0.432	0.432	0.432	0.432														
Ant 0	Ant 2	Front	0.671	0.667	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.833	1.761	1.901	1.932	1.951	1.949	0.03	Case 104	0.03	Case 105	0.03	Case 106	0.03	Case 107	0.04	Case 108	0.04	Case 109		
		Back	0.540	0.575	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.385	1.343	1.489	1.505	1.498	1.547														
		Right side	0.830	0.204	0.001	0.054	0.120	0.286	0.001	0.330	0.109	1.321	1.374	1.440	1.321	1.650	1.429									0.03	Case 110				
		Top side			0.155		0.343	0.266	0.361		0.369	0.421	0.266	0.609	0.627	0.266	0.635														
		Bottom side	0.432	0.846								1.278	1.278	1.278	1.278	1.278	1.278														
Ant 0	Ant 5	Front	0.671	0.679	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.845	1.773	1.913	1.944	1.963	1.961	0.04	Case 111	0.04	Case 112	0.04	Case 113	0.04	Case 114	0.04	Case 115	0.04	Case 116		
		Back	0.540	0.689	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.499	1.457	1.603	1.619	1.612	1.661					0.03	Case 117	0.03	Case 118	0.03	Case 119	0.03	Case 120		
		Right side	0.830	0.165	0.001	0.054	0.120	0.286	0.001	0.330	0.109	1.282	1.335	1.401	1.282	1.611	1.390										0.02	Case 121			
		Top side			0.155		0.343	0.266	0.361		0.369	0.421	0.266	0.609	0.627	0.266	0.635														
		Bottom side	0.432									0.432	0.432	0.432	0.432	0.432	0.432														
Ant 1	Ant 2	Front	0.803	0.667	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.965	1.893	2.033	2.064	2.083	2.081	0.02	Case 122	0.03	Case 123	0.03	Case 124	0.03	Case 125	0.03	Case 126	0.03	Case 127		
		Back	0.640	0.575	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.485	1.443	1.589	1.605	1.598	1.647							0.02	Case 128	0.02	Case 129	0.02	Case 130		
		Right side	0.839	0.204	0.001	0.054	0.120	0.286	0.001	0.330	0.109	1.330	1.383	1.449	1.330	1.659	1.438									0.03	Case 131				
		Top side	0.624		0.155		0.343	0.266	0.361		0.369	1.045	0.890	1.233	1.251	0.890	1.259														
		Bottom side		0.846								0.846	0.846	0.846	0.846	0.846	0.846														
Ant 1	Ant 6	Front	0.803	0.627	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.925	1.853	1.993	2.024	2.043	2.041	0.03	Case 132	0.04	Case 133	0.04	Case 134	0.04	Case 135	0.04	Case 136	0.04	Case 137		
		Back	0.640	0.570	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.480	1.438	1.584	1.600	1.593	1.642							0.02	Case 138			0.03	Case 139		
		Right side	0.839	0.503	0.001	0.054	0.120	0.286	0.001	0.330	0.109	1.629	1.682	1.748	1.629	1.958	1.737	0.02	Case 140	0.03	Case 141	0.03	Case 142	0.02	Case 143	0.03	Case 144	0.03	Case 145		
		Top side	0.624		0.155		0.343	0.266	0.361		0.369	1.045	0.890	1.233	1.251	0.890	1.259														
		Bottom side		0.377								0.377	0.377	0.377	0.377	0.377	0.377														
Ant 2	Ant 5	Front	0.667	0.679	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.841	1.769	1.909	1.940	1.959	1.957	0.03	Case 146	0.03	Case 147	0.03	Case 148	0.03	Case 149	0.04	Case 150	0.04	Case 151		
		Back	0.575	0.689	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.534	1.492	1.638	1.654	1.647	1.696					0.03	Case 152	0.02	Case 153	0.02	Case 154	0.03	Case 155		
		Right side	0.204	0.165	0.001	0.054	0.120	0.286	0.001	0.330	0.109	0.656	0.709	0.775	0.656	0.985	0.764														
		Top side			0.155		0.343	0.266	0.361		0.369	0.421	0.266	0.609	0.627	0.266	0.635														
		Bottom side	0.846									0.846	0.846	0.846	0.846	0.846	0.846														
Ant 2	Ant 6	Front	0.667	0.627	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.789	1.717	1.857	1.888	1.907	1.905	0.04	Case 156	0.04	Case 157	0.04	Case 158	0.04	Case 159	0.04	Case 160	0.04	Case 161		
		Back	0.575	0.570	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.415	1.373	1.519	1.535	1.528	1.577														
		Right side	0.204	0.503	0.001	0.054	0.120	0.286	0.001	0.330	0.109	0.994	1.047	1.113	0.994	1.323	1.102														
		Top side			0.155		0.343	0.266	0.361		0.369	0.421	0.266	0.609	0.627	0.266	0.635														
		Bottom side	0.846	0.377								1.223	1.223	1.223	1.223	1.223	1.223														
Ant 5	Ant 6	Front	0.679	0.627	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.801	1.729	1.869	1.900	1.919	1.917	0.04	Case 162	0.04	Case 163	0.04	Case 164	0.04	Case 165	0.04	Case 166	0.04	Case 167		
		Back	0.689	0.570	0.081	0.039	0.185	0.189	0.201	0.194	0.243	1.529	1.487	1.633	1.649	1.642	1.691					0.04	Case 168	0.04	Case 169	0.04	Case 170	0.04	Case 171		
		Right side	0.165	0.503	0.001	0.054	0.120	0.286	0.001	0.330	0.109	0.955	1.008	1.074	0.955	1.284	1.063														
		Top side			0.155		0.343	0.266	0.361		0.369	0.421	0.266	0.609	0.627	0.266	0.635														
		Bottom side		0.377								0.377	0.377	0.377	0.377	0.377	0.377														



F.5 Body-worn Sim-Tx analysis

<WWAN Index 5 Close Mode>

Exposure Position	0	1	2	3	4	0+1 Summed 1g SAR (W/kg)	0+2 Summed 1g SAR (W/kg)	0+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)	0+1 SPLSR	0+1 Case No	1+2 SPLSR	1+2 Case No	1+6 SPLSR	1+6 Case No
	Maximum WWAN_Ant 0 1g SAR (W/kg)	Maximum WWAN_Ant 1 1g SAR (W/kg)	Maximum WWAN_Ant 2 1g SAR (W/kg)	Maximum WWAN_Ant 5 1g SAR (W/kg)	Maximum WWAN_Ant 6 1g SAR (W/kg)														
Front at 10mm	0.474	0.415	0.339	0.349	0.617	0.889	0.813	0.823	0.754	1.032	0.688	0.956	0.966						
Back at 10mm	0.780	0.973	0.778	0.782	0.790	1.753	1.558	1.562	1.751	1.763	1.560	1.568	1.572	0.02	Case 211	0.02	Case 212	0.02	Case 213

<WWAN Index 10 Open Mode>

Exposure Position	0	1	2	3	4	0+1 Summed 1g SAR (W/kg)	0+2 Summed 1g SAR (W/kg)	0+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)	0+1 SPLSR	0+1 Case No	1+2 SPLSR	1+2 Case No	1+6 SPLSR	1+6 Case No
	Maximum WWAN_Ant 0 1g SAR (W/kg)	Maximum WWAN_Ant 1 1g SAR (W/kg)	Maximum WWAN_Ant 2 1g SAR (W/kg)	Maximum WWAN_Ant 5 1g SAR (W/kg)	Maximum WWAN_Ant 6 1g SAR (W/kg)														
Front at 10mm	0.789	0.943	0.792	0.798	0.737	1.732	1.581	1.587	1.735	1.680	1.590	1.529	1.535	0.02	Case 2	0.02	Case 3	0.02	Case 4
Back at 10mm	0.662	0.899	0.691	0.810	0.669	1.561	1.353	1.472	1.590	1.568	1.501	1.360	1.479						



<WWAN Index 6, WLAN Index 4, BT Index 2, Thread Index 2 Close Mode>

WWAN 1	WWAN 2	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+6	1+2+4+6	1+2+5+6	1+2+6+7	1+2+6+8	1+2+6+9	1+2+3+6	1+2+3+6	1+2+4+6	1+2+4+6	1+2+5+6	1+2+5+6	1+2+6+7	1+2+6+7	1+2+6+8	1+2+6+8	1+2+6+9	1+2+6+9	
			WWAN 1	WWAN 2	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	Bluetooth/Thread Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Ant 1	Front	0.403	0.415	0.001	0.001	0.064	0.341	0.048	0.001	0.055	1.160	1.160	1.223	1.207	1.160	1.214													
		Back	0.664	0.828	0.154	0.051	0.250	0.333	0.207	0.199	0.201	1.979	1.876	2.075	2.032	2.024	2.026	0.03	Case 214	0.04	Case 215	0.04	Case 216	0.03	Case 217	0.04	Case 218	0.04	Case 219	
Ant 0	Ant 2	Front	0.403	0.288	0.001	0.001	0.064	0.341	0.048	0.001	0.055	1.033	1.033	1.096	1.080	1.033	1.087													
		Back	0.664	0.662	0.154	0.051	0.250	0.333	0.207	0.199	0.201	1.813	1.710	1.909	1.866	1.858	1.860	0.03	Case 220	0.03	Case 221	0.04	Case 222	0.03	Case 223	0.03	Case 224	0.04	Case 225	
Ant 0	Ant 5	Front	0.403	0.349	0.001	0.001	0.064	0.341	0.048	0.001	0.055	1.094	1.094	1.157	1.141	1.094	1.148													
		Back	0.664	0.677	0.154	0.051	0.250	0.333	0.207	0.199	0.201	1.828	1.725	1.924	1.881	1.873	1.875	0.04	Case 226	0.04	Case 227	0.04	Case 228	0.04	Case 229	0.04	Case 230	0.04	Case 231	
Ant 1	Ant 2	Front	0.415	0.288	0.001	0.001	0.064	0.341	0.048	0.001	0.055	1.045	1.045	1.108	1.092	1.045	1.099													
		Back	0.828	0.662	0.154	0.051	0.250	0.333	0.207	0.199	0.201	1.977	1.874	2.073	2.030	2.022	2.024	0.02	Case 232	0.02	Case 233	0.03	Case 234	0.02	Case 235	0.03	Case 236	0.03	Case 237	
Ant 1	Ant 6	Front	0.415	0.525	0.001	0.001	0.064	0.341	0.048	0.001	0.055	1.282	1.282	1.345	1.329	1.282	1.336													
		Back	0.828	0.789	0.154	0.051	0.250	0.333	0.207	0.199	0.201	2.104	2.001	2.200	2.157	2.149	2.151	0.03	Case 238	0.04	Case 239	0.04	Case 240	0.03	Case 241	0.04	Case 242	0.04	Case 243	
Ant 2	Ant 5	Front	0.288	0.349	0.001	0.001	0.064	0.341	0.048	0.001	0.055	0.979	0.979	1.042	1.026	0.979	1.033													
		Back	0.662	0.677	0.154	0.051	0.250	0.333	0.207	0.199	0.201	1.826	1.723	1.922	1.879	1.871	1.873	0.02	Case 244	0.03	Case 245	0.03	Case 246	0.02	Case 247	0.04	Case 248	0.03	Case 249	
Ant 2	Ant 6	Front	0.288	0.525	0.001	0.001	0.064	0.341	0.048	0.001	0.055	1.155	1.155	1.218	1.202	1.155	1.209													
		Back	0.662	0.789	0.154	0.051	0.250	0.333	0.207	0.199	0.201	1.938	1.835	2.034	1.991	1.983	1.985	0.03	Case 250	0.03	Case 251	0.04	Case 252	0.03	Case 253	0.04	Case 254	0.04	Case 255	
Ant 5	Ant 6	Front	0.349	0.525	0.001	0.001	0.064	0.341	0.048	0.001	0.055	1.216	1.216	1.279	1.263	1.216	1.270													
		Back	0.677	0.789	0.154	0.051	0.250	0.333	0.207	0.199	0.201	1.953	1.850	2.049	2.006	1.998	2.000	0.04	Case 256	0.04	Case 257	0.04	Case 258	0.04	Case 259	0.04	Case 260	0.04	Case 261	

<WWAN Index 11, WLAN Index 9, BT Index 6, Thread Index 6 Open Mode>

WWAN 1	WWAN 2	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+6	1+2+4+6	1+2+5+6	1+2+6+7	1+2+6+8	1+2+6+9	1+2+3+6	1+2+3+6	1+2+4+6	1+2+4+6	1+2+5+6	1+2+5+6	1+2+6+7	1+2+6+7	1+2+6+8	1+2+6+8	1+2+6+9	1+2+6+9
			WWAN 1	WWAN 2	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	Bluetooth/Thread Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Ant 1	Front	0.671	0.803	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.969	1.897	2.037	2.068	2.087	2.085	0.03	Case 5	0.04	Case 6	0.04	Case 7	0.04	Case 8	0.04	Case 9	0.04	Case 10
		Back	0.564	0.765	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.663	1.621	1.767	1.783	1.776	1.825	0.02	Case 11	0.03	Case 12	0.04	Case 13	0.03	Case 14	0.03	Case 15	0.04	Case 16
Ant 0	Ant 2	Front	0.671	0.674	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.840	1.768	1.908	1.939	1.958	1.956	0.03	Case 17	0.03	Case 18	0.03	Case 19	0.03	Case 20	0.04	Case 21	0.04	Case 22
		Back	0.564	0.588	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.486	1.444	1.590	1.606	1.599	1.648	0.04	Case 23	0.04	Case 24	0.04	Case 25	0.04	Case 26	0.04	Case 27	0.04	Case 28
Ant 0	Ant 5	Front	0.671	0.679	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.845	1.773	1.913	1.944	1.963	1.961	0.04	Case 26	0.04	Case 27	0.04	Case 28	0.04	Case 29	0.04	Case 30	0.04	Case 31
		Back	0.564	0.689	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.587	1.545	1.691	1.707	1.700	1.749	0.03	Case 32	0.03	Case 33	0.03	Case 34	0.03	Case 35	0.03	Case 36	0.03	Case 37
Ant 1	Ant 2	Front	0.803	0.674	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.972	1.900	2.040	2.071	2.090	2.088	0.02	Case 36	0.03	Case 37	0.03	Case 38	0.03	Case 39	0.03	Case 40	0.03	Case 41
		Back	0.765	0.588	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.687	1.645	1.791	1.807	1.800	1.849	0.02	Case 42	0.02	Case 43	0.02	Case 44	0.02	Case 45	0.02	Case 46	0.02	Case 47
Ant 1	Ant 6	Front	0.803	0.627	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.925	1.853	1.993	2.024	2.043	2.041	0.03	Case 48	0.04	Case 49	0.04	Case 50	0.04	Case 51	0.04	Case 52	0.04	Case 53
		Back	0.765	0.570	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.669	1.627	1.773	1.789	1.782	1.831	0.02	Case 54	0.03	Case 55	0.03	Case 56	0.02	Case 57	0.02	Case 58	0.03	Case 59
Ant 2	Ant 5	Front	0.674	0.679	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.848	1.776	1.916	1.947	1.966	1.964	0.03	Case 60	0.03	Case 61	0.03	Case 62	0.03	Case 63	0.03	Case 64	0.04	Case 65
		Back	0.588	0.689	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.611	1.569	1.715	1.731	1.724	1.773	0.02	Case 66	0.03	Case 67	0.02	Case 68	0.03	Case 69	0.03	Case 70		
Ant 2	Ant 6	Front	0.674	0.627	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.796	1.724	1.864	1.895	1.914	1.912	0.04	Case 71	0.04	Case 72	0.04	Case 73	0.04	Case 74	0.04	Case 75	0.04	Case 76
		Back	0.588	0.570	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.492	1.450	1.596	1.612	1.605	1.654	0.04	Case 77	0.04	Case 78	0.04	Case 79	0.04	Case 80	0.04	Case 81		
Ant 5	Ant 6	Front	0.679	0.627	0.126	0.054	0.194	0.369	0.225	0.244	0.242	1.801	1.729	1.869	1.900	1.919	1.917	0.04	Case 81	0.04	Case 82	0.04	Case 83	0.04	Case 84	0.04	Case 85	0.04	Case 86
		Back	0.689	0.570	0.081	0.039	0.185	0.253	0.201	0.194	0.243	1.593	1.551	1.697	1.713	1.706	1.755	0.04	Case 87	0.04	Case 88	0.04	Case 89	0.04	Case 90	0.04	Case 91		



<WWAN Index 6, BT Index 3, Thread Index 3 Close Mode>

WWAN 1	WWAN 2	Exposure Position	1	2	7	8	9	1+2+7 Summed 1g SAR (W/kg)	1+2+8 Summed 1g SAR (W/kg)	1+2+9 Summed 1g SAR (W/kg)	1+2+7 SPLSR	1+2+7 Case No	1+2+8 SPLSR	1+2+8 Case No	1+2+9 SPLSR	1+2+9 Case No	
			WWAN 1	WWAN 2	Bluetooth/Thread Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3										
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)										
Ant 0	Ant 1	Front	0.403	0.415	0.109	0.001	0.138	0.927	0.819	0.956							
		Back	0.664	0.828	0.671	0.199	0.708	2.163	1.691	2.200	0.040	Case 334	0.030	Case 335	0.040	Case 336	
Ant 0	Ant 2	Front	0.403	0.288	0.109	0.001	0.138	0.800	0.692	0.829							
		Back	0.664	0.662	0.671	0.199	0.708	1.997	1.525	2.034	0.020	Case 337			0.040	Case 338	
Ant 0	Ant 5	Front	0.403	0.349	0.109	0.001	0.138	0.861	0.753	0.890							
		Back	0.664	0.677	0.671	0.199	0.708	2.012	1.540	2.049	0.040	Case 339			0.040	Case 341	
Ant 1	Ant 2	Front	0.415	0.288	0.109	0.001	0.138	0.812	0.704	0.841							
		Back	0.828	0.662	0.671	0.199	0.708	2.161	1.689	2.198	0.020	Case 342	0.020	Case 343	0.030	Case 344	
Ant 1	Ant 6	Front	0.415	0.525	0.109	0.001	0.138	1.049	0.941	1.078							
		Back	0.828	0.789	0.671	0.199	0.708	2.288	1.816	2.325	0.030	Case 345	0.030	Case 346	0.040	Case 347	
Ant 2	Ant 5	Front	0.288	0.349	0.109	0.001	0.138	0.746	0.638	0.775							
		Back	0.662	0.677	0.671	0.199	0.708	2.010	1.538	2.047	0.040	Case 348			0.040	Case 350	
Ant 2	Ant 6	Front	0.288	0.525	0.109	0.001	0.138	0.922	0.814	0.951							
		Back	0.662	0.789	0.671	0.199	0.708	2.122	1.650	2.159	0.020	Case 351	0.030	Case 352	0.040	Case 353	
Ant 5	Ant 6	Front	0.349	0.525	0.109	0.001	0.138	0.983	0.875	1.012							
		Back	0.677	0.789	0.671	0.199	0.708	2.137	1.665	2.174	0.040	Case 354	0.040	Case 355	0.040	Case 356	

<WWAN Index 11, BT Index 7, Thread Index 7 Open Mode>

WWAN 1	WWAN 2	Exposure Position	1	2	7	8	9	1+2+7 Summed 1g SAR (W/kg)	1+2+8 Summed 1g SAR (W/kg)	1+2+9 Summed 1g SAR (W/kg)	1+2+7 SPLSR	1+2+7 Case No	1+2+8 SPLSR	1+2+8 Case No	1+2+9 SPLSR	1+2+9 Case No
			WWAN 1	WWAN 2	Bluetooth/Thread Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3									
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)									
Ant 0	Ant 1	Front	0.671	0.803	0.619	0.244	0.705	2.093	1.718	2.179	0.04	Case 174	0.04	Case 175	0.04	Case 176
		Back	0.564	0.765	0.486	0.194	0.656	1.815	1.523	1.985	0.03	Case 177			0.04	Case 178
Ant 0	Ant 2	Front	0.671	0.674	0.619	0.244	0.705	1.964	1.589	2.050	0.02	Case 179			0.04	Case 180
		Back	0.564	0.588	0.486	0.194	0.656	1.638	1.346	1.808	0.04	Case 181			0.04	Case 182
Ant 0	Ant 5	Front	0.671	0.679	0.619	0.244	0.705	1.969	1.594	2.055	0.04	Case 183			0.04	Case 184
		Back	0.564	0.689	0.486	0.194	0.656	1.739	1.447	1.909	0.03	Case 185			0.04	Case 186
Ant 1	Ant 2	Front	0.803	0.674	0.619	0.244	0.705	2.096	1.721	2.182	0.02	Case 187	0.02	Case 188	0.03	Case 189
		Back	0.765	0.588	0.486	0.194	0.656	1.839	1.547	2.009	0.02	Case 190			0.03	Case 191
Ant 1	Ant 6	Front	0.803	0.627	0.619	0.244	0.705	2.049	1.674	2.135	0.03	Case 192	0.03	Case 193	0.04	Case 194
		Back	0.765	0.570	0.486	0.194	0.656	1.821	1.529	1.991	0.02	Case 195			0.04	Case 196
Ant 2	Ant 5	Front	0.674	0.679	0.619	0.244	0.705	1.972	1.597	2.058	0.02	Case 197	0.03	Case 198	0.04	Case 199
		Back	0.588	0.689	0.486	0.194	0.656	1.763	1.471	1.933	0.02	Case 200			0.04	Case 201
Ant 2	Ant 6	Front	0.674	0.627	0.619	0.244	0.705	1.920	1.545	2.006	0.04	Case 202			0.04	Case 203
		Back	0.588	0.570	0.486	0.194	0.656	1.644	1.352	1.814	0.04	Case 204			0.03	Case 205
Ant 5	Ant 6	Front	0.679	0.627	0.619	0.244	0.705	1.925	1.550	2.011	0.04	Case 206			0.04	Case 207
		Back	0.689	0.570	0.486	0.194	0.656	1.745	1.453	1.915	0.04	Case 208			0.04	Case 209



WWAN Ant 0/2/5/6 Front/Back Sensor on 10mm, WWAN Ant 1 Front/Back Sensor on 16mm,
WLAN Ant 4 Front/Back Sensor off 16mm

<WWAN Index 11, WLAN Index 7, BT Index 6, Thread Index 6 Open Mode>

WWAN 1	WWAN 2	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
			WWAN 1	WWAN 2	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth/Thread Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
Ant 0	Ant 1	Front	0.287	0.220	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.483	1.092	1.536	1.263	1.282	1.280
		Back	0.177	0.209	0.376	0.039	0.481	0.246	0.201	0.194	0.243	1.008	0.671	1.113	0.833	0.826	0.875
Ant 0	Ant 2	Front	0.287	0.227	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.490	1.099	1.543	1.270	1.289	1.287
		Back	0.177	0.172	0.376	0.039	0.481	0.246	0.201	0.194	0.243	0.971	0.634	1.076	0.796	0.789	0.838
Ant 0	Ant 5	Front	0.287	0.181	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.444	1.053	1.497	1.224	1.243	1.241
		Back	0.177	0.129	0.376	0.039	0.481	0.246	0.201	0.194	0.243	0.928	0.591	1.033	0.753	0.746	0.795
Ant 1	Ant 2	Front	0.220	0.227	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.423	1.032	1.476	1.203	1.222	1.220
		Back	0.209	0.172	0.376	0.039	0.481	0.246	0.201	0.194	0.243	1.003	0.666	1.108	0.828	0.821	0.870
Ant 1	Ant 6	Front	0.220	0.285	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.481	1.090	1.534	1.261	1.280	1.278
		Back	0.209	0.257	0.376	0.039	0.481	0.246	0.201	0.194	0.243	1.088	0.751	1.193	0.913	0.906	0.955
Ant 2	Ant 5	Front	0.227	0.181	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.384	0.993	1.437	1.164	1.183	1.181
		Back	0.172	0.129	0.376	0.039	0.481	0.246	0.201	0.194	0.243	0.923	0.586	1.028	0.748	0.741	0.790
Ant 2	Ant 6	Front	0.227	0.285	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.488	1.097	1.541	1.268	1.287	1.285
		Back	0.172	0.257	0.376	0.039	0.481	0.246	0.201	0.194	0.243	1.051	0.714	1.156	0.876	0.869	0.918
Ant 5	Ant 6	Front	0.181	0.285	0.445	0.054	0.498	0.531	0.225	0.244	0.242	1.442	1.051	1.495	1.222	1.241	1.239
		Back	0.129	0.257	0.376	0.039	0.481	0.246	0.201	0.194	0.243	1.008	0.671	1.113	0.833	0.826	0.875



WWAN Ant 0/2/5/6 Front/Back Sensor on 10mm, WWAN Ant 1 Front/Back Sensor off 19mm,
WLAN Ant 4 Front/Back Sensor off 19mm

<WWAN Index 11, WLAN Index 7, BT Index 6, Thread Index 6 Open Mode>

WWAN 1	WWAN 2	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
			WWAN 1	WWAN 2	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth/Thread Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
Ant 0	Ant 1	Front	0.287	0.467	0.257	0.054	0.349	0.252	0.225	0.244	0.242	1.263	1.060	1.355	1.231	1.250	1.248
		Back	0.177	0.403	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.919	0.755	0.985	0.917	0.910	0.959
Ant 0	Ant 2	Front	0.287	0.227	0.257	0.054	0.349	0.252	0.225	0.244	0.242	1.023	0.820	1.115	0.991	1.010	1.008
		Back	0.177	0.172	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.688	0.524	0.754	0.686	0.679	0.728
Ant 0	Ant 5	Front	0.287	0.181	0.257	0.054	0.349	0.252	0.225	0.244	0.242	0.977	0.774	1.069	0.945	0.964	0.962
		Back	0.177	0.129	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.645	0.481	0.711	0.643	0.636	0.685
Ant 1	Ant 2	Front	0.467	0.227	0.257	0.054	0.349	0.252	0.225	0.244	0.242	1.203	1.000	1.295	1.171	1.190	1.188
		Back	0.403	0.172	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.914	0.750	0.980	0.912	0.905	0.954
Ant 1	Ant 6	Front	0.467	0.285	0.257	0.054	0.349	0.252	0.225	0.244	0.242	1.261	1.058	1.353	1.229	1.248	1.246
		Back	0.403	0.257	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.999	0.835	1.065	0.997	0.990	1.039
Ant 2	Ant 5	Front	0.227	0.181	0.257	0.054	0.349	0.252	0.225	0.244	0.242	0.917	0.714	1.009	0.885	0.904	0.902
		Back	0.172	0.129	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.640	0.476	0.706	0.638	0.631	0.680
Ant 2	Ant 6	Front	0.227	0.285	0.257	0.054	0.349	0.252	0.225	0.244	0.242	1.021	0.818	1.113	0.989	1.008	1.006
		Back	0.172	0.257	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.768	0.604	0.834	0.766	0.759	0.808
Ant 5	Ant 6	Front	0.181	0.285	0.257	0.054	0.349	0.252	0.225	0.244	0.242	0.975	0.772	1.067	0.943	0.962	0.960
		Back	0.129	0.257	0.203	0.039	0.269	0.136	0.201	0.194	0.243	0.725	0.561	0.791	0.723	0.716	0.765



<WLAN Index 3, BT Index 3, Thread Index 3 Close Mode>

Exposure Position	3	4	5	6	7	8	9	10	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 1g SAR (W/kg)	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)	6+10 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	Thread Ant 4							
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
Front	0.083	0.001	0.162	0.341	0.109	0.001	0.138	0.100	0.450	0.342	0.479	0.424	0.342	0.503	0.441
Back	0.375	0.095	0.729	0.384	0.671	0.199	0.708	0.660	1.055	0.583	1.092	0.759	0.479	1.113	1.044

<WLAN Index 6, BT Index 7, Thread Index 7 Open Mode>

Exposure Position	3	4	5	6	7	8	9	10	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 1g SAR (W/kg)	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)	6+10 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	Thread Ant 4							
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
Front	0.445	0.211	0.617	0.577	0.619	0.244	0.705	0.618	1.196	0.821	1.282	1.022	0.788	1.194	1.195
Back	0.376	0.154	0.609	0.257	0.486	0.194	0.656	0.482	0.743	0.451	0.913	0.633	0.411	0.866	0.739

<WLAN Index 8, BT Index 7, Thread Index 7 Open Mode>

Exposure Position	3	4	5	6	7	8	9	10	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 1g SAR (W/kg)	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)	6+10 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	Thread Ant 4							
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
Front	0.497	0.211	0.776	0.765	0.619	0.244	0.705	0.618	1.384	1.009	1.470	1.262	0.976	1.541	1.383
Back	0.335	0.154	0.734	0.463	0.486	0.194	0.656	0.482	0.949	0.657	1.119	0.798	0.617	1.197	0.945



F.5 Product Specific Sim-Tx analysis

<WLAN Index 3, BT Index 3, Thread Index 3, NFC Close Mode>

Exposure Position	3	4	5	6	7	8	9	10	11	6+7 Summed 10g SAR (W/kg)	6+8 Summed 10g SAR (W/kg)	6+9 Summed 10g SAR (W/kg)	3+6 Summed 10g SAR (W/kg)	4+6 Summed 10g SAR (W/kg)	5+6 Summed 10g SAR (W/kg)	6+10 Summed 10g SAR (W/kg)	6+11 Summed 10g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	Thread Ant 4	NFC								
Front				0.864					0.001	0.864	0.864	0.864	0.864	0.864	0.864	0.864	0.865
Back				0.577					0.009	0.577	0.577	0.577	0.577	0.577	0.577	0.577	0.586
Left side				0.576					0.001	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.577
Right side				1.044					0.001	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.045
Top side				2.215					0.001	2.215	2.215	2.215	2.215	2.215	2.215	2.215	2.216
Bottom side									0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001

<WLAN Index 8, BT Index 7, Thread Index 7, NFC Open Mode>

Exposure Position	3	4	5	6	7	8	9	10	11	6+7 Summed 10g SAR (W/kg)	6+8 Summed 10g SAR (W/kg)	6+9 Summed 10g SAR (W/kg)	3+6 Summed 10g SAR (W/kg)	4+6 Summed 10g SAR (W/kg)	5+6 Summed 10g SAR (W/kg)	6+10 Summed 10g SAR (W/kg)	6+11 Summed 10g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3	Thread Ant 4	NFC								
Front				0.733					0.012	0.733	0.733	0.733	0.733	0.733	0.733	0.733	0.745
Back				1.467					0.001	1.467	1.467	1.467	1.467	1.467	1.467	1.467	1.468
Left side									0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Right side				1.574					0.001	1.574	1.574	1.574	1.574	1.574	1.574	1.574	1.575
Top side				1.740					0.001	1.740	1.740	1.740	1.740	1.740	1.740	1.740	1.741
Bottom side									0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001



WWAN Ant 1 Front/Back Sensor off 19mm, WLAN Ant 4 Front/Back Sensor off 16mm

WWAN Ant 1 Right Edge Sensor off 24mm, WLAN Ant 4 Right Edge Sensor off 0mm

WWAN Ant 1 Top Edge Sensor off 17mm, WLAN Ant 4 Top Edge Sensor on 0mm

<WWAN Index 11, WLAN Index 7, BT Index 6, Thread Index 6, NFC Open Mode>

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+3+6+10 Summed 1g SAR (W/kg)	1+2+4+6+10 Summed 1g SAR (W/kg)	1+2+5+6+10 Summed 1g SAR (W/kg)	1+2+6+7+10 Summed 1g SAR (W/kg)	1+2+6+8+10 Summed 1g SAR (W/kg)	1+2+6+9+10 Summed 1g SAR (W/kg)
		WWAN 10g SAR (W/kg)	WWAN 10g SAR (W/kg)	WLAN2.4GHz Ant 4 10g SAR (W/kg)	WLAN2.4GHz Ant 3 10g SAR (W/kg)	WLAN2.4GHz Ant 4+3 10g SAR (W/kg)	WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	Bluetooth/Thread Ant 4 10g SAR (W/kg)	Bluetooth Ant 3 10g SAR (W/kg)	Bluetooth Ant 4+3 10g SAR (W/kg)	NFC 10g SAR (W/kg)						
Ant 1	Front	0.241		0.232		0.260	0.197				0.012	0.682	0.450	0.710	0.450	0.450	0.450
	Back	0.210		0.192		0.237	0.071				0.001	0.474	0.282	0.519	0.282	0.282	0.282
	Right Edge	0.186		0.318		0.722	0.829				0.001	1.333	1.015	1.737	1.015	1.015	1.015
	Top Edge	0.276					0.957				0.001	1.233	1.233	1.233	1.233	1.233	1.233

WWAN Ant 1 Front/Back Sensor on 0mm, WLAN Ant 4 Front/Back Sensor off 16mm

WWAN Ant 1 Right Edge Sensor on 0mm, WLAN Ant 4 Right Edge Sensor off 0mm

WWAN Ant 1 Top Edge Sensor off 17mm, WLAN Ant 4 Top Edge Sensor off 22mm

<WWAN Index 11, WLAN Index 7, BT Index 6, Thread Index 6, NFC Open Mode>

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+3+6+10 Summed 1g SAR (W/kg)	1+2+4+6+10 Summed 1g SAR (W/kg)	1+2+5+6+10 Summed 1g SAR (W/kg)	1+2+6+7+10 Summed 1g SAR (W/kg)	1+2+6+8+10 Summed 1g SAR (W/kg)	1+2+6+9+10 Summed 1g SAR (W/kg)
		WWAN 10g SAR (W/kg)	WWAN 10g SAR (W/kg)	WLAN2.4GHz Ant 4 10g SAR (W/kg)	WLAN2.4GHz Ant 3 10g SAR (W/kg)	WLAN2.4GHz Ant 4+3 10g SAR (W/kg)	WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	Bluetooth/Thread Ant 4 10g SAR (W/kg)	Bluetooth Ant 3 10g SAR (W/kg)	Bluetooth Ant 4+3 10g SAR (W/kg)	NFC 10g SAR (W/kg)						
Ant 1	Front			0.232		0.260	0.197				0.012	0.441	0.209	0.469	0.209	0.209	0.209
	Back			0.192		0.237	0.071				0.001	0.264	0.072	0.309	0.072	0.072	0.072
	Right Edge			0.318		0.722	0.847				0.001	1.165	0.847	1.569	0.847	0.847	0.847
	Top Edge	0.276		0.182		0.175	0.115				0.001	0.573	0.391	0.566	0.391	0.391	0.391



F.6 SAR Peak Location Distance and SPSLR analysis

<Case 1>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns (Frequency, Power, etc.) and 10 rows of data for Case 1.

Table with 28 columns (Frequency, Power, etc.) and 10 rows of data for Case 1.

<Case 2>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns (Frequency, Power, etc.) and 10 rows of data for Case 2.

Table with 28 columns (Frequency, Power, etc.) and 10 rows of data for Case 2.



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<Case 3>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, R, S, T0, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, T14, T15, T16, T17, T18, T19, T20, T21, T22, T23, T24, T25. Rows include various SAR values for different bands and positions.

Table with columns for SAR (mW/kg) and SAR (W/kg) for various exposure positions (1-25) and body parts (1-25). Rows include SAR values for different bands and positions.



<Case 4>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	9	10	11
	WWAN SAR	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)	0.612	0.531	0.737
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR
GSM850_Ant 1 TX1	0.650	1.262	1.181	1.387
GSM1900_Ant 1 TX1	0.522	1.134	1.053	1.259
WCDMA II_Ant 1 TX1	0.937	1.549	1.468	1.674
WCDMA IV_Ant 1 TX1	0.389	1.001	0.920	1.126
WCDMA V_Ant 1 TX1	0.361	0.973	0.892	1.098
LTE Band 7_Ant 1 TX1	0.934	1.546	1.465	1.671
LTE Band 12_Ant 1 TX1	0.233	0.845	0.764	0.970
LTE Band 13_Ant 1 TX1	0.405	1.017	0.936	1.142
LTE Band 14_Ant 1 TX1	0.377	0.989	0.908	1.114
LTE Band 25_Ant 1 TX1	0.755	1.367	1.286	1.492
LTE Band 26_Ant 1 TX1	0.372	0.984	0.903	1.109
LTE Band 30_Ant 1 TX1	0.898	1.510	1.429	1.635
LTE Band 41_Ant 1 TX1	0.922	1.534	1.453	1.659
LTE Band 48_Ant 1 TX1	0.542	1.154	1.073	1.279
LTE Band 66_Ant 1 TX1	0.387	0.999	0.918	1.124
FR1 n7_Ant 1 TX1	0.866	1.478	1.397	1.603
FR1 n12_Ant 1 TX1	0.204	0.816	0.735	0.941
FR1 n14_Ant 1 TX1	0.313	0.925	0.844	1.050
FR1 n25_Ant 1 TX1	0.943	1.555	1.474	1.680
FR1 n26_Ant 1 TX1	0.392	1.004	0.923	1.129
FR1 n30_Ant 1 TX1	0.843	1.455	1.374	1.580
FR1 n38_Ant 1 TX1	0.910	1.522	1.441	1.647
FR1 n41_Ant 1 TX1	0.926	1.538	1.457	1.663
FR1 n48_Ant 1 TX1	0.899	1.511	1.430	1.636
FR1 n66_Ant 1 TX1	0.366	0.978	0.897	1.103
FR1 n70_Ant 1 TX1	0.304	0.916	0.835	1.041
FR1 n71_Ant 1 TX1	0.232	0.844	0.763	0.969
FR1 n77_Ant 1 TX1	0.932	1.544	1.463	1.669

SAR peak location (mm)			X (axis)	0	9	10	11
			Y (axis)	WWAN SAR	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Z (axis)	1g SAR (W/kg)	0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results
-56.4	84.9	-207	GSM850_Ant 1 TX1	0.650			
-63.2	84.4	-207	GSM1900_Ant 1 TX1	0.522			
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.937			0.02
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.389			
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361			
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.934			0.02
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233			
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405			
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377			
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.755			
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372			
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.898			0.02
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.922			0.02
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.542			
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.387			
-62.5	60.5	-207	FR1 n7_Ant 1 TX1	0.866			0.02
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204			
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313			
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.943			0.02
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392			
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.843			
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.910			0.02
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.926			0.02
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.899			0.02
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366			
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.304			
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232			
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.932			0.02



<Case 5>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	SAR (W/kg)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				X	Y	Z				
Max WWAN Ant 0	1920	0.671	0.671	-59.5	-46.0	-207.0	82.2	1.97	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	1920	1.298	1.298	-62.3	36.2	-207.0	82.2	1.97	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	1.97	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	1.298	-62.3	36.2	-207.0	82.2	1.97	0.03	Not required

<Case 6>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	SAR (W/kg)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				X	Y	Z				
Max WWAN Ant 0	1920	0.671	0.671	-59.5	-46.0	-207.0	70.1	1.90	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	1920	1.226	1.226	-63.5	24.0	-207.0	70.1	1.90	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	70.1	1.90	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	1.226	-63.5	24.0	-207.0	70.1	1.90	0.04	Not required

<Case 7>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	SAR (W/kg)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				X	Y	Z				
Max WWAN Ant 0	1920	0.671	0.671	-59.5	-46.0	-207.0	75.7	2.04	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1920	1.366	1.366	-64.5	29.5	-207.0	75.7	2.04	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	75.7	2.04	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1.366	-64.5	29.5	-207.0	75.7	2.04	0.04	Not required

<Case 8>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	SAR (W/kg)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				X	Y	Z				
Max WWAN Ant 0	1920	0.671	0.671	-59.5	-46.0	-207.0	82.2	2.07	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1920	1.397	1.397	-62.3	36.2	-207.0	82.2	2.07	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	2.07	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1.397	-62.3	36.2	-207.0	82.2	2.07	0.04	Not required



<Case 9>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	733.0	0.671	72.1	0.671	72.1	0.671	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	733.0	1.416	72.1	1.416	72.1	2.09	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	72.1	2.09	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1.416	-63.5	26.0	-207.0	72.1	2.09	0.04	Not required

<Case 10>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	733.0	0.671	70.1	0.671	70.1	0.671	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	733.0	1.414	70.1	1.414	70.1	2.09	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	70.1	2.09	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	1.414	-62.5	24.0	-207.0	70.1	2.09	0.04	Not required

<Case 11>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	733.0	0.564	87.0	0.564	87.0	0.564	0.02	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	733.0	1.099	87.0	1.099	87.0	1.66	0.02	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	87.0	1.66	0.02	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	1.099	14.7	40.0	-207.0	87.0	1.66	0.02	Not required

<Case 12>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	733.0	0.564	65.1	0.564	65.1	0.564	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	733.0	1.057	65.1	1.057	65.1	1.62	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	65.1	1.62	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	1.057	13.5	18.0	-207.0	65.1	1.62	0.03	Not required



<Case 13>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	1920	0.564	11.3	0.564	66.5	1.77	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1920	1.203	10.5	1.203	66.5	1.77	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	66.5	1.77	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1.203	10.5	22.0	-207.0	66.5	1.77	0.04	Not required

<Case 14>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	1920	0.564	11.3	0.564	84.6	1.78	0.03	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1920	1.219	14.7	1.219	84.6	1.78	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	84.6	1.78	0.03	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1.219	14.7	40.0	-207.0	84.6	1.78	0.03	Not required

<Case 15>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1920	1.212	24.5	1.212	82.6	1.78	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	82.6	1.78	0.03	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1.212	24.5	37.0	-207.0	82.6	1.78	0.03	Not required

<Case 16>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1920	1.261	10.5	1.261	64.0	1.83	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	64.0	1.83	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1.261	10.5	19.5	-207.0	64.0	1.83	0.04	Not required



<Case 17>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Pattern, Wwan SAR, Wlan2.4G Ant 1, Wlan5.8G Ant 2, and SAR values for various antenna combinations (e.g., Wlan2.4G Ant 1, Wlan5.8G Ant 2, etc.)

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Row 1: Max Wwan Ant 0 + Max Wwan Ant 2, SAR: 1.345, X: -59.5, Y: -46.0, Z: -207.0. Row 2: Wlan2.4G Ant 4 + Wlan5.8G Ant 4+3, SAR: 0.495, X: -62.3, Y: 36.2, Z: -207.0.

<Case 18>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Pattern, Wwan SAR, Wlan2.4G Ant 1, Wlan5.8G Ant 2, and SAR values for various antenna combinations (e.g., Wlan2.4G Ant 1, Wlan5.8G Ant 2, etc.)

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Row 1: Max Wwan Ant 0 + Max Wwan Ant 2, SAR: 1.345, X: -59.5, Y: -46.0, Z: -207.0. Row 2: Wlan2.4G Ant 3 + Wlan5.8G Ant 4+3, SAR: 0.423, X: -63.5, Y: 24.0, Z: -207.0.

<Case 19>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Pattern, Wwan SAR, Wlan2.4G Ant 1, Wlan5.8G Ant 2, and SAR values for various antenna combinations (e.g., Wlan2.4G Ant 1, Wlan5.8G Ant 2, etc.)

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Row 1: Max Wwan Ant 0 + Max Wwan Ant 2, SAR: 1.345, X: -59.5, Y: -46.0, Z: -207.0. Row 2: Wlan2.4G Ant 4+3 + Wlan5.8G Ant 4+3, SAR: 0.563, X: -64.5, Y: 29.5, Z: -207.0.



<Case 20>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Wwan SAR, Bluetooth SAR, Bluetooth Ant 3, GSM Ant 2, Wwan Ant 2, Wwan Ant 3, LTE Band 7, LTE Band 4, LTE Band 14, LTE Band 15, LTE Band 16, LTE Band 17, LTE Band 18, LTE Band 19, LTE Band 20, LTE Band 21, LTE Band 22, LTE Band 23, LTE Band 24, LTE Band 25. Rows include: 050505, 0506, 0507, 0508, 0509, 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524, 0525.

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows: Max Wwan Ant 0 + Max Wwan Ant 2, WLAN5/6G Ant 4+3 + Bluetooth Ant 4.

<Case 21>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Wwan SAR, Bluetooth SAR, Bluetooth Ant 3, GSM Ant 2, Wwan Ant 2, Wwan Ant 3, LTE Band 7, LTE Band 4, LTE Band 14, LTE Band 15, LTE Band 16, LTE Band 17, LTE Band 18, LTE Band 19, LTE Band 20, LTE Band 21, LTE Band 22, LTE Band 23, LTE Band 24, LTE Band 25. Rows include: 050505, 0506, 0507, 0508, 0509, 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524, 0525.

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows: Max Wwan Ant 0 + Max Wwan Ant 2, WLAN5/6G Ant 4+3 + Bluetooth Ant 3.

<Case 22>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Wwan SAR, Bluetooth SAR, Bluetooth Ant 3, GSM Ant 2, Wwan Ant 2, Wwan Ant 3, LTE Band 7, LTE Band 4, LTE Band 14, LTE Band 15, LTE Band 16, LTE Band 17, LTE Band 18, LTE Band 19, LTE Band 20, LTE Band 21, LTE Band 22, LTE Band 23, LTE Band 24, LTE Band 25. Rows include: 050505, 0506, 0507, 0508, 0509, 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524, 0525.

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows: Max Wwan Ant 0 + Max Wwan Ant 2, WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3.



<Case 23>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Parameters, Frequency, Power, and SAR values for various body parts (Head, Neck, etc.) across different test scenarios.

Table with columns: Exposure Parameters, Frequency, Power, and SAR values for various body parts (Head, Neck, etc.) across different test scenarios.

<Case 24>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Parameters, Frequency, Power, and SAR values for various body parts (Head, Neck, etc.) across different test scenarios.

Table with columns: Exposure Parameters, Frequency, Power, and SAR values for various body parts (Head, Neck, etc.) across different test scenarios.



<Case 25>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, Frequency, and SAR values for various antenna configurations (e.g., GSM850, WCDMA, LTE, FR1) across multiple test cases.

Table with columns for Exposure Position, Frequency, and SAR values for various antenna configurations (e.g., GSM850, WCDMA, LTE, FR1) across multiple test cases.

<Case 26>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, Frequency, and SAR values for various antenna configurations (e.g., GSM850, WCDMA, LTE, FR1) across multiple test cases.

Table with columns: Combination, SAR, SAR peak location (mm) [X, Y, Z], 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR.



<Case 27>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5GHz Ant 4+3	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Front	1g SAR (W/kg)											
				0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.538
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR
GSM850_Ant 0 TX	0.540	0.054	0.369	1.642	1.504	1.391	1.590	1.300	1.290	1.298	1.429	1.499
WCDMA V_Ant 0 TX	0.548	0.054	0.369	1.659	1.512	1.399	1.598	1.308	1.298	1.276	1.417	1.507
LTE Band 12_Ant 0 TX	0.414	0.054	0.369	1.516	1.378	1.265	1.464	1.174	1.164	1.142	1.283	1.373
LTE Band 13_Ant 0 TX	0.662	0.054	0.369	1.764	1.626	1.513	1.712	1.422	1.412	1.390	1.531	1.621
LTE Band 14_Ant 0 TX	0.649	0.054	0.369	1.751	1.613	1.500	1.699	1.409	1.399	1.377	1.518	1.608
LTE Band 25_Ant 0 Sub TX	0.662	0.054	0.369	1.764	1.626	1.513	1.712	1.422	1.412	1.390	1.531	1.621
LTE Band 26_Ant 0 TX	0.493	0.054	0.369	1.595	1.457	1.344	1.543	1.253	1.243	1.221	1.362	1.452
LTE Band 41_Ant 0 Sub TX	0.665	0.054	0.369	1.767	1.629	1.516	1.715	1.425	1.415	1.393	1.534	1.624
LTE Band 66_Ant 0 Sub TX	0.667	0.054	0.369	1.769	1.631	1.518	1.717	1.427	1.417	1.395	1.536	1.626
LTE Band 71_Ant 0 TX	0.543	0.054	0.369	1.645	1.507	1.394	1.593	1.303	1.293	1.271	1.412	1.502
FR1 n12_Ant 0 TX	0.428	0.054	0.369	1.530	1.392	1.279	1.478	1.188	1.178	1.156	1.297	1.387
FR1 n14_Ant 0 TX	0.658	0.054	0.369	1.760	1.622	1.509	1.708	1.418	1.408	1.386	1.527	1.617
FR1 n25_Ant 0 Sub TX	0.671	0.054	0.369	1.773	1.635	1.522	1.721	1.431	1.421	1.399	1.540	1.630
FR1 n38_Ant 0 TX	0.555	0.054	0.369	1.637	1.519	1.406	1.605	1.315	1.305	1.283	1.424	1.514
FR1 n38_Ant 0 Sub TX	0.591	0.054	0.369	1.693	1.555	1.442	1.641	1.351	1.341	1.319	1.460	1.550
FR1 n41_Ant 0 Sub TX	0.527	0.054	0.369	1.628	1.491	1.378	1.577	1.287	1.277	1.255	1.396	1.486
FR1 n66_Ant 0 Sub TX	0.661	0.054	0.369	1.763	1.625	1.512	1.711	1.421	1.411	1.389	1.530	1.620
FR1 n77_Ant 0 TX	0.543	0.054	0.369	1.645	1.507	1.394	1.593	1.303	1.293	1.271	1.412	1.502

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	41.0	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-58.1	-46.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	19.4	0.73	0.03	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	70.1	0.73	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	87.4	1.05	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	136.5	1.04	0.01	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	83.8	0.42	0.00	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	12.3	0.36	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	75.7	0.67	0.01	Not required



<Case 28>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5GHz Ant 4+3	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Front	1g SAR (W/kg)			0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.538
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR
GSM850_Ant 0 TX	0.540	0.194	0.369	1.762	1.644	1.531	1.720	1.440	1.430	1.408	1.548	1.635
WCDMA V_Ant 0 TX	0.548	0.194	0.369	1.769	1.652	1.539	1.728	1.448	1.438	1.416	1.557	1.647
LTE Band 12_Ant 0 TX	0.414	0.194	0.369	1.656	1.518	1.405	1.604	1.314	1.304	1.282	1.423	1.513
LTE Band 13_Ant 0 TX	0.662	0.194	0.369	1.964	1.766	1.653	1.852	1.562	1.552	1.530	1.671	1.761
LTE Band 14_Ant 0 TX	0.649	0.194	0.369	1.891	1.753	1.640	1.839	1.549	1.539	1.517	1.658	1.748
LTE Band 25_Ant 0 Sub TX	0.662	0.194	0.369	1.964	1.766	1.653	1.852	1.562	1.552	1.530	1.671	1.761
LTE Band 26_Ant 0 TX	0.493	0.194	0.369	1.735	1.597	1.484	1.683	1.393	1.383	1.361	1.502	1.592
LTE Band 41_Ant 0 Sub TX	0.665	0.194	0.369	1.907	1.769	1.656	1.855	1.565	1.555	1.533	1.674	1.764
LTE Band 66_Ant 0 Sub TX	0.667	0.194	0.369	1.909	1.771	1.658	1.857	1.567	1.557	1.535	1.676	1.766
LTE Band 71_Ant 0 TX	0.543	0.194	0.369	1.785	1.647	1.534	1.733	1.443	1.433	1.411	1.552	1.642
FR1 n12_Ant 0 TX	0.428	0.194	0.369	1.670	1.532	1.419	1.618	1.328	1.318	1.296	1.437	1.527
FR1 n14_Ant 0 TX	0.658	0.194	0.369	1.900	1.762	1.649	1.848	1.558	1.548	1.526	1.667	1.757
FR1 n25_Ant 0 Sub TX	0.671	0.194	0.369	1.913	1.775	1.662	1.861	1.571	1.561	1.539	1.680	1.770
FR1 n38_Ant 0 TX	0.555	0.194	0.369	1.797	1.659	1.546	1.745	1.455	1.445	1.423	1.564	1.654
FR1 n38_Ant 0 Sub TX	0.591	0.194	0.369	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690
FR1 n41_Ant 0 Sub TX	0.527	0.194	0.369	1.768	1.631	1.518	1.717	1.427	1.417	1.395	1.536	1.626
FR1 n66_Ant 0 Sub TX	0.661	0.194	0.369	1.905	1.765	1.652	1.851	1.561	1.551	1.529	1.670	1.760
FR1 n77_Ant 0 TX	0.543	0.194	0.369	1.785	1.647	1.534	1.733	1.443	1.433	1.411	1.552	1.642

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	82.6	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	24.6	0.75	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	135.5	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	75.7	0.74	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0	136.5	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	20.7	0.56	0.02	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	81.2	0.44	0.00	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	7.1	0.37	0.03	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 29>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN/6GHz Ant 4+3	Bluetooth Ant 4	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Front	1g SAR (W/kg)			0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.538
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR
GSM850_Ant 0 TX	0.540	0.369	0.225	1.813	1.675	1.562	1.761	1.471	1.461	1.439	1.590	1.670
WCDMA V_Ant 0 TX	0.548	0.369	0.225	1.821	1.683	1.570	1.769	1.479	1.469	1.447	1.598	1.678
LTE Band 12_Ant 0 TX	0.414	0.369	0.225	1.687	1.549	1.436	1.635	1.345	1.335	1.313	1.454	1.544
LTE Band 13_Ant 0 TX	0.662	0.369	0.225	1.935	1.797	1.684	1.883	1.593	1.583	1.561	1.702	1.792
LTE Band 14_Ant 0 TX	0.649	0.369	0.225	1.922	1.784	1.671	1.870	1.580	1.570	1.548	1.689	1.779
LTE Band 25_Ant 0 Sub TX	0.662	0.369	0.225	1.935	1.797	1.684	1.883	1.593	1.583	1.561	1.702	1.792
LTE Band 26_Ant 0 TX	0.493	0.369	0.225	1.766	1.628	1.515	1.714	1.424	1.414	1.392	1.533	1.623
LTE Band 41_Ant 0 Sub TX	0.665	0.369	0.225	1.938	1.800	1.687	1.886	1.596	1.586	1.564	1.705	1.795
LTE Band 66_Ant 0 Sub TX	0.667	0.369	0.225	1.940	1.802	1.691	1.890	1.598	1.588	1.566	1.707	1.797
LTE Band 71_Ant 0 TX	0.543	0.369	0.225	1.816	1.678	1.565	1.764	1.474	1.464	1.442	1.583	1.673
FR1 n12_Ant 0 TX	0.428	0.369	0.225	1.701	1.563	1.450	1.649	1.359	1.349	1.327	1.468	1.558
FR1 n14_Ant 0 TX	0.658	0.369	0.225	1.931	1.793	1.680	1.879	1.589	1.579	1.557	1.698	1.788
FR1 n25_Ant 0 Sub TX	0.671	0.369	0.225	1.944	1.806	1.693	1.892	1.592	1.582	1.560	1.701	1.801
FR1 n38_Ant 0 TX	0.555	0.369	0.225	1.828	1.690	1.577	1.776	1.486	1.476	1.454	1.595	1.685
FR1 n38_Ant 0 Sub TX	0.591	0.369	0.225	1.864	1.726	1.613	1.812	1.522	1.512	1.490	1.631	1.721
FR1 n41_Ant 0 Sub TX	0.527	0.369	0.225	1.800	1.662	1.549	1.748	1.458	1.448	1.426	1.567	1.657
FR1 n66_Ant 0 Sub TX	0.661	0.369	0.225	1.934	1.796	1.683	1.882	1.592	1.582	1.560	1.701	1.791
FR1 n77_Ant 0 TX	0.543	0.369	0.225	1.816	1.678	1.565	1.764	1.474	1.464	1.442	1.583	1.673

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	81.4	0.90	0.01	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	134.4	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	87.4	1.05	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	136.5	1.04	0.01	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	20.9	0.59	0.02	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	75.7	0.67	0.01	Not required



<Case 30>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0			1			7			9			10			11			12			13			14			15			16			17					
	WWAN SAR	WLAN/6GHz Ant 4+3	Bluetooth Ant 3	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX	0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.538	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR	0.177+198 Summed SAR							
Front	1g SAR (W/kg)																																						
GSM850_Ant 0 TX	0.540	0.369	0.244	1.832	1.694	1.581	1.760	1.490	1.480	1.458	1.559	1.693																											
WCDMA V_Ant 0 TX	0.548	0.369	0.244	1.840	1.702	1.589	1.768	1.498	1.488	1.466	1.567	1.697																											
LTE Band 12_Ant 0 TX	0.414	0.369	0.244	1.706	1.568	1.455	1.654	1.384	1.354	1.332	1.473	1.593																											
LTE Band 13_Ant 0 TX	0.662	0.369	0.244	1.854	1.816	1.703	1.902	1.612	1.602	1.580	1.721	1.811																											
LTE Band 14_Ant 0 TX	0.649	0.369	0.244	1.841	1.803	1.690	1.889	1.599	1.589	1.567	1.708	1.798																											
LTE Band 25_Ant 0 Sub TX	0.662	0.369	0.244	1.854	1.816	1.703	1.902	1.612	1.602	1.580	1.721	1.811																											
LTE Band 26_Ant 0 TX	0.493	0.369	0.244	1.785	1.647	1.534	1.733	1.443	1.433	1.411	1.552	1.642																											
LTE Band 41_Ant 0 Sub TX	0.665	0.369	0.244	1.937	1.819	1.706	1.905	1.615	1.605	1.583	1.724	1.814																											
LTE Band 66_Ant 0 Sub TX	0.667	0.369	0.244	1.859	1.821	1.708	1.907	1.617	1.607	1.585	1.726	1.816																											
LTE Band 71_Ant 0 TX	0.543	0.369	0.244	1.835	1.697	1.584	1.783	1.493	1.483	1.461	1.602	1.692																											
FR1 n12_Ant 0 TX	0.428	0.369	0.244	1.720	1.582	1.469	1.668	1.378	1.368	1.346	1.487	1.577																											
FR1 n14_Ant 0 TX	0.658	0.369	0.244	1.950	1.812	1.699	1.898	1.608	1.598	1.576	1.717	1.807																											
FR1 n25_Ant 0 Sub TX	0.671	0.369	0.244	1.963	1.825	1.712	1.911	1.621	1.611	1.589	1.730	1.820																											
FR1 n38_Ant 0 TX	0.556	0.369	0.244	1.847	1.709	1.596	1.795	1.505	1.495	1.473	1.614	1.704																											
FR1 n38_Ant 0 Sub TX	0.591	0.369	0.244	1.883	1.745	1.632	1.831	1.541	1.531	1.509	1.650	1.740																											
FR1 n41_Ant 0 Sub TX	0.527	0.369	0.244	1.819	1.681	1.568	1.767	1.477	1.467	1.445	1.586	1.676																											
FR1 n66_Ant 0 Sub TX	0.661	0.369	0.244	1.933	1.815	1.702	1.901	1.611	1.601	1.579	1.720	1.810																											
FR1 n71_Ant 0 TX	0.543	0.369	0.244	1.835	1.697	1.584	1.783	1.493	1.483	1.461	1.602	1.692																											

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	21.1	0.92	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	72.1	0.92	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	87.4	1.05	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	136.5	1.04	0.01	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	82.5	0.61	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	75.7	0.67	0.01	Not required



<Case 31>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN/6GHz Ant 4+3	Bluetooth Ant 4+3	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Front	1g SAR (W/kg)											
				0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.538
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR
GSM850_Ant 0 TX	0.540	0.369	0.242	1.030	1.052	1.579	1.778	1.486	1.478	1.456	1.597	1.687
WCDMA V_Ant 0 TX	0.548	0.369	0.242	1.038	1.060	1.587	1.786	1.496	1.488	1.466	1.607	1.697
LTE Band 12_Ant 0 TX	0.414	0.369	0.242	1.074	1.096	1.453	1.652	1.362	1.352	1.330	1.471	1.561
LTE Band 13_Ant 0 TX	0.662	0.369	0.242	1.052	1.074	1.701	1.900	1.610	1.600	1.578	1.719	1.809
LTE Band 14_Ant 0 TX	0.649	0.369	0.242	1.039	1.061	1.688	1.887	1.597	1.587	1.565	1.706	1.796
LTE Band 25_Ant 0 Sub TX	0.662	0.369	0.242	1.052	1.074	1.701	1.900	1.610	1.600	1.578	1.719	1.809
LTE Band 26_Ant 0 TX	0.493	0.369	0.242	1.783	1.845	1.532	1.731	1.441	1.431	1.409	1.550	1.640
LTE Band 41_Ant 0 Sub TX	0.665	0.369	0.242	1.055	1.077	1.704	1.903	1.613	1.603	1.581	1.722	1.812
LTE Band 66_Ant 0 Sub TX	0.667	0.369	0.242	1.057	1.079	1.706	1.905	1.615	1.605	1.583	1.724	1.814
LTE Band 71_Ant 0 TX	0.543	0.369	0.242	1.033	1.055	1.582	1.781	1.491	1.481	1.459	1.600	1.690
FR1 n12_Ant 0 TX	0.428	0.369	0.242	1.718	1.980	1.467	1.666	1.376	1.366	1.344	1.485	1.575
FR1 n14_Ant 0 TX	0.658	0.369	0.242	1.948	1.910	1.697	1.896	1.606	1.596	1.574	1.715	1.805
FR1 n25_Ant 0 Sub TX	0.671	0.369	0.242	1.961	1.923	1.710	1.909	1.619	1.609	1.587	1.728	1.818
FR1 n38_Ant 0 TX	0.555	0.369	0.242	1.845	1.707	1.594	1.793	1.503	1.493	1.471	1.612	1.702
FR1 n38_Ant 0 Sub TX	0.591	0.369	0.242	1.881	1.743	1.630	1.829	1.539	1.529	1.507	1.648	1.738
FR1 n41_Ant 0 Sub TX	0.527	0.369	0.242	1.817	1.679	1.566	1.765	1.475	1.465	1.443	1.584	1.674
FR1 n66_Ant 0 Sub TX	0.661	0.369	0.242	1.951	1.813	1.700	1.899	1.609	1.599	1.577	1.718	1.808
FR1 n77_Ant 0 TX	0.543	0.369	0.242	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	81.9	0.92	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	18.9	0.78	0.04	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	134.7	0.91	0.01	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	70.1	0.77	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	87.4	1.05	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	136.5	1.04	0.01	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	19.9	0.61	0.02	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	83.0	0.47	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	64.1	0.55	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	12.2	0.41	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	73.4	0.34	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	75.7	0.67	0.01	Not required



<Case 32>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5GHz Ant 4+3	LTE Band 26_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Back	1g SAR (W/kg)			0.689	0.590	0.302	0.595	0.499	0.375	0.303	0.276	0.525
				9+1+2+9 Summed SAR	9+1+2+10 Summed SAR	9+1+2+11 Summed SAR	9+1+2+12 Summed SAR	9+1+2+13 Summed SAR	9+1+2+14 Summed SAR	9+1+2+15 Summed SAR	9+1+2+16 Summed SAR	9+1+2+17 Summed SAR
GSM850_Ant 0 TXI	0.497	0.185	0.253	1.624	1.445	1.237	1.451	1.344	1.310	1.238	1.211	1.460
WCDMA_V_Ant 0 TXI	0.370	0.185	0.253	1.497	1.318	1.110	1.324	1.217	1.183	1.111	1.084	1.333
LTE Band 12_Ant 0 TXI	0.264	0.185	0.253	1.391	1.212	1.004	1.218	1.111	1.077	1.005	0.978	1.227
LTE Band 13_Ant 0 TXI	0.427	0.185	0.253	1.554	1.375	1.167	1.381	1.274	1.240	1.168	1.141	1.390
LTE Band 14_Ant 0 TXI	0.427	0.185	0.253	1.554	1.375	1.167	1.381	1.274	1.240	1.168	1.141	1.390
LTE Band 26_Ant 0 Sub TXI	0.540	0.185	0.253	1.667	1.488	1.280	1.494	1.387	1.353	1.281	1.254	1.503
LTE Band 26_Ant 0 TXI	0.389	0.185	0.253	1.516	1.337	1.129	1.343	1.236	1.202	1.130	1.103	1.352
LTE Band 41_Ant 0 Sub TXI	0.564	0.185	0.253	1.691	1.512	1.304	1.518	1.411	1.377	1.305	1.278	1.527
LTE Band 41_Ant 0 TXI	0.416	0.185	0.253	1.543	1.364	1.156	1.370	1.263	1.229	1.157	1.130	1.379
LTE Band 71_Ant 0 TXI	0.340	0.185	0.253	1.467	1.288	1.080	1.294	1.187	1.153	1.081	1.054	1.303
FR1 n12_Ant 0 TXI	0.271	0.185	0.253	1.368	1.219	1.011	1.225	1.118	1.084	1.012	0.985	1.234
FR1 n12_Ant 0 Sub TXI	0.428	0.185	0.253	1.555	1.376	1.168	1.382	1.275	1.241	1.169	1.142	1.391
FR1 n25_Ant 0 Sub TXI	0.497	0.185	0.253	1.624	1.445	1.237	1.451	1.344	1.310	1.238	1.211	1.460
FR1 n25_Ant 0 TXI	0.389	0.185	0.253	1.516	1.337	1.129	1.343	1.236	1.202	1.130	1.103	1.352
FR1 n38_Ant 0 Sub TXI	0.467	0.185	0.253	1.594	1.415	1.207	1.421	1.314	1.280	1.208	1.181	1.430
FR1 n38_Ant 0 TXI	0.434	0.185	0.253	1.561	1.382	1.174	1.388	1.281	1.247	1.175	1.148	1.397
FR1 n41_Ant 0 Sub TXI	0.411	0.185	0.253	1.538	1.359	1.151	1.365	1.258	1.224	1.152	1.125	1.374
FR1 n41_Ant 0 TXI	0.359	0.185	0.253	1.486	1.307	1.099	1.313	1.206	1.172	1.100	1.073	1.322

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	47.1	1.25	0.03	Not required
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	93.5	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	22.7	0.76	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	139.4	0.75	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	69.4	0.63	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.94	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.91	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	122.0	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	87.0	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	19.0	0.44	0.02	Not required
WLAN5G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	55.7	0.32	0.00	Not required
WLAN5G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	63.5	0.41	0.00	Not required
WLAN5G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	18.5	0.29	0.01	Not required
WLAN5G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	74.5	0.25	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 33>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.510	0.392	0.516	0.499	0.375	0.303	0.276	0.525
				0-17x9 Summed SAR	0-17x10 Summed SAR	0-17x11 Summed SAR	0-17x12 Summed SAR	0-17x13 Summed SAR	0-17x14 Summed SAR	0-17x15 Summed SAR	0-17x16 Summed SAR	0-17x17 Summed SAR
GSM850_Ant 0 TX0	0.497	0.253	0.201	1.640	1.461	1.253	1.467	1.360	1.326	1.254	1.227	1.476
WCDMA_V_Ant 0 TX0	0.370	0.253	0.201	1.513	1.334	1.126	1.340	1.233	1.199	1.127	1.100	1.349
LTE Band 12_Ant 0 TX0	0.264	0.253	0.201	1.497	1.228	1.020	1.234	1.127	1.093	1.021	0.994	1.243
LTE Band 13_Ant 0 TX0	0.427	0.253	0.201	1.570	1.391	1.183	1.397	1.290	1.256	1.184	1.157	1.406
LTE Band 14_Ant 0 TX0	0.427	0.253	0.201	1.570	1.391	1.183	1.397	1.290	1.256	1.184	1.157	1.406
LTE Band 25_Ant 0 Sub TX0	0.540	0.253	0.201	1.683	1.504	1.296	1.510	1.403	1.369	1.297	1.270	1.519
LTE Band 26_Ant 0 TX0	0.389	0.253	0.201	1.532	1.353	1.145	1.359	1.252	1.218	1.146	1.119	1.368
LTE Band 41_Ant 0 Sub TX0	0.564	0.253	0.201	1.797	1.528	1.320	1.534	1.427	1.393	1.321	1.294	1.543
LTE Band 66_Ant 0 Sub TX0	0.416	0.253	0.201	1.559	1.380	1.172	1.386	1.279	1.245	1.173	1.146	1.395
LTE Band 71_Ant 0 TX0	0.340	0.253	0.201	1.483	1.304	1.096	1.310	1.203	1.169	1.097	1.070	1.319
FR1 n12_Ant 0 TX0	0.271	0.253	0.201	1.414	1.235	1.027	1.241	1.134	1.100	1.028	1.001	1.250
FR1 n12_Ant 0 Sub TX0	0.428	0.253	0.201	1.571	1.392	1.184	1.398	1.291	1.257	1.185	1.158	1.407
FR1 n25_Ant 0 Sub TX0	0.497	0.253	0.201	1.640	1.461	1.253	1.467	1.360	1.326	1.254	1.227	1.476
FR1 n38_Ant 0 TX0	0.389	0.253	0.201	1.532	1.353	1.145	1.359	1.252	1.218	1.146	1.119	1.368
FR1 n38_Ant 0 Sub TX0	0.467	0.253	0.201	1.610	1.431	1.223	1.437	1.330	1.296	1.224	1.197	1.446
FR1 n41_Ant 0 Sub TX0	0.434	0.253	0.201	1.577	1.398	1.190	1.404	1.297	1.263	1.191	1.164	1.413
FR1 n66_Ant 0 Sub TX0	0.411	0.253	0.201	1.554	1.375	1.167	1.381	1.274	1.240	1.168	1.141	1.390
FR1 n77_Ant 0 TX0	0.359	0.253	0.201	1.502	1.323	1.115	1.329	1.222	1.188	1.116	1.089	1.338

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	47.1	1.25	0.03	Not required
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	91.3	0.89	0.01	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	137.3	0.77	0.00	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.94	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.91	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	122.0	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	87.0	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	16.6	0.45	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	61.0	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 34>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.276	0.255
				0x17x9 Summed SAR	0x17x10 Summed SAR	0x17x11 Summed SAR	0x17x12 Summed SAR	0x17x13 Summed SAR	0x17x14 Summed SAR	0x17x15 Summed SAR	0x17x16 Summed SAR	0x17x17 Summed SAR
GSM850_Ant 0 TX0	0.497	0.253	0.194	1.633	1.454	1.246	1.460	1.253	1.319	1.247	1.220	1.469
WCDMA_V_Ant 0 TX0	0.370	0.253	0.194	1.506	1.327	1.119	1.333	1.226	1.192	1.120	1.093	1.342
LTE Band 12_Ant 0 TX0	0.264	0.253	0.194	1.400	1.221	1.013	1.227	1.120	1.086	1.014	0.987	1.236
LTE Band 13_Ant 0 TX0	0.427	0.253	0.194	1.563	1.384	1.176	1.390	1.283	1.249	1.177	1.150	1.399
LTE Band 14_Ant 0 TX0	0.427	0.253	0.194	1.563	1.384	1.176	1.390	1.283	1.249	1.177	1.150	1.399
LTE Band 25_Ant 0 Sub TX0	0.540	0.253	0.194	1.676	1.497	1.289	1.503	1.396	1.362	1.290	1.263	1.512
LTE Band 26_Ant 0 TX0	0.389	0.253	0.194	1.525	1.346	1.138	1.352	1.245	1.211	1.139	1.112	1.361
LTE Band 41_Ant 0 Sub TX0	0.564	0.253	0.194	1.790	1.521	1.313	1.527	1.420	1.386	1.314	1.287	1.536
LTE Band 66_Ant 0 Sub TX0	0.416	0.253	0.194	1.552	1.373	1.165	1.379	1.272	1.238	1.166	1.139	1.388
LTE Band 71_Ant 0 TX0	0.340	0.253	0.194	1.476	1.297	1.089	1.303	1.196	1.162	1.090	1.063	1.312
FR1 n12_Ant 0 TX0	0.271	0.253	0.194	1.407	1.228	1.020	1.234	1.127	1.093	1.021	0.994	1.243
FR1 n14_Ant 0 TX0	0.428	0.253	0.194	1.564	1.385	1.177	1.391	1.284	1.250	1.178	1.151	1.400
FR1 n25_Ant 0 Sub TX0	0.497	0.253	0.194	1.633	1.454	1.246	1.460	1.253	1.319	1.247	1.220	1.469
FR1 n38_Ant 0 TX0	0.389	0.253	0.194	1.525	1.346	1.138	1.352	1.245	1.211	1.139	1.112	1.361
FR1 n41_Ant 0 Sub TX0	0.467	0.253	0.194	1.603	1.424	1.216	1.430	1.323	1.289	1.217	1.190	1.439
FR1 n48_Ant 0 Sub TX0	0.434	0.253	0.194	1.570	1.391	1.183	1.397	1.290	1.256	1.184	1.157	1.406
FR1 n66_Ant 0 Sub TX0	0.411	0.253	0.194	1.547	1.368	1.160	1.374	1.267	1.233	1.161	1.134	1.383
FR1 n77_Ant 0 TX0	0.359	0.253	0.194	1.495	1.316	1.108	1.322	1.215	1.181	1.109	1.082	1.331

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	47.1	1.25	0.03	Not required
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	40.7	0.88	0.02	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	84.3	0.76	0.01	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.94	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.91	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	122.0	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.564	17.5	-47.0	-207.0	87.0	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	54.0	0.45	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	10.2	0.42	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 35>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 26_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Back	1g SAR (W/kg)			0.689	0.590	0.302	0.516	0.409	0.375	0.303	0.276	0.525
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM850_Ant 0 TXI	0.497	0.253	0.243	1.652	1.503	1.295	1.509	1.402	1.368	1.296	1.269	1.518
WCDMA_V_Ant 0 TXI	0.370	0.253	0.243	1.555	1.376	1.168	1.382	1.275	1.241	1.169	1.142	1.391
LTE Band 12_Ant 0 TXI	0.264	0.253	0.243	1.449	1.270	1.062	1.276	1.169	1.135	1.063	1.036	1.285
LTE Band 13_Ant 0 TXI	0.427	0.253	0.243	1.612	1.433	1.225	1.439	1.332	1.298	1.226	1.199	1.448
LTE Band 14_Ant 0 TXI	0.427	0.253	0.243	1.612	1.433	1.225	1.439	1.332	1.298	1.226	1.199	1.448
LTE Band 26_Ant 0 Sub TXI	0.540	0.253	0.243	1.725	1.546	1.338	1.552	1.445	1.411	1.339	1.312	1.561
LTE Band 26_Ant 0 TXI	0.389	0.253	0.243	1.574	1.395	1.187	1.401	1.294	1.260	1.188	1.161	1.410
LTE Band 41_Ant 0 Sub TXI	0.564	0.253	0.243	1.749	1.570	1.362	1.576	1.469	1.435	1.363	1.336	1.585
LTE Band 41_Ant 0 TXI	0.416	0.253	0.243	1.601	1.422	1.214	1.428	1.321	1.287	1.215	1.188	1.437
LTE Band 71_Ant 0 TXI	0.340	0.253	0.243	1.525	1.346	1.138	1.352	1.245	1.211	1.139	1.112	1.361
FR1 n12_Ant 0 TXI	0.271	0.253	0.243	1.456	1.277	1.069	1.283	1.176	1.142	1.070	1.043	1.292
FR1 n14_Ant 0 TXI	0.428	0.253	0.243	1.613	1.434	1.226	1.440	1.333	1.299	1.227	1.200	1.449
FR1 n25_Ant 0 Sub TXI	0.497	0.253	0.243	1.652	1.503	1.295	1.509	1.402	1.368	1.296	1.269	1.518
FR1 n25_Ant 0 TXI	0.389	0.253	0.243	1.574	1.395	1.187	1.401	1.294	1.260	1.188	1.161	1.410
FR1 n38_Ant 0 Sub TXI	0.467	0.253	0.243	1.652	1.473	1.265	1.479	1.372	1.338	1.266	1.239	1.488
FR1 n38_Ant 0 TXI	0.434	0.253	0.243	1.619	1.440	1.232	1.446	1.339	1.305	1.233	1.206	1.455
FR1 n41_Ant 0 Sub TXI	0.411	0.253	0.243	1.596	1.417	1.209	1.423	1.316	1.282	1.210	1.183	1.432
FR1 n41_Ant 0 TXI	0.359	0.253	0.243	1.544	1.365	1.157	1.371	1.264	1.230	1.158	1.131	1.380

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	43.9	1.25	0.03	Not required
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	92.4	0.93	0.01	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	20.2	0.78	0.03	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	133.4	0.81	0.01	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	64.0	0.66	0.01	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.94	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.91	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	117.9	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	84.6	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	19.2	0.50	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	57.9	0.35	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	63.7	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	20.9	0.32	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	75.9	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 36>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, Power, Frequency, and SAR values for various antenna configurations (e.g., GSM900, GSM1900, WCDMA, LTE-Band 1-4).

Table with columns: Position, Power, Frequency, and SAR values for various antenna configurations (e.g., GSM900, GSM1900, WCDMA, LTE-Band 1-4).

<Case 37>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, Power, Frequency, and SAR values for various antenna configurations (e.g., GSM900, GSM1900, WCDMA, LTE-Band 1-4).

Table with columns: Position, Power, Frequency, and SAR values for various antenna configurations (e.g., GSM900, GSM1900, WCDMA, LTE-Band 1-4).



<Case 40>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, SAR, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various frequencies and positions.

Table with columns: SAR, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various frequencies and positions.

<Case 41>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, SAR, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various frequencies and positions.

Table with columns: SAR, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various frequencies and positions.



FCC SAR TEST REPORT

Report No. :FA4N0920C

<Case 42>

SPLSR calculation for summation SAR>1.6W/kg

Equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
Back	WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		

Equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
Back	WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		

<Case 43>

SPLSR calculation for summation SAR>1.6W/kg

Equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
Back	WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		

Equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
Back	WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)			WVAAR (dB/m)		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Continental A1 T70	0.60	0.60	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		



<Case 44>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Emission Pattern, W, T, R, S, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various emission patterns like GSM-R, GSM, WCDMA, LTE, etc.

Table with columns: Emission Pattern, W, T, R, S, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various emission patterns like GSM-R, GSM, WCDMA, LTE, etc.

<Case 45>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Emission Pattern, W, T, R, S, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various emission patterns like GSM-R, GSM, WCDMA, LTE, etc.

Table with columns: Emission Pattern, W, T, R, S, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include SAR values for various emission patterns like GSM-R, GSM, WCDMA, LTE, etc.



<Case 46>

SPLSR calculation for summation SAR>1.6W/kg

Table with 26 columns (E, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26) and multiple rows of data for various test cases and SAR values.

Table with 26 columns (E, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26) and multiple rows of data for various test cases and SAR values.

<Case 47>

SPLSR calculation for summation SAR>1.6W/kg

Table with 26 columns (E, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26) and multiple rows of data for various test cases and SAR values.

Table with 26 columns (E, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26) and multiple rows of data for various test cases and SAR values.



<Case 48>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.126	0.369	1.651	1.582	1.757
GSM1900_Ant 1 TX1	0.444	0.126	0.369	1.460	1.391	1.566
WCDMA II_Ant 1 TX1	0.797	0.126	0.369	1.813	1.744	1.919
WCDMA IV_Ant 1 TX1	0.372	0.126	0.369	1.388	1.319	1.494
WCDMA V_Ant 1 TX1	0.361	0.126	0.369	1.377	1.308	1.483
LTE Band 7_Ant 1 TX1	0.795	0.126	0.369	1.811	1.742	1.917
LTE Band 12_Ant 1 TX1	0.233	0.126	0.369	1.249	1.180	1.355
LTE Band 13_Ant 1 TX1	0.405	0.126	0.369	1.421	1.352	1.527
LTE Band 14_Ant 1 TX1	0.377	0.126	0.369	1.393	1.324	1.499
LTE Band 25_Ant 1 TX1	0.643	0.126	0.369	1.659	1.590	1.765
LTE Band 26_Ant 1 TX1	0.372	0.126	0.369	1.388	1.319	1.494
LTE Band 30_Ant 1 TX1	0.764	0.126	0.369	1.780	1.711	1.886
LTE Band 41_Ant 1 TX1	0.803	0.126	0.369	1.819	1.750	1.925
LTE Band 48_Ant 1 TX1	0.542	0.126	0.369	1.558	1.489	1.664
LTE Band 66_Ant 1 TX1	0.353	0.126	0.369	1.369	1.300	1.475
FR1 n7_Ant 1 TX1	0.737	0.126	0.369	1.753	1.684	1.859
FR1 n12_Ant 1 TX1	0.204	0.126	0.369	1.220	1.151	1.326
FR1 n14_Ant 1 TX1	0.313	0.126	0.369	1.329	1.260	1.435
FR1 n25_Ant 1 TX1	0.803	0.126	0.369	1.819	1.750	1.925
FR1 n26_Ant 1 TX1	0.392	0.126	0.369	1.408	1.339	1.514
FR1 n30_Ant 1 TX1	0.718	0.126	0.369	1.734	1.665	1.840
FR1 n38_Ant 1 TX1	0.775	0.126	0.369	1.791	1.722	1.897
FR1 n41_Ant 1 TX1	0.788	0.126	0.369	1.804	1.735	1.910
FR1 n48_Ant 1 TX1	0.765	0.126	0.369	1.781	1.712	1.887
FR1 n66_Ant 1 TX1	0.366	0.126	0.369	1.382	1.313	1.488
FR1 n70_Ant 1 TX1	0.271	0.126	0.369	1.287	1.218	1.393
FR1 n71_Ant 1 TX1	0.232	0.126	0.369	1.248	1.179	1.354
FR1 n77_Ant 1 TX1	0.793	0.126	0.369	1.809	1.740	1.915

SAR peak location (mm)			X (axis)									
			Y (axis)	Z (axis)	0	1	2	9	10	11		
			X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Front				1g SAR (W/kg)			0.521	0.452	0.627
										0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.126	0.369	0.03					0.03
-53.2	64.4	-207	GSM1900_Ant 1 TX1	0.444	0.126	0.369						
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.797	0.126	0.369	0.03			0.03		0.03
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.126	0.369						
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.126	0.369						
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.795	0.126	0.369	0.03			0.03		0.03
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.126	0.369						
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.126	0.369						
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.126	0.369						
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.643	0.126	0.369	0.03					0.03
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.126	0.369						
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.126	0.369	0.03			0.03		0.03
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.126	0.369	0.03			0.03		0.03
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.542	0.126	0.369						0.03
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.126	0.369						
-62.5	60.5	-207	FR1 n7_Ant 1 TX1	0.737	0.126	0.369	0.03			0.03		0.03
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.126	0.369						
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.126	0.369						
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.803	0.126	0.369	0.03			0.03		0.03
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.126	0.369						
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.126	0.369	0.03			0.03		0.03
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.775	0.126	0.369	0.03			0.03		0.03
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.788	0.126	0.369	0.03			0.03		0.03
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.765	0.126	0.369	0.03			0.03		0.03
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.126	0.369						
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.126	0.369						
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.126	0.369						
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.793	0.126	0.369	0.03			0.03		0.03



<Case 49>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.054	0.369	1.579	1.510	1.685
GSM1900_Ant 1 TX1	0.444	0.054	0.369	1.388	1.319	1.494
WCDMA II_Ant 1 TX1	0.797	0.054	0.369	1.741	1.672	1.847
WCDMA IV_Ant 1 TX1	0.372	0.054	0.369	1.316	1.247	1.422
WCDMA V_Ant 1 TX1	0.361	0.054	0.369	1.305	1.236	1.411
LTE Band 7_Ant 1 TX1	0.795	0.054	0.369	1.739	1.670	1.845
LTE Band 12_Ant 1 TX1	0.233	0.054	0.369	1.177	1.108	1.283
LTE Band 13_Ant 1 TX1	0.405	0.054	0.369	1.349	1.280	1.455
LTE Band 14_Ant 1 TX1	0.377	0.054	0.369	1.321	1.252	1.427
LTE Band 25_Ant 1 TX1	0.643	0.054	0.369	1.587	1.518	1.693
LTE Band 26_Ant 1 TX1	0.372	0.054	0.369	1.316	1.247	1.422
LTE Band 30_Ant 1 TX1	0.764	0.054	0.369	1.708	1.639	1.814
LTE Band 41_Ant 1 TX1	0.803	0.054	0.369	1.747	1.678	1.853
LTE Band 48_Ant 1 TX1	0.542	0.054	0.369	1.486	1.417	1.592
LTE Band 66_Ant 1 TX1	0.353	0.054	0.369	1.297	1.228	1.403
FR1 n7_Ant 1 TX1	0.737	0.054	0.369	1.681	1.612	1.787
FR1 n12_Ant 1 TX1	0.204	0.054	0.369	1.148	1.079	1.254
FR1 n14_Ant 1 TX1	0.313	0.054	0.369	1.257	1.188	1.363
FR1 n25_Ant 1 TX1	0.803	0.054	0.369	1.747	1.678	1.853
FR1 n26_Ant 1 TX1	0.392	0.054	0.369	1.336	1.267	1.442
FR1 n30_Ant 1 TX1	0.718	0.054	0.369	1.662	1.593	1.768
FR1 n38_Ant 1 TX1	0.775	0.054	0.369	1.719	1.650	1.825
FR1 n41_Ant 1 TX1	0.788	0.054	0.369	1.732	1.663	1.838
FR1 n48_Ant 1 TX1	0.765	0.054	0.369	1.709	1.640	1.815
FR1 n66_Ant 1 TX1	0.366	0.054	0.369	1.310	1.241	1.416
FR1 n70_Ant 1 TX1	0.271	0.054	0.369	1.215	1.146	1.321
FR1 n71_Ant 1 TX1	0.232	0.054	0.369	1.176	1.107	1.282
FR1 n77_Ant 1 TX1	0.793	0.054	0.369	1.737	1.668	1.843

SAR peak location (mm)			X (axis)		-63.5	-62.3	-54.5	-55.5	-51.5
			Y (axis)		24	36.2	-40	-40	-40
			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	2	9	10	11
X (axis)	Y (axis)	Z (axis)		WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Front	1g SAR (W/kg)			0.521	0.452	0.627
						0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.054	0.369			0.03
-53.2	64.4	-207	GSM1900_Ant 1 TX1	0.444	0.054	0.369			
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.797	0.054	0.369	0.04	0.03	0.04
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.054	0.369			
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.054	0.369			
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.795	0.054	0.369	0.04	0.03	0.04
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.054	0.369			
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.054	0.369			
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.054	0.369			
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.643	0.054	0.369			0.03
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.054	0.369			
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.054	0.369	0.03	0.03	0.04
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.054	0.369	0.04	0.03	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.542	0.054	0.369			
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.054	0.369			
-62.5	60.5	-207	FR1 n7_Ant 1 TX1	0.737	0.054	0.369	0.03	0.03	0.04
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.054	0.369			
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.054	0.369			
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.803	0.054	0.369	0.04	0.03	0.04
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.054	0.369			
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.054	0.369	0.03		0.04
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.775	0.054	0.369	0.03	0.03	0.04
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.788	0.054	0.369	0.04	0.03	0.04
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.765	0.054	0.369	0.03	0.03	0.04
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.054	0.369			
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.054	0.369			
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.054	0.369			
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.793	0.054	0.369	0.04	0.03	0.04



<Case 50>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.194	0.369	1.719	1.650	1.825
GSM1900_Ant 1 TX1	0.444	0.194	0.369	1.528	1.459	1.634
WCDMA II_Ant 1 TX1	0.797	0.194	0.369	1.881	1.812	1.987
WCDMA IV_Ant 1 TX1	0.372	0.194	0.369	1.456	1.387	1.562
WCDMA V_Ant 1 TX1	0.361	0.194	0.369	1.445	1.376	1.551
LTE Band 7_Ant 1 TX1	0.795	0.194	0.369	1.879	1.810	1.985
LTE Band 12_Ant 1 TX1	0.233	0.194	0.369	1.317	1.248	1.423
LTE Band 13_Ant 1 TX1	0.405	0.194	0.369	1.489	1.420	1.595
LTE Band 14_Ant 1 TX1	0.377	0.194	0.369	1.461	1.392	1.567
LTE Band 25_Ant 1 TX1	0.643	0.194	0.369	1.727	1.658	1.833
LTE Band 26_Ant 1 TX1	0.372	0.194	0.369	1.456	1.387	1.562
LTE Band 30_Ant 1 TX1	0.764	0.194	0.369	1.848	1.779	1.954
LTE Band 41_Ant 1 TX1	0.803	0.194	0.369	1.887	1.818	1.993
LTE Band 48_Ant 1 TX1	0.542	0.194	0.369	1.626	1.557	1.732
LTE Band 66_Ant 1 TX1	0.353	0.194	0.369	1.437	1.368	1.543
FR1 n7_Ant 1 TX1	0.737	0.194	0.369	1.821	1.752	1.927
FR1 n12_Ant 1 TX1	0.204	0.194	0.369	1.288	1.219	1.394
FR1 n14_Ant 1 TX1	0.313	0.194	0.369	1.397	1.328	1.503
FR1 n25_Ant 1 TX1	0.803	0.194	0.369	1.887	1.818	1.993
FR1 n26_Ant 1 TX1	0.392	0.194	0.369	1.476	1.407	1.582
FR1 n30_Ant 1 TX1	0.718	0.194	0.369	1.802	1.733	1.908
FR1 n38_Ant 1 TX1	0.775	0.194	0.369	1.859	1.790	1.965
FR1 n41_Ant 1 TX1	0.788	0.194	0.369	1.872	1.803	1.978
FR1 n48_Ant 1 TX1	0.765	0.194	0.369	1.849	1.780	1.955
FR1 n66_Ant 1 TX1	0.366	0.194	0.369	1.450	1.381	1.556
FR1 n70_Ant 1 TX1	0.271	0.194	0.369	1.355	1.286	1.461
FR1 n71_Ant 1 TX1	0.232	0.194	0.369	1.316	1.247	1.422
FR1 n77_Ant 1 TX1	0.793	0.194	0.369	1.877	1.808	1.983

SAR peak location (mm)			X (axis)	0	1	2	9	10	11	
X (axis)	Y (axis)	Z (axis)	Y (axis)	Exposure Position	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Z (axis)							
				Front	1g SAR (W/kg)			0.521	0.452	0.627
								0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-56.4	64.9	-207		GSM850_Ant 1 TX1	0.635	0.194	0.369	0.03	0.03	0.03
-63.2	64.4	-207		GSM1900_Ant 1 TX1	0.444	0.194	0.369			0.03
-64.2	66.8	-207		WCDMA II_Ant 1 TX1	0.797	0.194	0.369	0.04	0.03	0.04
-61.9	75.3	-207		WCDMA IV_Ant 1 TX1	0.372	0.194	0.369			
-56.1	62.8	-207		WCDMA V_Ant 1 TX1	0.361	0.194	0.369			
-63.5	63	-207		LTE Band 7_Ant 1 TX1	0.795	0.194	0.369	0.04	0.03	0.04
-55.3	58.3	-207		LTE Band 12_Ant 1 TX1	0.233	0.194	0.369			
-54.1	58.6	-207		LTE Band 13_Ant 1 TX1	0.405	0.194	0.369			0.03
-54.1	58.6	-207		LTE Band 14_Ant 1 TX1	0.377	0.194	0.369			
-55.7	68.2	-207		LTE Band 25_Ant 1 TX1	0.643	0.194	0.369	0.03	0.03	0.04
-55.6	61.6	-207		LTE Band 26_Ant 1 TX1	0.372	0.194	0.369			
-64.5	69	-207		LTE Band 30_Ant 1 TX1	0.764	0.194	0.369	0.04	0.03	0.04
-60.5	62	-207		LTE Band 41_Ant 1 TX1	0.803	0.194	0.369	0.04	0.03	0.04
-63.5	52	-207		LTE Band 48_Ant 1 TX1	0.542	0.194	0.369	0.03		0.03
-65.4	74.2	-207		LTE Band 66_Ant 1 TX1	0.353	0.194	0.369			
-62.5	60.5	-207		FR1 n7_Ant 1 TX1	0.737	0.194	0.369	0.03	0.03	0.04
-58.4	57.9	-207		FR1 n12_Ant 1 TX1	0.204	0.194	0.369			
-56.1	57.1	-207		FR1 n14_Ant 1 TX1	0.313	0.194	0.369			
-65.4	66.8	-207		FR1 n25_Ant 1 TX1	0.803	0.194	0.369	0.04	0.03	0.04
-54.9	63.1	-207		FR1 n26_Ant 1 TX1	0.392	0.194	0.369			
-64.5	68	-207		FR1 n30_Ant 1 TX1	0.718	0.194	0.369	0.03	0.03	0.04
-60.5	61	-207		FR1 n38_Ant 1 TX1	0.775	0.194	0.369	0.04	0.03	0.04
-61.5	61	-207		FR1 n41_Ant 1 TX1	0.788	0.194	0.369	0.04	0.03	0.04
-64.5	52	-207		FR1 n48_Ant 1 TX1	0.765	0.194	0.369	0.04	0.03	0.04
-64.7	72	-207		FR1 n66_Ant 1 TX1	0.366	0.194	0.369			
-65.3	70.8	-207		FR1 n70_Ant 1 TX1	0.271	0.194	0.369			
-59.9	61.8	-207		FR1 n71_Ant 1 TX1	0.232	0.194	0.369			
-62	56.5	-207		FR1 n77_Ant 1 TX1	0.793	0.194	0.369	0.04	0.03	0.04



<Case 51>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, 0, 1, 7, 9, 10, 11. Rows include antenna types like GSM850_Ant 1 TX1, GSM1900_Ant 1 TX1, WCDMA II_Ant 1 TX1, etc.

Table with columns: SAR peak location (mm) X, Y, Z; Exposure Position; 0, 1, 7, 9, 10, 11. Rows include antenna types like GSM850_Ant 1 TX1, GSM1900_Ant 1 TX1, WCDMA II_Ant 1 TX1, etc.



<Case 52>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.369	0.244	1.769	1.700	1.875
GSM1900_Ant 1 TX1	0.444	0.369	0.244	1.578	1.509	1.684
WCDMA II_Ant 1 TX1	0.797	0.369	0.244	1.931	1.862	2.037
WCDMA IV_Ant 1 TX1	0.372	0.369	0.244	1.506	1.437	1.612
WCDMA V_Ant 1 TX1	0.361	0.369	0.244	1.495	1.426	1.601
LTE Band 7_Ant 1 TX1	0.795	0.369	0.244	1.929	1.860	2.035
LTE Band 12_Ant 1 TX1	0.233	0.369	0.244	1.367	1.298	1.473
LTE Band 13_Ant 1 TX1	0.405	0.369	0.244	1.539	1.470	1.645
LTE Band 14_Ant 1 TX1	0.377	0.369	0.244	1.511	1.442	1.617
LTE Band 25_Ant 1 TX1	0.643	0.369	0.244	1.777	1.708	1.883
LTE Band 26_Ant 1 TX1	0.372	0.369	0.244	1.506	1.437	1.612
LTE Band 30_Ant 1 TX1	0.764	0.369	0.244	1.898	1.829	2.004
LTE Band 41_Ant 1 TX1	0.803	0.369	0.244	1.937	1.868	2.043
LTE Band 48_Ant 1 TX1	0.542	0.369	0.244	1.676	1.607	1.782
LTE Band 66_Ant 1 TX1	0.353	0.369	0.244	1.487	1.418	1.593
FR1 n7_Ant 1 TX1	0.737	0.369	0.244	1.871	1.802	1.977
FR1 n12_Ant 1 TX1	0.204	0.369	0.244	1.338	1.269	1.444
FR1 n14_Ant 1 TX1	0.313	0.369	0.244	1.447	1.378	1.553
FR1 n25_Ant 1 TX1	0.803	0.369	0.244	1.937	1.868	2.043
FR1 n26_Ant 1 TX1	0.392	0.369	0.244	1.526	1.457	1.632
FR1 n30_Ant 1 TX1	0.718	0.369	0.244	1.852	1.783	1.958
FR1 n38_Ant 1 TX1	0.775	0.369	0.244	1.909	1.840	2.015
FR1 n41_Ant 1 TX1	0.788	0.369	0.244	1.922	1.853	2.028
FR1 n48_Ant 1 TX1	0.765	0.369	0.244	1.899	1.830	2.005
FR1 n66_Ant 1 TX1	0.366	0.369	0.244	1.500	1.431	1.606
FR1 n70_Ant 1 TX1	0.271	0.369	0.244	1.405	1.336	1.511
FR1 n71_Ant 1 TX1	0.232	0.369	0.244	1.366	1.297	1.472
FR1 n77_Ant 1 TX1	0.793	0.369	0.244	1.927	1.858	2.033

SAR peak location (mm)			X (axis)		-62.3	-63.5	-64.5	-65.5	-61.5
			Y (axis)		36.2	26	-40	-40	-40
Z (axis)			0		-207	-207	-207	-207	-207
			Exposure Position		0	1	7	9	10
X (axis)	Y (axis)	Z (axis)	Front	1g SAR (W/kg)			0.521	0.452	0.627
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	
-64.2	64.9	-207	GSM850_Ant 1 TX1	0.635	0.369	0.244	0.04	0.03	0.04
-63.2	64.4	-207	GSM1900_Ant 1 TX1	0.444	0.369	0.244			0.03
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.797	0.369	0.244	0.04	0.04	0.04
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.369	0.244			0.03
-66.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.369	0.244			0.03
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.795	0.369	0.244	0.04	0.04	0.04
-65.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.369	0.244			
-65.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.369	0.244			0.03
-64.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.369	0.244			
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.643	0.369	0.244	0.04	0.03	0.04
-65.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.369	0.244			0.03
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.369	0.244	0.04	0.04	0.04
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.369	0.244	0.04	0.04	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.542	0.369	0.244	0.03	0.03	0.04
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.369	0.244			
-62.5	60.5	-207	FR1 n7_Ant 1 TX1	0.737	0.369	0.244	0.04	0.04	0.04
-68.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.369	0.244			
-66.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.369	0.244			
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.803	0.369	0.244	0.04	0.04	0.04
-64.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.369	0.244			0.03
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.369	0.244	0.04	0.04	0.04
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.775	0.369	0.244	0.04	0.04	0.04
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.788	0.369	0.244	0.04	0.04	0.04
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.765	0.369	0.244	0.04	0.04	0.04
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.369	0.244			0.03
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.369	0.244			
-69.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.369	0.244			
-62	66.5	-207	FR1 n77_Ant 1 TX1	0.793	0.369	0.244	0.04	0.04	0.04



<Case 53>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.369	0.242	1.767	1.698	1.873
GSM1900_Ant 1 TX1	0.444	0.369	0.242	1.576	1.507	1.682
WCDMA II_Ant 1 TX1	0.797	0.369	0.242	1.929	1.860	2.035
WCDMA IV_Ant 1 TX1	0.372	0.369	0.242	1.504	1.435	1.610
WCDMA V_Ant 1 TX1	0.361	0.369	0.242	1.493	1.424	1.599
LTE Band 7_Ant 1 TX1	0.795	0.369	0.242	1.927	1.858	2.033
LTE Band 12_Ant 1 TX1	0.233	0.369	0.242	1.365	1.296	1.471
LTE Band 13_Ant 1 TX1	0.405	0.369	0.242	1.537	1.468	1.643
LTE Band 14_Ant 1 TX1	0.377	0.369	0.242	1.509	1.440	1.615
LTE Band 25_Ant 1 TX1	0.643	0.369	0.242	1.775	1.706	1.881
LTE Band 26_Ant 1 TX1	0.372	0.369	0.242	1.504	1.435	1.610
LTE Band 30_Ant 1 TX1	0.764	0.369	0.242	1.896	1.827	2.002
LTE Band 41_Ant 1 TX1	0.803	0.369	0.242	1.935	1.866	2.041
LTE Band 48_Ant 1 TX1	0.542	0.369	0.242	1.674	1.605	1.780
LTE Band 66_Ant 1 TX1	0.353	0.369	0.242	1.485	1.416	1.591
FR1 n7_Ant 1 TX1	0.737	0.369	0.242	1.869	1.800	1.975
FR1 n12_Ant 1 TX1	0.204	0.369	0.242	1.336	1.267	1.442
FR1 n14_Ant 1 TX1	0.313	0.369	0.242	1.445	1.376	1.551
FR1 n25_Ant 1 TX1	0.803	0.369	0.242	1.935	1.866	2.041
FR1 n26_Ant 1 TX1	0.392	0.369	0.242	1.524	1.455	1.630
FR1 n30_Ant 1 TX1	0.718	0.369	0.242	1.850	1.781	1.956
FR1 n38_Ant 1 TX1	0.775	0.369	0.242	1.907	1.838	2.013
FR1 n41_Ant 1 TX1	0.788	0.369	0.242	1.920	1.851	2.026
FR1 n48_Ant 1 TX1	0.765	0.369	0.242	1.897	1.828	2.003
FR1 n66_Ant 1 TX1	0.366	0.369	0.242	1.498	1.429	1.604
FR1 n70_Ant 1 TX1	0.271	0.369	0.242	1.403	1.334	1.509
FR1 n71_Ant 1 TX1	0.232	0.369	0.242	1.364	1.295	1.470
FR1 n77_Ant 1 TX1	0.793	0.369	0.242	1.925	1.856	2.031

SAR peak location (mm)			X (axis)	Y (axis)	Z (axis)	0	1	7	9	10	11	
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	0.521	0.452	0.627
										Front	1g SAR (W/kg)	0+1+7+9 SPLSR Results
-62.3												
36.2												
-207												
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.369	0.242	0.04	0.03	0.04			
-63.2	64.4	-207	GSM1900_Ant 1 TX1	0.444	0.369	0.242						
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.797	0.369	0.242	0.04	0.04	0.04			
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.369	0.242						
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.369	0.242						
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.795	0.369	0.242	0.04	0.04	0.04			
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.369	0.242						
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.369	0.242						
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.369	0.242						
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.643	0.369	0.242	0.04	0.03	0.04			
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.369	0.242						
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.369	0.242	0.04	0.04	0.04			
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.369	0.242	0.04	0.04	0.04			
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.542	0.369	0.242	0.03	0.03	0.03			
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.369	0.242						
-62.5	60.5	-207	FR1 n7_Ant 1 TX1	0.737	0.369	0.242	0.04	0.04	0.04			
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.369	0.242						
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.369	0.242						
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.803	0.369	0.242	0.04	0.04	0.04			
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.369	0.242						
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.369	0.242	0.04	0.04	0.04			
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.775	0.369	0.242	0.04	0.04	0.04			
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.788	0.369	0.242	0.04	0.04	0.04			
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.765	0.369	0.242	0.04	0.04	0.04			
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.369	0.242						
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.369	0.242						
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.369	0.242						
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.793	0.369	0.242	0.04	0.04	0.04			



<Case 54>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.081	0.253	1.333	1.285	1.403
GSM1900_Ant 1 TX1	0.525	0.081	0.253	1.359	1.311	1.429
WCDMA II_Ant 1 TX1	0.478	0.081	0.253	1.312	1.264	1.382
WCDMA IV_Ant 1 TX1	0.285	0.081	0.253	1.119	1.071	1.189
WCDMA V_Ant 1 TX1	0.231	0.081	0.253	1.065	1.017	1.135
LTE Band 7_Ant 1 TX1	0.648	0.081	0.253	1.482	1.434	1.552
LTE Band 12_Ant 1 TX1	0.157	0.081	0.253	0.991	0.943	1.061
LTE Band 13_Ant 1 TX1	0.261	0.081	0.253	1.095	1.047	1.165
LTE Band 14_Ant 1 TX1	0.253	0.081	0.253	1.087	1.039	1.157
LTE Band 25_Ant 1 TX1	0.726	0.081	0.253	1.560	1.512	1.630
LTE Band 26_Ant 1 TX1	0.262	0.081	0.253	1.096	1.048	1.166
LTE Band 30_Ant 1 TX1	0.629	0.081	0.253	1.463	1.415	1.533
LTE Band 41_Ant 1 TX1	0.471	0.081	0.253	1.305	1.257	1.375
LTE Band 48_Ant 1 TX1	0.381	0.081	0.253	1.215	1.167	1.285
LTE Band 66_Ant 1 TX1	0.294	0.081	0.253	1.128	1.080	1.198
FR1 n7_Ant 1 TX1	0.724	0.081	0.253	1.558	1.510	1.628
FR1 n12_Ant 1 TX1	0.166	0.081	0.253	1.000	0.952	1.070
FR1 n14_Ant 1 TX1	0.280	0.081	0.253	1.114	1.066	1.184
FR1 n25_Ant 1 TX1	0.765	0.081	0.253	1.599	1.551	1.669
FR1 n26_Ant 1 TX1	0.234	0.081	0.253	1.068	1.020	1.138
FR1 n30_Ant 1 TX1	0.635	0.081	0.253	1.469	1.421	1.539
FR1 n38_Ant 1 TX1	0.626	0.081	0.253	1.460	1.412	1.530
FR1 n41_Ant 1 TX1	0.734	0.081	0.253	1.568	1.520	1.638
FR1 n48_Ant 1 TX1	0.526	0.081	0.253	1.360	1.312	1.430
FR1 n66_Ant 1 TX1	0.328	0.081	0.253	1.162	1.114	1.232
FR1 n70_Ant 1 TX1	0.229	0.081	0.253	1.063	1.015	1.133
FR1 n71_Ant 1 TX1	0.206	0.081	0.253	1.040	0.992	1.110
FR1 n77_Ant 1 TX1	0.547	0.081	0.253	1.381	1.333	1.451

SAR peak location (mm)			X (axis)		-29.5	14.7	0.5	-0.5	1
			Y (axis)		80	40	-58	-55	-57
Z (axis)			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	2	9	10	11
X (axis)	Y (axis)	Z (axis)		WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
						0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.081	0.253			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.525	0.081	0.253			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.478	0.081	0.253			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.081	0.253			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.081	0.253			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.648	0.081	0.253			
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.081	0.253			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.081	0.253			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.081	0.253			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.726	0.081	0.253			0.02
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.081	0.253			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.081	0.253			
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.081	0.253			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.381	0.081	0.253			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.081	0.253			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.724	0.081	0.253			0.02
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.081	0.253			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.081	0.253			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.765	0.081	0.253	0.02		0.02
4.3	62.6	-207	FR1 n26_Ant 1 TX1	0.234	0.081	0.253			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.081	0.253			
13.5	59	-207	FR1 n38_Ant 1 TX1	0.626	0.081	0.253			
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.734	0.081	0.253			0.02
17	50.5	-207	FR1 n48_Ant 1 TX1	0.526	0.081	0.253			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.081	0.253			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.081	0.253			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.081	0.253			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.547	0.081	0.253			



<Case 55>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)					
				0.500	0.452	0.570
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.039	0.253	1.291	1.243	1.361
GSM1900_Ant 1 TX1	0.525	0.039	0.253	1.317	1.269	1.387
WCDMA II_Ant 1 TX1	0.478	0.039	0.253	1.270	1.222	1.340
WCDMA IV_Ant 1 TX1	0.285	0.039	0.253	1.077	1.029	1.147
WCDMA V_Ant 1 TX1	0.231	0.039	0.253	1.023	0.975	1.093
LTE Band 7_Ant 1 TX1	0.648	0.039	0.253	1.440	1.392	1.510
LTE Band 12_Ant 1 TX1	0.157	0.039	0.253	0.949	0.901	1.019
LTE Band 13_Ant 1 TX1	0.261	0.039	0.253	1.053	1.005	1.123
LTE Band 14_Ant 1 TX1	0.253	0.039	0.253	1.045	0.997	1.115
LTE Band 25_Ant 1 TX1	0.726	0.039	0.253	1.518	1.470	1.588
LTE Band 26_Ant 1 TX1	0.262	0.039	0.253	1.054	1.006	1.124
LTE Band 30_Ant 1 TX1	0.629	0.039	0.253	1.421	1.373	1.491
LTE Band 41_Ant 1 TX1	0.471	0.039	0.253	1.263	1.215	1.333
LTE Band 48_Ant 1 TX1	0.381	0.039	0.253	1.173	1.125	1.243
LTE Band 66_Ant 1 TX1	0.294	0.039	0.253	1.086	1.038	1.156
FR1 n7_Ant 1 TX1	0.724	0.039	0.253	1.516	1.468	1.586
FR1 n12_Ant 1 TX1	0.166	0.039	0.253	0.958	0.910	1.028
FR1 n14_Ant 1 TX1	0.280	0.039	0.253	1.072	1.024	1.142
FR1 n25_Ant 1 TX1	0.765	0.039	0.253	1.557	1.509	1.627
FR1 n26_Ant 1 TX1	0.234	0.039	0.253	1.026	0.978	1.096
FR1 n30_Ant 1 TX1	0.635	0.039	0.253	1.427	1.379	1.497
FR1 n38_Ant 1 TX1	0.626	0.039	0.253	1.418	1.370	1.488
FR1 n41_Ant 1 TX1	0.734	0.039	0.253	1.526	1.478	1.596
FR1 n48_Ant 1 TX1	0.526	0.039	0.253	1.318	1.270	1.388
FR1 n66_Ant 1 TX1	0.328	0.039	0.253	1.120	1.072	1.190
FR1 n70_Ant 1 TX1	0.229	0.039	0.253	1.021	0.973	1.091
FR1 n71_Ant 1 TX1	0.206	0.039	0.253	0.998	0.950	1.068
FR1 n77_Ant 1 TX1	0.547	0.039	0.253	1.339	1.291	1.409

SAR peak location (mm)			X (axis)		13.5	14.7	0.5	-0.5	1
			Y (axis)		18	40	-58	-55	-57
Z (axis)			0		-207	-207	-207	-207	-207
			Exposure Position		0	1	2	9	10
X (axis)	Y (axis)	Z (axis)	Back	1g SAR (W/kg)			0.5	0.452	0.57
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.039	0.253			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.525	0.039	0.253			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.478	0.039	0.253			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.039	0.253			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.039	0.253			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.648	0.039	0.253			
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.039	0.253			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.039	0.253			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.039	0.253			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.726	0.039	0.253			
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.039	0.253			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.039	0.253			
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.039	0.253			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.381	0.039	0.253			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.039	0.253			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.724	0.039	0.253			
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.039	0.253			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.039	0.253			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.765	0.039	0.253			0.03
4.3	62.6	-207	FR1 n26_Ant 1 TX1	0.234	0.039	0.253			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.039	0.253			
13.5	59	-207	FR1 n38_Ant 1 TX1	0.626	0.039	0.253			
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.734	0.039	0.253			0.03
17	50.5	-207	FR1 n48_Ant 1 TX1	0.526	0.039	0.253			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.039	0.253			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.039	0.253			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.039	0.253			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.547	0.039	0.253			



<Case 56>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.185	0.253	1.437	1.389	1.507
GSM1900_Ant 1 TX1	0.525	0.185	0.253	1.463	1.415	1.533
WCDMA II_Ant 1 TX1	0.478	0.185	0.253	1.416	1.368	1.486
WCDMA IV_Ant 1 TX1	0.285	0.185	0.253	1.223	1.175	1.293
WCDMA V_Ant 1 TX1	0.231	0.185	0.253	1.169	1.121	1.239
LTE Band 7_Ant 1 TX1	0.648	0.185	0.253	1.586	1.538	1.656
LTE Band 12_Ant 1 TX1	0.157	0.185	0.253	1.095	1.047	1.165
LTE Band 13_Ant 1 TX1	0.261	0.185	0.253	1.199	1.151	1.269
LTE Band 14_Ant 1 TX1	0.253	0.185	0.253	1.191	1.143	1.261
LTE Band 25_Ant 1 TX1	0.726	0.185	0.253	1.664	1.616	1.734
LTE Band 26_Ant 1 TX1	0.262	0.185	0.253	1.200	1.152	1.270
LTE Band 30_Ant 1 TX1	0.629	0.185	0.253	1.567	1.519	1.637
LTE Band 41_Ant 1 TX1	0.471	0.185	0.253	1.409	1.361	1.479
LTE Band 48_Ant 1 TX1	0.381	0.185	0.253	1.319	1.271	1.389
LTE Band 66_Ant 1 TX1	0.294	0.185	0.253	1.232	1.184	1.302
FR1 n7_Ant 1 TX1	0.724	0.185	0.253	1.662	1.614	1.732
FR1 n12_Ant 1 TX1	0.166	0.185	0.253	1.104	1.056	1.174
FR1 n14_Ant 1 TX1	0.280	0.185	0.253	1.218	1.170	1.288
FR1 n25_Ant 1 TX1	0.765	0.185	0.253	1.703	1.655	1.773
FR1 n26_Ant 1 TX1	0.234	0.185	0.253	1.172	1.124	1.242
FR1 n30_Ant 1 TX1	0.635	0.185	0.253	1.573	1.525	1.643
FR1 n38_Ant 1 TX1	0.626	0.185	0.253	1.564	1.516	1.634
FR1 n41_Ant 1 TX1	0.734	0.185	0.253	1.672	1.624	1.742
FR1 n48_Ant 1 TX1	0.526	0.185	0.253	1.464	1.416	1.534
FR1 n66_Ant 1 TX1	0.328	0.185	0.253	1.266	1.218	1.336
FR1 n70_Ant 1 TX1	0.229	0.185	0.253	1.167	1.119	1.237
FR1 n71_Ant 1 TX1	0.206	0.185	0.253	1.144	1.096	1.214
FR1 n77_Ant 1 TX1	0.547	0.185	0.253	1.485	1.437	1.555

SAR peak location (mm)			X (axis)		10.5	14.7	0.5	-0.5	1
			Y (axis)		22	40	-58	-55	-57
Z (axis)			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	2	9	10	11
X (axis)	Y (axis)	Z (axis)		Back	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0
			1g SAR (W/kg)				0.5	0.452	0.57
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.185	0.253			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.525	0.185	0.253			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.478	0.185	0.253			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.185	0.253			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.185	0.253			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.648	0.185	0.253			0.03
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.185	0.253			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.185	0.253			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.185	0.253			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.726	0.185	0.253	0.03	0.03	0.03
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.185	0.253			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.185	0.253			0.03
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.185	0.253			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.381	0.185	0.253			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.185	0.253			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.724	0.185	0.253	0.03	0.03	0.03
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.185	0.253			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.185	0.253			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.765	0.185	0.253	0.03	0.03	0.03
4.3	62.6	-207	FR1 n26_Ant 1 TX1	0.234	0.185	0.253			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.185	0.253			0.03
13.5	59	-207	FR1 n38_Ant 1 TX1	0.626	0.185	0.253			0.03
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.734	0.185	0.253	0.03	0.03	0.03
17	50.5	-207	FR1 n48_Ant 1 TX1	0.526	0.185	0.253			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.185	0.253			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.185	0.253			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.185	0.253			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.547	0.185	0.253			



<Case 57>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.253	0.201	1.453	1.405	1.523
GSM1900_Ant 1 TX1	0.525	0.253	0.201	1.479	1.431	1.549
WCDMA II_Ant 1 TX1	0.478	0.253	0.201	1.432	1.384	1.502
WCDMA IV_Ant 1 TX1	0.285	0.253	0.201	1.239	1.191	1.309
WCDMA V_Ant 1 TX1	0.231	0.253	0.201	1.185	1.137	1.255
LTE Band 7_Ant 1 TX1	0.648	0.253	0.201	1.602	1.554	1.672
LTE Band 12_Ant 1 TX1	0.157	0.253	0.201	1.111	1.063	1.181
LTE Band 13_Ant 1 TX1	0.261	0.253	0.201	1.215	1.167	1.285
LTE Band 14_Ant 1 TX1	0.253	0.253	0.201	1.207	1.159	1.277
LTE Band 25_Ant 1 TX1	0.726	0.253	0.201	1.680	1.632	1.750
LTE Band 26_Ant 1 TX1	0.262	0.253	0.201	1.216	1.168	1.286
LTE Band 30_Ant 1 TX1	0.629	0.253	0.201	1.583	1.535	1.653
LTE Band 41_Ant 1 TX1	0.471	0.253	0.201	1.425	1.377	1.495
LTE Band 48_Ant 1 TX1	0.381	0.253	0.201	1.335	1.287	1.405
LTE Band 66_Ant 1 TX1	0.294	0.253	0.201	1.248	1.200	1.318
FR1 n7_Ant 1 TX1	0.724	0.253	0.201	1.678	1.630	1.748
FR1 n12_Ant 1 TX1	0.166	0.253	0.201	1.120	1.072	1.190
FR1 n14_Ant 1 TX1	0.280	0.253	0.201	1.234	1.186	1.304
FR1 n25_Ant 1 TX1	0.765	0.253	0.201	1.719	1.671	1.789
FR1 n26_Ant 1 TX1	0.234	0.253	0.201	1.188	1.140	1.258
FR1 n30_Ant 1 TX1	0.635	0.253	0.201	1.589	1.541	1.659
FR1 n38_Ant 1 TX1	0.626	0.253	0.201	1.580	1.532	1.650
FR1 n41_Ant 1 TX1	0.734	0.253	0.201	1.688	1.640	1.758
FR1 n48_Ant 1 TX1	0.526	0.253	0.201	1.480	1.432	1.550
FR1 n66_Ant 1 TX1	0.328	0.253	0.201	1.282	1.234	1.352
FR1 n70_Ant 1 TX1	0.229	0.253	0.201	1.183	1.135	1.253
FR1 n71_Ant 1 TX1	0.206	0.253	0.201	1.160	1.112	1.230
FR1 n77_Ant 1 TX1	0.547	0.253	0.201	1.501	1.453	1.571

SAR peak location (mm)			X (axis)		14.7	-29.5	0.5	-0.5	1
			Y (axis)		40	82	-58	-55	-57
Z (axis)			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	7	9	10	11
X (axis)	Y (axis)	Z (axis)		Back	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.253	0.201			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.525	0.253	0.201			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.478	0.253	0.201			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.253	0.201			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.253	0.201			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.648	0.253	0.201	0.02		0.02
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.253	0.201			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.253	0.201			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.253	0.201			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.726	0.253	0.201	0.02	0.02	0.02
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.253	0.201			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.253	0.201			0.02
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.253	0.201			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.381	0.253	0.201			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.253	0.201			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.724	0.253	0.201	0.02	0.02	0.02
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.253	0.201			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.253	0.201			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.765	0.253	0.201	0.02	0.02	0.02
4.3	62.6	-207	FR1 n26_Ant 1 TX1	0.234	0.253	0.201			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.253	0.201			0.02
13.5	59	-207	FR1 n38_Ant 1 TX1	0.626	0.253	0.201			0.02
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.734	0.253	0.201	0.02	0.02	0.02
17	50.5	-207	FR1 n48_Ant 1 TX1	0.526	0.253	0.201			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.253	0.201			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.253	0.201			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.253	0.201			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.547	0.253	0.201			



<Case 58>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.253	0.194	1.446	1.398	1.516
GSM1900_Ant 1 TX1	0.525	0.253	0.194	1.472	1.424	1.542
WCDMA II_Ant 1 TX1	0.478	0.253	0.194	1.425	1.377	1.495
WCDMA IV_Ant 1 TX1	0.285	0.253	0.194	1.232	1.184	1.302
WCDMA V_Ant 1 TX1	0.231	0.253	0.194	1.178	1.130	1.248
LTE Band 7_Ant 1 TX1	0.648	0.253	0.194	1.595	1.547	1.665
LTE Band 12_Ant 1 TX1	0.157	0.253	0.194	1.104	1.056	1.174
LTE Band 13_Ant 1 TX1	0.261	0.253	0.194	1.208	1.160	1.278
LTE Band 14_Ant 1 TX1	0.253	0.253	0.194	1.200	1.152	1.270
LTE Band 25_Ant 1 TX1	0.726	0.253	0.194	1.673	1.625	1.743
LTE Band 26_Ant 1 TX1	0.262	0.253	0.194	1.209	1.161	1.279
LTE Band 30_Ant 1 TX1	0.629	0.253	0.194	1.576	1.528	1.646
LTE Band 41_Ant 1 TX1	0.471	0.253	0.194	1.418	1.370	1.488
LTE Band 48_Ant 1 TX1	0.381	0.253	0.194	1.328	1.280	1.398
LTE Band 66_Ant 1 TX1	0.294	0.253	0.194	1.241	1.193	1.311
FR1 n7_Ant 1 TX1	0.724	0.253	0.194	1.671	1.623	1.741
FR1 n12_Ant 1 TX1	0.166	0.253	0.194	1.113	1.065	1.183
FR1 n14_Ant 1 TX1	0.280	0.253	0.194	1.227	1.179	1.297
FR1 n25_Ant 1 TX1	0.765	0.253	0.194	1.712	1.664	1.782
FR1 n26_Ant 1 TX1	0.234	0.253	0.194	1.181	1.133	1.251
FR1 n30_Ant 1 TX1	0.635	0.253	0.194	1.582	1.534	1.652
FR1 n38_Ant 1 TX1	0.626	0.253	0.194	1.573	1.525	1.643
FR1 n41_Ant 1 TX1	0.734	0.253	0.194	1.681	1.633	1.751
FR1 n48_Ant 1 TX1	0.526	0.253	0.194	1.473	1.425	1.543
FR1 n66_Ant 1 TX1	0.328	0.253	0.194	1.275	1.227	1.345
FR1 n70_Ant 1 TX1	0.229	0.253	0.194	1.176	1.128	1.246
FR1 n71_Ant 1 TX1	0.206	0.253	0.194	1.153	1.105	1.223
FR1 n77_Ant 1 TX1	0.547	0.253	0.194	1.494	1.446	1.564

SAR peak location (mm)			X (axis)		14.7	24.5	0.5	-0.5	1
			Y (axis)		40	37	-58	-55	-57
Z (axis)			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	7	9	10	11
X (axis)	Y (axis)	Z (axis)		Back	1g SAR (W/kg)			0.5	0.452
			WWAN SAR		WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.253	0.194			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.525	0.253	0.194			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.478	0.253	0.194			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.253	0.194			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.253	0.194			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.648	0.253	0.194			0.02
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.253	0.194			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.253	0.194			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.253	0.194			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.726	0.253	0.194	0.02	0.02	0.02
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.253	0.194			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.253	0.194			0.02
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.253	0.194			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.381	0.253	0.194			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.253	0.194			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.724	0.253	0.194	0.02	0.02	0.02
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.253	0.194			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.253	0.194			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.765	0.253	0.194	0.02	0.02	0.02
4.3	62.6	-207	FR1 n26_Ant 1 TX1	0.234	0.253	0.194			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.253	0.194			0.02
13.5	59	-207	FR1 n38_Ant 1 TX1	0.626	0.253	0.194			0.02
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.734	0.253	0.194	0.02	0.02	0.02
17	50.5	-207	FR1 n48_Ant 1 TX1	0.526	0.253	0.194			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.253	0.194			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.253	0.194			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.253	0.194			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.547	0.253	0.194			



<Case 59>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.253	0.243	1.495	1.447	1.565
GSM1900_Ant 1 TX1	0.525	0.253	0.243	1.521	1.473	1.591
WCDMA II_Ant 1 TX1	0.478	0.253	0.243	1.474	1.426	1.544
WCDMA IV_Ant 1 TX1	0.285	0.253	0.243	1.281	1.233	1.351
WCDMA V_Ant 1 TX1	0.231	0.253	0.243	1.227	1.179	1.297
LTE Band 7_Ant 1 TX1	0.648	0.253	0.243	1.644	1.596	1.714
LTE Band 12_Ant 1 TX1	0.157	0.253	0.243	1.153	1.105	1.223
LTE Band 13_Ant 1 TX1	0.261	0.253	0.243	1.257	1.209	1.327
LTE Band 14_Ant 1 TX1	0.253	0.253	0.243	1.249	1.201	1.319
LTE Band 25_Ant 1 TX1	0.726	0.253	0.243	1.722	1.674	1.792
LTE Band 26_Ant 1 TX1	0.262	0.253	0.243	1.258	1.210	1.328
LTE Band 30_Ant 1 TX1	0.629	0.253	0.243	1.625	1.577	1.695
LTE Band 41_Ant 1 TX1	0.471	0.253	0.243	1.467	1.419	1.537
LTE Band 48_Ant 1 TX1	0.381	0.253	0.243	1.377	1.329	1.447
LTE Band 66_Ant 1 TX1	0.294	0.253	0.243	1.290	1.242	1.360
FR1 n7_Ant 1 TX1	0.724	0.253	0.243	1.720	1.672	1.790
FR1 n12_Ant 1 TX1	0.166	0.253	0.243	1.162	1.114	1.232
FR1 n14_Ant 1 TX1	0.280	0.253	0.243	1.276	1.228	1.346
FR1 n25_Ant 1 TX1	0.765	0.253	0.243	1.761	1.713	1.831
FR1 n26_Ant 1 TX1	0.234	0.253	0.243	1.230	1.182	1.300
FR1 n30_Ant 1 TX1	0.635	0.253	0.243	1.631	1.583	1.701
FR1 n38_Ant 1 TX1	0.626	0.253	0.243	1.622	1.574	1.692
FR1 n41_Ant 1 TX1	0.734	0.253	0.243	1.730	1.682	1.800
FR1 n48_Ant 1 TX1	0.526	0.253	0.243	1.522	1.474	1.592
FR1 n66_Ant 1 TX1	0.328	0.253	0.243	1.324	1.276	1.394
FR1 n70_Ant 1 TX1	0.229	0.253	0.243	1.225	1.177	1.295
FR1 n71_Ant 1 TX1	0.206	0.253	0.243	1.202	1.154	1.272
FR1 n77_Ant 1 TX1	0.547	0.253	0.243	1.543	1.495	1.613

SAR peak location (mm)			X (axis)		14.7	10.5	0.5	-0.5	1
			Y (axis)		40	19.5	-58	-55	-57
Z (axis)			0		-207	-207	-207	-207	-207
			Exposure Position		0	1	7	9	10
X (axis)	Y (axis)	Z (axis)	Back	1g SAR (W/kg)			0.5	0.452	0.57
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.253	0.243			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.525	0.253	0.243			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.478	0.253	0.243			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.253	0.243			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.253	0.243			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.648	0.253	0.243	0.03	0.03	0.03
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.253	0.243			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.253	0.243			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.253	0.243			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.726	0.253	0.243	0.03	0.03	0.03
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.253	0.243			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.253	0.243	0.03		0.03
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.253	0.243			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.381	0.253	0.243			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.253	0.243			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.724	0.253	0.243	0.03	0.03	0.03
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.253	0.243			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.253	0.243			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.765	0.253	0.243	0.03	0.03	0.03
4.3	62.6	-207	FR1 n26_Ant 1 TX1	0.234	0.253	0.243			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.253	0.243	0.03		0.03
13.5	59	-207	FR1 n38_Ant 1 TX1	0.626	0.253	0.243	0.03		0.03
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.734	0.253	0.243	0.03	0.03	0.03
17	50.5	-207	FR1 n48_Ant 1 TX1	0.526	0.253	0.243			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.253	0.243			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.253	0.243			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.253	0.243			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.547	0.253	0.243			0.03



<Case 60>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.438	0.627	0.537	0.507	0.505	0.446	0.536
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR
GSM1900_Ant 2 TXD	0.661	0.126	0.369	1.835	1.697	1.584	1.783	1.493	1.483	1.461	1.692	1.692
WCDMA_R_Ant 2 TXD	0.664	0.126	0.369	1.836	1.700	1.587	1.786	1.496	1.486	1.464	1.695	1.695
WCDMA_U_Ant 2 TXD	0.670	0.126	0.369	1.844	1.706	1.593	1.792	1.492	1.492	1.470	1.611	1.701
LTE Band 7_Ant 2 TXD	0.651	0.126	0.369	1.825	1.687	1.574	1.773	1.483	1.473	1.451	1.592	1.682
LTE Band 25_Ant 2 TXD	0.671	0.126	0.369	1.845	1.707	1.594	1.793	1.503	1.493	1.471	1.612	1.702
LTE Band 30_Ant 2 TXD	0.665	0.126	0.369	1.839	1.701	1.588	1.787	1.497	1.487	1.465	1.606	1.696
LTE Band 41_Ant 2 TXD	0.659	0.126	0.369	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690
LTE Band 66_Ant 2 TXD	0.660	0.126	0.369	1.834	1.696	1.583	1.782	1.492	1.482	1.460	1.601	1.691
FR1 n2_Ant 2 TXD	0.625	0.126	0.369	1.799	1.661	1.548	1.747	1.447	1.447	1.425	1.566	1.656
FR1 n3_Ant 2 TXD	0.668	0.126	0.369	1.842	1.704	1.591	1.790	1.500	1.490	1.468	1.609	1.699
FR1 n4_Ant 2 TXD	0.674	0.126	0.369	1.848	1.710	1.597	1.796	1.506	1.496	1.474	1.615	1.705
FR1 n7_Ant 2 TXD	0.517	0.126	0.369	1.691	1.553	1.440	1.639	1.349	1.339	1.317	1.458	1.548
FR1 n8_Ant 2 TXD	0.485	0.126	0.369	1.659	1.521	1.408	1.607	1.317	1.307	1.285	1.426	1.516
FR1 n9_Ant 2 Sub TXD	0.668	0.126	0.369	1.842	1.704	1.591	1.790	1.500	1.490	1.468	1.609	1.699
FR1 n6_Ant 2 TXD	0.660	0.126	0.369	1.834	1.696	1.583	1.782	1.492	1.482	1.460	1.601	1.691
FR1 n10_Ant 2 TXD	0.667	0.126	0.369	1.841	1.703	1.590	1.789	1.499	1.489	1.467	1.608	1.698
FR1 n77_Ant 2 Sub TXD	0.640	0.126	0.369	1.814	1.676	1.563	1.762	1.472	1.462	1.440	1.581	1.671

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	80.2	0.81	0.01	Not required
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.1	0.80	0.00	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	87.4	1.05	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	22.7	0.50	0.02	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	61.6	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	75.7	0.67	0.01	Not required



<Case 61>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4G Ant 3	WLAN5.6G Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.428	0.537	0.507	0.305	0.446	0.535	
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR
GSM1900_Ant 2 TXD	0.661	0.054	0.369	1.763	1.625	1.512	1.711	1.421	1.411	1.389	1.530	1.620
WCDMA_R_Ant 2 TXD	0.664	0.054	0.369	1.766	1.628	1.515	1.714	1.424	1.414	1.392	1.533	1.623
WCDMA_U_Ant 2 TXD	0.670	0.054	0.369	1.772	1.634	1.521	1.720	1.430	1.420	1.398	1.539	1.629
LTE Band 7_Ant 2 TXD	0.651	0.054	0.369	1.753	1.615	1.502	1.701	1.411	1.401	1.379	1.520	1.610
LTE Band 25_Ant 2 TXD	0.671	0.054	0.369	1.773	1.635	1.522	1.721	1.431	1.421	1.399	1.540	1.630
LTE Band 30_Ant 2 TXD	0.665	0.054	0.369	1.767	1.629	1.516	1.715	1.425	1.415	1.393	1.534	1.624
LTE Band 41_Ant 2 TXD	0.659	0.054	0.369	1.761	1.623	1.510	1.709	1.419	1.409	1.387	1.528	1.618
LTE Band 66_Ant 2 TXD	0.660	0.054	0.369	1.762	1.624	1.511	1.710	1.420	1.410	1.388	1.529	1.619
FR1 n7_Ant 2 TXD	0.625	0.054	0.369	1.727	1.589	1.476	1.675	1.385	1.375	1.353	1.494	1.584
FR1 n25_Ant 2 TXD	0.668	0.054	0.369	1.770	1.632	1.519	1.718	1.428	1.418	1.396	1.537	1.627
FR1 n38_Ant 2 TXD	0.674	0.054	0.369	1.776	1.638	1.525	1.724	1.434	1.424	1.402	1.543	1.633
FR1 n41_Ant 2 TXD	0.517	0.054	0.369	1.619	1.481	1.368	1.567	1.277	1.267	1.245	1.386	1.476
FR1 n48_Ant 2 TXD	0.485	0.054	0.369	1.587	1.449	1.336	1.535	1.245	1.235	1.213	1.354	1.444
FR1 n66_Ant 2 Sub TXD	0.668	0.054	0.369	1.770	1.632	1.519	1.718	1.428	1.418	1.396	1.537	1.627
FR1 n77_Ant 2 TXD	0.660	0.054	0.369	1.762	1.624	1.511	1.710	1.420	1.410	1.388	1.529	1.619
FR1 n25_Ant 2 TXD	0.667	0.054	0.369	1.769	1.631	1.518	1.717	1.427	1.417	1.395	1.536	1.626
FR1 n77_Ant 2 Sub TXD	0.640	0.054	0.369	1.742	1.604	1.491	1.690	1.400	1.390	1.368	1.509	1.599

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	19.4	0.73	0.03	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	29.9	0.98	0.03	Not required
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	83.8	0.42	0.00	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 62>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5GHz Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.537	0.507	0.507	0.505	0.446	0.535
				9+1+2+9 Summed SAR	9+1+2+10 Summed SAR	9+1+2+11 Summed SAR	9+1+2+12 Summed SAR	9+1+2+13 Summed SAR	9+1+2+14 Summed SAR	9+1+2+15 Summed SAR	9+1+2+16 Summed SAR	9+1+2+17 Summed SAR
GSM1900_Ant 2 TXI	0.661	0.194	0.369	1.903	1.765	1.652	1.851	1.561	1.551	1.529	1.670	1.760
WCDMA_R_Ant 2 TXI	0.664	0.194	0.369	1.906	1.768	1.655	1.854	1.564	1.554	1.532	1.673	1.763
WCDMA_U_Ant 2 TXI	0.670	0.194	0.369	1.912	1.774	1.661	1.860	1.570	1.560	1.538	1.679	1.769
LTE Band 7_Ant 2 TXI	0.651	0.194	0.369	1.893	1.755	1.642	1.841	1.551	1.541	1.519	1.660	1.750
LTE Band 25_Ant 2 TXI	0.671	0.194	0.369	1.913	1.775	1.662	1.861	1.571	1.561	1.539	1.680	1.770
LTE Band 30_Ant 2 TXI	0.665	0.194	0.369	1.907	1.769	1.656	1.855	1.565	1.555	1.533	1.674	1.764
LTE Band 41_Ant 2 TXI	0.659	0.194	0.369	1.901	1.763	1.650	1.849	1.559	1.549	1.527	1.668	1.758
LTE Band 66_Ant 2 TXI	0.660	0.194	0.369	1.902	1.764	1.651	1.850	1.560	1.550	1.528	1.669	1.759
FR1 n7_Ant 2 TXI	0.625	0.194	0.369	1.867	1.729	1.616	1.815	1.525	1.515	1.493	1.634	1.724
FR1 n25_Ant 2 TXI	0.668	0.194	0.369	1.910	1.772	1.659	1.858	1.568	1.558	1.536	1.677	1.767
FR1 n38_Ant 2 TXI	0.674	0.194	0.369	1.916	1.778	1.665	1.864	1.574	1.564	1.542	1.683	1.773
FR1 n48_Ant 2 TXI	0.517	0.194	0.369	1.759	1.621	1.508	1.707	1.417	1.407	1.385	1.526	1.616
FR1 n41_Ant 2 TXI	0.485	0.194	0.369	1.727	1.589	1.476	1.675	1.385	1.375	1.353	1.494	1.584
FR1 n48_Ant 2 Sub TXI	0.668	0.194	0.369	1.910	1.772	1.659	1.858	1.568	1.558	1.536	1.677	1.767
FR1 n66_Ant 2 TXI	0.660	0.194	0.369	1.902	1.764	1.651	1.850	1.560	1.550	1.528	1.669	1.759
FR1 n77_Ant 2 TXI	0.667	0.194	0.369	1.909	1.771	1.658	1.857	1.567	1.557	1.535	1.676	1.766
FR1 n77_Ant 2 Sub TXI	0.640	0.194	0.369	1.882	1.744	1.631	1.830	1.540	1.530	1.508	1.649	1.739

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	82.6	0.87	0.01	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	24.6	0.75	0.03	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	153.7	0.87	0.01	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	107.3	0.74	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	87.4	1.05	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	29.9	0.98	0.03	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	149.3	1.04	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	113.2	0.98	0.01	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	20.7	0.56	0.02	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	81.2	0.44	0.00	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	7.1	0.37	0.03	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 63>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.537	0.507	0.505	0.446	0.535	
				0e+7+7e9 Summed SAR	0e+7+7e10 Summed SAR	0e+7+7e11 Summed SAR	0e+7+7e12 Summed SAR	0e+7+7e13 Summed SAR	0e+7+7e14 Summed SAR	0e+7+7e15 Summed SAR	0e+7+7e16 Summed SAR	0e+7+7e17 Summed SAR
GSM1900_Ant 2 TXD	0.661	0.369	0.225	1.854	1.796	1.683	1.852	1.592	1.582	1.560	1.701	1.791
WCDMA_R_Ant 2 TXD	0.664	0.369	0.225	1.837	1.799	1.686	1.855	1.595	1.585	1.563	1.704	1.794
WCDMA_U_Ant 2 TXD	0.670	0.369	0.225	1.943	1.805	1.692	1.891	1.601	1.591	1.569	1.710	1.800
LTE Band 7_Ant 2 TXD	0.651	0.369	0.225	1.924	1.786	1.673	1.872	1.582	1.572	1.550	1.691	1.781
LTE Band 25_Ant 2 TXD	0.671	0.369	0.225	1.944	1.806	1.693	1.892	1.602	1.592	1.570	1.711	1.801
LTE Band 30_Ant 2 TXD	0.665	0.369	0.225	1.838	1.800	1.687	1.886	1.596	1.586	1.564	1.705	1.795
LTE Band 41_Ant 2 TXD	0.659	0.369	0.225	1.832	1.794	1.681	1.880	1.590	1.580	1.558	1.699	1.789
LTE Band 66_Ant 2 TXD	0.660	0.369	0.225	1.833	1.795	1.682	1.881	1.591	1.581	1.559	1.700	1.790
FR1 n7_Ant 2 TXD	0.625	0.369	0.225	1.898	1.760	1.647	1.846	1.556	1.546	1.524	1.665	1.755
FR1 n25_Ant 2 TXD	0.668	0.369	0.225	1.941	1.803	1.690	1.889	1.599	1.589	1.567	1.708	1.798
FR1 n38_Ant 2 TXD	0.674	0.369	0.225	1.947	1.809	1.696	1.895	1.605	1.595	1.573	1.714	1.804
FR1 n48_Ant 2 TXD	0.517	0.369	0.225	1.790	1.652	1.539	1.738	1.448	1.438	1.416	1.557	1.647
FR1 n41_Ant 2 TXD	0.485	0.369	0.225	1.758	1.620	1.507	1.706	1.416	1.406	1.384	1.525	1.615
FR1 n48_Ant 2 Sub TXD	0.668	0.369	0.225	1.941	1.803	1.690	1.889	1.599	1.589	1.567	1.708	1.798
FR1 n66_Ant 2 TXD	0.660	0.369	0.225	1.833	1.795	1.682	1.881	1.591	1.581	1.559	1.700	1.790
FR1 n77_Ant 2 TXD	0.667	0.369	0.225	1.940	1.802	1.689	1.888	1.598	1.588	1.566	1.707	1.797
FR1 n77_Ant 2 Sub TXD	0.640	0.369	0.225	1.913	1.775	1.662	1.861	1.571	1.561	1.539	1.680	1.770

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.4	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.7	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	20.9	0.59	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 64>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Front	1g SAR (W/kg)			0.679	0.244	0.498	0.627	0.537	0.507	0.305	0.446	0.535
				0e+7+7e9 Summed SAR	0e+7+7e10 Summed SAR	0e+7+7e11 Summed SAR	0e+7+7e12 Summed SAR	0e+7+7e13 Summed SAR	0e+7+7e14 Summed SAR	0e+7+7e15 Summed SAR	0e+7+7e16 Summed SAR	0e+7+7e17 Summed SAR
GSM1900_Ant 2 TX	0.661	0.369	0.244	1.953	1.815	1.702	1.901	1.611	1.601	1.679	1.720	1.810
WCDMA_R_Ant 2 TX	0.664	0.369	0.244	1.956	1.818	1.705	1.904	1.614	1.604	1.682	1.723	1.813
WCDMA_U_Ant 2 TX	0.670	0.369	0.244	1.962	1.824	1.711	1.910	1.620	1.610	1.688	1.729	1.819
LTE Band 7_Ant 2 TX	0.651	0.369	0.244	1.943	1.805	1.692	1.891	1.601	1.591	1.669	1.710	1.800
LTE Band 25_Ant 2 TX	0.671	0.369	0.244	1.963	1.825	1.712	1.911	1.621	1.611	1.689	1.730	1.820
LTE Band 30_Ant 2 TX	0.665	0.369	0.244	1.957	1.819	1.706	1.905	1.615	1.605	1.683	1.724	1.814
LTE Band 41_Ant 2 TX	0.659	0.369	0.244	1.951	1.813	1.700	1.899	1.609	1.599	1.677	1.718	1.808
LTE Band 66_Ant 2 TX	0.660	0.369	0.244	1.952	1.814	1.701	1.900	1.610	1.600	1.678	1.719	1.809
FR1 n7_Ant 2 TX	0.625	0.369	0.244	1.917	1.779	1.666	1.865	1.575	1.565	1.643	1.684	1.774
FR1 n25_Ant 2 TX	0.668	0.369	0.244	1.960	1.822	1.709	1.908	1.618	1.608	1.686	1.727	1.817
FR1 n38_Ant 2 TX	0.674	0.369	0.244	1.966	1.828	1.715	1.914	1.624	1.614	1.692	1.733	1.823
FR1 n48_Ant 2 TX	0.517	0.369	0.244	1.809	1.671	1.558	1.757	1.467	1.457	1.535	1.576	1.666
FR1 n41_Ant 2 TX	0.485	0.369	0.244	1.777	1.639	1.526	1.725	1.435	1.425	1.403	1.544	1.634
FR1 n48_Ant 2 Sub TX	0.668	0.369	0.244	1.960	1.822	1.709	1.908	1.618	1.608	1.686	1.727	1.817
FR1 n66_Ant 2 TX	0.660	0.369	0.244	1.952	1.814	1.701	1.900	1.610	1.600	1.678	1.719	1.809
FR1 n77_Ant 2 TX	0.667	0.369	0.244	1.959	1.821	1.708	1.907	1.617	1.607	1.685	1.726	1.816
FR1 n77_Ant 2 Sub TX	0.640	0.369	0.244	1.932	1.794	1.681	1.880	1.590	1.580	1.658	1.699	1.789

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	21.1	0.92	0.04	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	103.6	0.92	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	82.5	0.61	0.01	Not required
WLAN/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 65>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.537	0.507	0.505	0.446	0.535	
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR
GSM1900_Ant 2 TXI	0.661	0.369	0.242	1.951	1.813	1.700	1.899	1.699	1.599	1.577	1.718	1.808
WCDMA_R_Ant 2 TXI	0.664	0.369	0.242	1.954	1.816	1.703	1.902	1.612	1.602	1.580	1.721	1.811
WCDMA_U_Ant 2 TXI	0.670	0.369	0.242	1.959	1.822	1.709	1.908	1.618	1.608	1.586	1.727	1.817
LTE Band 7_Ant 2 TXI	0.651	0.369	0.242	1.941	1.803	1.690	1.889	1.599	1.589	1.567	1.708	1.798
LTE Band 25_Ant 2 TXI	0.671	0.369	0.242	1.961	1.823	1.710	1.909	1.619	1.609	1.587	1.728	1.818
LTE Band 30_Ant 2 TXI	0.665	0.369	0.242	1.955	1.817	1.704	1.903	1.613	1.603	1.581	1.722	1.812
LTE Band 41_Ant 2 TXI	0.659	0.369	0.242	1.949	1.811	1.698	1.897	1.607	1.597	1.575	1.716	1.806
LTE Band 66_Ant 2 TXI	0.660	0.369	0.242	1.950	1.812	1.699	1.898	1.608	1.598	1.576	1.717	1.807
FR1 n7_Ant 2 TXI	0.625	0.369	0.242	1.915	1.777	1.664	1.863	1.573	1.563	1.541	1.682	1.772
FR1 n25_Ant 2 TXI	0.668	0.369	0.242	1.958	1.820	1.707	1.906	1.616	1.606	1.584	1.725	1.815
FR1 n38_Ant 2 TXI	0.674	0.369	0.242	1.964	1.826	1.713	1.912	1.622	1.612	1.590	1.731	1.821
FR1 n48_Ant 2 TXI	0.517	0.369	0.242	1.807	1.669	1.556	1.755	1.465	1.455	1.433	1.574	1.664
FR1 n41_Ant 2 TXI	0.485	0.369	0.242	1.775	1.637	1.524	1.723	1.433	1.423	1.401	1.542	1.632
FR1 n48_Ant 2 Sub TXI	0.668	0.369	0.242	1.958	1.820	1.707	1.906	1.616	1.606	1.584	1.725	1.815
FR1 n66_Ant 2 TXI	0.660	0.369	0.242	1.950	1.812	1.699	1.898	1.608	1.598	1.576	1.717	1.807
FR1 n77_Ant 2 TXI	0.667	0.369	0.242	1.957	1.819	1.706	1.905	1.615	1.605	1.583	1.724	1.814
FR1 n77_Ant 2 Sub TXI	0.640	0.369	0.242	1.930	1.792	1.679	1.878	1.588	1.578	1.556	1.697	1.787

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.9	0.92	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	18.9	0.78	0.04	Not required
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	152.7	0.92	0.01	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	101.4	0.78	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	87.4	1.05	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	29.9	0.98	0.03	Not required
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	149.3	1.04	0.01	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	113.2	0.98	0.01	Not required
Bluetooth Ant 4+3(3)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	19.9	0.61	0.02	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	83.0	0.47	0.00	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	64.1	0.55	0.01	Not required
Bluetooth Ant 4+3(3)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	12.2	0.41	0.02	Not required
Bluetooth Ant 4+3(3)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	73.4	0.34	0.00	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	75.7	0.67	0.01	Not required
Bluetooth Ant 4+3(3)	0.242	-17.5	82.0	-207.0				



<Case 66>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4G Ant 4	WLAN5.6G Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.590	0.302	0.516	0.499	0.375	0.303	0.276	0.525
				0.11+0.10 Summed SAR	0.11+0.10 Summed SAR	0.11+0.11 Summed SAR	0.11+0.12 Summed SAR	0.11+0.13 Summed SAR	0.11+0.14 Summed SAR	0.11+0.15 Summed SAR	0.11+0.16 Summed SAR	0.11+0.17 Summed SAR
GSM1900_Ant 2 TXD	0.514	0.081	0.253	1.537	1.358	1.150	1.354	1.257	1.223	1.151	1.124	1.373
WCDMA_R_Ant 2 TXD	0.500	0.081	0.253	1.523	1.344	1.136	1.350	1.243	1.209	1.137	1.110	1.359
WCDMA_U_Ant 2 TXD	0.588	0.081	0.253	1.611	1.432	1.224	1.438	1.331	1.297	1.225	1.198	1.447
LTE Band 7_Ant 2 TXD	0.549	0.081	0.253	1.572	1.393	1.185	1.399	1.292	1.258	1.186	1.159	1.408
LTE Band 25_Ant 2 TXD	0.521	0.081	0.253	1.544	1.365	1.157	1.371	1.264	1.230	1.158	1.131	1.380
LTE Band 30_Ant 2 TXD	0.413	0.081	0.253	1.436	1.257	1.049	1.263	1.156	1.122	1.050	1.023	1.272
LTE Band 41_Ant 2 TXD	0.411	0.081	0.253	1.434	1.255	1.047	1.261	1.154	1.120	1.048	1.021	1.270
LTE Band 66_Ant 2 TXD	0.514	0.081	0.253	1.537	1.358	1.150	1.354	1.257	1.223	1.151	1.124	1.373
FR1 n7_Ant 2 TXD	0.398	0.081	0.253	1.421	1.242	1.034	1.248	1.141	1.107	1.035	1.008	1.257
FR1 n25_Ant 2 TXD	0.524	0.081	0.253	1.547	1.368	1.160	1.374	1.267	1.233	1.161	1.134	1.383
FR1 n38_Ant 2 TXD	0.406	0.081	0.253	1.519	1.340	1.132	1.346	1.239	1.205	1.133	1.106	1.355
FR1 n41_Ant 2 TXD	0.331	0.081	0.253	1.354	1.175	0.967	1.181	1.074	1.040	0.968	0.941	1.190
FR1 n48_Ant 2 TXD	0.327	0.081	0.253	1.350	1.171	0.963	1.177	1.070	1.036	0.964	0.937	1.186
FR1 n66_Ant 2 Sub TXD	0.497	0.081	0.253	1.520	1.341	1.133	1.347	1.240	1.206	1.134	1.107	1.356
FR1 n77_Ant 2 TXD	0.489	0.081	0.253	1.512	1.333	1.125	1.339	1.232	1.198	1.126	1.099	1.348
FR1 n25_Ant 2 TXD	0.494	0.081	0.253	1.517	1.338	1.130	1.344	1.237	1.203	1.131	1.104	1.353
FR1 n77_Ant 2 Sub TXD	0.482	0.081	0.253	1.505	1.326	1.118	1.332	1.225	1.191	1.119	1.092	1.341

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	84.1	1.28	0.02	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
WLAN2.4G Ant 4	0.081	-29.5	80.0	-207.0	89.5	0.77	0.01	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
WLAN2.4G Ant 4	0.081	-29.5	80.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.94	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0	41.1	0.91	0.02	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	124.2	0.81	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN2.4G Ant 4	0.081	-29.5	80.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	15.1	0.33	0.01	Not required
WLAN2.4G Ant 4	0.081	-29.5	80.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	59.6	0.31	0.00	Not required
WLAN2.4G Ant 4	0.081	-29.5	80.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 67>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Back	1g SAR (W/kg)			0.689	0.590	0.302	0.516	0.499	0.375	0.303	0.276	0.525
				9i1+2+9 Summed SAR	9i1+2+10 Summed SAR	9i1+2+11 Summed SAR	9i1+2+12 Summed SAR	9i1+2+13 Summed SAR	9i1+2+14 Summed SAR	9i1+2+15 Summed SAR	9i1+2+16 Summed SAR	9i1+2+17 Summed SAR
GSM1900_Ant 2 TXI	0.514	0.185	0.253	1.641	1.462	1.254	1.468	1.361	1.327	1.255	1.228	1.477
WCDMA_R_Ant 2 TXI	0.500	0.185	0.253	1.627	1.448	1.240	1.454	1.347	1.313	1.241	1.214	1.463
WCDMA_IV_Ant 2 TXI	0.588	0.185	0.253	1.715	1.536	1.328	1.542	1.435	1.401	1.329	1.302	1.551
LTE Band 7_Ant 2 TXI	0.549	0.185	0.253	1.676	1.497	1.289	1.503	1.396	1.362	1.290	1.263	1.512
LTE Band 25_Ant 2 TXI	0.521	0.185	0.253	1.648	1.469	1.261	1.475	1.368	1.334	1.262	1.235	1.484
LTE Band 30_Ant 2 TXI	0.413	0.185	0.253	1.540	1.361	1.153	1.367	1.260	1.226	1.154	1.127	1.376
LTE Band 41_Ant 2 TXI	0.411	0.185	0.253	1.538	1.359	1.151	1.365	1.258	1.224	1.152	1.125	1.374
LTE Band 66_Ant 2 TXI	0.514	0.185	0.253	1.641	1.462	1.254	1.468	1.361	1.327	1.255	1.228	1.477
FR1 n7_Ant 2 TXI	0.398	0.185	0.253	1.525	1.346	1.138	1.352	1.245	1.211	1.139	1.112	1.361
FR1 n25_Ant 2 TXI	0.524	0.185	0.253	1.651	1.472	1.264	1.478	1.371	1.337	1.265	1.238	1.487
FR1 n38_Ant 2 TXI	0.496	0.185	0.253	1.623	1.444	1.236	1.450	1.343	1.309	1.237	1.210	1.459
FR1 n48_Ant 2 TXI	0.331	0.185	0.253	1.458	1.279	1.071	1.285	1.178	1.144	1.072	1.045	1.294
FR1 n41_Ant 2 TXI	0.327	0.185	0.253	1.454	1.275	1.067	1.281	1.174	1.140	1.068	1.041	1.290
FR1 n48_Ant 2 Sub TXI	0.497	0.185	0.253	1.624	1.445	1.237	1.451	1.344	1.310	1.238	1.211	1.460
FR1 n66_Ant 2 TXI	0.489	0.185	0.253	1.616	1.437	1.229	1.443	1.336	1.302	1.230	1.203	1.452
FR1 n77_Ant 2 TXI	0.494	0.185	0.253	1.621	1.442	1.234	1.448	1.341	1.307	1.235	1.208	1.457
FR1 n77_Ant 2 Sub TXI	0.482	0.185	0.253	1.609	1.430	1.222	1.436	1.329	1.295	1.223	1.196	1.445

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	79.6	1.28	0.02	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	93.5	0.87	0.01	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	22.7	0.76	0.03	Not required
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	157.7	0.77	0.00	Not required
Max WWAN Ant 2	0.588	-23.5	-74.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	101.5	0.66	0.01	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	75.5	0.94	0.01	Not required
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	41.1	0.91	0.02	Not required
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0	143.7	0.84	0.01	Not required
Max WWAN Ant 2	0.588	-23.5	-74.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	120.0	0.81	0.01	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0	19.0	0.44	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
WLAN5G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	55.7	0.32	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN5G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	63.5	0.41	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
WLAN5G Ant 4+3(3)	0.224	14.7	40.0	-207.0	18.5	0.29	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN5G Ant 4+3(3)	0.224	14.7	40.0	-207.0	74.5	0.25	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 68>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.590	0.302	0.596	0.409	0.375	0.303	0.276	0.525
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM1900_Ant 2 TXD	0.514	0.253	0.201	1.657	1.478	1.270	1.484	1.377	1.343	1.271	1.244	1.493
WCDMA_R_Ant 2 TXD	0.500	0.253	0.201	1.643	1.464	1.256	1.470	1.363	1.329	1.257	1.230	1.479
WCDMA_U_Ant 2 TXD	0.588	0.253	0.201	1.731	1.552	1.344	1.558	1.451	1.417	1.345	1.318	1.567
LTE Band 7_Ant 2 TXD	0.549	0.253	0.201	1.692	1.513	1.305	1.519	1.412	1.378	1.306	1.279	1.528
LTE Band 25_Ant 2 TXD	0.521	0.253	0.201	1.664	1.485	1.277	1.491	1.384	1.350	1.278	1.251	1.500
LTE Band 30_Ant 2 TXD	0.413	0.253	0.201	1.556	1.377	1.169	1.383	1.276	1.242	1.170	1.143	1.392
LTE Band 41_Ant 2 TXD	0.411	0.253	0.201	1.554	1.375	1.167	1.381	1.274	1.240	1.168	1.141	1.390
LTE Band 66_Ant 2 TXD	0.514	0.253	0.201	1.657	1.478	1.270	1.484	1.377	1.343	1.271	1.244	1.493
FR1 n7_Ant 2 TXD	0.398	0.253	0.201	1.541	1.362	1.154	1.368	1.261	1.227	1.155	1.128	1.377
FR1 n25_Ant 2 TXD	0.524	0.253	0.201	1.667	1.488	1.280	1.494	1.387	1.353	1.281	1.254	1.503
FR1 n38_Ant 2 TXD	0.406	0.253	0.201	1.639	1.460	1.252	1.466	1.359	1.325	1.253	1.226	1.475
FR1 n41_Ant 2 TXD	0.331	0.253	0.201	1.474	1.295	1.087	1.301	1.194	1.160	1.088	1.061	1.310
FR1 n48_Ant 2 TXD	0.327	0.253	0.201	1.470	1.291	1.083	1.297	1.190	1.156	1.084	1.057	1.306
FR1 n48_Ant 2 Sub TXD	0.497	0.253	0.201	1.640	1.461	1.253	1.467	1.360	1.326	1.254	1.227	1.476
FR1 n66_Ant 2 TXD	0.489	0.253	0.201	1.632	1.453	1.245	1.459	1.352	1.318	1.246	1.219	1.468
FR1 n77_Ant 2 TXD	0.494	0.253	0.201	1.637	1.458	1.250	1.464	1.357	1.323	1.251	1.224	1.473
FR1 n77_Ant 2 Sub TXD	0.482	0.253	0.201	1.625	1.446	1.238	1.452	1.345	1.311	1.239	1.212	1.461

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	79.6	1.28	0.02	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	91.3	0.89	0.01	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 2	0.588	-23.5	-74.0	-207.0	156.1	0.79	0.00	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.94	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.91	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 2	0.588	-23.5	-74.0	-207.0	143.7	0.84	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0	120.0	0.81	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	16.6	0.45	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	61.0	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 69>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN/6GHz Ant 4+3	Bluetooth Ant 3	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Back	1g SAR (W/kg)			0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.278	0.525
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR
GSM1900_Ant 2 TX	0.514	0.253	0.194	1.450	1.471	1.263	1.477	1.370	1.336	1.264	1.237	1.486
WCDMA 1_Ant 2 TX	0.500	0.253	0.194	1.538	1.457	1.249	1.463	1.356	1.322	1.250	1.223	1.472
WCDMA IV_Ant 2 TX	0.588	0.253	0.194	1.724	1.545	1.337	1.551	1.444	1.410	1.338	1.311	1.560
LTE Band 7_Ant 2 TX	0.549	0.253	0.194	1.685	1.506	1.298	1.512	1.405	1.371	1.299	1.272	1.521
LTE Band 25_Ant 2 TX	0.521	0.253	0.194	1.657	1.478	1.270	1.484	1.377	1.343	1.271	1.244	1.493
LTE Band 30_Ant 2 TX	0.413	0.253	0.194	1.549	1.370	1.162	1.376	1.269	1.235	1.163	1.136	1.385
LTE Band 41_Ant 2 TX	0.411	0.253	0.194	1.547	1.368	1.160	1.374	1.267	1.233	1.161	1.134	1.383
LTE Band 66_Ant 2 TX	0.514	0.253	0.194	1.650	1.471	1.263	1.477	1.370	1.336	1.264	1.237	1.486
FR1 n7_Ant 2 TX	0.398	0.253	0.194	1.534	1.355	1.147	1.361	1.254	1.220	1.148	1.121	1.370
FR1 n25_Ant 2 TX	0.524	0.253	0.194	1.660	1.481	1.273	1.487	1.380	1.346	1.274	1.247	1.496
FR1 n30_Ant 2 TX	0.498	0.253	0.194	1.632	1.453	1.245	1.459	1.352	1.318	1.246	1.219	1.468
FR1 n38_Ant 2 TX	0.331	0.253	0.194	1.467	1.288	1.080	1.294	1.187	1.153	1.081	1.054	1.303
FR1 n41_Ant 2 TX	0.327	0.253	0.194	1.463	1.284	1.076	1.290	1.183	1.149	1.077	1.050	1.299
FR1 n48_Ant 2 Sub TX	0.497	0.253	0.194	1.633	1.454	1.246	1.460	1.353	1.319	1.247	1.220	1.489
FR1 n66_Ant 2 TX	0.489	0.253	0.194	1.625	1.446	1.238	1.452	1.345	1.311	1.239	1.212	1.461
FR1 n70_Ant 2 TX	0.494	0.253	0.194	1.638	1.451	1.243	1.457	1.350	1.316	1.244	1.217	1.466
FR1 n77_Ant 2 Sub TX	0.482	0.253	0.194	1.618	1.439	1.231	1.445	1.338	1.304	1.232	1.205	1.454

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	79.6	1.28	0.02	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	40.7	0.88	0.02	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0	120.3	0.78	0.01	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.94	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.91	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 2	0.588	-23.5	-74.0	-207.0	143.7	0.84	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0	120.0	0.81	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	54.0	0.45	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	10.2	0.42	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 70>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5G/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Back	1g SAR (W/kg)			0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.276	0.525
				0e-1+7+9 Summed SAR	0e-1+7+10 Summed SAR	0e-1+7+11 Summed SAR	0e-1+7+12 Summed SAR	0e-1+7+13 Summed SAR	0e-1+7+14 Summed SAR	0e-1+7+15 Summed SAR	0e-1+7+16 Summed SAR	0e-1+7+17 Summed SAR
GSM1900_Ant 2 TXI	0.514	0.263	0.243	1.699	1.520	1.312	1.526	1.419	1.385	1.313	1.286	1.535
WCDMA_R_Ant 2 TXI	0.500	0.263	0.243	1.685	1.506	1.288	1.512	1.405	1.371	1.299	1.272	1.521
WCDMA_IV_Ant 2 TXI	0.588	0.263	0.243	1.773	1.594	1.386	1.599	1.493	1.459	1.387	1.360	1.609
LTE Band 7_Ant 2 TXI	0.549	0.263	0.243	1.734	1.556	1.347	1.561	1.454	1.420	1.348	1.321	1.570
LTE Band 25_Ant 2 TXI	0.521	0.263	0.243	1.706	1.527	1.319	1.533	1.426	1.392	1.320	1.293	1.542
LTE Band 30_Ant 2 TXI	0.413	0.263	0.243	1.396	1.419	1.211	1.425	1.318	1.284	1.212	1.185	1.434
LTE Band 41_Ant 2 TXI	0.411	0.263	0.243	1.396	1.417	1.209	1.423	1.316	1.282	1.210	1.183	1.432
LTE Band 66_Ant 2 TXI	0.514	0.263	0.243	1.699	1.520	1.312	1.526	1.419	1.385	1.313	1.286	1.535
FR1 n2_Ant 2 TXI	0.398	0.263	0.243	1.583	1.404	1.196	1.410	1.303	1.269	1.197	1.170	1.419
FR1 n25_Ant 2 TXI	0.524	0.263	0.243	1.709	1.530	1.322	1.536	1.429	1.395	1.323	1.296	1.545
FR1 n38_Ant 2 TXI	0.496	0.263	0.243	1.681	1.502	1.294	1.508	1.401	1.367	1.295	1.268	1.517
FR1 n41_Ant 2 TXI	0.331	0.263	0.243	1.516	1.337	1.129	1.343	1.236	1.202	1.130	1.103	1.362
FR1 n48_Ant 2 TXI	0.327	0.263	0.243	1.512	1.333	1.125	1.339	1.232	1.198	1.126	1.099	1.348
FR1 n66_Ant 2 Sub TXI	0.497	0.263	0.243	1.682	1.503	1.295	1.509	1.402	1.368	1.296	1.269	1.518
FR1 n77_Ant 2 TXI	0.489	0.263	0.243	1.674	1.495	1.287	1.501	1.394	1.360	1.288	1.261	1.510
FR1 n77_Ant 2 Sub TXI	0.494	0.263	0.243	1.679	1.500	1.292	1.506	1.399	1.365	1.293	1.266	1.515
FR1 n77_Ant 2 Sub TXI	0.482	0.263	0.243	1.667	1.488	1.280	1.494	1.387	1.353	1.281	1.254	1.503

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	77.2	1.77	0.03	Not required
Max WWAN Ant 5 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	1.185	8.5	-8.0	-207.0				



<Case 71>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.126	0.369	1.677	1.608	1.783
WCDMA_II_Ant 2 TX0	0.664	0.126	0.369	1.680	1.611	1.786
WCDMA_IV_Ant 2 TX0	0.670	0.126	0.369	1.686	1.617	1.792
LTE Band 7_Ant 2 TX0	0.651	0.126	0.369	1.667	1.598	1.773
LTE Band 25_Ant 2 TX0	0.671	0.126	0.369	1.687	1.618	1.793
LTE Band 30_Ant 2 TX0	0.665	0.126	0.369	1.681	1.612	1.787
LTE Band 41_Ant 2 TX0	0.659	0.126	0.369	1.675	1.606	1.781
LTE Band 66_Ant 2 TX0	0.660	0.126	0.369	1.676	1.607	1.782
FR1 n7_Ant 2 TX0	0.625	0.126	0.369	1.641	1.572	1.747
FR1 n25_Ant 2 TX0	0.668	0.126	0.369	1.684	1.615	1.790
FR1 n30_Ant 2 TX0	0.674	0.126	0.369	1.690	1.621	1.796
FR1 n38_Ant 2 TX0	0.517	0.126	0.369	1.533	1.464	1.639
FR1 n41_Ant 2 TX0	0.485	0.126	0.369	1.501	1.432	1.607
FR1 n48_Ant 2 Sub TX0	0.668	0.126	0.369	1.684	1.615	1.790
FR1 n66_Ant 2 TX0	0.660	0.126	0.369	1.676	1.607	1.782
FR1 n70_Ant 2 TX0	0.667	0.126	0.369	1.683	1.614	1.789
FR1 n77_Ant 2 Sub TX0	0.640	0.126	0.369	1.656	1.587	1.762

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	125.4	0.75	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.1	0.80	0.00	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	22.7	0.50	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	61.6	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 72>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.054	0.369	1.605	1.536	1.711
WCDMA_II_Ant 2 TX0	0.664	0.054	0.369	1.608	1.539	1.714
WCDMA_IV_Ant 2 TX0	0.670	0.054	0.369	1.614	1.545	1.720
LTE Band 7_Ant 2 TX0	0.651	0.054	0.369	1.595	1.526	1.701
LTE Band 25_Ant 2 TX0	0.671	0.054	0.369	1.615	1.546	1.721
LTE Band 30_Ant 2 TX0	0.665	0.054	0.369	1.609	1.540	1.715
LTE Band 41_Ant 2 TX0	0.659	0.054	0.369	1.603	1.534	1.709
LTE Band 66_Ant 2 TX0	0.660	0.054	0.369	1.604	1.535	1.710
FR1 n7_Ant 2 TX0	0.625	0.054	0.369	1.569	1.500	1.675
FR1 n25_Ant 2 TX0	0.668	0.054	0.369	1.612	1.543	1.718
FR1 n30_Ant 2 TX0	0.674	0.054	0.369	1.618	1.549	1.724
FR1 n38_Ant 2 TX0	0.517	0.054	0.369	1.461	1.392	1.567
FR1 n41_Ant 2 TX0	0.485	0.054	0.369	1.429	1.360	1.535
FR1 n48_Ant 2 Sub TX0	0.668	0.054	0.369	1.612	1.543	1.718
FR1 n66_Ant 2 TX0	0.660	0.054	0.369	1.604	1.535	1.710
FR1 n70_Ant 2 TX0	0.667	0.054	0.369	1.611	1.542	1.717
FR1 n77_Ant 2 Sub TX0	0.640	0.054	0.369	1.584	1.515	1.690

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	64.6	0.68	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	101.7	0.73	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	76.6	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	83.8	0.42	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	12.3	0.36	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 73>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.194	0.369	1.745	1.676	1.851
WCDMA_II_Ant 2 TX0	0.664	0.194	0.369	1.748	1.679	1.854
WCDMA_IV_Ant 2 TX0	0.670	0.194	0.369	1.754	1.685	1.860
LTE Band 7_Ant 2 TX0	0.651	0.194	0.369	1.735	1.666	1.841
LTE Band 25_Ant 2 TX0	0.671	0.194	0.369	1.755	1.686	1.861
LTE Band 30_Ant 2 TX0	0.665	0.194	0.369	1.749	1.680	1.855
LTE Band 41_Ant 2 TX0	0.659	0.194	0.369	1.743	1.674	1.849
LTE Band 66_Ant 2 TX0	0.660	0.194	0.369	1.744	1.675	1.850
FR1 n7_Ant 2 TX0	0.625	0.194	0.369	1.709	1.640	1.815
FR1 n25_Ant 2 TX0	0.668	0.194	0.369	1.752	1.683	1.858
FR1 n30_Ant 2 TX0	0.674	0.194	0.369	1.758	1.689	1.864
FR1 n38_Ant 2 TX0	0.517	0.194	0.369	1.601	1.532	1.707
FR1 n41_Ant 2 TX0	0.485	0.194	0.369	1.569	1.500	1.675
FR1 n48_Ant 2 Sub TX0	0.668	0.194	0.369	1.752	1.683	1.858
FR1 n66_Ant 2 TX0	0.660	0.194	0.369	1.744	1.675	1.850
FR1 n70_Ant 2 TX0	0.667	0.194	0.369	1.751	1.682	1.857
FR1 n77_Ant 2 Sub TX0	0.640	0.194	0.369	1.724	1.655	1.830

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	127.5	0.82	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	70.1	0.69	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	153.7	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	107.3	0.74	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	20.7	0.56	0.02	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	81.2	0.44	0.00	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	7.1	0.37	0.03	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 74>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.369	0.225	1.776	1.707	1.882
WCDMA_II_Ant 2 TX0	0.664	0.369	0.225	1.779	1.710	1.885
WCDMA_IV_Ant 2 TX0	0.670	0.369	0.225	1.785	1.716	1.891
LTE Band 7_Ant 2 TX0	0.651	0.369	0.225	1.766	1.697	1.872
LTE Band 25_Ant 2 TX0	0.671	0.369	0.225	1.786	1.717	1.892
LTE Band 30_Ant 2 TX0	0.665	0.369	0.225	1.780	1.711	1.886
LTE Band 41_Ant 2 TX0	0.659	0.369	0.225	1.774	1.705	1.880
LTE Band 66_Ant 2 TX0	0.660	0.369	0.225	1.775	1.706	1.881
FR1 n7_Ant 2 TX0	0.625	0.369	0.225	1.740	1.671	1.846
FR1 n25_Ant 2 TX0	0.668	0.369	0.225	1.783	1.714	1.889
FR1 n30_Ant 2 TX0	0.674	0.369	0.225	1.789	1.720	1.895
FR1 n38_Ant 2 TX0	0.517	0.369	0.225	1.632	1.563	1.738
FR1 n41_Ant 2 TX0	0.485	0.369	0.225	1.600	1.531	1.706
FR1 n48_Ant 2 Sub TX0	0.668	0.369	0.225	1.783	1.714	1.889
FR1 n66_Ant 2 TX0	0.660	0.369	0.225	1.775	1.706	1.881
FR1 n70_Ant 2 TX0	0.667	0.369	0.225	1.782	1.713	1.888
FR1 n77_Ant 2 Sub TX0	0.640	0.369	0.225	1.755	1.686	1.861

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.4	0.85	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.7	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	20.9	0.59	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 75>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.369	0.244	1.795	1.726	1.901
WCDMA_II_Ant 2 TX0	0.664	0.369	0.244	1.798	1.729	1.904
WCDMA_IV_Ant 2 TX0	0.670	0.369	0.244	1.804	1.735	1.910
LTE Band 7_Ant 2 TX0	0.651	0.369	0.244	1.785	1.716	1.891
LTE Band 25_Ant 2 TX0	0.671	0.369	0.244	1.805	1.736	1.911
LTE Band 30_Ant 2 TX0	0.665	0.369	0.244	1.799	1.730	1.905
LTE Band 41_Ant 2 TX0	0.659	0.369	0.244	1.793	1.724	1.899
LTE Band 66_Ant 2 TX0	0.660	0.369	0.244	1.794	1.725	1.900
FR1 n7_Ant 2 TX0	0.625	0.369	0.244	1.759	1.690	1.865
FR1 n25_Ant 2 TX0	0.668	0.369	0.244	1.802	1.733	1.908
FR1 n30_Ant 2 TX0	0.674	0.369	0.244	1.808	1.739	1.914
FR1 n38_Ant 2 TX0	0.517	0.369	0.244	1.651	1.582	1.757
FR1 n41_Ant 2 TX0	0.485	0.369	0.244	1.619	1.550	1.725
FR1 n48_Ant 2 Sub TX0	0.668	0.369	0.244	1.802	1.733	1.908
FR1 n66_Ant 2 TX0	0.660	0.369	0.244	1.794	1.725	1.900
FR1 n70_Ant 2 TX0	0.667	0.369	0.244	1.801	1.732	1.907
FR1 n77_Ant 2 Sub TX0	0.640	0.369	0.244	1.774	1.705	1.880

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	66.5	0.87	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	103.6	0.92	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	82.5	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 76>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.369	0.242	1.793	1.724	1.899
WCDMA_II_Ant 2 TX0	0.664	0.369	0.242	1.796	1.727	1.902
WCDMA_IV_Ant 2 TX0	0.670	0.369	0.242	1.802	1.733	1.908
LTE Band 7_Ant 2 TX0	0.651	0.369	0.242	1.783	1.714	1.889
LTE Band 25_Ant 2 TX0	0.671	0.369	0.242	1.803	1.734	1.909
LTE Band 30_Ant 2 TX0	0.665	0.369	0.242	1.797	1.728	1.903
LTE Band 41_Ant 2 TX0	0.659	0.369	0.242	1.791	1.722	1.897
LTE Band 66_Ant 2 TX0	0.660	0.369	0.242	1.792	1.723	1.898
FR1 n7_Ant 2 TX0	0.625	0.369	0.242	1.757	1.688	1.863
FR1 n25_Ant 2 TX0	0.668	0.369	0.242	1.800	1.731	1.906
FR1 n30_Ant 2 TX0	0.674	0.369	0.242	1.806	1.737	1.912
FR1 n38_Ant 2 TX0	0.517	0.369	0.242	1.649	1.580	1.755
FR1 n41_Ant 2 TX0	0.485	0.369	0.242	1.617	1.548	1.723
FR1 n48_Ant 2 Sub TX0	0.668	0.369	0.242	1.800	1.731	1.906
FR1 n66_Ant 2 TX0	0.660	0.369	0.242	1.792	1.723	1.898
FR1 n70_Ant 2 TX0	0.667	0.369	0.242	1.799	1.730	1.905
FR1 n77_Ant 2 Sub TX0	0.640	0.369	0.242	1.772	1.703	1.878

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.6	0.87	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	64.4	0.73	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.7	0.92	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	101.4	0.78	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	113.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	19.9	0.61	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	83.0	0.47	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	64.1	0.55	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	12.2	0.41	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	73.4	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 77>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM1900_Ant 2 TX0	0.514	0.185	0.253	1.452	1.404	1.522
WCDMA_II_Ant 2 TX0	0.500	0.185	0.253	1.438	1.390	1.508
WCDMA_IV_Ant 2 TX0	0.588	0.185	0.253	1.526	1.478	1.596
LTE Band 7_Ant 2 TX0	0.549	0.185	0.253	1.487	1.439	1.557
LTE Band 25_Ant 2 TX0	0.521	0.185	0.253	1.459	1.411	1.529
LTE Band 30_Ant 2 TX0	0.413	0.185	0.253	1.351	1.303	1.421
LTE Band 41_Ant 2 TX0	0.411	0.185	0.253	1.349	1.301	1.419
LTE Band 66_Ant 2 TX0	0.514	0.185	0.253	1.452	1.404	1.522
FR1 n7_Ant 2 TX0	0.398	0.185	0.253	1.336	1.288	1.406
FR1 n25_Ant 2 TX0	0.524	0.185	0.253	1.462	1.414	1.532
FR1 n30_Ant 2 TX0	0.496	0.185	0.253	1.434	1.386	1.504
FR1 n38_Ant 2 TX0	0.331	0.185	0.253	1.269	1.221	1.339
FR1 n41_Ant 2 TX0	0.327	0.185	0.253	1.265	1.217	1.335
FR1 n48_Ant 2 Sub TX0	0.497	0.185	0.253	1.435	1.387	1.505
FR1 n66_Ant 2 TX0	0.489	0.185	0.253	1.427	1.379	1.497
FR1 n70_Ant 2 TX0	0.494	0.185	0.253	1.432	1.384	1.502
FR1 n77_Ant 2 Sub TX0	0.482	0.185	0.253	1.420	1.372	1.490

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	32.8	1.16	0.04	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	144.2	0.76	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	79.6	0.64	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	161.6	0.77	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	105.8	0.66	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	128.1	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	98.0	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	147.6	0.84	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	124.2	0.81	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	19.0	0.44	0.02	Not required
WLAN5G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	55.7	0.32	0.00	Not required
WLAN5G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	63.5	0.41	0.00	Not required
WLAN5G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	18.5	0.29	0.01	Not required
WLAN5G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	74.5	0.25	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 78>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.514	0.253	0.201	1.468	1.420	1.538
WCDMA_II_Ant 2 TX0	0.500	0.253	0.201	1.454	1.406	1.524
WCDMA_IV_Ant 2 TX0	0.588	0.253	0.201	1.542	1.494	1.612
LTE Band 7_Ant 2 TX0	0.549	0.253	0.201	1.503	1.455	1.573
LTE Band 25_Ant 2 TX0	0.521	0.253	0.201	1.475	1.427	1.545
LTE Band 30_Ant 2 TX0	0.413	0.253	0.201	1.367	1.319	1.437
LTE Band 41_Ant 2 TX0	0.411	0.253	0.201	1.365	1.317	1.435
LTE Band 66_Ant 2 TX0	0.514	0.253	0.201	1.468	1.420	1.538
FR1 n7_Ant 2 TX0	0.398	0.253	0.201	1.352	1.304	1.422
FR1 n25_Ant 2 TX0	0.524	0.253	0.201	1.478	1.430	1.548
FR1 n30_Ant 2 TX0	0.496	0.253	0.201	1.450	1.402	1.520
FR1 n38_Ant 2 TX0	0.331	0.253	0.201	1.285	1.237	1.355
FR1 n41_Ant 2 TX0	0.327	0.253	0.201	1.281	1.233	1.351
FR1 n48_Ant 2 Sub TX0	0.497	0.253	0.201	1.451	1.403	1.521
FR1 n66_Ant 2 TX0	0.489	0.253	0.201	1.443	1.395	1.513
FR1 n70_Ant 2 TX0	0.494	0.253	0.201	1.448	1.400	1.518
FR1 n77_Ant 2 Sub TX0	0.482	0.253	0.201	1.436	1.388	1.506

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	32.8	1.16	0.04	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	142.3	0.77	0.00	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	160.0	0.79	0.00	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	128.1	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	98.0	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	147.6	0.84	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	124.2	0.81	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	16.6	0.45	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	61.0	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 79>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.514	0.253	0.194	1.461	1.413	1.531
WCDMA_II_Ant 2 TX0	0.500	0.253	0.194	1.447	1.399	1.517
WCDMA_IV_Ant 2 TX0	0.588	0.253	0.194	1.535	1.487	1.605
LTE Band 7_Ant 2 TX0	0.549	0.253	0.194	1.496	1.448	1.566
LTE Band 25_Ant 2 TX0	0.521	0.253	0.194	1.468	1.420	1.538
LTE Band 30_Ant 2 TX0	0.413	0.253	0.194	1.360	1.312	1.430
LTE Band 41_Ant 2 TX0	0.411	0.253	0.194	1.358	1.310	1.428
LTE Band 66_Ant 2 TX0	0.514	0.253	0.194	1.461	1.413	1.531
FR1 n7_Ant 2 TX0	0.398	0.253	0.194	1.345	1.297	1.415
FR1 n25_Ant 2 TX0	0.524	0.253	0.194	1.471	1.423	1.541
FR1 n30_Ant 2 TX0	0.496	0.253	0.194	1.443	1.395	1.513
FR1 n38_Ant 2 TX0	0.331	0.253	0.194	1.278	1.230	1.348
FR1 n41_Ant 2 TX0	0.327	0.253	0.194	1.274	1.226	1.344
FR1 n48_Ant 2 Sub TX0	0.497	0.253	0.194	1.444	1.396	1.514
FR1 n66_Ant 2 TX0	0.489	0.253	0.194	1.436	1.388	1.506
FR1 n70_Ant 2 TX0	0.494	0.253	0.194	1.441	1.393	1.511
FR1 n77_Ant 2 Sub TX0	0.482	0.253	0.194	1.429	1.381	1.499

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	32.8	1.16	0.04	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	96.9	0.76	0.01	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	124.8	0.78	0.01	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	128.1	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	98.0	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	147.6	0.84	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0	124.2	0.81	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	54.0	0.45	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	10.2	0.42	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 80>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.514	0.253	0.243	1.510	1.462	1.580
WCDMA II_Ant 2 TX0	0.500	0.253	0.243	1.496	1.448	1.566
WCDMA IV_Ant 2 TX0	0.588	0.253	0.243	1.584	1.536	1.654
LTE Band 7_Ant 2 TX0	0.549	0.253	0.243	1.545	1.497	1.615
LTE Band 25_Ant 2 TX0	0.521	0.253	0.243	1.517	1.469	1.587
LTE Band 30_Ant 2 TX0	0.413	0.253	0.243	1.409	1.361	1.479
LTE Band 41_Ant 2 TX0	0.411	0.253	0.243	1.407	1.359	1.477
LTE Band 66_Ant 2 TX0	0.514	0.253	0.243	1.510	1.462	1.580
FR1 n7_Ant 2 TX0	0.398	0.253	0.243	1.394	1.346	1.464
FR1 n25_Ant 2 TX0	0.524	0.253	0.243	1.520	1.472	1.590
FR1 n30_Ant 2 TX0	0.496	0.253	0.243	1.492	1.444	1.562
FR1 n38_Ant 2 TX0	0.331	0.253	0.243	1.327	1.279	1.397
FR1 n41_Ant 2 TX0	0.327	0.253	0.243	1.323	1.275	1.393
FR1 n48_Ant 2 Sub TX0	0.497	0.253	0.243	1.493	1.445	1.563
FR1 n66_Ant 2 TX0	0.489	0.253	0.243	1.485	1.437	1.555
FR1 n70_Ant 2 TX0	0.494	0.253	0.243	1.490	1.442	1.560
FR1 n77_Ant 2 Sub TX0	0.482	0.253	0.243	1.478	1.430	1.548

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	32.8	1.16	0.04	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	142.4	0.81	0.01	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	77.1	0.67	0.01	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
Max WWAN Ant 2	0.588	-25.5	-77.0	-207.0	158.2	0.83	0.00	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Max WWAN Ant 2	0.588	-25.5	-77.0	-207.0	103.0	0.68	0.01	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	128.1	0.82	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	98.0	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Max WWAN Ant 2	0.588	-25.5	-77.0	-207.0	146.8	0.84	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.588	-25.5	-77.0	-207.0	123.7	0.81	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	19.2	0.50	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	57.9	0.35	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	63.7	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	20.9	0.32	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	75.9	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.253	-18.5	69.6	-207.0	44.5	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.224	14.7	40.0	-207.0				



<Case 81>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.126	0.369	1.695	1.626	1.801
LTE Band 41_Ant 5 Sub TX1	0.541	0.126	0.369	1.557	1.488	1.663
LTE Band 66_Ant 5 Sub TX1	0.428	0.126	0.369	1.444	1.375	1.550
FR1 n25_Ant 5 Sub TX1	0.627	0.126	0.369	1.643	1.574	1.749
FR1 n38_Ant 5 Sub TX1	0.337	0.126	0.369	1.353	1.284	1.459
FR1 n41_Ant 5 Sub TX1	0.327	0.126	0.369	1.343	1.274	1.449
FR1 n48_Ant 5 Sub TX1	0.305	0.126	0.369	1.321	1.252	1.427
FR1 n66_Ant 5 Sub TX1	0.446	0.126	0.369	1.462	1.393	1.568
FR1 n77_Ant 5 Sub TX1	0.536	0.126	0.369	1.552	1.483	1.658

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	125.4	0.75	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	80.2	0.81	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	22.7	0.50	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	61.6	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 82>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.054	0.369	1.623	1.554	1.729
LTE Band 41_Ant 5 Sub TX1	0.541	0.054	0.369	1.485	1.416	1.591
LTE Band 66_Ant 5 Sub TX1	0.428	0.054	0.369	1.372	1.303	1.478
FR1 n25_Ant 5 Sub TX1	0.627	0.054	0.369	1.571	1.502	1.677
FR1 n38_Ant 5 Sub TX1	0.337	0.054	0.369	1.281	1.212	1.387
FR1 n41_Ant 5 Sub TX1	0.327	0.054	0.369	1.271	1.202	1.377
FR1 n48_Ant 5 Sub TX1	0.305	0.054	0.369	1.249	1.180	1.355
FR1 n66_Ant 5 Sub TX1	0.446	0.054	0.369	1.390	1.321	1.496
FR1 n77_Ant 5 Sub TX1	0.536	0.054	0.369	1.480	1.411	1.586

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	40.5	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-53.9	0.4	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	64.6	0.68	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	23.6	0.73	0.03	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	76.6	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	91.6	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	34.5	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	83.8	0.42	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	12.3	0.36	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 83>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.194	0.369	1.763	1.694	1.869
LTE Band 41_Ant 5 Sub TX1	0.541	0.194	0.369	1.625	1.556	1.731
LTE Band 66_Ant 5 Sub TX1	0.428	0.194	0.369	1.512	1.443	1.618
FR1 n25_Ant 5 Sub TX1	0.627	0.194	0.369	1.711	1.642	1.817
FR1 n38_Ant 5 Sub TX1	0.337	0.194	0.369	1.421	1.352	1.527
FR1 n41_Ant 5 Sub TX1	0.327	0.194	0.369	1.411	1.342	1.517
FR1 n48_Ant 5 Sub TX1	0.305	0.194	0.369	1.389	1.320	1.495
FR1 n66_Ant 5 Sub TX1	0.446	0.194	0.369	1.530	1.461	1.636
FR1 n77_Ant 5 Sub TX1	0.536	0.194	0.369	1.620	1.551	1.726

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	127.5	0.82	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	70.1	0.69	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	82.6	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	24.6	0.75	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	20.7	0.56	0.02	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	81.2	0.44	0.00	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	7.1	0.37	0.03	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 84>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.369	0.225	1.794	1.725	1.900
LTE Band 41_Ant 5 Sub TX1	0.541	0.369	0.225	1.656	1.587	1.762
LTE Band 66_Ant 5 Sub TX1	0.428	0.369	0.225	1.543	1.474	1.649
FR1 n25_Ant 5 Sub TX1	0.627	0.369	0.225	1.742	1.673	1.848
FR1 n38_Ant 5 Sub TX1	0.337	0.369	0.225	1.452	1.383	1.558
FR1 n41_Ant 5 Sub TX1	0.327	0.369	0.225	1.442	1.373	1.548
FR1 n48_Ant 5 Sub TX1	0.305	0.369	0.225	1.420	1.351	1.526
FR1 n66_Ant 5 Sub TX1	0.446	0.369	0.225	1.561	1.492	1.667
FR1 n77_Ant 5 Sub TX1	0.536	0.369	0.225	1.651	1.582	1.757

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.4	0.85	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.4	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	20.9	0.59	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 85>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.369	0.244	1.813	1.744	1.919
LTE Band 41_Ant 5 Sub TX1	0.541	0.369	0.244	1.675	1.606	1.781
LTE Band 66_Ant 5 Sub TX1	0.428	0.369	0.244	1.562	1.493	1.668
FR1 n25_Ant 5 Sub TX1	0.627	0.369	0.244	1.761	1.692	1.867
FR1 n38_Ant 5 Sub TX1	0.337	0.369	0.244	1.471	1.402	1.577
FR1 n41_Ant 5 Sub TX1	0.327	0.369	0.244	1.461	1.392	1.567
FR1 n48_Ant 5 Sub TX1	0.305	0.369	0.244	1.439	1.370	1.545
FR1 n66_Ant 5 Sub TX1	0.446	0.369	0.244	1.580	1.511	1.686
FR1 n77_Ant 5 Sub TX1	0.536	0.369	0.244	1.670	1.601	1.776

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	66.5	0.87	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	21.1	0.92	0.04	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	82.5	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 86>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.369	0.242	1.811	1.742	1.917
LTE Band 41_Ant 5 Sub TX1	0.541	0.369	0.242	1.673	1.604	1.779
LTE Band 66_Ant 5 Sub TX1	0.428	0.369	0.242	1.560	1.491	1.666
FR1 n25_Ant 5 Sub TX1	0.627	0.369	0.242	1.759	1.690	1.865
FR1 n38_Ant 5 Sub TX1	0.337	0.369	0.242	1.469	1.400	1.575
FR1 n41_Ant 5 Sub TX1	0.327	0.369	0.242	1.459	1.390	1.565
FR1 n48_Ant 5 Sub TX1	0.305	0.369	0.242	1.437	1.368	1.543
FR1 n66_Ant 5 Sub TX1	0.446	0.369	0.242	1.578	1.509	1.684
FR1 n77_Ant 5 Sub TX1	0.536	0.369	0.242	1.668	1.599	1.774

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.6	0.87	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	64.4	0.73	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.9	0.92	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	18.9	0.78	0.04	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	19.9	0.61	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	83.0	0.47	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	64.1	0.55	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	12.2	0.41	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	73.4	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 87>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.185	0.253	1.627	1.579	1.697
LTE Band 41_Ant 5 Sub TX1	0.510	0.185	0.253	1.448	1.400	1.518
LTE Band 66_Ant 5 Sub TX1	0.302	0.185	0.253	1.240	1.192	1.310
FR1 n25_Ant 5 Sub TX1	0.516	0.185	0.253	1.454	1.406	1.524
FR1 n38_Ant 5 Sub TX1	0.409	0.185	0.253	1.347	1.299	1.417
FR1 n41_Ant 5 Sub TX1	0.375	0.185	0.253	1.313	1.265	1.383
FR1 n48_Ant 5 Sub TX1	0.303	0.185	0.253	1.241	1.193	1.311
FR1 n66_Ant 5 Sub TX1	0.276	0.185	0.253	1.214	1.166	1.284
FR1 n77_Ant 5 Sub TX1	0.525	0.185	0.253	1.463	1.415	1.533

SAR peak location (mm)			X (axis)		10.5	14.7	0.5	-0.5	1
			Y (axis)		22	40	-58	-55	-57
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.185	0.253			
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.185	0.253			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.185	0.253			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.185	0.253			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.185	0.253			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.185	0.253			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.185	0.253			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.185	0.253			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.185	0.253			



<Case 88>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.253	0.201	1.643	1.595	1.713
LTE Band 41_Ant 5 Sub TX1	0.510	0.253	0.201	1.464	1.416	1.534
LTE Band 66_Ant 5 Sub TX1	0.302	0.253	0.201	1.256	1.208	1.326
FR1 n25_Ant 5 Sub TX1	0.516	0.253	0.201	1.470	1.422	1.540
FR1 n38_Ant 5 Sub TX1	0.409	0.253	0.201	1.363	1.315	1.433
FR1 n41_Ant 5 Sub TX1	0.375	0.253	0.201	1.329	1.281	1.399
FR1 n48_Ant 5 Sub TX1	0.303	0.253	0.201	1.257	1.209	1.327
FR1 n66_Ant 5 Sub TX1	0.276	0.253	0.201	1.230	1.182	1.300
FR1 n77_Ant 5 Sub TX1	0.525	0.253	0.201	1.479	1.431	1.549

SAR peak location (mm)			X (axis)		14.7	-29.5	0.5	-0.5	1
			Y (axis)		40	82	-58	-55	-57
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.253	0.201			
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.253	0.201			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.253	0.201			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.253	0.201			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.253	0.201			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.253	0.201			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.253	0.201			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.253	0.201			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.253	0.201			



<Case 89>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.253	0.194	1.636	1.588	1.706
LTE Band 41_Ant 5 Sub TX1	0.510	0.253	0.194	1.457	1.409	1.527
LTE Band 66_Ant 5 Sub TX1	0.302	0.253	0.194	1.249	1.201	1.319
FR1 n25_Ant 5 Sub TX1	0.516	0.253	0.194	1.463	1.415	1.533
FR1 n38_Ant 5 Sub TX1	0.409	0.253	0.194	1.356	1.308	1.426
FR1 n41_Ant 5 Sub TX1	0.375	0.253	0.194	1.322	1.274	1.392
FR1 n48_Ant 5 Sub TX1	0.303	0.253	0.194	1.250	1.202	1.320
FR1 n66_Ant 5 Sub TX1	0.276	0.253	0.194	1.223	1.175	1.293
FR1 n77_Ant 5 Sub TX1	0.525	0.253	0.194	1.472	1.424	1.542

SAR peak location (mm)			X (axis)		14.7	24.5	0.5	-0.5	1
			Y (axis)		40	37	-58	-55	-57
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.253	0.194			0.04
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.253	0.194			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.253	0.194			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.253	0.194			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.253	0.194			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.253	0.194			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.253	0.194			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.253	0.194			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.253	0.194			



<Case 90>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.253	0.243	1.685	1.637	1.755
LTE Band 41_Ant 5 Sub TX1	0.510	0.253	0.243	1.506	1.458	1.576
LTE Band 66_Ant 5 Sub TX1	0.302	0.253	0.243	1.298	1.250	1.368
FR1 n25_Ant 5 Sub TX1	0.516	0.253	0.243	1.512	1.464	1.582
FR1 n38_Ant 5 Sub TX1	0.409	0.253	0.243	1.405	1.357	1.475
FR1 n41_Ant 5 Sub TX1	0.375	0.253	0.243	1.371	1.323	1.441
FR1 n48_Ant 5 Sub TX1	0.303	0.253	0.243	1.299	1.251	1.369
FR1 n66_Ant 5 Sub TX1	0.276	0.253	0.243	1.272	1.224	1.342
FR1 n77_Ant 5 Sub TX1	0.525	0.253	0.243	1.521	1.473	1.591

SAR peak location (mm)			X (axis)						
			Y (axis)						
			Z (axis)						
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back			1g SAR (W/kg)			0.5
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.253	0.243	0.04	0.04	0.04
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.253	0.243			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.253	0.243			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.253	0.243			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.253	0.243			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.253	0.243			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.253	0.243			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.253	0.243			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.253	0.243			



<Case 91>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	746.0	0.671	82.2	0.671	82.2	1.97	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	746.0	1.298	82.2	1.298	82.2	1.97	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	1.97	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	1.298	-62.3	36.2	-207.0	82.2	1.97	0.03	Not required

<Case 92>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	746.0	0.671	70.1	0.671	70.1	1.90	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	746.0	1.226	70.1	1.226	70.1	1.90	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	70.1	1.90	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	1.226	-63.5	24.0	-207.0	70.1	1.90	0.04	Not required

<Case 93>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	746.0	0.671	75.7	0.671	75.7	2.04	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	746.0	1.366	75.7	1.366	75.7	2.04	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	75.7	2.04	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1.366	-64.5	29.5	-207.0	75.7	2.04	0.04	Not required

<Case 94>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	Distance (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	746.0	0.671	82.2	0.671	82.2	2.07	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	746.0	1.397	82.2	1.397	82.2	2.07	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	2.07	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1.397	-62.3	36.2	-207.0	82.2	2.07	0.04	Not required



<Case 95>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	SAR												3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-1.1	1.1-1.2	1.2-1.3				
Max WWAN Ant 0	747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max WWAN Ant 1	747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WLAN5/6G Ant 4+3	5180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bluetooth Ant 3	2450	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	72.1	2.09	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1.416	-63.5	26.0	-207.0				

<Case 96>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency (MHz)	Power (W)	SAR												3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-1.1	1.1-1.2	1.2-1.3				
Max WWAN Ant 0	747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max WWAN Ant 1	747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WLAN5/6G Ant 4+3	5180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bluetooth Ant 4+3	2450	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	70.1	2.09	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	1.414	-62.5	24.0	-207.0				



<Case 97>

SPLSR calculation for summation SAR>1.6W/kg

Frequency	Power	Antenna	Max SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
900 MHz	1.000 W	Max WWAN Ant 1	0.640	111.4	1.18	0.01	Not required
900 MHz	1.000 W	Max WWAN Ant 0	0.540	143.1	0.78	0.00	Not required
900 MHz	1.000 W	Max WWAN Ant 1	0.640	111.4	1.18	0.01	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(4)	0.243	49.9	0.88	0.02	Not required
900 MHz	1.000 W	Max WWAN Ant 1	0.640	111.4	1.18	0.01	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(3)	0.095	39.6	0.74	0.02	Not required
900 MHz	1.000 W	Max WWAN Ant 0	0.540	143.1	0.78	0.00	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(4)	0.243	49.9	0.88	0.02	Not required
900 MHz	1.000 W	Max WWAN Ant 0	0.540	72.7	0.64	0.01	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(3)	0.095	72.7	0.64	0.01	Not required
900 MHz	1.000 W	Max WWAN Ant 1	0.640	33.6	0.75	0.02	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(4)	0.113	33.6	0.75	0.02	Not required
900 MHz	1.000 W	Max WWAN Ant 1	0.640	18.7	0.83	0.04	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(3)	0.189	18.7	0.83	0.04	Not required
900 MHz	1.000 W	Max WWAN Ant 0	0.540	127.4	0.65	0.00	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(4)	0.113	127.4	0.65	0.00	Not required
900 MHz	1.000 W	Max WWAN Ant 0	0.540	92.9	0.73	0.01	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(3)	0.189	92.9	0.73	0.01	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(4)	0.243	19.2	0.36	0.01	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(4)	0.113	19.2	0.36	0.01	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(3)	0.095	57.9	0.21	0.00	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(4)	0.113	57.9	0.21	0.00	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(4)	0.243	63.7	0.43	0.00	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(3)	0.189	63.7	0.43	0.00	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(3)	0.095	20.9	0.28	0.01	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(3)	0.189	20.9	0.28	0.01	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(4)	0.243	75.9	0.34	0.00	Not required
900 MHz	1.000 W	Bluetooth Ant 4+3(3)	0.095	75.9	0.34	0.00	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(4)	0.113	44.5	0.30	0.00	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3(3)	0.189	44.5	0.30	0.00	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.640	17.5	58.5	-207.0	111.4	1.18	0.01	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
Max WWAN Ant 1	0.640	15.0	71.5	-207.0	49.9	0.88	0.02	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	39.6	0.74	0.02	Not required
Max WWAN Ant 1	0.640	17.5	58.5	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	143.1	0.78	0.00	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	72.7	0.64	0.01	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	33.6	0.75	0.02	Not required
Max WWAN Ant 1	0.640	15.0	71.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	18.7	0.83	0.04	Not required
Max WWAN Ant 1	0.640	17.5	58.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0	127.4	0.65	0.00	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	92.9	0.73	0.01	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0	19.2	0.36	0.01	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	57.9	0.21	0.00	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	63.7	0.43	0.00	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0	20.9	0.28	0.01	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0	75.9	0.34	0.00	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				

<Case 98>

SPLSR calculation for summation SAR>1.6W/kg

Frequency	Power	Antenna	Max SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
900 MHz	1.000 W	Max WWAN Ant 0	0.830	88.3	1.96	0.03	Not required
900 MHz	1.000 W	Max WWAN Ant 1	0.640	88.3	1.96	0.03	Not required
900 MHz	1.000 W	WLAN2.4G Ant 4	1.126	88.3	1.96	0.03	Not required
900 MHz	1.000 W	WLAN5/6G Ant 4+3	1.126	88.3	1.96	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.830	-25.0	52.0	-207.0	88.3	1.96	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	1.126	-24.3	-36.3	-207.0				



<Case 99>

SPLSR calculation for summation SAR>1.6W/kg

Frequency	Polarization	Antenna	SAR (W/kg)		3D distance (mm)		Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			Max	Avg	Max	Avg			
900	Vertical	Ant 0	0.830	0.25	65.5	65.5	2.01	0.04	Not required
900	Horizontal	Ant 0	0.830	0.25	65.5	65.5	2.01	0.04	Not required
1800	Vertical	Ant 1	1.179	0.35	65.5	65.5	2.01	0.04	Not required
1800	Horizontal	Ant 1	1.179	0.35	65.5	65.5	2.01	0.04	Not required
2400	Vertical	Ant 3	1.179	0.35	65.5	65.5	2.01	0.04	Not required
2400	Horizontal	Ant 3	1.179	0.35	65.5	65.5	2.01	0.04	Not required
5200	Vertical	Ant 4+3	1.179	0.35	65.5	65.5	2.01	0.04	Not required
5200	Horizontal	Ant 4+3	1.179	0.35	65.5	65.5	2.01	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.830	-25.0	52.0	-207.0	65.5	2.01	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	1.179	-27.0	-13.5	-207.0	65.5	2.01	0.04	Not required

<Case 100>

SPLSR calculation for summation SAR>1.6W/kg

Frequency	Polarization	Antenna	SAR (W/kg)		3D distance (mm)		Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			Max	Avg	Max	Avg			
900	Vertical	Ant 0	0.830	0.25	77.3	77.3	2.08	0.04	Not required
900	Horizontal	Ant 0	0.830	0.25	77.3	77.3	2.08	0.04	Not required
1800	Vertical	Ant 1	1.245	0.37	77.3	77.3	2.08	0.04	Not required
1800	Horizontal	Ant 1	1.245	0.37	77.3	77.3	2.08	0.04	Not required
2400	Vertical	Ant 4+3	1.245	0.37	77.3	77.3	2.08	0.04	Not required
2400	Horizontal	Ant 4+3	1.245	0.37	77.3	77.3	2.08	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.830	-23.2	41.0	-207.0	77.3	2.08	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1.245	-24.3	-36.3	-207.0	77.3	2.08	0.04	Not required

<Case 101>

SPLSR calculation for summation SAR>1.6W/kg

Frequency	Polarization	Antenna	SAR (W/kg)		3D distance (mm)		Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			Max	Avg	Max	Avg			
900	Vertical	Ant 0	0.830	0.25	88.3	88.3	1.96	0.03	Not required
900	Horizontal	Ant 0	0.830	0.25	88.3	88.3	1.96	0.03	Not required
1800	Vertical	Ant 1	1.126	0.34	88.3	88.3	1.96	0.03	Not required
1800	Horizontal	Ant 1	1.126	0.34	88.3	88.3	1.96	0.03	Not required
2400	Vertical	Ant 4+3	1.126	0.34	88.3	88.3	1.96	0.03	Not required
2400	Horizontal	Ant 4+3	1.126	0.34	88.3	88.3	1.96	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.830	-25.0	52.0	-207.0	88.3	1.96	0.03	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1.126	-24.3	-36.3	-207.0	88.3	1.96	0.03	Not required

<Case 102>

SPLSR calculation for summation SAR>1.6W/kg

Frequency	Polarization	Antenna	SAR (W/kg)		3D distance (mm)		Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			Max	Avg	Max	Avg			
900	Vertical	Ant 0	0.830	0.25	77.3	77.3	2.29	0.04	Not required
900	Horizontal	Ant 0	0.830	0.25	77.3	77.3	2.29	0.04	Not required
1800	Vertical	Ant 1	1.455	0.43	77.3	77.3	2.29	0.04	Not required
1800	Horizontal	Ant 1	1.455	0.43	77.3	77.3	2.29	0.04	Not required
2400	Vertical	Ant 4+3	1.455	0.43	77.3	77.3	2.29	0.04	Not required
2400	Horizontal	Ant 4+3	1.455	0.43	77.3	77.3	2.29	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.830	-23.2	41.0	-207.0	77.3	2.29	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1.455	-24.3	-36.3	-207.0	77.3	2.29	0.04	Not required



<Case 103>

SPLSR calculation for summation SAR>1.6W/kg

Table with 35 columns (Frequency, Power, SAR, etc.) and multiple rows of data for various antenna combinations.

Summary table for Case 103 showing SAR (0.830), SAR peak location (X: -23.2, Y: 41.0, Z: -207.0), 3D distance (77.3), Summed SAR (2.06), SPLSR Results (0.04), and Simultaneous SAR (Not required).

<Case 104>

SPLSR calculation for summation SAR>1.6W/kg

Table with 35 columns (Frequency, Power, SAR, etc.) and multiple rows of data for various antenna combinations.

Summary table for Case 104 showing SAR (1.338), SAR peak location (X: -59.5, Y: -46.0, Z: -207.0), 3D distance (82.2), Summed SAR (1.83), SPLSR Results (0.03), and Simultaneous SAR (Not required).

<Case 105>

SPLSR calculation for summation SAR>1.6W/kg

Table with 35 columns (Frequency, Power, SAR, etc.) and multiple rows of data for various antenna combinations.

Summary table for Case 105 showing SAR (1.338), SAR peak location (X: -59.5, Y: -46.0, Z: -207.0), 3D distance (70.1), Summed SAR (1.76), SPLSR Results (0.03), and Simultaneous SAR (Not required).



<Case 106>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, SAR, and SAR peak location (X, Y, Z) for various antenna combinations and frequencies.

Summary table for Case 106 showing SAR values (1.338, 0.563), SAR peak location (X: -59.5, Y: -46.0, Z: -207.0), 3D distance (75.7), Summed SAR (1.90), SPLSR Results (0.03), and Simultaneous SAR (Not required).

<Case 107>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, SAR, and SAR peak location (X, Y, Z) for various antenna combinations and frequencies.

Summary table for Case 107 showing SAR values (1.338, 0.594), SAR peak location (X: -59.5, Y: -46.0, Z: -207.0), 3D distance (82.2), Summed SAR (1.93), SPLSR Results (0.03), and Simultaneous SAR (Not required).

<Case 108>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, SAR, and SAR peak location (X, Y, Z) for various antenna combinations and frequencies.

Summary table for Case 108 showing SAR values (1.338, 0.613), SAR peak location (X: -59.5, Y: -46.0, Z: -207.0), 3D distance (72.1), Summed SAR (1.95), SPLSR Results (0.04), and Simultaneous SAR (Not required).



<Case 109>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, SAR, 1G SAR (W/kg), and SAR values for various antenna combinations (e.g., GSM18, GSM19, GSM20, etc.).

Summary table for Case 109 showing SAR (1.338, 0.611), SAR peak location (X: -59.5, Y: -46.0, Z: -207.0), 3D distance (70.1), Summed SAR (1.95), SPLSR Results (0.04), and Simultaneous SAR (Not required).

<Case 110>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, SAR, 1G SAR (W/kg), and SAR values for various antenna combinations (e.g., GSM18, GSM19, GSM20, etc.).

Summary table for Case 110 showing SAR (1.034, 0.616), SAR peak location (X: -25.0, Y: 47.0, Z: -207.0), 3D distance (83.3), Summed SAR (1.65), SPLSR Results (0.03), and Simultaneous SAR (Not required).



<Case 111>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5.6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.305	0.446	0.535
				0.1+2+9 Summed SAR	0.1+10 Summed SAR	0.1+2+11 Summed SAR	0.1+2+12 Summed SAR	0.1+2+13 Summed SAR	0.1+2+14 Summed SAR	0.1+2+15 Summed SAR	0.1+2+16 Summed SAR	0.1+2+17 Summed SAR
GSM850_Ant 0 TXD	0.540	0.126	0.369	1.714	1.576	1.463	1.652	1.372	1.362	1.340	1.481	1.571
WCDMA_V_Ant 0 TXD	0.548	0.126	0.369	1.722	1.584	1.471	1.670	1.370	1.370	1.348	1.489	1.579
LTE Band 12_Ant 0 TXD	0.414	0.126	0.369	1.588	1.450	1.337	1.536	1.246	1.236	1.214	1.355	1.445
LTE Band 12_Ant 0 Sub TXD	0.652	0.126	0.369	1.836	1.698	1.585	1.784	1.494	1.484	1.462	1.603	1.693
LTE Band 14_Ant 0 TXD	0.649	0.126	0.369	1.823	1.685	1.572	1.771	1.481	1.471	1.449	1.590	1.680
LTE Band 25_Ant 0 Sub TXD	0.652	0.126	0.369	1.836	1.698	1.585	1.784	1.494	1.484	1.462	1.603	1.693
LTE Band 25_Ant 0 TXD	0.493	0.126	0.369	1.667	1.529	1.416	1.615	1.325	1.315	1.293	1.434	1.524
LTE Band 41_Ant 0 Sub TXD	0.591	0.126	0.369	1.765	1.627	1.514	1.713	1.423	1.413	1.391	1.532	1.622
LTE Band 41_Ant 0 TXD	0.667	0.126	0.369	1.841	1.703	1.590	1.789	1.499	1.489	1.467	1.608	1.698
LTE Band 71_Ant 0 TXD	0.543	0.126	0.369	1.717	1.579	1.466	1.665	1.375	1.365	1.343	1.484	1.574
FR1 n12_Ant 0 TXD	0.428	0.126	0.369	1.602	1.464	1.351	1.550	1.260	1.250	1.228	1.369	1.459
FR1 n12_Ant 0 Sub TXD	0.658	0.126	0.369	1.832	1.694	1.581	1.780	1.490	1.480	1.458	1.599	1.689
FR1 n25_Ant 0 Sub TXD	0.671	0.126	0.369	1.845	1.707	1.594	1.793	1.503	1.493	1.471	1.612	1.702
FR1 n25_Ant 0 TXD	0.555	0.126	0.369	1.729	1.591	1.478	1.677	1.387	1.377	1.355	1.496	1.586
FR1 n38_Ant 0 Sub TXD	0.591	0.126	0.369	1.765	1.627	1.514	1.713	1.423	1.413	1.391	1.532	1.622
FR1 n38_Ant 0 TXD	0.527	0.126	0.369	1.701	1.563	1.450	1.649	1.359	1.349	1.327	1.468	1.558
FR1 n48_Ant 0 Sub TXD	0.661	0.126	0.369	1.835	1.697	1.584	1.783	1.493	1.483	1.461	1.602	1.692
FR1 n48_Ant 0 TXD	0.543	0.126	0.369	1.717	1.579	1.466	1.665	1.375	1.365	1.343	1.484	1.574

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	41.0	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-58.1	-46.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	80.2	0.81	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	133.3	0.80	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0	136.5	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	22.7	0.50	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	61.6	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 112>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5.6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.505	0.446	0.535
				0.11+2+9 Summed SAR	0.11+2+10 Summed SAR	0.11+2+11 Summed SAR	0.11+2+12 Summed SAR	0.11+2+13 Summed SAR	0.11+2+14 Summed SAR	0.11+2+15 Summed SAR	0.11+2+16 Summed SAR	0.11+2+17 Summed SAR
GSM850_Ant 0 TXD	0.540	0.054	0.369	1.642	1.504	1.391	1.590	1.300	1.290	1.268	1.409	1.499
WCDMA_V_Ant 0 TXD	0.548	0.054	0.369	1.650	1.512	1.399	1.598	1.308	1.298	1.276	1.417	1.507
LTE Band 12_Ant 0 TXD	0.414	0.054	0.369	1.516	1.378	1.265	1.464	1.174	1.164	1.142	1.283	1.373
LTE Band 13_Ant 0 TXD	0.662	0.054	0.369	1.764	1.626	1.513	1.712	1.422	1.412	1.390	1.531	1.621
LTE Band 14_Ant 0 TXD	0.649	0.054	0.369	1.751	1.613	1.500	1.699	1.409	1.399	1.377	1.518	1.608
LTE Band 25_Ant 0 Sub TXD	0.662	0.054	0.369	1.764	1.626	1.513	1.712	1.422	1.412	1.390	1.531	1.621
LTE Band 26_Ant 0 TXD	0.493	0.054	0.369	1.595	1.457	1.344	1.543	1.253	1.243	1.221	1.362	1.452
LTE Band 41_Ant 0 Sub TXD	0.591	0.054	0.369	1.693	1.555	1.442	1.641	1.351	1.341	1.319	1.460	1.550
LTE Band 66_Ant 0 Sub TXD	0.667	0.054	0.369	1.769	1.631	1.518	1.717	1.427	1.417	1.395	1.536	1.626
LTE Band 71_Ant 0 TXD	0.543	0.054	0.369	1.645	1.507	1.394	1.593	1.303	1.293	1.271	1.412	1.502
FR1 n12_Ant 0 TXD	0.428	0.054	0.369	1.530	1.392	1.279	1.478	1.188	1.178	1.156	1.297	1.387
FR1 n14_Ant 0 TXD	0.658	0.054	0.369	1.760	1.622	1.509	1.708	1.418	1.408	1.386	1.527	1.617
FR1 n25_Ant 0 Sub TXD	0.671	0.054	0.369	1.773	1.635	1.522	1.721	1.431	1.421	1.399	1.540	1.630
FR1 n38_Ant 0 TXD	0.555	0.054	0.369	1.657	1.519	1.406	1.605	1.315	1.305	1.283	1.424	1.514
FR1 n38_Ant 0 Sub TXD	0.591	0.054	0.369	1.693	1.555	1.442	1.641	1.351	1.341	1.319	1.460	1.550
FR1 n41_Ant 0 Sub TXD	0.527	0.054	0.369	1.629	1.491	1.378	1.577	1.287	1.277	1.255	1.396	1.486
FR1 n66_Ant 0 Sub TXD	0.661	0.054	0.369	1.763	1.625	1.512	1.711	1.421	1.411	1.389	1.530	1.620
FR1 n77_Ant 0 TXD	0.543	0.054	0.369	1.645	1.507	1.394	1.593	1.303	1.293	1.271	1.412	1.502

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	41.0	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-58.1	-46.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	19.4	0.73	0.03	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	70.1	0.73	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0	136.5	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	83.8	0.42	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	12.3	0.36	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 113>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5GHz Ant 4+3	LTE Band 26_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)											
	0.679	0.194	0.369	1.752	1.644	1.531	1.730	1.440	1.430	1.406	1.549	1.639
GSM850_Ant 0 TXI	0.540	0.194	0.369	1.752	1.644	1.531	1.730	1.440	1.430	1.406	1.549	1.639
WCDMA_V_Ant 0 TXI	0.548	0.194	0.369	1.750	1.652	1.539	1.738	1.448	1.438	1.416	1.557	1.647
LTE Band 12_Ant 0 TXI	0.414	0.194	0.369	1.656	1.518	1.405	1.694	1.314	1.304	1.282	1.423	1.513
LTE Band 13_Ant 0 TXI	0.662	0.194	0.369	1.904	1.766	1.653	1.852	1.562	1.552	1.530	1.671	1.761
LTE Band 14_Ant 0 TXI	0.649	0.194	0.369	1.891	1.753	1.640	1.839	1.549	1.539	1.517	1.658	1.748
LTE Band 26_Ant 0 Sub TXI	0.662	0.194	0.369	1.904	1.766	1.653	1.852	1.562	1.552	1.530	1.671	1.761
LTE Band 26_Ant 0 TXI	0.493	0.194	0.369	1.735	1.597	1.484	1.683	1.393	1.383	1.361	1.502	1.592
LTE Band 41_Ant 0 Sub TXI	0.591	0.194	0.369	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690
LTE Band 41_Ant 0 TXI	0.667	0.194	0.369	1.909	1.771	1.658	1.857	1.567	1.557	1.535	1.676	1.766
LTE Band 71_Ant 0 TXI	0.543	0.194	0.369	1.785	1.647	1.534	1.733	1.443	1.433	1.411	1.552	1.642
FR1 n12_Ant 0 TXI	0.428	0.194	0.369	1.670	1.532	1.419	1.618	1.328	1.318	1.296	1.437	1.527
FR1 n12_Ant 0 Sub TXI	0.658	0.194	0.369	1.900	1.762	1.649	1.848	1.558	1.548	1.526	1.667	1.757
FR1 n25_Ant 0 Sub TXI	0.671	0.194	0.369	1.813	1.775	1.662	1.861	1.571	1.561	1.539	1.680	1.770
FR1 n25_Ant 0 TXI	0.556	0.194	0.369	1.797	1.659	1.546	1.745	1.455	1.445	1.423	1.564	1.654
FR1 n38_Ant 0 Sub TXI	0.591	0.194	0.369	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690
FR1 n38_Ant 0 TXI	0.527	0.194	0.369	1.769	1.631	1.518	1.717	1.427	1.417	1.395	1.536	1.626
FR1 n48_Ant 0 Sub TXI	0.661	0.194	0.369	1.903	1.765	1.652	1.851	1.561	1.551	1.529	1.670	1.760
FR1 n48_Ant 0 TXI	0.543	0.194	0.369	1.785	1.647	1.534	1.733	1.443	1.433	1.411	1.552	1.642

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	82.6	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	24.6	0.75	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	135.5	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	75.7	0.74	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0	136.5	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	20.7	0.56	0.02	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	81.2	0.44	0.00	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	7.1	0.37	0.03	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 114>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.505	0.446	0.535
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM850_Ant 0 TXI	0.540	0.369	0.225	1.813	1.675	1.562	1.751	1.471	1.461	1.439	1.580	1.670
WCDMA_V_Ant 0 TXI	0.548	0.369	0.225	1.821	1.683	1.570	1.759	1.479	1.469	1.447	1.588	1.678
LTE Band 12_Ant 0 TXI	0.414	0.369	0.225	1.687	1.549	1.436	1.635	1.345	1.335	1.313	1.454	1.544
LTE Band 13_Ant 0 TXI	0.662	0.369	0.225	1.935	1.797	1.684	1.883	1.593	1.583	1.561	1.702	1.792
LTE Band 14_Ant 0 TXI	0.649	0.369	0.225	1.922	1.784	1.671	1.870	1.580	1.570	1.548	1.689	1.779
LTE Band 25_Ant 0 Sub TXI	0.662	0.369	0.225	1.935	1.797	1.684	1.883	1.593	1.583	1.561	1.702	1.792
LTE Band 26_Ant 0 TXI	0.493	0.369	0.225	1.756	1.628	1.515	1.714	1.424	1.414	1.392	1.533	1.623
LTE Band 41_Ant 0 Sub TXI	0.591	0.369	0.225	1.854	1.726	1.613	1.812	1.522	1.512	1.490	1.631	1.721
LTE Band 66_Ant 0 Sub TXI	0.667	0.369	0.225	1.940	1.802	1.689	1.888	1.598	1.588	1.566	1.707	1.797
LTE Band 71_Ant 0 TXI	0.543	0.369	0.225	1.816	1.678	1.565	1.754	1.474	1.464	1.442	1.583	1.673
FR1 n12_Ant 0 TXI	0.428	0.369	0.225	1.701	1.563	1.450	1.649	1.359	1.349	1.327	1.468	1.558
FR1 n14_Ant 0 TXI	0.658	0.369	0.225	1.931	1.793	1.680	1.879	1.589	1.579	1.557	1.698	1.788
FR1 n25_Ant 0 Sub TXI	0.671	0.369	0.225	1.944	1.806	1.693	1.892	1.602	1.592	1.570	1.711	1.801
FR1 n38_Ant 0 TXI	0.556	0.369	0.225	1.828	1.690	1.577	1.776	1.486	1.476	1.454	1.595	1.685
FR1 n41_Ant 0 Sub TXI	0.591	0.369	0.225	1.864	1.726	1.613	1.812	1.522	1.512	1.490	1.631	1.721
FR1 n48_Ant 0 Sub TXI	0.527	0.369	0.225	1.800	1.662	1.549	1.748	1.458	1.448	1.426	1.567	1.657
FR1 n66_Ant 0 Sub TXI	0.661	0.369	0.225	1.934	1.796	1.683	1.882	1.592	1.582	1.560	1.701	1.791
FR1 n77_Ant 0 TXI	0.543	0.369	0.225	1.816	1.678	1.565	1.754	1.474	1.464	1.442	1.583	1.673

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.4	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	134.4	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0	136.5	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	20.9	0.59	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 115>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.505	0.446	0.535
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM850_Ant 0 TXD	0.540	0.369	0.244	1.832	1.694	1.581	1.750	1.490	1.480	1.458	1.599	1.688
WCDMA_V_Ant 0 TXD	0.548	0.369	0.244	1.840	1.702	1.589	1.758	1.498	1.488	1.466	1.607	1.697
LTE Band 12_Ant 0 TXD	0.414	0.369	0.244	1.706	1.568	1.455	1.654	1.364	1.354	1.332	1.473	1.563
LTE Band 13_Ant 0 TXD	0.662	0.369	0.244	1.954	1.816	1.703	1.902	1.612	1.602	1.580	1.721	1.811
LTE Band 14_Ant 0 TXD	0.649	0.369	0.244	1.941	1.803	1.690	1.889	1.599	1.589	1.567	1.708	1.798
LTE Band 25_Ant 0 Sub TXD	0.662	0.369	0.244	1.954	1.816	1.703	1.902	1.612	1.602	1.580	1.721	1.811
LTE Band 26_Ant 0 TXD	0.493	0.369	0.244	1.785	1.647	1.534	1.733	1.443	1.433	1.411	1.552	1.642
LTE Band 41_Ant 0 Sub TXD	0.591	0.369	0.244	1.883	1.745	1.632	1.831	1.541	1.531	1.509	1.650	1.740
LTE Band 66_Ant 0 Sub TXD	0.667	0.369	0.244	1.959	1.821	1.708	1.907	1.617	1.607	1.585	1.726	1.816
LTE Band 71_Ant 0 TXD	0.543	0.369	0.244	1.835	1.697	1.584	1.783	1.493	1.483	1.461	1.602	1.692
FR1 n12_Ant 0 TXD	0.428	0.369	0.244	1.720	1.582	1.469	1.668	1.378	1.368	1.346	1.487	1.577
FR1 n14_Ant 0 TXD	0.658	0.369	0.244	1.950	1.812	1.699	1.898	1.608	1.598	1.576	1.717	1.807
FR1 n25_Ant 0 Sub TXD	0.671	0.369	0.244	1.963	1.825	1.712	1.911	1.621	1.611	1.589	1.730	1.820
FR1 n38_Ant 0 TXD	0.556	0.369	0.244	1.847	1.709	1.596	1.795	1.505	1.495	1.473	1.614	1.704
FR1 n38_Ant 0 Sub TXD	0.591	0.369	0.244	1.883	1.745	1.632	1.831	1.541	1.531	1.509	1.650	1.740
FR1 n41_Ant 0 Sub TXD	0.527	0.369	0.244	1.819	1.681	1.568	1.767	1.477	1.467	1.445	1.586	1.676
FR1 n48_Ant 0 Sub TXD	0.661	0.369	0.244	1.953	1.815	1.702	1.901	1.611	1.601	1.579	1.720	1.810
FR1 n77_Ant 0 TXD	0.543	0.369	0.244	1.835	1.697	1.584	1.783	1.493	1.483	1.461	1.602	1.692

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	21.1	0.92	0.04	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	72.1	0.92	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0	136.5	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	82.5	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 116>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.537	0.507	0.505	0.446	0.535	
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR
GSM850_Ant 0 TXI	0.540	0.369	0.242	1.830	1.692	1.579	1.778	1.488	1.478	1.456	1.597	1.587
WCDMA_V_Ant 0 TXI	0.548	0.369	0.242	1.838	1.700	1.587	1.786	1.496	1.486	1.464	1.605	1.595
LTE Band 12_Ant 0 TXI	0.414	0.369	0.242	1.704	1.566	1.453	1.652	1.362	1.352	1.330	1.471	1.561
LTE Band 13_Ant 0 TXI	0.662	0.369	0.242	1.952	1.814	1.701	1.900	1.610	1.600	1.578	1.719	1.809
LTE Band 14_Ant 0 TXI	0.649	0.369	0.242	1.939	1.801	1.688	1.887	1.597	1.587	1.565	1.706	1.796
LTE Band 25_Ant 0 Sub TXI	0.662	0.369	0.242	1.952	1.814	1.701	1.900	1.610	1.600	1.578	1.719	1.809
LTE Band 26_Ant 0 TXI	0.493	0.369	0.242	1.783	1.645	1.532	1.731	1.441	1.431	1.409	1.550	1.640
LTE Band 41_Ant 0 Sub TXI	0.591	0.369	0.242	1.881	1.743	1.630	1.829	1.539	1.529	1.507	1.648	1.738
LTE Band 66_Ant 0 Sub TXI	0.667	0.369	0.242	1.957	1.819	1.706	1.905	1.615	1.605	1.583	1.724	1.814
LTE Band 71_Ant 0 TXI	0.543	0.369	0.242	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690
FR1 n12_Ant 0 TXI	0.428	0.369	0.242	1.718	1.580	1.467	1.666	1.376	1.366	1.344	1.485	1.575
FR1 n14_Ant 0 TXI	0.658	0.369	0.242	1.948	1.810	1.697	1.896	1.606	1.596	1.574	1.715	1.805
FR1 n25_Ant 0 Sub TXI	0.671	0.369	0.242	1.961	1.823	1.710	1.909	1.619	1.609	1.587	1.728	1.818
FR1 n38_Ant 0 TXI	0.556	0.369	0.242	1.845	1.707	1.594	1.793	1.503	1.493	1.471	1.612	1.702
FR1 n41_Ant 0 Sub TXI	0.591	0.369	0.242	1.881	1.743	1.630	1.829	1.539	1.529	1.507	1.648	1.738
FR1 n48_Ant 0 Sub TXI	0.527	0.369	0.242	1.817	1.679	1.566	1.765	1.475	1.465	1.443	1.584	1.674
FR1 n66_Ant 0 Sub TXI	0.661	0.369	0.242	1.951	1.813	1.700	1.899	1.609	1.599	1.577	1.718	1.808
FR1 n77_Ant 0 TXI	0.543	0.369	0.242	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	81.9	0.92	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	134.7	0.91	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	70.1	0.77	0.01	Not required
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 0	0.671	-56.1	-47.1	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	136.5	1.04	0.01	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	82.2	0.98	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	19.9	0.61	0.02	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	83.0	0.47	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	64.1	0.55	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	12.2	0.41	0.02	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	73.4	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	75.7	0.67	0.01	Not required



<Case 117>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5GHz Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Back	1g SAR (W/kg)											
	0.689	0.590	0.302	0.499	0.516	0.375	0.303	0.276	0.525			
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR
GSM850_Ant 0 TXI	0.497	0.185	0.189	1.550	1.381	1.173	1.387	1.280	1.246	1.174	1.147	1.396
WCDMA_V_Ant 0 TXI	0.370	0.185	0.189	1.433	1.254	1.046	1.260	1.153	1.119	1.047	1.020	1.269
LTE Band 12_Ant 0 TXI	0.264	0.185	0.189	1.327	1.148	0.940	1.154	1.047	1.013	0.941	0.914	1.163
LTE Band 13_Ant 0 TXI	0.427	0.185	0.189	1.450	1.311	1.103	1.317	1.210	1.176	1.104	1.077	1.326
LTE Band 14_Ant 0 TXI	0.427	0.185	0.189	1.450	1.311	1.103	1.317	1.210	1.176	1.104	1.077	1.326
LTE Band 25_Ant 0 Sub TXI	0.540	0.185	0.189	1.603	1.424	1.216	1.430	1.323	1.289	1.217	1.190	1.439
LTE Band 26_Ant 0 TXI	0.389	0.185	0.189	1.452	1.273	1.065	1.279	1.172	1.138	1.066	1.039	1.288
LTE Band 41_Ant 0 Sub TXI	0.506	0.185	0.189	1.569	1.390	1.182	1.396	1.289	1.255	1.183	1.156	1.405
LTE Band 66_Ant 0 Sub TXI	0.416	0.185	0.189	1.479	1.300	1.092	1.306	1.199	1.165	1.093	1.066	1.315
LTE Band 71_Ant 0 TXI	0.340	0.185	0.189	1.403	1.224	1.016	1.230	1.123	1.089	1.017	0.990	1.239
FR1 n12_Ant 0 TXI	0.271	0.185	0.189	1.334	1.155	0.947	1.161	1.054	1.020	0.948	0.921	1.170
FR1 n14_Ant 0 TXI	0.428	0.185	0.189	1.491	1.312	1.104	1.318	1.211	1.177	1.105	1.078	1.327
FR1 n25_Ant 0 Sub TXI	0.497	0.185	0.189	1.560	1.381	1.173	1.387	1.280	1.246	1.174	1.147	1.396
FR1 n38_Ant 0 TXI	0.389	0.185	0.189	1.452	1.273	1.065	1.279	1.172	1.138	1.066	1.039	1.288
FR1 n41_Ant 0 Sub TXI	0.467	0.185	0.189	1.530	1.351	1.143	1.357	1.250	1.216	1.144	1.117	1.366
FR1 n48_Ant 0 Sub TXI	0.434	0.185	0.189	1.497	1.318	1.110	1.324	1.217	1.183	1.111	1.084	1.333
FR1 n66_Ant 0 Sub TXI	0.411	0.185	0.189	1.474	1.295	1.087	1.301	1.194	1.160	1.088	1.061	1.310
FR1 n77_Ant 0 TXI	0.359	0.185	0.189	1.422	1.243	1.035	1.249	1.142	1.108	1.036	1.009	1.258

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	52.7	1.23	0.03	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	93.5	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	22.7	0.76	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	144.6	0.73	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	75.1	0.61	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.80	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	127.4	0.65	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	92.9	0.73	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	19.0	0.30	0.01	Not required
WLAN5G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	55.7	0.18	0.00	Not required
WLAN5G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	63.5	0.37	0.00	Not required
WLAN5G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	18.5	0.26	0.01	Not required
WLAN5G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	74.5	0.25	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 118>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.590	0.302	0.516	0.409	0.375	0.303	0.276	0.525
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM850_Ant 0 TXD	0.497	0.189	0.201	1.576	1.397	1.189	1.403	1.296	1.262	1.190	1.163	1.412
WCDMA_V_Ant 0 TXD	0.370	0.189	0.201	1.449	1.270	1.062	1.276	1.169	1.135	1.063	1.036	1.285
LTE Band 12_Ant 0 TXD	0.264	0.189	0.201	1.343	1.164	0.956	1.170	1.063	1.029	0.957	0.930	1.179
LTE Band 13_Ant 0 TXD	0.427	0.189	0.201	1.506	1.327	1.119	1.333	1.226	1.192	1.120	1.093	1.342
LTE Band 14_Ant 0 TXD	0.427	0.189	0.201	1.506	1.327	1.119	1.333	1.226	1.192	1.120	1.093	1.342
LTE Band 25_Ant 0 Sub TXD	0.540	0.189	0.201	1.619	1.440	1.232	1.446	1.339	1.305	1.233	1.206	1.455
LTE Band 26_Ant 0 TXD	0.389	0.189	0.201	1.468	1.289	1.081	1.295	1.188	1.154	1.082	1.055	1.304
LTE Band 41_Ant 0 Sub TXD	0.506	0.189	0.201	1.585	1.406	1.198	1.412	1.305	1.271	1.199	1.172	1.421
LTE Band 66_Ant 0 Sub TXD	0.416	0.189	0.201	1.495	1.316	1.108	1.322	1.215	1.181	1.109	1.082	1.331
LTE Band 71_Ant 0 TXD	0.340	0.189	0.201	1.419	1.240	1.032	1.246	1.139	1.105	1.033	1.006	1.255
FR1 n12_Ant 0 TXD	0.271	0.189	0.201	1.350	1.171	0.963	1.177	1.070	1.036	0.964	0.937	1.186
FR1 n14_Ant 0 TXD	0.428	0.189	0.201	1.507	1.328	1.120	1.334	1.227	1.193	1.121	1.094	1.343
FR1 n25_Ant 0 Sub TXD	0.497	0.189	0.201	1.576	1.397	1.189	1.403	1.296	1.262	1.190	1.163	1.412
FR1 n38_Ant 0 TXD	0.389	0.189	0.201	1.468	1.289	1.081	1.295	1.188	1.154	1.082	1.055	1.304
FR1 n41_Ant 0 Sub TXD	0.467	0.189	0.201	1.546	1.367	1.159	1.373	1.266	1.232	1.160	1.133	1.382
FR1 n48_Ant 0 Sub TXD	0.434	0.189	0.201	1.513	1.334	1.126	1.340	1.233	1.199	1.127	1.100	1.349
FR1 n66_Ant 0 Sub TXD	0.411	0.189	0.201	1.480	1.311	1.103	1.317	1.210	1.176	1.104	1.077	1.326
FR1 n77_Ant 0 TXD	0.359	0.189	0.201	1.438	1.259	1.051	1.265	1.158	1.124	1.052	1.025	1.274

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	52.7	1.23	0.03	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	91.3	0.89	0.01	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	142.6	0.74	0.00	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.80	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	127.4	0.65	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	92.9	0.73	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	16.6	0.31	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	61.0	0.39	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 119>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 26_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.540	0.302	0.516	0.409	0.375	0.303	0.276	0.525
				0.194+7.199 Summed SAR	0.194+7.10 Summed SAR	0.194+7.111 Summed SAR	0.194+7.112 Summed SAR	0.194+7.113 Summed SAR	0.194+7.114 Summed SAR	0.194+7.115 Summed SAR	0.194+7.116 Summed SAR	0.194+7.117 Summed SAR
GSM850_Ant 0 TXD	0.497	0.189	0.194	1.569	1.390	1.182	1.396	1.289	1.255	1.183	1.156	1.405
WCDMA_V_Ant 0 TXD	0.370	0.189	0.194	1.442	1.263	1.055	1.269	1.162	1.128	1.056	1.029	1.278
LTE Band 12_Ant 0 TXD	0.264	0.189	0.194	1.336	1.157	0.949	1.163	1.056	1.022	0.950	0.923	1.172
LTE Band 13_Ant 0 TXD	0.427	0.189	0.194	1.459	1.320	1.112	1.326	1.219	1.185	1.113	1.086	1.335
LTE Band 14_Ant 0 TXD	0.427	0.189	0.194	1.459	1.320	1.112	1.326	1.219	1.185	1.113	1.086	1.335
LTE Band 26_Ant 0 Sub TXD	0.540	0.189	0.194	1.812	1.433	1.225	1.439	1.332	1.298	1.226	1.199	1.448
LTE Band 26_Ant 0 TXD	0.389	0.189	0.194	1.461	1.282	1.074	1.288	1.181	1.147	1.075	1.048	1.297
LTE Band 41_Ant 0 Sub TXD	0.506	0.189	0.194	1.578	1.399	1.191	1.405	1.298	1.264	1.192	1.165	1.414
LTE Band 41_Ant 0 TXD	0.416	0.189	0.194	1.488	1.309	1.101	1.315	1.208	1.174	1.102	1.075	1.324
LTE Band 71_Ant 0 TXD	0.340	0.189	0.194	1.412	1.233	1.025	1.239	1.132	1.098	1.026	0.999	1.248
FR1 n12_Ant 0 TXD	0.271	0.189	0.194	1.343	1.164	0.956	1.170	1.063	1.029	0.957	0.930	1.179
FR1 n12_Ant 0 Sub TXD	0.428	0.189	0.194	1.500	1.321	1.113	1.327	1.220	1.186	1.114	1.087	1.336
FR1 n25_Ant 0 Sub TXD	0.497	0.189	0.194	1.569	1.390	1.182	1.396	1.289	1.255	1.183	1.156	1.405
FR1 n25_Ant 0 TXD	0.389	0.189	0.194	1.461	1.282	1.074	1.288	1.181	1.147	1.075	1.048	1.297
FR1 n38_Ant 0 Sub TXD	0.467	0.189	0.194	1.539	1.360	1.152	1.366	1.259	1.225	1.153	1.126	1.375
FR1 n38_Ant 0 TXD	0.434	0.189	0.194	1.506	1.327	1.119	1.333	1.226	1.192	1.120	1.093	1.342
FR1 n41_Ant 0 Sub TXD	0.411	0.189	0.194	1.483	1.304	1.096	1.310	1.203	1.169	1.097	1.070	1.319
FR1 n41_Ant 0 TXD	0.359	0.189	0.194	1.431	1.252	1.044	1.258	1.151	1.117	1.045	1.018	1.267

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	52.7	1.23	0.03	Not required
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	40.7	0.88	0.02	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	90.2	0.73	0.01	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.80	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	127.4	0.65	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.540	16.6	-52.9	-207.0	92.9	0.73	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	54.0	0.31	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	10.2	0.38	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 120>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub Tx	LTE Band 41_Ant 5 Sub Tx	LTE Band 66_Ant 5 Sub Tx	FRI r25_Ant 5 Sub Tx	FRI r26_Ant 5 Sub Tx	FRI r41_Ant 5 Sub Tx	FRI r46_Ant 5 Sub Tx	FRI r65_Ant 5 Sub Tx	FRI r77_Ant 5 Sub Tx
Back	1g SAR (W/kg)			0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.276	0.525
				0.1795 Summed SAR	0.1795 Summed SAR	0.1795 Summed SAR	0.1795 Summed SAR	0.1795 Summed SAR	0.1795 Summed SAR	0.1795 Summed SAR	0.1795 Summed SAR	0.1795 Summed SAR
GSM900_Ant 0 TX	0.497	0.189	0.243	1.618	1.439	1.231	1.445	1.338	1.304	1.232	1.205	1.454
WCDMA_V_Ant 0 TX	0.370	0.189	0.243	1.491	1.312	1.104	1.318	1.211	1.177	1.105	1.078	1.327
LTE Band 12_Ant 0 TX	0.264	0.189	0.243	1.385	1.206	0.998	1.212	1.105	1.071	0.999	0.972	1.221
LTE Band 13_Ant 0 TX	0.427	0.189	0.243	1.548	1.369	1.161	1.375	1.268	1.234	1.162	1.135	1.384
LTE Band 14_Ant 0 TX	0.427	0.189	0.243	1.548	1.369	1.161	1.375	1.268	1.234	1.162	1.135	1.384
LTE Band 25_Ant 0 Sub TX	0.540	0.189	0.243	1.661	1.482	1.274	1.488	1.381	1.347	1.275	1.248	1.497
LTE Band 26_Ant 0 TX	0.389	0.189	0.243	1.510	1.331	1.123	1.337	1.230	1.196	1.124	1.097	1.346
LTE Band 41_Ant 0 Sub TX	0.506	0.189	0.243	1.627	1.448	1.240	1.454	1.347	1.313	1.241	1.214	1.463
LTE Band 66_Ant 0 Sub TX	0.416	0.189	0.243	1.537	1.358	1.150	1.364	1.257	1.223	1.151	1.124	1.373
LTE Band 77_Ant 0 TX	0.340	0.189	0.243	1.461	1.282	1.074	1.288	1.181	1.147	1.075	1.048	1.297
FRI r12_Ant 0 TX	0.271	0.189	0.243	1.362	1.213	1.005	1.219	1.112	1.078	1.006	0.979	1.228
FRI r14_Ant 0 TX	0.428	0.189	0.243	1.549	1.370	1.162	1.376	1.269	1.235	1.163	1.136	1.385
FRI r25_Ant 0 Sub TX	0.497	0.189	0.243	1.618	1.439	1.231	1.445	1.338	1.304	1.232	1.205	1.454
FRI r26_Ant 0 TX	0.389	0.189	0.243	1.510	1.331	1.123	1.337	1.230	1.196	1.124	1.097	1.346
FRI r41_Ant 0 Sub TX	0.467	0.189	0.243	1.588	1.409	1.201	1.415	1.308	1.274	1.202	1.175	1.424
FRI r46_Ant 0 Sub TX	0.434	0.189	0.243	1.565	1.376	1.168	1.382	1.275	1.241	1.169	1.142	1.391
FRI r65_Ant 0 Sub TX	0.411	0.189	0.243	1.532	1.353	1.145	1.359	1.252	1.218	1.146	1.119	1.368
FRI r77_Ant 0 TX	0.359	0.189	0.243	1.480	1.301	1.093	1.307	1.200	1.166	1.094	1.067	1.316

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	47.1	1.23	0.03	Not required
Max WWAN Ant 0	0.540	17.5	-47.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	92.4	0.93	0.01	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	20.2	0.78	0.03	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
Max WWAN Ant 0	0.540	17.5	-47.0	-207.0	138.0	0.78	0.01	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Max WWAN Ant 0	0.540	17.5	-47.0	-207.0	66.9	0.64	0.01	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.80	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 0	0.540	17.5	-47.0	-207.0	122.0	0.65	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 0	0.540	17.5	-47.0	-207.0	87.0	0.73	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	19.2	0.36	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	57.9	0.21	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	63.7	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	20.9	0.28	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	75.9	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 121>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, 0, 1, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17. Rows include GSM850_Ant 0 THD, WCDMA_V_Ant 0 THD, LTE Band 12_Ant 0 THD, etc.

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows include Max WWAN Ant 5, Max WWAN Ant 0, Bluetooth Ant 3, etc.

<Case 122>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include GSM850_Ant 1 THD, GSM850_Ant 2 THD, GSM850_Ant 3 THD, etc.

Table with columns: Exposure Position, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include GSM850_Ant 1 THD, GSM850_Ant 2 THD, GSM850_Ant 3 THD, etc.



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<Case 123>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns for SAR values and 15 rows of data including frequency and distance.

Table with 28 columns for SAR values and 28 rows of data including frequency and distance.

<Case 124>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns for SAR values and 15 rows of data including frequency and distance.

Table with 28 columns for SAR values and 28 rows of data including frequency and distance.



<Case 125>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Emission Point, W, X, Y, Z, and SAR values for various frequencies (800, 900, 1900, 2100 MHz) and antenna types (L, R).

Table with columns: Emission Point, W, X, Y, Z, and SAR values for various frequencies (800, 900, 1900, 2100 MHz) and antenna types (L, R).

<Case 126>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Emission Point, W, X, Y, Z, and SAR values for various frequencies (800, 900, 1900, 2100 MHz) and antenna types (L, R).

Table with columns: Emission Point, W, X, Y, Z, and SAR values for various frequencies (800, 900, 1900, 2100 MHz) and antenna types (L, R).



<Case 127>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Back, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include: 1.6W Band 1, 2T, 1.6W Band 1, 4T, 1.6W Band 1, 8T, 1.6W Band 1, 16T, 1.6W Band 1, 32T, 1.6W Band 1, 64T, 1.6W Band 1, 128T, 1.6W Band 1, 256T, 1.6W Band 1, 512T, 1.6W Band 1, 1024T, 1.6W Band 1, 2048T, 1.6W Band 1, 4096T.

Table with columns: Exposure Position, Back, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include: 1.6W Band 1, 2T, 1.6W Band 1, 4T, 1.6W Band 1, 8T, 1.6W Band 1, 16T, 1.6W Band 1, 32T, 1.6W Band 1, 64T, 1.6W Band 1, 128T, 1.6W Band 1, 256T, 1.6W Band 1, 512T, 1.6W Band 1, 1024T, 1.6W Band 1, 2048T, 1.6W Band 1, 4096T.

<Case 128>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Back, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include: 1.6W Band 1, 2T, 1.6W Band 1, 4T, 1.6W Band 1, 8T, 1.6W Band 1, 16T, 1.6W Band 1, 32T, 1.6W Band 1, 64T, 1.6W Band 1, 128T, 1.6W Band 1, 256T, 1.6W Band 1, 512T, 1.6W Band 1, 1024T, 1.6W Band 1, 2048T, 1.6W Band 1, 4096T.

Table with columns: Exposure Position, Back, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25. Rows include: 1.6W Band 1, 2T, 1.6W Band 1, 4T, 1.6W Band 1, 8T, 1.6W Band 1, 16T, 1.6W Band 1, 32T, 1.6W Band 1, 64T, 1.6W Band 1, 128T, 1.6W Band 1, 256T, 1.6W Band 1, 512T, 1.6W Band 1, 1024T, 1.6W Band 1, 2048T, 1.6W Band 1, 4096T.



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<Case 129>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Pattern	WAVE BAND	FREQUENCY (MHz)	Pulse Width (μs)	Pulse Repetition Rate (pps)	Modulation	0		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15				
						0.1mW/m²	0.2mW/m²	0.3mW/m²	0.4mW/m²	0.5mW/m²	0.6mW/m²	0.7mW/m²	0.8mW/m²	0.9mW/m²	1.0mW/m²	1.1mW/m²	1.2mW/m²	1.3mW/m²	1.4mW/m²	1.5mW/m²	1.6mW/m²	1.7mW/m²	1.8mW/m²	1.9mW/m²	2.0mW/m²	2.1mW/m²	2.2mW/m²	2.3mW/m²	2.4mW/m²	2.5mW/m²	2.6mW/m²	2.7mW/m²	2.8mW/m²	2.9mW/m²	3.0mW/m²	3.1mW/m²	3.2mW/m²	3.3mW/m²	3.4mW/m²	3.5mW/m²
						SAR (W/kg)																																		
Case 129						0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400				

Exposure Pattern	WAVE BAND	FREQUENCY (MHz)	Pulse Width (μs)	Pulse Repetition Rate (pps)	Modulation	0		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15				
						0.1mW/m²	0.2mW/m²	0.3mW/m²	0.4mW/m²	0.5mW/m²	0.6mW/m²	0.7mW/m²	0.8mW/m²	0.9mW/m²	1.0mW/m²	1.1mW/m²	1.2mW/m²	1.3mW/m²	1.4mW/m²	1.5mW/m²	1.6mW/m²	1.7mW/m²	1.8mW/m²	1.9mW/m²	2.0mW/m²	2.1mW/m²	2.2mW/m²	2.3mW/m²	2.4mW/m²	2.5mW/m²	2.6mW/m²	2.7mW/m²	2.8mW/m²	2.9mW/m²	3.0mW/m²	3.1mW/m²	3.2mW/m²	3.3mW/m²	3.4mW/m²	3.5mW/m²
						SAR (W/kg)																																		
Case 130						0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400			

<Case 130>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Pattern	WAVE BAND	FREQUENCY (MHz)	Pulse Width (μs)	Pulse Repetition Rate (pps)	Modulation	0		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15				
						0.1mW/m²	0.2mW/m²	0.3mW/m²	0.4mW/m²	0.5mW/m²	0.6mW/m²	0.7mW/m²	0.8mW/m²	0.9mW/m²	1.0mW/m²	1.1mW/m²	1.2mW/m²	1.3mW/m²	1.4mW/m²	1.5mW/m²	1.6mW/m²	1.7mW/m²	1.8mW/m²	1.9mW/m²	2.0mW/m²	2.1mW/m²	2.2mW/m²	2.3mW/m²	2.4mW/m²	2.5mW/m²	2.6mW/m²	2.7mW/m²	2.8mW/m²	2.9mW/m²	3.0mW/m²	3.1mW/m²	3.2mW/m²	3.3mW/m²	3.4mW/m²	3.5mW/m²
						SAR (W/kg)																																		
Case 130						0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400			

Exposure Pattern	WAVE BAND	FREQUENCY (MHz)	Pulse Width (μs)	Pulse Repetition Rate (pps)	Modulation	0		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15				
						0.1mW/m²	0.2mW/m²	0.3mW/m²	0.4mW/m²	0.5mW/m²	0.6mW/m²	0.7mW/m²	0.8mW/m²	0.9mW/m²	1.0mW/m²	1.1mW/m²	1.2mW/m²	1.3mW/m²	1.4mW/m²	1.5mW/m²	1.6mW/m²	1.7mW/m²	1.8mW/m²	1.9mW/m²	2.0mW/m²	2.1mW/m²	2.2mW/m²	2.3mW/m²	2.4mW/m²	2.5mW/m²	2.6mW/m²	2.7mW/m²	2.8mW/m²	2.9mW/m²	3.0mW/m²	3.1mW/m²	3.2mW/m²	3.3mW/m²	3.4mW/m²	3.5mW/m²
						SAR (W/kg)																																		
Case 130						0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400			



<Case 131>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Equipment, Position, and SAR values for various body parts and orientations (e.g., SAR Head, SAR Neck, SAR Hand, SAR Leg).

Table with columns: Location, Frequency, and SAR values for various body parts and orientations across different locations.



<Case 132>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.126	0.369	1.651	1.582	1.757
GSM1900_Ant 1 TX1	0.315	0.126	0.369	1.331	1.262	1.437
WCDMA II_Ant 1 TX1	0.549	0.126	0.369	1.565	1.496	1.671
WCDMA IV_Ant 1 TX1	0.372	0.126	0.369	1.388	1.319	1.494
WCDMA V_Ant 1 TX1	0.361	0.126	0.369	1.377	1.308	1.483
LTE Band 7_Ant 1 TX1	0.613	0.126	0.369	1.629	1.560	1.735
LTE Band 12_Ant 1 TX1	0.233	0.126	0.369	1.249	1.180	1.355
LTE Band 13_Ant 1 TX1	0.405	0.126	0.369	1.421	1.352	1.527
LTE Band 14_Ant 1 TX1	0.377	0.126	0.369	1.393	1.324	1.499
LTE Band 25_Ant 1 TX1	0.456	0.126	0.369	1.472	1.403	1.578
LTE Band 26_Ant 1 TX1	0.372	0.126	0.369	1.388	1.319	1.494
LTE Band 30_Ant 1 TX1	0.764	0.126	0.369	1.780	1.711	1.886
LTE Band 41_Ant 1 TX1	0.803	0.126	0.369	1.819	1.750	1.925
LTE Band 48_Ant 1 TX1	0.518	0.126	0.369	1.534	1.465	1.640
LTE Band 66_Ant 1 TX1	0.353	0.126	0.369	1.369	1.300	1.475
FR1 n7_Ant 1 TX1	0.556	0.126	0.369	1.572	1.503	1.678
FR1 n12_Ant 1 TX1	0.204	0.126	0.369	1.220	1.151	1.326
FR1 n14_Ant 1 TX1	0.313	0.126	0.369	1.329	1.260	1.435
FR1 n25_Ant 1 TX1	0.631	0.126	0.369	1.647	1.578	1.753
FR1 n26_Ant 1 TX1	0.392	0.126	0.369	1.408	1.339	1.514
FR1 n30_Ant 1 TX1	0.718	0.126	0.369	1.734	1.665	1.840
FR1 n38_Ant 1 TX1	0.664	0.126	0.369	1.680	1.611	1.786
FR1 n41_Ant 1 TX1	0.686	0.126	0.369	1.702	1.633	1.808
FR1 n48_Ant 1 TX1	0.556	0.126	0.369	1.572	1.503	1.678
FR1 n66_Ant 1 TX1	0.366	0.126	0.369	1.382	1.313	1.488
FR1 n70_Ant 1 TX1	0.271	0.126	0.369	1.287	1.218	1.393
FR1 n71_Ant 1 TX1	0.232	0.126	0.369	1.248	1.179	1.354
FR1 n77_Ant 1 TX1	0.691	0.126	0.369	1.707	1.638	1.813

SAR peak location (mm)			X (axis)	Y (axis)	Z (axis)	0	1	2	9	10	11
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	1g SAR (W/kg)				
							0.521	0.452	0.627		
			Front				0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results		
-20.5	-62.3	-54.5	-55.5	-51.5							
81.5	36.2	-40									
-207	-207	-207									
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.126	0.369	0.03				0.03
-63.2	64.4	-207	GSM1900_Ant 1 TX1	0.315	0.126	0.369					
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.549	0.126	0.369					0.03
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.126	0.369					
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.126	0.369					
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.613	0.126	0.369	0.03				0.03
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.126	0.369					
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.126	0.369					
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.126	0.369					
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.456	0.126	0.369					
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.126	0.369					
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.126	0.369	0.03		0.03		0.03
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.126	0.369	0.03		0.03		0.03
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.518	0.126	0.369					0.03
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.126	0.369					
-62.5	60	-207	FR1 n7_Ant 1 TX1	0.556	0.126	0.369					0.03
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.126	0.369					
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.126	0.369					
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.631	0.126	0.369	0.03				0.03
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.126	0.369					
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.126	0.369	0.03		0.03		0.03
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.664	0.126	0.369	0.03		0.03		0.03
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.686	0.126	0.369	0.03		0.03		0.03
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.556	0.126	0.369					0.03
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.126	0.369					
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.126	0.369					
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.126	0.369					
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.691	0.126	0.369	0.03		0.03		0.03



<Case 133>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.054	0.369	1.579	1.510	1.685
GSM1900_Ant 1 TX1	0.315	0.054	0.369	1.259	1.190	1.365
WCDMA II_Ant 1 TX1	0.549	0.054	0.369	1.493	1.424	1.599
WCDMA IV_Ant 1 TX1	0.372	0.054	0.369	1.316	1.247	1.422
WCDMA V_Ant 1 TX1	0.361	0.054	0.369	1.305	1.236	1.411
LTE Band 7_Ant 1 TX1	0.613	0.054	0.369	1.557	1.488	1.663
LTE Band 12_Ant 1 TX1	0.233	0.054	0.369	1.177	1.108	1.283
LTE Band 13_Ant 1 TX1	0.405	0.054	0.369	1.349	1.280	1.455
LTE Band 14_Ant 1 TX1	0.377	0.054	0.369	1.321	1.252	1.427
LTE Band 25_Ant 1 TX1	0.456	0.054	0.369	1.400	1.331	1.506
LTE Band 26_Ant 1 TX1	0.372	0.054	0.369	1.316	1.247	1.422
LTE Band 30_Ant 1 TX1	0.764	0.054	0.369	1.708	1.639	1.814
LTE Band 41_Ant 1 TX1	0.803	0.054	0.369	1.747	1.678	1.853
LTE Band 48_Ant 1 TX1	0.518	0.054	0.369	1.462	1.393	1.568
LTE Band 66_Ant 1 TX1	0.353	0.054	0.369	1.297	1.228	1.403
FR1 n7_Ant 1 TX1	0.556	0.054	0.369	1.500	1.431	1.606
FR1 n12_Ant 1 TX1	0.204	0.054	0.369	1.148	1.079	1.254
FR1 n14_Ant 1 TX1	0.313	0.054	0.369	1.257	1.188	1.363
FR1 n25_Ant 1 TX1	0.631	0.054	0.369	1.575	1.506	1.681
FR1 n26_Ant 1 TX1	0.392	0.054	0.369	1.336	1.267	1.442
FR1 n30_Ant 1 TX1	0.718	0.054	0.369	1.662	1.593	1.768
FR1 n38_Ant 1 TX1	0.664	0.054	0.369	1.608	1.539	1.714
FR1 n41_Ant 1 TX1	0.686	0.054	0.369	1.630	1.561	1.736
FR1 n48_Ant 1 TX1	0.556	0.054	0.369	1.500	1.431	1.606
FR1 n66_Ant 1 TX1	0.366	0.054	0.369	1.310	1.241	1.416
FR1 n70_Ant 1 TX1	0.271	0.054	0.369	1.215	1.146	1.321
FR1 n71_Ant 1 TX1	0.232	0.054	0.369	1.176	1.107	1.282
FR1 n77_Ant 1 TX1	0.691	0.054	0.369	1.635	1.566	1.741

SAR peak location (mm)			X (axis)		-63.5	-62.3	-54.5	-55.5	-51.5
			Y (axis)		24	36.2	-40	-40	-40
Z (axis)			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	2	9	10	11
X (axis)	Y (axis)	Z (axis)		WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Front	1g SAR (W/kg)			0.521	0.452	0.627
						0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.054	0.369			0.03
-53.2	64.4	-207	GSM1900_Ant 1 TX1	0.315	0.054	0.369			
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.549	0.054	0.369			0.03
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.054	0.369			
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.054	0.369			
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.613	0.054	0.369			0.03
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.054	0.369			
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.054	0.369			
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.054	0.369			
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.456	0.054	0.369			
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.054	0.369			
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.054	0.369	0.03	0.03	0.04
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.054	0.369	0.04	0.03	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.518	0.054	0.369			
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.054	0.369			
-62.5	60	-207	FR1 n7_Ant 1 TX1	0.556	0.054	0.369			0.03
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.054	0.369			
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.054	0.369			
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.631	0.054	0.369			0.03
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.054	0.369			
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.054	0.369	0.03		0.04
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.664	0.054	0.369	0.03		0.03
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.686	0.054	0.369	0.03		0.04
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.556	0.054	0.369			0.03
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.054	0.369			
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.054	0.369			
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.054	0.369			
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.691	0.054	0.369	0.03		0.04



<Case 134>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.194	0.369	1.719	1.650	1.825
GSM1900_Ant 1 TX1	0.315	0.194	0.369	1.399	1.330	1.505
WCDMA II_Ant 1 TX1	0.549	0.194	0.369	1.633	1.564	1.739
WCDMA IV_Ant 1 TX1	0.372	0.194	0.369	1.456	1.387	1.562
WCDMA V_Ant 1 TX1	0.361	0.194	0.369	1.445	1.376	1.551
LTE Band 7_Ant 1 TX1	0.613	0.194	0.369	1.697	1.628	1.803
LTE Band 12_Ant 1 TX1	0.233	0.194	0.369	1.317	1.248	1.423
LTE Band 13_Ant 1 TX1	0.405	0.194	0.369	1.489	1.420	1.595
LTE Band 14_Ant 1 TX1	0.377	0.194	0.369	1.461	1.392	1.567
LTE Band 25_Ant 1 TX1	0.456	0.194	0.369	1.540	1.471	1.646
LTE Band 26_Ant 1 TX1	0.372	0.194	0.369	1.456	1.387	1.562
LTE Band 30_Ant 1 TX1	0.764	0.194	0.369	1.848	1.779	1.954
LTE Band 41_Ant 1 TX1	0.803	0.194	0.369	1.887	1.818	1.993
LTE Band 48_Ant 1 TX1	0.518	0.194	0.369	1.602	1.533	1.708
LTE Band 66_Ant 1 TX1	0.353	0.194	0.369	1.437	1.368	1.543
FR1 n7_Ant 1 TX1	0.556	0.194	0.369	1.640	1.571	1.746
FR1 n12_Ant 1 TX1	0.204	0.194	0.369	1.288	1.219	1.394
FR1 n14_Ant 1 TX1	0.313	0.194	0.369	1.397	1.328	1.503
FR1 n25_Ant 1 TX1	0.631	0.194	0.369	1.715	1.646	1.821
FR1 n26_Ant 1 TX1	0.392	0.194	0.369	1.476	1.407	1.582
FR1 n30_Ant 1 TX1	0.718	0.194	0.369	1.802	1.733	1.908
FR1 n38_Ant 1 TX1	0.664	0.194	0.369	1.748	1.679	1.854
FR1 n41_Ant 1 TX1	0.686	0.194	0.369	1.770	1.701	1.876
FR1 n48_Ant 1 TX1	0.556	0.194	0.369	1.640	1.571	1.746
FR1 n66_Ant 1 TX1	0.366	0.194	0.369	1.450	1.381	1.556
FR1 n70_Ant 1 TX1	0.271	0.194	0.369	1.355	1.286	1.461
FR1 n71_Ant 1 TX1	0.232	0.194	0.369	1.316	1.247	1.422
FR1 n77_Ant 1 TX1	0.691	0.194	0.369	1.775	1.706	1.881

SAR peak location (mm)			X (axis)	Y (axis)	Z (axis)	Exposure Position								
X (axis)	Y (axis)	Z (axis)	0		1		2		9		10		11	
			WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_Ant 6 TX0				
			Front			1g SAR (W/kg)						0.521	0.452	0.627
												0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-64.2	64.9	-207	GSM850_Ant 1 TX1	0.635	0.194	0.369	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
-63.2	64.4	-207	GSM1900_Ant 1 TX1	0.315	0.194	0.369								
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.549	0.194	0.369	0.03						0.03	
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.194	0.369								
-66.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.194	0.369								
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.613	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.03	0.03
-65.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.194	0.369								
-65.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.194	0.369								0.03
-64.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.194	0.369								
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.456	0.194	0.369								0.03
-65.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.194	0.369								
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.194	0.369	0.04		0.03	0.03	0.04	0.04	0.04	0.04
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.194	0.369	0.04		0.03	0.03	0.03	0.03	0.03	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.518	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.03	0.03
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.194	0.369								
-62.5	60	-207	FR1 n7_Ant 1 TX1	0.556	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.03	0.03
-68.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.194	0.369								
-66.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.194	0.369								
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.631	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.03	0.03
-64.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.194	0.369								
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.04	0.04
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.664	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.04	0.04
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.686	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.03	0.04
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.556	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.03	0.03
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.194	0.369								
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.194	0.369								
-69.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.194	0.369								
-62	66.5	-207	FR1 n77_Ant 1 TX1	0.691	0.194	0.369	0.03		0.03	0.03	0.03	0.03	0.03	0.04



<Case 135>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.369	0.225	1.750	1.681	1.856
GSM1900_Ant 1 TX1	0.315	0.369	0.225	1.430	1.361	1.536
WCDMA II_Ant 1 TX1	0.549	0.369	0.225	1.664	1.595	1.770
WCDMA IV_Ant 1 TX1	0.372	0.369	0.225	1.487	1.418	1.593
WCDMA V_Ant 1 TX1	0.361	0.369	0.225	1.476	1.407	1.582
LTE Band 7_Ant 1 TX1	0.613	0.369	0.225	1.728	1.659	1.834
LTE Band 12_Ant 1 TX1	0.233	0.369	0.225	1.348	1.279	1.454
LTE Band 13_Ant 1 TX1	0.405	0.369	0.225	1.520	1.451	1.626
LTE Band 14_Ant 1 TX1	0.377	0.369	0.225	1.492	1.423	1.598
LTE Band 25_Ant 1 TX1	0.456	0.369	0.225	1.571	1.502	1.677
LTE Band 26_Ant 1 TX1	0.372	0.369	0.225	1.487	1.418	1.593
LTE Band 30_Ant 1 TX1	0.764	0.369	0.225	1.879	1.810	1.985
LTE Band 41_Ant 1 TX1	0.803	0.369	0.225	1.918	1.849	2.024
LTE Band 48_Ant 1 TX1	0.518	0.369	0.225	1.633	1.564	1.739
LTE Band 66_Ant 1 TX1	0.353	0.369	0.225	1.468	1.399	1.574
FR1 n7_Ant 1 TX1	0.556	0.369	0.225	1.671	1.602	1.777
FR1 n12_Ant 1 TX1	0.204	0.369	0.225	1.319	1.250	1.425
FR1 n14_Ant 1 TX1	0.313	0.369	0.225	1.428	1.359	1.534
FR1 n25_Ant 1 TX1	0.631	0.369	0.225	1.746	1.677	1.852
FR1 n26_Ant 1 TX1	0.392	0.369	0.225	1.507	1.438	1.613
FR1 n30_Ant 1 TX1	0.718	0.369	0.225	1.833	1.764	1.939
FR1 n38_Ant 1 TX1	0.664	0.369	0.225	1.779	1.710	1.885
FR1 n41_Ant 1 TX1	0.686	0.369	0.225	1.801	1.732	1.907
FR1 n48_Ant 1 TX1	0.556	0.369	0.225	1.671	1.602	1.777
FR1 n66_Ant 1 TX1	0.366	0.369	0.225	1.481	1.412	1.587
FR1 n70_Ant 1 TX1	0.271	0.369	0.225	1.386	1.317	1.492
FR1 n71_Ant 1 TX1	0.232	0.369	0.225	1.347	1.278	1.453
FR1 n77_Ant 1 TX1	0.691	0.369	0.225	1.806	1.737	1.912

SAR peak location (mm)			X (axis)		-62.3	-18.5	-54.5	-55.5	-51.5
			Y (axis)		36.2	82	-40	-40	-40
Z (axis)			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	7	9	10	11
X (axis)	Y (axis)	Z (axis)		WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front			1g SAR (W/kg)				0.521	0.452	0.627
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.369	0.225	0.03	0.03	0.03
-53.2	64.4	-207	GSM1900_Ant 1 TX1	0.315	0.369	0.225			
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.549	0.369	0.225	0.03	0.03	0.03
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.369	0.225			
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.369	0.225			
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.613	0.369	0.225	0.03	0.03	0.03
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.369	0.225			
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.369	0.225			0.03
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.369	0.225			0.03
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.456	0.369	0.225			0.03
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.369	0.225			
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.369	0.225	0.03	0.03	0.04
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.369	0.225	0.03	0.03	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.518	0.369	0.225	0.03		0.03
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.369	0.225			
-62.5	60	-207	FR1 n7_Ant 1 TX1	0.556	0.369	0.225	0.03	0.03	0.03
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.369	0.225			
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.369	0.225			
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.631	0.369	0.225	0.03	0.03	0.03
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.369	0.225			0.03
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.369	0.225	0.03	0.03	0.04
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.664	0.369	0.225	0.03	0.03	0.03
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.686	0.369	0.225	0.03	0.03	0.03
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.556	0.369	0.225	0.03	0.03	0.03
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.369	0.225			
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.369	0.225			
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.369	0.225			
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.691	0.369	0.225	0.03	0.03	0.03



<Case 136>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.369	0.244	1.769	1.700	1.875
GSM1900_Ant 1 TX1	0.315	0.369	0.244	1.449	1.380	1.555
WCDMA II_Ant 1 TX1	0.549	0.369	0.244	1.683	1.614	1.789
WCDMA IV_Ant 1 TX1	0.372	0.369	0.244	1.506	1.437	1.612
WCDMA V_Ant 1 TX1	0.361	0.369	0.244	1.495	1.426	1.601
LTE Band 7_Ant 1 TX1	0.613	0.369	0.244	1.747	1.678	1.853
LTE Band 12_Ant 1 TX1	0.233	0.369	0.244	1.367	1.298	1.473
LTE Band 13_Ant 1 TX1	0.405	0.369	0.244	1.539	1.470	1.645
LTE Band 14_Ant 1 TX1	0.377	0.369	0.244	1.511	1.442	1.617
LTE Band 25_Ant 1 TX1	0.456	0.369	0.244	1.590	1.521	1.696
LTE Band 26_Ant 1 TX1	0.372	0.369	0.244	1.506	1.437	1.612
LTE Band 30_Ant 1 TX1	0.764	0.369	0.244	1.898	1.829	2.004
LTE Band 41_Ant 1 TX1	0.803	0.369	0.244	1.937	1.868	2.043
LTE Band 48_Ant 1 TX1	0.518	0.369	0.244	1.652	1.583	1.758
LTE Band 66_Ant 1 TX1	0.353	0.369	0.244	1.487	1.418	1.593
FR1 n7_Ant 1 TX1	0.556	0.369	0.244	1.690	1.621	1.796
FR1 n12_Ant 1 TX1	0.204	0.369	0.244	1.338	1.269	1.444
FR1 n14_Ant 1 TX1	0.313	0.369	0.244	1.447	1.378	1.553
FR1 n25_Ant 1 TX1	0.631	0.369	0.244	1.765	1.696	1.871
FR1 n26_Ant 1 TX1	0.392	0.369	0.244	1.526	1.457	1.632
FR1 n30_Ant 1 TX1	0.718	0.369	0.244	1.852	1.783	1.958
FR1 n38_Ant 1 TX1	0.664	0.369	0.244	1.798	1.729	1.904
FR1 n41_Ant 1 TX1	0.686	0.369	0.244	1.820	1.751	1.926
FR1 n48_Ant 1 TX1	0.556	0.369	0.244	1.690	1.621	1.796
FR1 n66_Ant 1 TX1	0.366	0.369	0.244	1.500	1.431	1.606
FR1 n70_Ant 1 TX1	0.271	0.369	0.244	1.405	1.336	1.511
FR1 n71_Ant 1 TX1	0.232	0.369	0.244	1.366	1.297	1.472
FR1 n77_Ant 1 TX1	0.691	0.369	0.244	1.825	1.756	1.931

SAR peak location (mm)			X (axis)		-62.3	-63.5	-54.5	-55.5	-51.5
			Y (axis)		36.2	26	-40	-40	-40
Z (axis)			0		-207	-207	-207	-207	-207
			Exposure Position		0	1	7	9	10
X (axis)	Y (axis)	Z (axis)	Front	1g SAR (W/kg)			0.521	0.452	0.627
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.369	0.244	0.04	0.03	0.04
-53.2	64.4	-207	GSM1900_Ant 1 TX1	0.315	0.369	0.244			
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.549	0.369	0.244	0.03	0.03	0.04
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.369	0.244			0.03
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.369	0.244			0.03
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.613	0.369	0.244	0.03	0.03	0.04
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.369	0.244			
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.369	0.244			0.03
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.369	0.244			0.03
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.456	0.369	0.244			0.03
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.369	0.244			0.03
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.369	0.244	0.04	0.04	0.04
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.369	0.244	0.04	0.04	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.518	0.369	0.244	0.03		0.03
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.369	0.244			
-62.5	60	-207	FR1 n7_Ant 1 TX1	0.556	0.369	0.244	0.03	0.03	0.04
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.369	0.244			
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.369	0.244			
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.631	0.369	0.244	0.04	0.03	0.04
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.369	0.244			0.03
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.369	0.244	0.04	0.04	0.04
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.664	0.369	0.244	0.04	0.03	0.04
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.686	0.369	0.244	0.04	0.03	0.04
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.556	0.369	0.244	0.03	0.03	0.04
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.369	0.244			0.03
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.369	0.244			
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.369	0.244			
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.691	0.369	0.244	0.04	0.04	0.04



<Case 137>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.369	0.242	1.767	1.698	1.873
GSM1900_Ant 1 TX1	0.315	0.369	0.242	1.447	1.378	1.553
WCDMA II_Ant 1 TX1	0.549	0.369	0.242	1.681	1.612	1.787
WCDMA IV_Ant 1 TX1	0.372	0.369	0.242	1.504	1.435	1.610
WCDMA V_Ant 1 TX1	0.361	0.369	0.242	1.493	1.424	1.599
LTE Band 7_Ant 1 TX1	0.613	0.369	0.242	1.745	1.676	1.851
LTE Band 12_Ant 1 TX1	0.233	0.369	0.242	1.365	1.296	1.471
LTE Band 13_Ant 1 TX1	0.405	0.369	0.242	1.537	1.468	1.643
LTE Band 14_Ant 1 TX1	0.377	0.369	0.242	1.509	1.440	1.615
LTE Band 25_Ant 1 TX1	0.456	0.369	0.242	1.588	1.519	1.694
LTE Band 26_Ant 1 TX1	0.372	0.369	0.242	1.504	1.435	1.610
LTE Band 30_Ant 1 TX1	0.764	0.369	0.242	1.896	1.827	2.002
LTE Band 41_Ant 1 TX1	0.803	0.369	0.242	1.935	1.866	2.041
LTE Band 48_Ant 1 TX1	0.518	0.369	0.242	1.650	1.581	1.756
LTE Band 66_Ant 1 TX1	0.353	0.369	0.242	1.485	1.416	1.591
FR1 n7_Ant 1 TX1	0.556	0.369	0.242	1.688	1.619	1.794
FR1 n12_Ant 1 TX1	0.204	0.369	0.242	1.336	1.267	1.442
FR1 n14_Ant 1 TX1	0.313	0.369	0.242	1.445	1.376	1.551
FR1 n25_Ant 1 TX1	0.631	0.369	0.242	1.763	1.694	1.869
FR1 n26_Ant 1 TX1	0.392	0.369	0.242	1.524	1.455	1.630
FR1 n30_Ant 1 TX1	0.718	0.369	0.242	1.850	1.781	1.956
FR1 n38_Ant 1 TX1	0.664	0.369	0.242	1.796	1.727	1.902
FR1 n41_Ant 1 TX1	0.686	0.369	0.242	1.818	1.749	1.924
FR1 n48_Ant 1 TX1	0.556	0.369	0.242	1.688	1.619	1.794
FR1 n66_Ant 1 TX1	0.366	0.369	0.242	1.498	1.429	1.604
FR1 n70_Ant 1 TX1	0.271	0.369	0.242	1.403	1.334	1.509
FR1 n71_Ant 1 TX1	0.232	0.369	0.242	1.364	1.295	1.470
FR1 n77_Ant 1 TX1	0.691	0.369	0.242	1.823	1.754	1.929

SAR peak location (mm)			X (axis)	Y (axis)	Z (axis)	0	1	7	9	10	11
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0		
			Front	1g SAR (W/kg)			0.521	0.452	0.627		
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results			
-62.5											
36.2											
-207											
-56.4	64.9	-207	GSM850_Ant 1 TX1	0.635	0.369	0.242	0.04	0.03	0.04		
-63.2	64.4	-207	GSM1900_Ant 1 TX1	0.315	0.369	0.242					
-64.2	66.8	-207	WCDMA II_Ant 1 TX1	0.549	0.369	0.242	0.03	0.03	0.04		
-61.9	75.3	-207	WCDMA IV_Ant 1 TX1	0.372	0.369	0.242			0.03		
-56.1	62.8	-207	WCDMA V_Ant 1 TX1	0.361	0.369	0.242			0.03		
-63.5	63	-207	LTE Band 7_Ant 1 TX1	0.613	0.369	0.242	0.04	0.03	0.04		
-55.3	58.3	-207	LTE Band 12_Ant 1 TX1	0.233	0.369	0.242					
-55.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.405	0.369	0.242			0.03		
-54.1	58.6	-207	LTE Band 14_Ant 1 TX1	0.377	0.369	0.242			0.03		
-65.7	68.2	-207	LTE Band 25_Ant 1 TX1	0.456	0.369	0.242			0.03		
-55.6	61.6	-207	LTE Band 26_Ant 1 TX1	0.372	0.369	0.242			0.03		
-64.5	69	-207	LTE Band 30_Ant 1 TX1	0.764	0.369	0.242	0.04	0.04	0.04		
-60.5	62	-207	LTE Band 41_Ant 1 TX1	0.803	0.369	0.242	0.04	0.04	0.04		
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.518	0.369	0.242	0.03	0.03	0.04		
-65.4	74.2	-207	LTE Band 66_Ant 1 TX1	0.353	0.369	0.242					
-62.5	60	-207	FR1 n7_Ant 1 TX1	0.556	0.369	0.242	0.03	0.03	0.04		
-58.4	57.9	-207	FR1 n12_Ant 1 TX1	0.204	0.369	0.242					
-56.1	57.1	-207	FR1 n14_Ant 1 TX1	0.313	0.369	0.242					
-65.4	66.8	-207	FR1 n25_Ant 1 TX1	0.631	0.369	0.242	0.04	0.03	0.04		
-54.9	63.1	-207	FR1 n26_Ant 1 TX1	0.392	0.369	0.242			0.03		
-64.5	68	-207	FR1 n30_Ant 1 TX1	0.718	0.369	0.242	0.04	0.04	0.04		
-60.5	61	-207	FR1 n38_Ant 1 TX1	0.664	0.369	0.242	0.04	0.04	0.04		
-61.5	61	-207	FR1 n41_Ant 1 TX1	0.686	0.369	0.242	0.04	0.04	0.04		
-64.5	52	-207	FR1 n48_Ant 1 TX1	0.556	0.369	0.242	0.03	0.03	0.04		
-64.7	72	-207	FR1 n66_Ant 1 TX1	0.366	0.369	0.242			0.03		
-65.3	70.8	-207	FR1 n70_Ant 1 TX1	0.271	0.369	0.242					
-59.9	61.8	-207	FR1 n71_Ant 1 TX1	0.232	0.369	0.242					
-62	56.5	-207	FR1 n77_Ant 1 TX1	0.691	0.369	0.242	0.04	0.04	0.04		



<Case 138>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.189	0.201	1.389	1.341	1.459
GSM1900_Ant 1 TX1	0.375	0.189	0.201	1.265	1.217	1.335
WCDMA II_Ant 1 TX1	0.327	0.189	0.201	1.217	1.169	1.287
WCDMA IV_Ant 1 TX1	0.285	0.189	0.201	1.175	1.127	1.245
WCDMA V_Ant 1 TX1	0.231	0.189	0.201	1.121	1.073	1.191
LTE Band 7_Ant 1 TX1	0.606	0.189	0.201	1.496	1.448	1.566
LTE Band 12_Ant 1 TX1	0.157	0.189	0.201	1.047	0.999	1.117
LTE Band 13_Ant 1 TX1	0.261	0.189	0.201	1.151	1.103	1.221
LTE Band 14_Ant 1 TX1	0.253	0.189	0.201	1.143	1.095	1.213
LTE Band 25_Ant 1 TX1	0.513	0.189	0.201	1.403	1.355	1.473
LTE Band 26_Ant 1 TX1	0.262	0.189	0.201	1.152	1.104	1.222
LTE Band 30_Ant 1 TX1	0.629	0.189	0.201	1.519	1.471	1.589
LTE Band 41_Ant 1 TX1	0.471	0.189	0.201	1.361	1.313	1.431
LTE Band 48_Ant 1 TX1	0.364	0.189	0.201	1.254	1.206	1.324
LTE Band 66_Ant 1 TX1	0.294	0.189	0.201	1.184	1.136	1.254
FR1 n7_Ant 1 TX1	0.504	0.189	0.201	1.394	1.346	1.464
FR1 n12_Ant 1 TX1	0.166	0.189	0.201	1.056	1.008	1.126
FR1 n14_Ant 1 TX1	0.280	0.189	0.201	1.170	1.122	1.240
FR1 n25_Ant 1 TX1	0.613	0.189	0.201	1.503	1.455	1.573
FR1 n26_Ant 1 TX1	0.234	0.189	0.201	1.124	1.076	1.194
FR1 n30_Ant 1 TX1	0.635	0.189	0.201	1.525	1.477	1.595
FR1 n38_Ant 1 TX1	0.512	0.189	0.201	1.402	1.354	1.472
FR1 n41_Ant 1 TX1	0.640	0.189	0.201	1.530	1.482	1.600
FR1 n48_Ant 1 TX1	0.425	0.189	0.201	1.315	1.267	1.385
FR1 n66_Ant 1 TX1	0.328	0.189	0.201	1.218	1.170	1.288
FR1 n70_Ant 1 TX1	0.229	0.189	0.201	1.119	1.071	1.189
FR1 n71_Ant 1 TX1	0.206	0.189	0.201	1.096	1.048	1.166
FR1 n77_Ant 1 TX1	0.477	0.189	0.201	1.367	1.319	1.437

SAR peak location (mm)			X (axis)		14.7	-29.5	0.5	-0.5	1
			Y (axis)		40	82	-58	-55	-57
Z (axis)			Z (axis)		-207	-207	-207	-207	-207
			Exposure Position	0	1	7	9	10	11
X (axis)	Y (axis)	Z (axis)		WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.189	0.201			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.375	0.189	0.201			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.327	0.189	0.201			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.189	0.201			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.189	0.201			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.606	0.189	0.201			
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.189	0.201			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.189	0.201			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.189	0.201			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.513	0.189	0.201			
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.189	0.201			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.189	0.201			
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.189	0.201			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.364	0.189	0.201			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.189	0.201			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.504	0.189	0.201			
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.189	0.201			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.189	0.201			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.613	0.189	0.201			
4.3	62.6	-207	FR1 n26_Ant 1 TX1	0.234	0.189	0.201			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.189	0.201			0.02
13.5	59	-207	FR1 n38_Ant 1 TX1	0.512	0.189	0.201			
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.640	0.189	0.201			0.02
17	50.5	-207	FR1 n48_Ant 1 TX1	0.425	0.189	0.201			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.189	0.201			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.189	0.201			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.189	0.201			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.477	0.189	0.201			



<Case 139>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.499	0.189	0.243	1.431	1.383	1.501
GSM1900_Ant 1 TX1	0.375	0.189	0.243	1.307	1.259	1.377
WCDMA II_Ant 1 TX1	0.327	0.189	0.243	1.259	1.211	1.329
WCDMA IV_Ant 1 TX1	0.285	0.189	0.243	1.217	1.169	1.287
WCDMA V_Ant 1 TX1	0.231	0.189	0.243	1.163	1.115	1.233
LTE Band 7_Ant 1 TX1	0.606	0.189	0.243	1.538	1.490	1.608
LTE Band 12_Ant 1 TX1	0.157	0.189	0.243	1.089	1.041	1.159
LTE Band 13_Ant 1 TX1	0.261	0.189	0.243	1.193	1.145	1.263
LTE Band 14_Ant 1 TX1	0.253	0.189	0.243	1.185	1.137	1.255
LTE Band 25_Ant 1 TX1	0.513	0.189	0.243	1.445	1.397	1.515
LTE Band 26_Ant 1 TX1	0.262	0.189	0.243	1.194	1.146	1.264
LTE Band 30_Ant 1 TX1	0.629	0.189	0.243	1.561	1.513	1.631
LTE Band 41_Ant 1 TX1	0.471	0.189	0.243	1.403	1.355	1.473
LTE Band 48_Ant 1 TX1	0.364	0.189	0.243	1.296	1.248	1.366
LTE Band 66_Ant 1 TX1	0.294	0.189	0.243	1.226	1.178	1.296
FR1 n7_Ant 1 TX1	0.504	0.189	0.243	1.436	1.388	1.506
FR1 n12_Ant 1 TX1	0.166	0.189	0.243	1.098	1.050	1.168
FR1 n14_Ant 1 TX1	0.280	0.189	0.243	1.212	1.164	1.282
FR1 n25_Ant 1 TX1	0.613	0.189	0.243	1.545	1.497	1.615
FR1 n26_Ant 1 TX1	0.234	0.189	0.243	1.166	1.118	1.236
FR1 n30_Ant 1 TX1	0.635	0.189	0.243	1.567	1.519	1.637
FR1 n38_Ant 1 TX1	0.512	0.189	0.243	1.444	1.396	1.514
FR1 n41_Ant 1 TX1	0.640	0.189	0.243	1.572	1.524	1.642
FR1 n48_Ant 1 TX1	0.425	0.189	0.243	1.357	1.309	1.427
FR1 n66_Ant 1 TX1	0.328	0.189	0.243	1.260	1.212	1.330
FR1 n70_Ant 1 TX1	0.229	0.189	0.243	1.161	1.113	1.231
FR1 n71_Ant 1 TX1	0.206	0.189	0.243	1.138	1.090	1.208
FR1 n77_Ant 1 TX1	0.477	0.189	0.243	1.409	1.361	1.479

SAR peak location (mm)			X (axis)		14.7	10.5	0.5	-0.5	1
			Y (axis)		40	19.5	-58	-55	-57
Z (axis)			0		-207	-207	-207	-207	-207
			Exposure Position		0	1	7	9	10
X (axis)	Y (axis)	Z (axis)	Back	1g SAR (W/kg)			0.5	0.452	0.57
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	
3.4	61.6	-207	GSM850_Ant 1 TX1	0.499	0.189	0.243			
16.5	65.6	-207	GSM1900_Ant 1 TX1	0.375	0.189	0.243			
18.1	64.3	-207	WCDMA II_Ant 1 TX1	0.327	0.189	0.243			
18.2	71.4	-207	WCDMA IV_Ant 1 TX1	0.285	0.189	0.243			
3.7	58.3	-207	WCDMA V_Ant 1 TX1	0.231	0.189	0.243			
14.5	63	-207	LTE Band 7_Ant 1 TX1	0.606	0.189	0.243			0.03
8.5	59.8	-207	LTE Band 12_Ant 1 TX1	0.157	0.189	0.243			
7.3	58.6	-207	LTE Band 13_Ant 1 TX1	0.261	0.189	0.243			
7.3	59.8	-207	LTE Band 14_Ant 1 TX1	0.253	0.189	0.243			
15.7	66.7	-207	LTE Band 25_Ant 1 TX1	0.513	0.189	0.243			
4.6	61.9	-207	LTE Band 26_Ant 1 TX1	0.262	0.189	0.243			
17.5	71	-207	LTE Band 30_Ant 1 TX1	0.629	0.189	0.243			0.03
12.5	60	-207	LTE Band 41_Ant 1 TX1	0.471	0.189	0.243			
17.5	52	-207	LTE Band 48_Ant 1 TX1	0.364	0.189	0.243			
16.6	71.8	-207	LTE Band 66_Ant 1 TX1	0.294	0.189	0.243			
14.5	64	-207	FR1 n7_Ant 1 TX1	0.504	0.189	0.243			
9.5	59.8	-207	FR1 n12_Ant 1 TX1	0.166	0.189	0.243			
10.8	58	-207	FR1 n14_Ant 1 TX1	0.280	0.189	0.243			
17.1	66.6	-207	FR1 n25_Ant 1 TX1	0.613	0.189	0.243			0.03
4.3	62.8	-207	FR1 n26_Ant 1 TX1	0.234	0.189	0.243			
15	71.5	-207	FR1 n30_Ant 1 TX1	0.635	0.189	0.243			0.03
13.5	59	-207	FR1 n38_Ant 1 TX1	0.512	0.189	0.243			
17.5	58.5	-207	FR1 n41_Ant 1 TX1	0.640	0.189	0.243			0.03
17	50.5	-207	FR1 n48_Ant 1 TX1	0.425	0.189	0.243			
15.4	73.1	-207	FR1 n66_Ant 1 TX1	0.328	0.189	0.243			
14.9	75.8	-207	FR1 n70_Ant 1 TX1	0.229	0.189	0.243			
9.8	64.3	-207	FR1 n71_Ant 1 TX1	0.206	0.189	0.243			
18	52.5	-207	FR1 n77_Ant 1 TX1	0.477	0.189	0.243			



<Case 140>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.288	0.262	0.503
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.273	0.001	0.286	0.848	0.822	1.063
GSM1900_Ant 1 TX1	0.486	0.001	0.286	1.061	1.035	1.276
WCDMA II_Ant 1 TX1	0.685	0.001	0.286	1.260	1.234	1.475
WCDMA IV_Ant 1 TX1	0.338	0.001	0.286	0.913	0.887	1.128
WCDMA V_Ant 1 TX1	0.096	0.001	0.286	0.671	0.645	0.886
LTE Band 7_Ant 1 TX1	0.766	0.001	0.286	1.341	1.315	1.556
LTE Band 12_Ant 1 TX1	0.117	0.001	0.286	0.692	0.666	0.907
LTE Band 13_Ant 1 TX1	0.182	0.001	0.286	0.757	0.731	0.972
LTE Band 14_Ant 1 TX1	0.157	0.001	0.286	0.732	0.706	0.947
LTE Band 25_Ant 1 TX1	0.610	0.001	0.286	1.185	1.159	1.400
LTE Band 26_Ant 1 TX1	0.135	0.001	0.286	0.710	0.684	0.925
LTE Band 30_Ant 1 TX1	0.744	0.001	0.286	1.319	1.293	1.534
LTE Band 41_Ant 1 TX1	0.700	0.001	0.286	1.275	1.249	1.490
LTE Band 48_Ant 1 TX1	0.839	0.001	0.286	1.414	1.388	1.629
LTE Band 66_Ant 1 TX1	0.321	0.001	0.286	0.896	0.870	1.111
FR1 n7_Ant 1 TX1	0.734	0.001	0.286	1.309	1.283	1.524
FR1 n12_Ant 1 TX1	0.140	0.001	0.286	0.715	0.689	0.930
FR1 n14_Ant 1 TX1	0.155	0.001	0.286	0.730	0.704	0.945
FR1 n25_Ant 1 TX1	0.830	0.001	0.286	1.405	1.379	1.620
FR1 n26_Ant 1 TX1	0.121	0.001	0.286	0.696	0.670	0.911
FR1 n30_Ant 1 TX1	0.705	0.001	0.286	1.280	1.254	1.495
FR1 n38_Ant 1 TX1	0.752	0.001	0.286	1.327	1.301	1.542
FR1 n41_Ant 1 TX1	0.820	0.001	0.286	1.395	1.369	1.610
FR1 n48_Ant 1 TX1	0.738	0.001	0.286	1.313	1.287	1.528
FR1 n66_Ant 1 TX1	0.365	0.001	0.286	0.940	0.914	1.155
FR1 n70_Ant 1 TX1	0.228	0.001	0.286	0.803	0.777	1.018
FR1 n71_Ant 1 TX1	0.207	0.001	0.286	0.782	0.756	0.997
FR1 n77_Ant 1 TX1	0.749	0.001	0.286	1.324	1.298	1.539

SAR peak location (mm)			X (axis)	0	1	2	9	10	11
X (axis)	Y (axis)	Z (axis)	Y (axis)	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Z (axis)	1g SAR (W/kg)			0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-26.8	-35.3	-208.9	-207	GSM850_Ant 1 TX1	0.273	0.001	0.286		
-26.8	-53.2	-207	-207	GSM1900_Ant 1 TX1	0.486	0.001	0.286		
-21.7	-54.4	-207	-207	WCDMA II_Ant 1 TX1	0.685	0.001	0.286		
-23.4	-59.1	-207	-207	WCDMA IV_Ant 1 TX1	0.338	0.001	0.286		
-21.7	-38.5	-207	-207	WCDMA V_Ant 1 TX1	0.096	0.001	0.286		
-23	-51.5	-207	-207	LTE Band 7_Ant 1 TX1	0.766	0.001	0.286		
-24.4	-34.8	-208.8	-207	LTE Band 12_Ant 1 TX1	0.117	0.001	0.286		
-23.2	-43.5	-207	-207	LTE Band 13_Ant 1 TX1	0.182	0.001	0.286		
-23.2	-43.5	-207	-207	LTE Band 14_Ant 1 TX1	0.157	0.001	0.286		
-21.9	-53.6	-207	-207	LTE Band 25_Ant 1 TX1	0.610	0.001	0.286		
-23.2	-36.3	-207	-207	LTE Band 26_Ant 1 TX1	0.135	0.001	0.286		
-24	-56.5	-207	-207	LTE Band 30_Ant 1 TX1	0.744	0.001	0.286		
-23	-46	-207	-207	LTE Band 41_Ant 1 TX1	0.700	0.001	0.286		
-25	-46	-207	-207	LTE Band 48_Ant 1 TX1	0.839	0.001	0.286		0.02
-21.9	-57.6	-207	-207	LTE Band 66_Ant 1 TX1	0.321	0.001	0.286		
-28	-51	-207	-207	FR1 n7_Ant 1 TX1	0.734	0.001	0.286		
-22.9	-33.5	-208.8	-207	FR1 n12_Ant 1 TX1	0.140	0.001	0.286		
-24.1	-33.5	-208.8	-207	FR1 n14_Ant 1 TX1	0.155	0.001	0.286		
-28.3	-53.1	-207	-207	FR1 n25_Ant 1 TX1	0.830	0.001	0.286		0.02
-23.2	-35	-207	-207	FR1 n26_Ant 1 TX1	0.121	0.001	0.286		
-28	-55	-207	-207	FR1 n30_Ant 1 TX1	0.705	0.001	0.286		
-24	-50	-207	-207	FR1 n38_Ant 1 TX1	0.752	0.001	0.286		
-24	-48	-207	-207	FR1 n41_Ant 1 TX1	0.820	0.001	0.286		0.02
-22.5	-44	-207	-207	FR1 n48_Ant 1 TX1	0.738	0.001	0.286		
-24.4	-55.7	-207	-207	FR1 n66_Ant 1 TX1	0.365	0.001	0.286		
-23.2	-59.2	-207	-207	FR1 n70_Ant 1 TX1	0.228	0.001	0.286		
-23.2	-39.8	-207	-207	FR1 n71_Ant 1 TX1	0.207	0.001	0.286		
-25	-45	-207	-207	FR1 n77_Ant 1 TX1	0.749	0.001	0.286		



<Case 141>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.288	0.262	0.503
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.273	0.054	0.286	0.901	0.875	1.116
GSM1900_Ant 1 TX1	0.486	0.054	0.286	1.114	1.088	1.329
WCDMA II_Ant 1 TX1	0.685	0.054	0.286	1.313	1.287	1.528
WCDMA IV_Ant 1 TX1	0.338	0.054	0.286	0.966	0.940	1.181
WCDMA V_Ant 1 TX1	0.096	0.054	0.286	0.724	0.698	0.939
LTE Band 7_Ant 1 TX1	0.766	0.054	0.286	1.394	1.368	1.609
LTE Band 12_Ant 1 TX1	0.117	0.054	0.286	0.745	0.719	0.960
LTE Band 13_Ant 1 TX1	0.182	0.054	0.286	0.810	0.784	1.025
LTE Band 14_Ant 1 TX1	0.157	0.054	0.286	0.785	0.759	1.000
LTE Band 25_Ant 1 TX1	0.610	0.054	0.286	1.238	1.212	1.453
LTE Band 26_Ant 1 TX1	0.135	0.054	0.286	0.763	0.737	0.978
LTE Band 30_Ant 1 TX1	0.744	0.054	0.286	1.372	1.346	1.587
LTE Band 41_Ant 1 TX1	0.700	0.054	0.286	1.328	1.302	1.543
LTE Band 48_Ant 1 TX1	0.839	0.054	0.286	1.467	1.441	1.682
LTE Band 66_Ant 1 TX1	0.321	0.054	0.286	0.949	0.923	1.164
FR1 n7_Ant 1 TX1	0.734	0.054	0.286	1.362	1.336	1.577
FR1 n12_Ant 1 TX1	0.140	0.054	0.286	0.768	0.742	0.983
FR1 n14_Ant 1 TX1	0.155	0.054	0.286	0.783	0.757	0.998
FR1 n25_Ant 1 TX1	0.830	0.054	0.286	1.458	1.432	1.673
FR1 n26_Ant 1 TX1	0.121	0.054	0.286	0.749	0.723	0.964
FR1 n30_Ant 1 TX1	0.705	0.054	0.286	1.333	1.307	1.548
FR1 n38_Ant 1 TX1	0.752	0.054	0.286	1.380	1.354	1.595
FR1 n41_Ant 1 TX1	0.820	0.054	0.286	1.448	1.422	1.663
FR1 n48_Ant 1 TX1	0.738	0.054	0.286	1.366	1.340	1.581
FR1 n66_Ant 1 TX1	0.365	0.054	0.286	0.993	0.967	1.208
FR1 n70_Ant 1 TX1	0.228	0.054	0.286	0.856	0.830	1.071
FR1 n71_Ant 1 TX1	0.207	0.054	0.286	0.835	0.809	1.050
FR1 n77_Ant 1 TX1	0.749	0.054	0.286	1.377	1.351	1.592

SAR peak location (mm)			X (axis)	Y (axis)	Z (axis)	0	1	2	9	10	11
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11		
			Right Edge	1g SAR (W/kg)			0.288	0.262	0.503		
				0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results					
-26.8	-35.3	-208.9	GSM850_Ant 1 TX1	0.273	0.054	0.286					
-26.8	-53.2	-207	GSM1900_Ant 1 TX1	0.486	0.054	0.286					
-21.7	-54.4	-207	WCDMA II_Ant 1 TX1	0.685	0.054	0.286					
-23.4	-59.1	-207	WCDMA IV_Ant 1 TX1	0.338	0.054	0.286					
-21.7	-38.5	-207	WCDMA V_Ant 1 TX1	0.096	0.054	0.286					
-23	-51.5	-207	LTE Band 7_Ant 1 TX1	0.766	0.054	0.286					0.03
-24.4	-34.8	-208.8	LTE Band 12_Ant 1 TX1	0.117	0.054	0.286					
-23.2	-43.5	-207	LTE Band 13_Ant 1 TX1	0.182	0.054	0.286					
-23.2	-43.5	-207	LTE Band 14_Ant 1 TX1	0.157	0.054	0.286					
-21.9	-53.6	-207	LTE Band 25_Ant 1 TX1	0.610	0.054	0.286					
-23.2	-36.3	-207	LTE Band 26_Ant 1 TX1	0.135	0.054	0.286					
-24	-56.5	-207	LTE Band 30_Ant 1 TX1	0.744	0.054	0.286					
-23	-46	-207	LTE Band 41_Ant 1 TX1	0.700	0.054	0.286					
-25	-46	-207	LTE Band 48_Ant 1 TX1	0.839	0.054	0.286					0.03
-21.9	-57.6	-207	LTE Band 66_Ant 1 TX1	0.321	0.054	0.286					
-28	-51	-207	FR1 n7_Ant 1 TX1	0.734	0.054	0.286					
-22.9	-33.5	-208.8	FR1 n12_Ant 1 TX1	0.140	0.054	0.286					
-24.1	-33.5	-208.8	FR1 n14_Ant 1 TX1	0.155	0.054	0.286					
-28.3	-53.1	-207	FR1 n25_Ant 1 TX1	0.830	0.054	0.286					0.03
-23.2	-35	-207	FR1 n26_Ant 1 TX1	0.121	0.054	0.286					
-28	-55	-207	FR1 n30_Ant 1 TX1	0.705	0.054	0.286					
-24	-50	-207	FR1 n38_Ant 1 TX1	0.752	0.054	0.286					0.03
-24	-48	-207	FR1 n41_Ant 1 TX1	0.820	0.054	0.286					0.03
-22.5	-44	-207	FR1 n48_Ant 1 TX1	0.738	0.054	0.286					
-24.4	-55.7	-207	FR1 n66_Ant 1 TX1	0.365	0.054	0.286					
-23.2	-59.2	-207	FR1 n70_Ant 1 TX1	0.228	0.054	0.286					
-23.2	-38.8	-207	FR1 n71_Ant 1 TX1	0.207	0.054	0.286					
-25	-45	-207	FR1 n77_Ant 1 TX1	0.749	0.054	0.286					



<Case 142>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.288	0.262	0.503
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.273	0.120	0.286	0.967	0.941	1.182
GSM1900_Ant 1 TX1	0.486	0.120	0.286	1.180	1.154	1.395
WCDMA II_Ant 1 TX1	0.685	0.120	0.286	1.379	1.353	1.594
WCDMA IV_Ant 1 TX1	0.338	0.120	0.286	1.032	1.006	1.247
WCDMA V_Ant 1 TX1	0.096	0.120	0.286	0.790	0.764	1.005
LTE Band 7_Ant 1 TX1	0.766	0.120	0.286	1.460	1.434	1.675
LTE Band 12_Ant 1 TX1	0.117	0.120	0.286	0.811	0.785	1.026
LTE Band 13_Ant 1 TX1	0.182	0.120	0.286	0.876	0.850	1.091
LTE Band 14_Ant 1 TX1	0.157	0.120	0.286	0.851	0.825	1.066
LTE Band 25_Ant 1 TX1	0.610	0.120	0.286	1.304	1.278	1.519
LTE Band 26_Ant 1 TX1	0.135	0.120	0.286	0.829	0.803	1.044
LTE Band 30_Ant 1 TX1	0.744	0.120	0.286	1.438	1.412	1.653
LTE Band 41_Ant 1 TX1	0.700	0.120	0.286	1.394	1.368	1.609
LTE Band 48_Ant 1 TX1	0.839	0.120	0.286	1.533	1.507	1.748
LTE Band 66_Ant 1 TX1	0.321	0.120	0.286	1.015	0.989	1.230
FR1 n7_Ant 1 TX1	0.734	0.120	0.286	1.428	1.402	1.643
FR1 n12_Ant 1 TX1	0.140	0.120	0.286	0.834	0.808	1.049
FR1 n14_Ant 1 TX1	0.155	0.120	0.286	0.849	0.823	1.064
FR1 n25_Ant 1 TX1	0.830	0.120	0.286	1.524	1.498	1.739
FR1 n26_Ant 1 TX1	0.121	0.120	0.286	0.815	0.789	1.030
FR1 n30_Ant 1 TX1	0.705	0.120	0.286	1.399	1.373	1.614
FR1 n38_Ant 1 TX1	0.752	0.120	0.286	1.446	1.420	1.661
FR1 n41_Ant 1 TX1	0.820	0.120	0.286	1.514	1.488	1.729
FR1 n48_Ant 1 TX1	0.738	0.120	0.286	1.432	1.406	1.647
FR1 n66_Ant 1 TX1	0.365	0.120	0.286	1.059	1.033	1.274
FR1 n70_Ant 1 TX1	0.228	0.120	0.286	0.922	0.896	1.137
FR1 n71_Ant 1 TX1	0.207	0.120	0.286	0.901	0.875	1.116
FR1 n77_Ant 1 TX1	0.749	0.120	0.286	1.443	1.417	1.658

SAR peak location (mm)			X (axis)	-27.5	-24.3	-22	-22.5	-26	
			Y (axis)	-47	-36.3	56	33.5	51.5	
			Z (axis)	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11
			Right Edge	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			1g SAR (W/kg)			0.288	0.262	0.503	
						0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	
-26.8	-35.3	-208.9	GSM850_Ant 1 TX1	0.273	0.120	0.286			
-26.8	-53.2	-207	GSM1900_Ant 1 TX1	0.486	0.120	0.286			
-21.7	-54.4	-207	WCDMA II_Ant 1 TX1	0.685	0.120	0.286			
-23.4	-59.1	-207	WCDMA IV_Ant 1 TX1	0.338	0.120	0.286			
-21.7	-38.5	-207	WCDMA V_Ant 1 TX1	0.096	0.120	0.286			
-23	-51.5	-207	LTE Band 7_Ant 1 TX1	0.766	0.120	0.286			0.02
-24.4	-34.8	-208.8	LTE Band 12_Ant 1 TX1	0.117	0.120	0.286			
-23.2	-43.5	-207	LTE Band 13_Ant 1 TX1	0.182	0.120	0.286			
-23.2	-43.5	-207	LTE Band 14_Ant 1 TX1	0.157	0.120	0.286			
-21.9	-53.6	-207	LTE Band 25_Ant 1 TX1	0.610	0.120	0.286			
-23.2	-36.3	-207	LTE Band 26_Ant 1 TX1	0.135	0.120	0.286			
-24	-56.5	-207	LTE Band 30_Ant 1 TX1	0.744	0.120	0.286			0.02
-23	-46	-207	LTE Band 41_Ant 1 TX1	0.700	0.120	0.286			0.02
-25	-46	-207	LTE Band 48_Ant 1 TX1	0.839	0.120	0.286			0.03
-21.9	-57.6	-207	LTE Band 66_Ant 1 TX1	0.321	0.120	0.286			
-28	-51	-207	FR1 n7_Ant 1 TX1	0.734	0.120	0.286			0.02
-22.9	-33.5	-208.8	FR1 n12_Ant 1 TX1	0.140	0.120	0.286			
-24.1	-33.5	-208.8	FR1 n14_Ant 1 TX1	0.155	0.120	0.286			
-28.3	-53.1	-207	FR1 n25_Ant 1 TX1	0.830	0.120	0.286			0.03
-23.2	-35	-207	FR1 n26_Ant 1 TX1	0.121	0.120	0.286			
-28	-55	-207	FR1 n30_Ant 1 TX1	0.705	0.120	0.286			0.02
-24	-50	-207	FR1 n38_Ant 1 TX1	0.752	0.120	0.286			0.02
-24	-48	-207	FR1 n41_Ant 1 TX1	0.820	0.120	0.286			0.03
-22.5	-44	-207	FR1 n48_Ant 1 TX1	0.738	0.120	0.286			0.02
-24.4	-55.7	-207	FR1 n66_Ant 1 TX1	0.365	0.120	0.286			
-23.2	-59.2	-207	FR1 n70_Ant 1 TX1	0.228	0.120	0.286			
-23.2	-38.8	-207	FR1 n71_Ant 1 TX1	0.207	0.120	0.286			
-25	-45	-207	FR1 n77_Ant 1 TX1	0.749	0.120	0.286			0.02



<Case 143>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.288	0.262	0.503
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.273	0.286	0.001	0.848	0.822	1.063
GSM1900_Ant 1 TX1	0.486	0.286	0.001	1.061	1.035	1.276
WCDMA II_Ant 1 TX1	0.685	0.286	0.001	1.260	1.234	1.475
WCDMA IV_Ant 1 TX1	0.338	0.286	0.001	0.913	0.887	1.128
WCDMA V_Ant 1 TX1	0.096	0.286	0.001	0.671	0.645	0.886
LTE Band 7_Ant 1 TX1	0.766	0.286	0.001	1.341	1.315	1.556
LTE Band 12_Ant 1 TX1	0.117	0.286	0.001	0.692	0.666	0.907
LTE Band 13_Ant 1 TX1	0.182	0.286	0.001	0.757	0.731	0.972
LTE Band 14_Ant 1 TX1	0.157	0.286	0.001	0.732	0.706	0.947
LTE Band 25_Ant 1 TX1	0.610	0.286	0.001	1.185	1.159	1.400
LTE Band 26_Ant 1 TX1	0.135	0.286	0.001	0.710	0.684	0.925
LTE Band 30_Ant 1 TX1	0.744	0.286	0.001	1.319	1.293	1.534
LTE Band 41_Ant 1 TX1	0.700	0.286	0.001	1.275	1.249	1.490
LTE Band 48_Ant 1 TX1	0.839	0.286	0.001	1.414	1.388	1.629
LTE Band 66_Ant 1 TX1	0.321	0.286	0.001	0.896	0.870	1.111
FR1 n7_Ant 1 TX1	0.734	0.286	0.001	1.309	1.283	1.524
FR1 n12_Ant 1 TX1	0.140	0.286	0.001	0.715	0.689	0.930
FR1 n14_Ant 1 TX1	0.155	0.286	0.001	0.730	0.704	0.945
FR1 n25_Ant 1 TX1	0.830	0.286	0.001	1.405	1.379	1.620
FR1 n26_Ant 1 TX1	0.121	0.286	0.001	0.696	0.670	0.911
FR1 n30_Ant 1 TX1	0.705	0.286	0.001	1.280	1.254	1.495
FR1 n38_Ant 1 TX1	0.752	0.286	0.001	1.327	1.301	1.542
FR1 n41_Ant 1 TX1	0.820	0.286	0.001	1.395	1.369	1.610
FR1 n48_Ant 1 TX1	0.738	0.286	0.001	1.313	1.287	1.528
FR1 n66_Ant 1 TX1	0.365	0.286	0.001	0.940	0.914	1.155
FR1 n70_Ant 1 TX1	0.228	0.286	0.001	0.803	0.777	1.018
FR1 n71_Ant 1 TX1	0.207	0.286	0.001	0.782	0.756	0.997
FR1 n77_Ant 1 TX1	0.749	0.286	0.001	1.324	1.298	1.539

SAR peak location (mm)			X (axis)	-24.3		-22	-22.5	-26	
			Y (axis)	-35.3		56	33.5	51.5	
			Z (axis)	-207		-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
			Right Edge	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			1g SAR (W/kg)				0.288	0.262	0.503
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-26.8	-35.3	-208.9	GSM850_Ant 1 TX1	0.273	0.286	0.001			
-26.8	-53.2	-207	GSM1900_Ant 1 TX1	0.486	0.286	0.001			
-21.7	-54.4	-207	WCDMA II_Ant 1 TX1	0.685	0.286	0.001			
-23.4	-59.1	-207	WCDMA IV_Ant 1 TX1	0.338	0.286	0.001			
-21.7	-38.5	-207	WCDMA V_Ant 1 TX1	0.096	0.286	0.001			
-23	-51.5	-207	LTE Band 7_Ant 1 TX1	0.766	0.286	0.001			
-24.4	-34.8	-208.8	LTE Band 12_Ant 1 TX1	0.117	0.286	0.001			
-23.2	-43.5	-207	LTE Band 13_Ant 1 TX1	0.182	0.286	0.001			
-23.2	-43.5	-207	LTE Band 14_Ant 1 TX1	0.157	0.286	0.001			
-21.9	-53.6	-207	LTE Band 25_Ant 1 TX1	0.610	0.286	0.001			
-23.2	-36.3	-207	LTE Band 26_Ant 1 TX1	0.135	0.286	0.001			
-24	-56.5	-207	LTE Band 30_Ant 1 TX1	0.744	0.286	0.001			
-23	-46	-207	LTE Band 41_Ant 1 TX1	0.700	0.286	0.001			
-25	-46	-207	LTE Band 48_Ant 1 TX1	0.839	0.286	0.001			0.02
-21.9	-57.6	-207	LTE Band 66_Ant 1 TX1	0.321	0.286	0.001			
-28	-51	-207	FR1 n7_Ant 1 TX1	0.734	0.286	0.001			
-22.9	-33.5	-208.8	FR1 n12_Ant 1 TX1	0.140	0.286	0.001			
-24.1	-33.5	-208.8	FR1 n14_Ant 1 TX1	0.155	0.286	0.001			
-28.3	-53.1	-207	FR1 n25_Ant 1 TX1	0.830	0.286	0.001			0.02
-23.2	-35	-207	FR1 n26_Ant 1 TX1	0.121	0.286	0.001			
-28	-55	-207	FR1 n30_Ant 1 TX1	0.705	0.286	0.001			
-24	-50	-207	FR1 n38_Ant 1 TX1	0.752	0.286	0.001			
-24	-48	-207	FR1 n41_Ant 1 TX1	0.820	0.286	0.001			0.02
-22.5	-44	-207	FR1 n48_Ant 1 TX1	0.738	0.286	0.001			
-24.4	-55.7	-207	FR1 n66_Ant 1 TX1	0.365	0.286	0.001			
-23.2	-59.2	-207	FR1 n70_Ant 1 TX1	0.228	0.286	0.001			
-23.2	-38.8	-207	FR1 n71_Ant 1 TX1	0.207	0.286	0.001			
-25	-45	-207	FR1 n77_Ant 1 TX1	0.749	0.286	0.001			



<Case 144>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.288	0.262	0.503
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.273	0.286	0.330	1.177	1.151	1.392
GSM1900_Ant 1 TX1	0.486	0.286	0.330	1.390	1.364	1.605
WCDMA II_Ant 1 TX1	0.685	0.286	0.330	1.589	1.563	1.804
WCDMA IV_Ant 1 TX1	0.338	0.286	0.330	1.242	1.216	1.457
WCDMA V_Ant 1 TX1	0.096	0.286	0.330	1.000	0.974	1.215
LTE Band 7_Ant 1 TX1	0.766	0.286	0.330	1.670	1.644	1.885
LTE Band 12_Ant 1 TX1	0.117	0.286	0.330	1.021	0.995	1.236
LTE Band 13_Ant 1 TX1	0.182	0.286	0.330	1.086	1.060	1.301
LTE Band 14_Ant 1 TX1	0.157	0.286	0.330	1.061	1.035	1.276
LTE Band 25_Ant 1 TX1	0.610	0.286	0.330	1.514	1.488	1.729
LTE Band 26_Ant 1 TX1	0.135	0.286	0.330	1.039	1.013	1.254
LTE Band 30_Ant 1 TX1	0.744	0.286	0.330	1.648	1.622	1.863
LTE Band 41_Ant 1 TX1	0.700	0.286	0.330	1.604	1.578	1.819
LTE Band 48_Ant 1 TX1	0.839	0.286	0.330	1.743	1.717	1.958
LTE Band 66_Ant 1 TX1	0.321	0.286	0.330	1.225	1.199	1.440
FR1 n7_Ant 1 TX1	0.734	0.286	0.330	1.638	1.612	1.853
FR1 n12_Ant 1 TX1	0.140	0.286	0.330	1.044	1.018	1.259
FR1 n14_Ant 1 TX1	0.155	0.286	0.330	1.059	1.033	1.274
FR1 n25_Ant 1 TX1	0.830	0.286	0.330	1.734	1.708	1.949
FR1 n26_Ant 1 TX1	0.121	0.286	0.330	1.025	0.999	1.240
FR1 n30_Ant 1 TX1	0.705	0.286	0.330	1.609	1.583	1.824
FR1 n38_Ant 1 TX1	0.752	0.286	0.330	1.656	1.630	1.871
FR1 n41_Ant 1 TX1	0.820	0.286	0.330	1.724	1.698	1.939
FR1 n48_Ant 1 TX1	0.738	0.286	0.330	1.642	1.616	1.857
FR1 n66_Ant 1 TX1	0.365	0.286	0.330	1.269	1.243	1.484
FR1 n70_Ant 1 TX1	0.228	0.286	0.330	1.132	1.106	1.347
FR1 n71_Ant 1 TX1	0.207	0.286	0.330	1.111	1.085	1.326
FR1 n77_Ant 1 TX1	0.749	0.286	0.330	1.653	1.627	1.868

SAR peak location (mm)			X (axis)									
			Y (axis)	Z (axis)	0	1	7	9	10	11		
			X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
						Right Edge	1g SAR (W/kg)			0.288	0.262	0.503
										0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-26.8	-35.3	-208.9	GSM850_Ant 1 TX1	0.273	0.286	0.330						
-26.8	-53.2	-207	GSM1900_Ant 1 TX1	0.486	0.286	0.330						0.02
-21.7	-54.4	-207	WCDMA II_Ant 1 TX1	0.685	0.286	0.330						0.03
-23.4	-59.1	-207	WCDMA IV_Ant 1 TX1	0.338	0.286	0.330						
-21.7	-38.5	-207	WCDMA V_Ant 1 TX1	0.096	0.286	0.330						
-23	-51.5	-207	LTE Band 7_Ant 1 TX1	0.766	0.286	0.330				0.02	0.03	0.03
-24.4	-34.8	-208.8	LTE Band 12_Ant 1 TX1	0.117	0.286	0.330						
-23.2	-43.5	-207	LTE Band 13_Ant 1 TX1	0.182	0.286	0.330						
-23.2	-43.5	-207	LTE Band 14_Ant 1 TX1	0.157	0.286	0.330						
-21.9	-53.6	-207	LTE Band 25_Ant 1 TX1	0.610	0.286	0.330						0.03
-23.2	-36.3	-207	LTE Band 26_Ant 1 TX1	0.135	0.286	0.330						
-24	-56.5	-207	LTE Band 30_Ant 1 TX1	0.744	0.286	0.330				0.02	0.03	0.03
-23	-46	-207	LTE Band 41_Ant 1 TX1	0.700	0.286	0.330				0.02		0.03
-25	-46	-207	LTE Band 48_Ant 1 TX1	0.839	0.286	0.330				0.02	0.03	0.03
-21.9	-57.6	-207	LTE Band 66_Ant 1 TX1	0.321	0.286	0.330						
-28	-51	-207	FR1 n7_Ant 1 TX1	0.734	0.286	0.330				0.02	0.03	0.03
-22.9	-33.5	-208.8	FR1 n12_Ant 1 TX1	0.140	0.286	0.330						
-24.1	-33.5	-208.8	FR1 n14_Ant 1 TX1	0.155	0.286	0.330						
-28.3	-53.1	-207	FR1 n25_Ant 1 TX1	0.830	0.286	0.330				0.02	0.03	0.03
-23.2	-35	-207	FR1 n26_Ant 1 TX1	0.121	0.286	0.330						
-28	-55	-207	FR1 n30_Ant 1 TX1	0.705	0.286	0.330				0.02		0.03
-24	-50	-207	FR1 n38_Ant 1 TX1	0.752	0.286	0.330				0.02	0.03	0.03
-24	-48	-207	FR1 n41_Ant 1 TX1	0.820	0.286	0.330				0.02	0.03	0.03
-22.5	-44	-207	FR1 n48_Ant 1 TX1	0.738	0.286	0.330				0.02	0.03	0.03
-24.4	-55.7	-207	FR1 n66_Ant 1 TX1	0.365	0.286	0.330						
-23.2	-59.2	-207	FR1 n70_Ant 1 TX1	0.228	0.286	0.330						
-23.2	-38.8	-207	FR1 n71_Ant 1 TX1	0.207	0.286	0.330						
-25	-45	-207	FR1 n77_Ant 1 TX1	0.749	0.286	0.330				0.02	0.03	0.03



<Case 145>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.288	0.262	0.503
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.273	0.286	0.109	0.956	0.930	1.171
GSM1900_Ant 1 TX1	0.486	0.286	0.109	1.169	1.143	1.384
WCDMA II_Ant 1 TX1	0.685	0.286	0.109	1.368	1.342	1.583
WCDMA IV_Ant 1 TX1	0.338	0.286	0.109	1.021	0.995	1.236
WCDMA V_Ant 1 TX1	0.096	0.286	0.109	0.779	0.753	0.994
LTE Band 7_Ant 1 TX1	0.766	0.286	0.109	1.449	1.423	1.664
LTE Band 12_Ant 1 TX1	0.117	0.286	0.109	0.800	0.774	1.015
LTE Band 13_Ant 1 TX1	0.182	0.286	0.109	0.865	0.839	1.080
LTE Band 14_Ant 1 TX1	0.157	0.286	0.109	0.840	0.814	1.055
LTE Band 25_Ant 1 TX1	0.610	0.286	0.109	1.293	1.267	1.508
LTE Band 26_Ant 1 TX1	0.135	0.286	0.109	0.818	0.792	1.033
LTE Band 30_Ant 1 TX1	0.744	0.286	0.109	1.427	1.401	1.642
LTE Band 41_Ant 1 TX1	0.700	0.286	0.109	1.383	1.357	1.598
LTE Band 48_Ant 1 TX1	0.839	0.286	0.109	1.522	1.496	1.737
LTE Band 66_Ant 1 TX1	0.321	0.286	0.109	1.004	0.978	1.219
FR1 n7_Ant 1 TX1	0.734	0.286	0.109	1.417	1.391	1.632
FR1 n12_Ant 1 TX1	0.140	0.286	0.109	0.823	0.797	1.038
FR1 n14_Ant 1 TX1	0.155	0.286	0.109	0.838	0.812	1.053
FR1 n25_Ant 1 TX1	0.830	0.286	0.109	1.513	1.487	1.728
FR1 n26_Ant 1 TX1	0.121	0.286	0.109	0.804	0.778	1.019
FR1 n30_Ant 1 TX1	0.705	0.286	0.109	1.388	1.362	1.603
FR1 n38_Ant 1 TX1	0.752	0.286	0.109	1.435	1.409	1.650
FR1 n41_Ant 1 TX1	0.820	0.286	0.109	1.503	1.477	1.718
FR1 n48_Ant 1 TX1	0.738	0.286	0.109	1.421	1.395	1.636
FR1 n66_Ant 1 TX1	0.365	0.286	0.109	1.048	1.022	1.263
FR1 n70_Ant 1 TX1	0.228	0.286	0.109	0.911	0.885	1.126
FR1 n71_Ant 1 TX1	0.207	0.286	0.109	0.890	0.864	1.105
FR1 n77_Ant 1 TX1	0.749	0.286	0.109	1.432	1.406	1.647

SAR peak location (mm)			X (axis)	Y (axis)	Z (axis)	0	1	7	9	10	11
X (axis)	Y (axis)	Z (axis)	Exposure Position			WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Right Edge			1g SAR (W/kg)			0.288	0.262	0.503
						SPLSR Results			0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-26.8	-35.3	-208.9	GSM850_Ant 1 TX1	0.273	0.286	0.109					
-26.8	-53.2	-207	GSM1900_Ant 1 TX1	0.486	0.286	0.109					
-21.7	-54.4	-207	WCDMA II_Ant 1 TX1	0.685	0.286	0.109					
-23.4	-59.1	-207	WCDMA IV_Ant 1 TX1	0.338	0.286	0.109					
-21.7	-38.5	-207	WCDMA V_Ant 1 TX1	0.096	0.286	0.109					
-23	-51.5	-207	LTE Band 7_Ant 1 TX1	0.766	0.286	0.109					0.02
-24.4	-34.8	-208.8	LTE Band 12_Ant 1 TX1	0.117	0.286	0.109					
-23.2	-43.5	-207	LTE Band 13_Ant 1 TX1	0.182	0.286	0.109					
-23.2	-43.5	-207	LTE Band 14_Ant 1 TX1	0.157	0.286	0.109					
-21.9	-53.6	-207	LTE Band 25_Ant 1 TX1	0.610	0.286	0.109					
-23.2	-36.3	-207	LTE Band 26_Ant 1 TX1	0.135	0.286	0.109					
-24	-56.5	-207	LTE Band 30_Ant 1 TX1	0.744	0.286	0.109					0.02
-23	-46	-207	LTE Band 41_Ant 1 TX1	0.700	0.286	0.109					0.02
-25	-46	-207	LTE Band 48_Ant 1 TX1	0.839	0.286	0.109					0.03
-21.9	-57.6	-207	LTE Band 66_Ant 1 TX1	0.321	0.286	0.109					
-28	-51	-207	FR1 n7_Ant 1 TX1	0.734	0.286	0.109					0.02
-22.9	-33.5	-208.8	FR1 n12_Ant 1 TX1	0.140	0.286	0.109					
-24.1	-33.5	-208.8	FR1 n14_Ant 1 TX1	0.155	0.286	0.109					
-28.3	-53.1	-207	FR1 n25_Ant 1 TX1	0.830	0.286	0.109					0.03
-23.2	-35	-207	FR1 n26_Ant 1 TX1	0.121	0.286	0.109					
-28	-55	-207	FR1 n30_Ant 1 TX1	0.705	0.286	0.109					0.02
-24	-50	-207	FR1 n38_Ant 1 TX1	0.752	0.286	0.109					0.02
-24	-48	-207	FR1 n41_Ant 1 TX1	0.820	0.286	0.109					0.03
-22.5	-44	-207	FR1 n48_Ant 1 TX1	0.738	0.286	0.109					0.02
-24.4	-55.7	-207	FR1 n66_Ant 1 TX1	0.365	0.286	0.109					
-23.2	-59.2	-207	FR1 n70_Ant 1 TX1	0.228	0.286	0.109					
-23.2	-38.8	-207	FR1 n71_Ant 1 TX1	0.207	0.286	0.109					
-25	-45	-207	FR1 n77_Ant 1 TX1	0.749	0.286	0.109					0.02



<Case 146>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4G Ant 4	WLAN5.6G Ant 4+3	LTE Band 25 Ant 5 Sub TX1	LTE Band 41 Ant 5 Sub TX1	LTE Band 66 Ant 5 Sub TX1	FR1 n25 Ant 5 Sub TX1	FR1 n38 Ant 5 Sub TX1	FR1 n41 Ant 5 Sub TX1	FR1 n48 Ant 5 Sub TX1	FR1 n66 Ant 5 Sub TX1	FR1 n77 Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.305	0.446	0.535
				0.1+2+9 Summed SAR	0.1+2+10 Summed SAR	0.1+2+11 Summed SAR	0.1+2+12 Summed SAR	0.1+2+13 Summed SAR	0.1+2+14 Summed SAR	0.1+2+15 Summed SAR	0.1+2+16 Summed SAR	0.1+2+17 Summed SAR
GSM1900_Ant 2 TXD	0.631	0.126	0.369	1.805	1.657	1.554	1.753	1.463	1.453	1.431	1.572	1.662
WCDMA_R_Ant 2 TXD	0.541	0.126	0.369	1.715	1.577	1.464	1.653	1.373	1.363	1.341	1.482	1.572
WCDMA_U_Ant 2 TXD	0.655	0.126	0.369	1.829	1.691	1.578	1.777	1.487	1.477	1.455	1.596	1.686
LTE Band 7_Ant 2 TXD	0.563	0.126	0.369	1.737	1.599	1.486	1.685	1.395	1.385	1.363	1.504	1.594
LTE Band 25_Ant 2 TXD	0.641	0.126	0.369	1.815	1.677	1.564	1.763	1.473	1.463	1.441	1.582	1.672
LTE Band 30_Ant 2 TXD	0.559	0.126	0.369	1.743	1.605	1.492	1.691	1.401	1.391	1.369	1.510	1.600
LTE Band 41_Ant 2 TXD	0.644	0.126	0.369	1.818	1.680	1.567	1.766	1.476	1.466	1.444	1.585	1.675
LTE Band 66_Ant 2 TXD	0.607	0.126	0.369	1.781	1.643	1.530	1.729	1.439	1.429	1.407	1.548	1.638
FR1 n7_Ant 2 TXD	0.625	0.126	0.369	1.799	1.661	1.548	1.747	1.457	1.447	1.425	1.566	1.656
FR1 n25_Ant 2 TXD	0.654	0.126	0.369	1.828	1.690	1.577	1.776	1.486	1.476	1.454	1.595	1.685
FR1 n38_Ant 2 TXD	0.549	0.126	0.369	1.723	1.585	1.472	1.671	1.381	1.371	1.349	1.490	1.580
FR1 n48_Ant 2 TXD	0.456	0.126	0.369	1.630	1.492	1.379	1.578	1.288	1.278	1.256	1.397	1.487
FR1 n41_Ant 2 TXD	0.402	0.126	0.369	1.576	1.438	1.325	1.524	1.234	1.224	1.202	1.343	1.433
FR1 n48_Ant 2 Sub TXD	0.508	0.126	0.369	1.662	1.544	1.431	1.630	1.340	1.330	1.308	1.449	1.539
FR1 n66_Ant 2 TXD	0.660	0.126	0.369	1.854	1.696	1.583	1.782	1.492	1.482	1.460	1.601	1.691
FR1 n77_Ant 2 TXD	0.667	0.126	0.369	1.841	1.703	1.590	1.789	1.499	1.489	1.467	1.608	1.698
FR1 n77_Ant 2 Sub TXD	0.640	0.126	0.369	1.814	1.676	1.563	1.762	1.472	1.462	1.440	1.581	1.671

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	70.4	1.35	0.02	Not required
Max WWAN Ant 2	0.667	-32.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	80.2	0.81	0.01	Not required
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	29.9	0.98	0.03	Not required
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	22.7	0.50	0.02	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	61.6	0.43	0.00	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 147>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0		1		2		9		10		11		12		13		14		15		16		17	
	WWAN SAR	WLAN2.4G Ant 3	WLAN5.6G Ant 4+3	LTE Band 25 Ant 5 Sub TXI	LTE Band 41 Ant 5 Sub TXI	LTE Band 66 Ant 5 Sub TXI	FR1 n25 Ant 5 Sub TXI	FR1 n38 Ant 5 Sub TXI	FR1 n41 Ant 5 Sub TXI	FR1 n48 Ant 5 Sub TXI	FR1 n66 Ant 5 Sub TXI	FR1 n77 Ant 5 Sub TXI												
Front	0.679		0.541		0.369		1.733		1.595		1.482		1.681		1.391		1.381		1.359		1.500		1.590	
GSM1900_Ant 2 TXI	0.631	0.054	0.369	1.733	1.595	1.482	1.681	1.391	1.381	1.359	1.500	1.590												
WCDMA_R_Ant 2 TXI	0.541	0.054	0.369	1.643	1.506	1.392	1.591	1.291	1.269	1.410	1.500													
WCDMA_U_Ant 2 TXI	0.655	0.054	0.369	1.757	1.619	1.506	1.705	1.415	1.405	1.383	1.524	1.614												
LTE Band 7_Ant 2 TXI	0.563	0.054	0.369	1.665	1.527	1.414	1.613	1.323	1.313	1.291	1.432	1.522												
LTE Band 25_Ant 2 TXI	0.641	0.054	0.369	1.743	1.605	1.492	1.691	1.401	1.391	1.369	1.510	1.600												
LTE Band 30_Ant 2 TXI	0.569	0.054	0.369	1.671	1.533	1.420	1.619	1.329	1.319	1.297	1.438	1.528												
LTE Band 41_Ant 2 TXI	0.644	0.054	0.369	1.746	1.608	1.495	1.694	1.404	1.394	1.372	1.513	1.603												
LTE Band 66_Ant 2 TXI	0.607	0.054	0.369	1.709	1.571	1.458	1.657	1.367	1.357	1.335	1.476	1.566												
FR1 n7_Ant 2 TXI	0.625	0.054	0.369	1.727	1.589	1.476	1.675	1.385	1.375	1.353	1.494	1.584												
FR1 n25_Ant 2 TXI	0.654	0.054	0.369	1.756	1.618	1.505	1.704	1.414	1.404	1.382	1.523	1.613												
FR1 n38_Ant 2 TXI	0.549	0.054	0.369	1.651	1.513	1.400	1.599	1.309	1.299	1.277	1.418	1.508												
FR1 n41_Ant 2 TXI	0.456	0.054	0.369	1.558	1.420	1.307	1.506	1.216	1.206	1.184	1.325	1.415												
FR1 n48_Ant 2 TXI	0.402	0.054	0.369	1.504	1.366	1.253	1.452	1.162	1.152	1.130	1.271	1.361												
FR1 n66_Ant 2 Sub TXI	0.508	0.054	0.369	1.610	1.472	1.359	1.558	1.268	1.258	1.236	1.377	1.467												
FR1 n77_Ant 2 TXI	0.660	0.054	0.369	1.762	1.624	1.511	1.710	1.420	1.410	1.388	1.529	1.619												
FR1 n25_Ant 2 TXI	0.667	0.054	0.369	1.769	1.631	1.518	1.717	1.427	1.417	1.395	1.536	1.626												
FR1 n38_Ant 2 Sub TXI	0.640	0.054	0.369	1.742	1.604	1.491	1.690	1.400	1.390	1.368	1.509	1.599												

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	70.4	1.35	0.02	Not required
Max WWAN Ant 2	0.667	-32.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	19.4	0.73	0.03	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0	29.9	0.98	0.03	Not required
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	83.8	0.42	0.00	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				



<Case 148>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.505	0.446	0.535
				9+1+2+9 Summed SAR	9+1+2+10 Summed SAR	9+1+2+11 Summed SAR	9+1+2+12 Summed SAR	9+1+2+13 Summed SAR	9+1+2+14 Summed SAR	9+1+2+15 Summed SAR	9+1+2+16 Summed SAR	9+1+2+17 Summed SAR
GSM1900_Ant 2 TXI	0.631	0.194	0.369	1.873	1.735	1.622	1.821	1.531	1.521	1.499	1.640	1.730
WCDMA_R_Ant 2 TXI	0.541	0.194	0.369	1.783	1.645	1.532	1.731	1.441	1.431	1.409	1.550	1.640
WCDMA_IV_Ant 2 TXI	0.655	0.194	0.369	1.897	1.759	1.646	1.845	1.555	1.545	1.523	1.664	1.754
LTE Band 7_Ant 2 TXI	0.563	0.194	0.369	1.805	1.667	1.554	1.753	1.463	1.453	1.431	1.572	1.662
LTE Band 25_Ant 2 TXI	0.641	0.194	0.369	1.883	1.745	1.632	1.831	1.541	1.531	1.509	1.650	1.740
LTE Band 30_Ant 2 TXI	0.559	0.194	0.369	1.811	1.673	1.560	1.759	1.469	1.459	1.437	1.578	1.668
LTE Band 41_Ant 2 TXI	0.644	0.194	0.369	1.896	1.748	1.635	1.834	1.544	1.534	1.512	1.653	1.743
LTE Band 66_Ant 2 TXI	0.607	0.194	0.369	1.849	1.711	1.598	1.797	1.507	1.497	1.475	1.616	1.706
FR1 n7_Ant 2 TXI	0.625	0.194	0.369	1.867	1.729	1.616	1.815	1.525	1.515	1.493	1.634	1.724
FR1 n25_Ant 2 TXI	0.654	0.194	0.369	1.896	1.758	1.645	1.844	1.554	1.544	1.522	1.663	1.753
FR1 n38_Ant 2 TXI	0.549	0.194	0.369	1.791	1.653	1.540	1.739	1.449	1.439	1.417	1.558	1.648
FR1 n41_Ant 2 TXI	0.456	0.194	0.369	1.698	1.560	1.447	1.646	1.356	1.346	1.324	1.465	1.555
FR1 n48_Ant 2 TXI	0.402	0.194	0.369	1.644	1.506	1.393	1.592	1.302	1.292	1.270	1.411	1.501
FR1 n66_Ant 2 Sub TXI	0.508	0.194	0.369	1.750	1.612	1.499	1.698	1.408	1.398	1.376	1.517	1.607
FR1 n77_Ant 2 TXI	0.660	0.194	0.369	1.902	1.764	1.651	1.850	1.560	1.550	1.528	1.669	1.759
FR1 n25_Ant 2 TXI	0.667	0.194	0.369	1.909	1.771	1.658	1.857	1.567	1.557	1.535	1.676	1.766
FR1 n77_Ant 2 Sub TXI	0.640	0.194	0.369	1.882	1.744	1.631	1.830	1.540	1.530	1.508	1.649	1.739

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	24.6	0.75	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	107.3	0.73	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	87.4	1.05	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	20.7	0.56	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	81.2	0.44	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	7.1	0.37	0.03	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				



<Case 149>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.305	0.446	0.535
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM1900_Ant 2 TXD	0.631	0.369	0.225	1.904	1.766	1.653	1.852	1.562	1.552	1.530	1.671	1.781
WCDMA_R_Ant 2 TXD	0.541	0.369	0.225	1.814	1.676	1.563	1.762	1.472	1.462	1.440	1.581	1.671
WCDMA_U_Ant 2 TXD	0.655	0.369	0.225	1.928	1.790	1.677	1.876	1.586	1.576	1.554	1.695	1.785
LTE Band 7_Ant 2 TXD	0.563	0.369	0.225	1.836	1.698	1.585	1.784	1.494	1.484	1.462	1.603	1.693
LTE Band 25_Ant 2 TXD	0.641	0.369	0.225	1.914	1.776	1.663	1.862	1.572	1.562	1.540	1.681	1.771
LTE Band 30_Ant 2 TXD	0.569	0.369	0.225	1.842	1.704	1.591	1.790	1.500	1.490	1.468	1.609	1.699
LTE Band 41_Ant 2 TXD	0.644	0.369	0.225	1.917	1.779	1.666	1.865	1.575	1.565	1.543	1.684	1.774
LTE Band 66_Ant 2 TXD	0.607	0.369	0.225	1.880	1.742	1.629	1.828	1.538	1.528	1.506	1.647	1.737
FR1 n7_Ant 2 TXD	0.625	0.369	0.225	1.898	1.760	1.647	1.846	1.556	1.546	1.524	1.665	1.755
FR1 n25_Ant 2 TXD	0.654	0.369	0.225	1.927	1.789	1.676	1.875	1.585	1.575	1.553	1.694	1.784
FR1 n38_Ant 2 TXD	0.549	0.369	0.225	1.822	1.684	1.571	1.770	1.480	1.470	1.448	1.589	1.679
FR1 n48_Ant 2 TXD	0.456	0.369	0.225	1.729	1.591	1.478	1.677	1.387	1.377	1.355	1.496	1.586
FR1 n41_Ant 2 TXD	0.402	0.369	0.225	1.675	1.537	1.424	1.623	1.333	1.323	1.301	1.442	1.532
FR1 n48_Ant 2 Sub TXD	0.508	0.369	0.225	1.781	1.643	1.530	1.729	1.439	1.429	1.407	1.548	1.638
FR1 n66_Ant 2 TXD	0.660	0.369	0.225	1.933	1.795	1.682	1.881	1.591	1.581	1.559	1.700	1.790
FR1 n77_Ant 2 TXD	0.667	0.369	0.225	1.940	1.802	1.689	1.888	1.598	1.588	1.566	1.707	1.797
FR1 n77_Ant 2 Sub TXD	0.640	0.369	0.225	1.913	1.775	1.662	1.861	1.571	1.561	1.539	1.680	1.770

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.4	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	152.7	0.89	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	20.9	0.59	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 150>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)			0.679	0.541	0.438	0.627	0.537	0.527	0.505	0.446	0.536
				0e+1+7e9 Summed SAR	0e+1+7e10 Summed SAR	0e+1+7e11 Summed SAR	0e+1+7e12 Summed SAR	0e+1+7e13 Summed SAR	0e+1+7e14 Summed SAR	0e+1+7e15 Summed SAR	0e+1+7e16 Summed SAR	0e+1+7e17 Summed SAR
GSM1900_Ant 2 TXI	0.631	0.369	0.244	1.923	1.785	1.672	1.871	1.581	1.571	1.549	1.690	1.780
WCDMA_R_Ant 2 TXI	0.541	0.369	0.244	1.833	1.695	1.582	1.781	1.491	1.481	1.459	1.600	1.690
WCDMA_IV_Ant 2 TXI	0.655	0.369	0.244	1.947	1.809	1.696	1.895	1.605	1.595	1.573	1.714	1.804
LTE Band 7_Ant 2 TXI	0.563	0.369	0.244	1.855	1.717	1.604	1.803	1.513	1.503	1.481	1.622	1.712
LTE Band 25_Ant 2 TXI	0.641	0.369	0.244	1.933	1.795	1.682	1.881	1.591	1.581	1.559	1.700	1.790
LTE Band 30_Ant 2 TXI	0.569	0.369	0.244	1.861	1.723	1.610	1.809	1.519	1.509	1.487	1.628	1.718
LTE Band 41_Ant 2 TXI	0.644	0.369	0.244	1.936	1.798	1.685	1.884	1.594	1.584	1.562	1.703	1.793
LTE Band 66_Ant 2 TXI	0.607	0.369	0.244	1.899	1.761	1.648	1.847	1.557	1.547	1.525	1.666	1.756
FR1 n25_Ant 2 TXI	0.625	0.369	0.244	1.917	1.779	1.666	1.865	1.575	1.565	1.543	1.684	1.774
FR1 n38_Ant 2 TXI	0.654	0.369	0.244	1.946	1.808	1.695	1.894	1.604	1.594	1.572	1.713	1.803
FR1 n41_Ant 2 TXI	0.549	0.369	0.244	1.841	1.703	1.590	1.789	1.499	1.489	1.467	1.608	1.698
FR1 n48_Ant 2 TXI	0.456	0.369	0.244	1.746	1.610	1.497	1.696	1.406	1.396	1.374	1.515	1.605
FR1 n66_Ant 2 TXI	0.402	0.369	0.244	1.694	1.556	1.443	1.642	1.352	1.342	1.320	1.461	1.551
FR1 n77_Ant 2 Sub TXI	0.508	0.369	0.244	1.806	1.662	1.549	1.748	1.458	1.448	1.426	1.567	1.657
FR1 n25_Ant 2 TXI	0.660	0.369	0.244	1.952	1.814	1.701	1.900	1.610	1.600	1.578	1.719	1.809
FR1 n38_Ant 2 TXI	0.687	0.369	0.244	1.989	1.821	1.708	1.907	1.617	1.607	1.585	1.726	1.816
FR1 n77_Ant 2 Sub TXI	0.640	0.369	0.244	1.932	1.794	1.681	1.880	1.590	1.580	1.558	1.699	1.789

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 5	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	21.1	0.92	0.04	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	103.6	0.91	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	82.5	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 151>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Front	1g SAR (W/kg)			0.679	0.541	0.498	0.627	0.537	0.507	0.505	0.446	0.535
				0e+1+7e9 Summed SAR	0e+1+7e10 Summed SAR	0e+1+7e11 Summed SAR	0e+1+7e12 Summed SAR	0e+1+7e13 Summed SAR	0e+1+7e14 Summed SAR	0e+1+7e15 Summed SAR	0e+1+7e16 Summed SAR	0e+1+7e17 Summed SAR
GSM1900_Ant 2 TXI	0.631	0.369	0.242	1.921	1.783	1.670	1.869	1.579	1.569	1.547	1.688	1.778
WCDMA_R_Ant 2 TXI	0.541	0.369	0.242	1.831	1.693	1.580	1.779	1.489	1.479	1.457	1.598	1.688
WCDMA_U_Ant 2 TXI	0.655	0.369	0.242	1.945	1.807	1.694	1.893	1.603	1.593	1.571	1.712	1.802
LTE Band 7_Ant 2 TXI	0.563	0.369	0.242	1.853	1.715	1.602	1.801	1.511	1.501	1.479	1.620	1.710
LTE Band 25_Ant 2 TXI	0.641	0.369	0.242	1.931	1.793	1.680	1.879	1.589	1.579	1.557	1.698	1.788
LTE Band 30_Ant 2 TXI	0.559	0.369	0.242	1.859	1.721	1.608	1.807	1.517	1.507	1.485	1.626	1.716
LTE Band 41_Ant 2 TXI	0.644	0.369	0.242	1.934	1.796	1.683	1.882	1.592	1.582	1.560	1.701	1.791
LTE Band 66_Ant 2 TXI	0.607	0.369	0.242	1.897	1.759	1.646	1.845	1.555	1.545	1.523	1.664	1.754
FR1 n7_Ant 2 TXI	0.625	0.369	0.242	1.915	1.777	1.664	1.863	1.573	1.563	1.541	1.682	1.772
FR1 n25_Ant 2 TXI	0.654	0.369	0.242	1.944	1.806	1.693	1.892	1.602	1.592	1.570	1.711	1.801
FR1 n38_Ant 2 TXI	0.549	0.369	0.242	1.839	1.701	1.588	1.787	1.497	1.487	1.465	1.606	1.696
FR1 n41_Ant 2 TXI	0.456	0.369	0.242	1.746	1.608	1.495	1.694	1.404	1.394	1.372	1.513	1.603
FR1 n48_Ant 2 TXI	0.402	0.369	0.242	1.692	1.554	1.441	1.640	1.350	1.340	1.318	1.459	1.549
FR1 n66_Ant 2 Sub TXI	0.508	0.369	0.242	1.798	1.660	1.547	1.746	1.456	1.446	1.424	1.565	1.655
FR1 n77_Ant 2 TXI	0.660	0.369	0.242	1.950	1.812	1.699	1.898	1.608	1.598	1.576	1.717	1.807
FR1 n25_Ant 2 Sub TXI	0.667	0.369	0.242	1.957	1.819	1.706	1.905	1.615	1.605	1.583	1.724	1.814
FR1 n38_Ant 2 Sub TXI	0.640	0.369	0.242	1.930	1.792	1.679	1.878	1.588	1.578	1.556	1.697	1.787

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.9	0.92	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	152.7	0.91	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	101.4	0.77	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	19.9	0.61	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	83.0	0.47	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	64.1	0.55	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	12.2	0.41	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	73.4	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 152>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n66_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI
Back	1g SAR (W/kg)			0.689	0.575	0.302	0.516	0.409	0.375	0.303	0.276	0.525
				9i1+2+9 Summed SAR	9i1+2+10 Summed SAR	9i1+2+11 Summed SAR	9i1+2+12 Summed SAR	9i1+2+13 Summed SAR	9i1+2+14 Summed SAR	9i1+2+15 Summed SAR	9i1+2+16 Summed SAR	9i1+2+17 Summed SAR
GSM1900_Ant 2 TXI	0.491	0.185	0.189	1.554	1.375	1.167	1.381	1.274	1.240	1.168	1.141	1.390
WCDMA_R_Ant 2 TXI	0.407	0.185	0.189	1.470	1.291	1.083	1.297	1.190	1.156	1.084	1.057	1.306
WCDMA_IV_Ant 2 TXI	0.575	0.185	0.189	1.638	1.459	1.251	1.465	1.358	1.324	1.252	1.225	1.474
LTE Band 7_Ant 2 TXI	0.550	0.185	0.189	1.613	1.434	1.226	1.440	1.333	1.299	1.227	1.200	1.449
LTE Band 25_Ant 2 TXI	0.497	0.185	0.189	1.560	1.381	1.173	1.387	1.280	1.246	1.174	1.147	1.396
LTE Band 30_Ant 2 TXI	0.389	0.185	0.189	1.452	1.273	1.065	1.279	1.172	1.138	1.066	1.039	1.288
LTE Band 41_Ant 2 TXI	0.402	0.185	0.189	1.465	1.286	1.078	1.292	1.185	1.151	1.079	1.052	1.301
LTE Band 66_Ant 2 TXI	0.448	0.185	0.189	1.511	1.332	1.124	1.338	1.231	1.197	1.125	1.098	1.347
FR1 n7_Ant 2 TXI	0.398	0.185	0.189	1.461	1.282	1.074	1.288	1.181	1.147	1.075	1.048	1.297
FR1 n25_Ant 2 TXI	0.446	0.185	0.189	1.509	1.330	1.122	1.336	1.229	1.195	1.123	1.096	1.345
FR1 n38_Ant 2 TXI	0.383	0.185	0.189	1.446	1.267	1.059	1.273	1.166	1.132	1.060	1.033	1.282
FR1 n48_Ant 2 TXI	0.285	0.185	0.189	1.348	1.169	0.961	1.175	1.068	1.034	0.962	0.935	1.184
FR1 n41_Ant 2 TXI	0.397	0.185	0.189	1.460	1.281	1.073	1.287	1.180	1.146	1.074	1.047	1.296
FR1 n48_Ant 2 Sub TXI	0.409	0.185	0.189	1.472	1.293	1.085	1.299	1.192	1.158	1.086	1.059	1.308
FR1 n66_Ant 2 TXI	0.489	0.185	0.189	1.552	1.373	1.165	1.379	1.272	1.238	1.166	1.139	1.388
FR1 n77_Ant 2 TXI	0.494	0.185	0.189	1.567	1.378	1.170	1.384	1.277	1.243	1.171	1.144	1.393
FR1 n77_Ant 2 Sub TXI	0.482	0.185	0.189	1.545	1.366	1.158	1.372	1.265	1.231	1.159	1.132	1.381

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	83.8	1.26	0.02	Not required
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	22.7	0.76	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	160.6	0.76	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	105.3	0.64	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.80	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	146.8	0.69	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	123.7	0.76	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	19.0	0.30	0.01	Not required
WLAN5G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	55.7	0.18	0.00	Not required
WLAN5G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0	63.5	0.37	0.00	Not required
WLAN5G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	18.5	0.26	0.01	Not required
WLAN5G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.185	-31.5	83.5	-207.0				
WLAN2.4G Ant 4+3(3)	0.069	10.5	22.0	-207.0	74.5	0.25	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 153>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.575	0.302	0.575	0.409	0.375	0.303	0.276	0.525
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM1900_Ant 2 TX1	0.491	0.189	0.201	1.570	1.391	1.183	1.397	1.290	1.256	1.184	1.157	1.406
WCDMA_R_Ant 2 TX1	0.407	0.189	0.201	1.486	1.307	1.099	1.313	1.206	1.172	1.100	1.073	1.322
WCDMA_IV_Ant 2 TX1	0.575	0.189	0.201	1.654	1.475	1.267	1.481	1.374	1.340	1.268	1.241	1.490
LTE Band 7_Ant 2 TX1	0.550	0.189	0.201	1.629	1.450	1.242	1.456	1.349	1.315	1.243	1.216	1.465
LTE Band 25_Ant 2 TX1	0.497	0.189	0.201	1.576	1.397	1.189	1.403	1.296	1.262	1.190	1.163	1.412
LTE Band 30_Ant 2 TX1	0.389	0.189	0.201	1.468	1.289	1.081	1.295	1.188	1.154	1.082	1.055	1.304
LTE Band 41_Ant 2 TX1	0.402	0.189	0.201	1.481	1.302	1.094	1.308	1.201	1.167	1.095	1.068	1.317
LTE Band 66_Ant 2 TX1	0.448	0.189	0.201	1.527	1.348	1.140	1.354	1.247	1.213	1.141	1.114	1.363
FR1 n7_Ant 2 TX1	0.398	0.189	0.201	1.477	1.298	1.090	1.304	1.197	1.163	1.091	1.064	1.313
FR1 n25_Ant 2 TX1	0.446	0.189	0.201	1.525	1.346	1.138	1.352	1.245	1.211	1.139	1.112	1.361
FR1 n38_Ant 2 TX1	0.383	0.189	0.201	1.462	1.283	1.075	1.289	1.182	1.148	1.076	1.049	1.298
FR1 n48_Ant 2 TX1	0.285	0.189	0.201	1.364	1.185	0.977	1.191	1.084	1.050	0.978	0.951	1.200
FR1 n41_Ant 2 TX1	0.397	0.189	0.201	1.476	1.297	1.089	1.303	1.196	1.162	1.090	1.063	1.312
FR1 n48_Ant 2 Sub TX1	0.409	0.189	0.201	1.488	1.309	1.101	1.315	1.208	1.174	1.102	1.075	1.324
FR1 n66_Ant 2 TX1	0.489	0.189	0.201	1.568	1.389	1.181	1.395	1.288	1.254	1.182	1.155	1.404
FR1 n77_Ant 2 TX1	0.494	0.189	0.201	1.573	1.394	1.186	1.400	1.293	1.259	1.187	1.160	1.409
FR1 n77_Ant 2 Sub TX1	0.482	0.189	0.201	1.561	1.382	1.174	1.388	1.281	1.247	1.175	1.148	1.397

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	83.8	1.26	0.02	Not required
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	91.3	0.89	0.01	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	159.1	0.78	0.00	Not required
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.80	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	146.8	0.69	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	123.7	0.76	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	16.6	0.31	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 4	0.201	-29.5	82.0	-207.0	61.0	0.39	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 154>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.689	0.575	0.302	0.516	0.409	0.375	0.303	0.276	0.525
				0e1+7e9 Summed SAR	0e1+7e10 Summed SAR	0e1+7e11 Summed SAR	0e1+7e12 Summed SAR	0e1+7e13 Summed SAR	0e1+7e14 Summed SAR	0e1+7e15 Summed SAR	0e1+7e16 Summed SAR	0e1+7e17 Summed SAR
GSM1900_Ant 2 TX1	0.491	0.189	0.194	1.563	1.384	1.176	1.390	1.283	1.249	1.177	1.150	1.399
WCDMA_R_Ant 2 TX1	0.407	0.189	0.194	1.479	1.300	1.092	1.306	1.199	1.165	1.093	1.066	1.315
WCDMA_IV_Ant 2 TX1	0.575	0.189	0.194	1.647	1.468	1.260	1.474	1.367	1.333	1.261	1.234	1.483
LTE Band 7_Ant 2 TX1	0.550	0.189	0.194	1.622	1.443	1.235	1.449	1.342	1.308	1.236	1.209	1.458
LTE Band 25_Ant 2 TX1	0.497	0.189	0.194	1.569	1.390	1.182	1.396	1.289	1.255	1.183	1.156	1.405
LTE Band 30_Ant 2 TX1	0.389	0.189	0.194	1.461	1.282	1.074	1.288	1.181	1.147	1.075	1.048	1.297
LTE Band 41_Ant 2 TX1	0.402	0.189	0.194	1.474	1.295	1.087	1.301	1.194	1.160	1.088	1.061	1.310
LTE Band 66_Ant 2 TX1	0.448	0.189	0.194	1.520	1.341	1.133	1.347	1.240	1.206	1.134	1.107	1.356
FR1 n7_Ant 2 TX1	0.398	0.189	0.194	1.470	1.291	1.083	1.297	1.190	1.156	1.084	1.057	1.306
FR1 n25_Ant 2 TX1	0.446	0.189	0.194	1.518	1.339	1.131	1.345	1.238	1.204	1.132	1.105	1.354
FR1 n38_Ant 2 TX1	0.383	0.189	0.194	1.455	1.276	1.068	1.282	1.175	1.141	1.069	1.042	1.291
FR1 n48_Ant 2 TX1	0.285	0.189	0.194	1.357	1.178	0.970	1.184	1.077	1.043	0.971	0.944	1.193
FR1 n41_Ant 2 TX1	0.397	0.189	0.194	1.469	1.290	1.082	1.296	1.189	1.155	1.083	1.056	1.305
FR1 n48_Ant 2 Sub TX1	0.409	0.189	0.194	1.481	1.302	1.094	1.308	1.201	1.167	1.095	1.068	1.317
FR1 n66_Ant 2 TX1	0.489	0.189	0.194	1.561	1.382	1.174	1.388	1.281	1.247	1.175	1.148	1.397
FR1 n77_Ant 2 TX1	0.494	0.189	0.194	1.566	1.387	1.179	1.393	1.286	1.252	1.180	1.153	1.402
FR1 n77_Ant 2 Sub TX1	0.482	0.189	0.194	1.554	1.375	1.167	1.381	1.274	1.240	1.168	1.141	1.390

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	83.8	1.26	0.02	Not required
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	40.7	0.88	0.02	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	124.5	0.77	0.01	Not required
Bluetooth Ant 3	0.194	24.5	37.0	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	75.5	0.80	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	146.8	0.69	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 2	0.575	-25.5	-77.0	-207.0	123.7	0.76	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	54.0	0.31	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 3	0.194	24.5	37.0	-207.0	10.2	0.38	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 155>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	
	WWAN SAR	WLAN/6GHz Ant 4+3	Bluetooth Ant 4+3	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX	
Back	1g SAR (W/kg)			0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.278	0.525	
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	
	GSM1900_Ant 2 TX	0.491	0.189	0.243	1.612	1.433	1.225	1.439	1.332	1.298	1.226	1.199	1.448
	WCDMA 1_Ant 2 TX	0.407	0.189	0.243	1.528	1.349	1.141	1.355	1.248	1.214	1.142	1.115	1.384
	WCDMA 4_Ant 2 TX	0.575	0.189	0.243	1.696	1.517	1.309	1.523	1.416	1.382	1.310	1.283	1.532
	LTE Band 7_Ant 2 TX	0.550	0.189	0.243	1.671	1.492	1.284	1.498	1.391	1.357	1.285	1.258	1.507
	LTE Band 25_Ant 2 TX	0.497	0.189	0.243	1.618	1.439	1.231	1.445	1.338	1.304	1.232	1.205	1.454
	LTE Band 30_Ant 2 TX	0.389	0.189	0.243	1.510	1.331	1.123	1.337	1.230	1.196	1.124	1.097	1.346
	LTE Band 41_Ant 2 TX	0.402	0.189	0.243	1.523	1.344	1.136	1.350	1.243	1.209	1.137	1.110	1.359
	LTE Band 66_Ant 2 TX	0.448	0.189	0.243	1.569	1.390	1.182	1.396	1.289	1.255	1.183	1.156	1.405
	FR1 n7_Ant 2 TX	0.398	0.189	0.243	1.519	1.340	1.132	1.346	1.239	1.205	1.133	1.106	1.355
	FR1 n25_Ant 2 TX	0.446	0.189	0.243	1.567	1.388	1.180	1.394	1.287	1.253	1.181	1.154	1.403
	FR1 n30_Ant 2 TX	0.383	0.189	0.243	1.504	1.325	1.117	1.331	1.224	1.190	1.118	1.091	1.340
FR1 n38_Ant 2 TX	0.285	0.189	0.243	1.406	1.227	1.019	1.233	1.126	1.092	1.020	0.993	1.242	
FR1 n41_Ant 2 TX	0.397	0.189	0.243	1.518	1.339	1.131	1.345	1.238	1.204	1.132	1.105	1.354	
FR1 n48_Ant 2 TX	0.409	0.189	0.243	1.530	1.351	1.143	1.357	1.250	1.216	1.144	1.117	1.366	
FR1 n66_Ant 2 TX	0.489	0.189	0.243	1.616	1.431	1.223	1.437	1.330	1.296	1.224	1.197	1.446	
FR1 n70_Ant 2 TX	0.494	0.189	0.243	1.615	1.436	1.228	1.442	1.335	1.301	1.229	1.202	1.451	
FR1 n77_Ant 2 Sub TX	0.482	0.189	0.243	1.605	1.424	1.216	1.430	1.323	1.289	1.217	1.190	1.439	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.689	9.1	-0.7	-207.0	80.2	1.26	0.02	Not required
Max WWAN Ant 5	0.575	-23.5	-74.0	-207.0				
Max WWAN Ant 4	0.689	9.1	-0.7	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	92.4	0.93	0.01	Not required
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
Max WWAN Ant 2	0.575	-23.5	-74.0	-207.0	155.4	0.82	0.00	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
Max WWAN Ant 2	0.575	-23.5	-74.0	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	99.5	0.67	0.01	Not required
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	41.1	0.88	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Max WWAN Ant 2	0.575	-23.5	-74.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	143.7	0.69	0.00	Not required
Max WWAN Ant 2	0.575	-23.5	-74.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	120.2	0.76	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0	57.9	0.21	0.00	Not required
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0	63.7	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0	20.9	0.28	0.01	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
Bluetooth Ant 4+3(4)	0.243	-34.0	81.0	-207.0	75.9	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.095	10.5	19.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.113	-18.5	69.6	-207.0				
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0	44.5	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	14.7	40.0	-207.0				



<Case 156>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM1900_Ant 2 TX0	0.631	0.126	0.369	1.647	1.578	1.753
WCDMA_II_Ant 2 TX0	0.541	0.126	0.369	1.557	1.488	1.663
WCDMA_IV_Ant 2 TX0	0.655	0.126	0.369	1.671	1.602	1.777
LTE Band 7_Ant 2 TX0	0.563	0.126	0.369	1.579	1.510	1.685
LTE Band 25_Ant 2 TX0	0.641	0.126	0.369	1.657	1.588	1.763
LTE Band 30_Ant 2 TX0	0.569	0.126	0.369	1.585	1.516	1.691
LTE Band 41_Ant 2 TX0	0.644	0.126	0.369	1.660	1.591	1.766
LTE Band 66_Ant 2 TX0	0.607	0.126	0.369	1.623	1.554	1.729
FR1 n7_Ant 2 TX0	0.625	0.126	0.369	1.641	1.572	1.747
FR1 n25_Ant 2 TX0	0.654	0.126	0.369	1.670	1.601	1.776
FR1 n30_Ant 2 TX0	0.549	0.126	0.369	1.565	1.496	1.671
FR1 n38_Ant 2 TX0	0.456	0.126	0.369	1.472	1.403	1.578
FR1 n41_Ant 2 TX0	0.402	0.126	0.369	1.418	1.349	1.524
FR1 n48_Ant 2 Sub TX0	0.508	0.126	0.369	1.524	1.455	1.630
FR1 n66_Ant 2 TX0	0.660	0.126	0.369	1.676	1.607	1.782
FR1 n70_Ant 2 TX0	0.667	0.126	0.369	1.683	1.614	1.789
FR1 n77_Ant 2 Sub TX0	0.640	0.126	0.369	1.656	1.587	1.762

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.29	0.04	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	125.4	0.75	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	152.1	0.79	0.00	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	22.7	0.50	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	61.6	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 157>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM1900_Ant 2 TX0	0.631	0.054	0.369	1.575	1.506	1.681
WCDMA_II_Ant 2 TX0	0.541	0.054	0.369	1.485	1.416	1.591
WCDMA_IV_Ant 2 TX0	0.655	0.054	0.369	1.599	1.530	1.705
LTE Band 7_Ant 2 TX0	0.563	0.054	0.369	1.507	1.438	1.613
LTE Band 25_Ant 2 TX0	0.641	0.054	0.369	1.585	1.516	1.691
LTE Band 30_Ant 2 TX0	0.569	0.054	0.369	1.513	1.444	1.619
LTE Band 41_Ant 2 TX0	0.644	0.054	0.369	1.588	1.519	1.694
LTE Band 66_Ant 2 TX0	0.607	0.054	0.369	1.551	1.482	1.657
FR1 n7_Ant 2 TX0	0.625	0.054	0.369	1.569	1.500	1.675
FR1 n25_Ant 2 TX0	0.654	0.054	0.369	1.598	1.529	1.704
FR1 n30_Ant 2 TX0	0.549	0.054	0.369	1.493	1.424	1.599
FR1 n38_Ant 2 TX0	0.456	0.054	0.369	1.400	1.331	1.506
FR1 n41_Ant 2 TX0	0.402	0.054	0.369	1.346	1.277	1.452
FR1 n48_Ant 2 Sub TX0	0.508	0.054	0.369	1.452	1.383	1.558
FR1 n66_Ant 2 TX0	0.660	0.054	0.369	1.604	1.535	1.710
FR1 n70_Ant 2 TX0	0.667	0.054	0.369	1.611	1.542	1.717
FR1 n77_Ant 2 Sub TX0	0.640	0.054	0.369	1.584	1.515	1.690

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	38.5	1.29	0.04	Not required
Max WWAN Ant 2	0.667	-32.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	64.6	0.68	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 2	0.667	-32.5	-73.5	-207.0	102.3	0.72	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	76.6	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-32.5	-73.5	-207.0	113.7	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	83.8	0.42	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	12.3	0.36	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 158>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM1900_Ant 2 TX0	0.631	0.194	0.369	1.715	1.646	1.821
WCDMA_II_Ant 2 TX0	0.541	0.194	0.369	1.625	1.556	1.731
WCDMA_IV_Ant 2 TX0	0.655	0.194	0.369	1.739	1.670	1.845
LTE Band 7_Ant 2 TX0	0.563	0.194	0.369	1.647	1.578	1.753
LTE Band 25_Ant 2 TX0	0.641	0.194	0.369	1.725	1.656	1.831
LTE Band 30_Ant 2 TX0	0.569	0.194	0.369	1.653	1.584	1.759
LTE Band 41_Ant 2 TX0	0.644	0.194	0.369	1.728	1.659	1.834
LTE Band 66_Ant 2 TX0	0.607	0.194	0.369	1.691	1.622	1.797
FR1 n7_Ant 2 TX0	0.625	0.194	0.369	1.709	1.640	1.815
FR1 n25_Ant 2 TX0	0.654	0.194	0.369	1.738	1.669	1.844
FR1 n30_Ant 2 TX0	0.549	0.194	0.369	1.633	1.564	1.739
FR1 n38_Ant 2 TX0	0.456	0.194	0.369	1.540	1.471	1.646
FR1 n41_Ant 2 TX0	0.402	0.194	0.369	1.486	1.417	1.592
FR1 n48_Ant 2 Sub TX0	0.508	0.194	0.369	1.592	1.523	1.698
FR1 n66_Ant 2 TX0	0.660	0.194	0.369	1.744	1.675	1.850
FR1 n70_Ant 2 TX0	0.667	0.194	0.369	1.751	1.682	1.857
FR1 n77_Ant 2 Sub TX0	0.640	0.194	0.369	1.724	1.655	1.830

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.29	0.04	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	127.5	0.82	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	70.1	0.69	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	153.7	0.86	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	107.3	0.73	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	20.7	0.56	0.02	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	81.2	0.44	0.00	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	7.1	0.37	0.03	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 159>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.631	0.369	0.225	1.746	1.677	1.852
WCDMA_II_Ant 2 TX0	0.541	0.369	0.225	1.656	1.587	1.762
WCDMA_IV_Ant 2 TX0	0.655	0.369	0.225	1.770	1.701	1.876
LTE Band 7_Ant 2 TX0	0.563	0.369	0.225	1.678	1.609	1.784
LTE Band 25_Ant 2 TX0	0.641	0.369	0.225	1.756	1.687	1.862
LTE Band 30_Ant 2 TX0	0.569	0.369	0.225	1.684	1.615	1.790
LTE Band 41_Ant 2 TX0	0.644	0.369	0.225	1.759	1.690	1.865
LTE Band 66_Ant 2 TX0	0.607	0.369	0.225	1.722	1.653	1.828
FR1 n7_Ant 2 TX0	0.625	0.369	0.225	1.740	1.671	1.846
FR1 n25_Ant 2 TX0	0.654	0.369	0.225	1.769	1.700	1.875
FR1 n30_Ant 2 TX0	0.549	0.369	0.225	1.664	1.595	1.770
FR1 n38_Ant 2 TX0	0.456	0.369	0.225	1.571	1.502	1.677
FR1 n41_Ant 2 TX0	0.402	0.369	0.225	1.517	1.448	1.623
FR1 n48_Ant 2 Sub TX0	0.508	0.369	0.225	1.623	1.554	1.729
FR1 n66_Ant 2 TX0	0.660	0.369	0.225	1.775	1.706	1.881
FR1 n70_Ant 2 TX0	0.667	0.369	0.225	1.782	1.713	1.888
FR1 n77_Ant 2 Sub TX0	0.640	0.369	0.225	1.755	1.686	1.861

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.29	0.04	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.4	0.85	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	152.7	0.89	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	20.9	0.59	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 160>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.631	0.369	0.244	1.765	1.696	1.871
WCDMA II_Ant 2 TX0	0.541	0.369	0.244	1.675	1.606	1.781
WCDMA IV_Ant 2 TX0	0.655	0.369	0.244	1.789	1.720	1.895
LTE Band 7_Ant 2 TX0	0.563	0.369	0.244	1.697	1.628	1.803
LTE Band 25_Ant 2 TX0	0.641	0.369	0.244	1.775	1.706	1.881
LTE Band 30_Ant 2 TX0	0.569	0.369	0.244	1.703	1.634	1.809
LTE Band 41_Ant 2 TX0	0.644	0.369	0.244	1.778	1.709	1.884
LTE Band 66_Ant 2 TX0	0.607	0.369	0.244	1.741	1.672	1.847
FR1 n7_Ant 2 TX0	0.625	0.369	0.244	1.759	1.690	1.865
FR1 n25_Ant 2 TX0	0.654	0.369	0.244	1.788	1.719	1.894
FR1 n30_Ant 2 TX0	0.549	0.369	0.244	1.683	1.614	1.789
FR1 n38_Ant 2 TX0	0.456	0.369	0.244	1.590	1.521	1.696
FR1 n41_Ant 2 TX0	0.402	0.369	0.244	1.536	1.467	1.642
FR1 n48_Ant 2 Sub TX0	0.508	0.369	0.244	1.642	1.573	1.748
FR1 n66_Ant 2 TX0	0.660	0.369	0.244	1.794	1.725	1.900
FR1 n70_Ant 2 TX0	0.667	0.369	0.244	1.801	1.732	1.907
FR1 n77_Ant 2 Sub TX0	0.640	0.369	0.244	1.774	1.705	1.880

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.29	0.04	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	66.5	0.87	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	103.6	0.91	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	82.5	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 161>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.631	0.369	0.242	1.763	1.694	1.869
WCDMA_II_Ant 2 TX0	0.541	0.369	0.242	1.673	1.604	1.779
WCDMA_IV_Ant 2 TX0	0.655	0.369	0.242	1.787	1.718	1.893
LTE Band 7_Ant 2 TX0	0.563	0.369	0.242	1.695	1.626	1.801
LTE Band 25_Ant 2 TX0	0.641	0.369	0.242	1.773	1.704	1.879
LTE Band 30_Ant 2 TX0	0.569	0.369	0.242	1.701	1.632	1.807
LTE Band 41_Ant 2 TX0	0.644	0.369	0.242	1.776	1.707	1.882
LTE Band 66_Ant 2 TX0	0.607	0.369	0.242	1.739	1.670	1.845
FR1 n7_Ant 2 TX0	0.625	0.369	0.242	1.757	1.688	1.863
FR1 n25_Ant 2 TX0	0.654	0.369	0.242	1.786	1.717	1.892
FR1 n30_Ant 2 TX0	0.549	0.369	0.242	1.681	1.612	1.787
FR1 n38_Ant 2 TX0	0.456	0.369	0.242	1.588	1.519	1.694
FR1 n41_Ant 2 TX0	0.402	0.369	0.242	1.534	1.465	1.640
FR1 n48_Ant 2 Sub TX0	0.508	0.369	0.242	1.640	1.571	1.746
FR1 n66_Ant 2 TX0	0.660	0.369	0.242	1.792	1.723	1.898
FR1 n70_Ant 2 TX0	0.667	0.369	0.242	1.799	1.730	1.905
FR1 n77_Ant 2 Sub TX0	0.640	0.369	0.242	1.772	1.703	1.878

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.29	0.04	Not required
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.6	0.87	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	64.4	0.73	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	152.7	0.91	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	101.4	0.77	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 2	0.667	-23.3	-70.6	-207.0	149.3	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 2	0.667	-34.5	-73.5	-207.0	113.2	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	19.9	0.61	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	83.0	0.47	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	64.1	0.55	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	12.2	0.41	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	73.4	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 162>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.126	0.369	1.695	1.626	1.801
LTE Band 41_Ant 5 Sub TX1	0.541	0.126	0.369	1.557	1.488	1.663
LTE Band 66_Ant 5 Sub TX1	0.428	0.126	0.369	1.444	1.375	1.550
FR1 n25_Ant 5 Sub TX1	0.627	0.126	0.369	1.643	1.574	1.749
FR1 n38_Ant 5 Sub TX1	0.337	0.126	0.369	1.353	1.284	1.459
FR1 n41_Ant 5 Sub TX1	0.327	0.126	0.369	1.343	1.274	1.449
FR1 n48_Ant 5 Sub TX1	0.305	0.126	0.369	1.321	1.252	1.427
FR1 n66_Ant 5 Sub TX1	0.446	0.126	0.369	1.462	1.393	1.568
FR1 n77_Ant 5 Sub TX1	0.536	0.126	0.369	1.552	1.483	1.658

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	125.4	0.75	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	80.2	0.81	0.01	Not required
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	22.7	0.50	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4	0.126	-20.5	81.5	-207.0	61.6	0.43	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 163>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.054	0.369	1.623	1.554	1.729
LTE Band 41_Ant 5 Sub TX1	0.541	0.054	0.369	1.485	1.416	1.591
LTE Band 66_Ant 5 Sub TX1	0.428	0.054	0.369	1.372	1.303	1.478
FR1 n25_Ant 5 Sub TX1	0.627	0.054	0.369	1.571	1.502	1.677
FR1 n38_Ant 5 Sub TX1	0.337	0.054	0.369	1.281	1.212	1.387
FR1 n41_Ant 5 Sub TX1	0.327	0.054	0.369	1.271	1.202	1.377
FR1 n48_Ant 5 Sub TX1	0.305	0.054	0.369	1.249	1.180	1.355
FR1 n66_Ant 5 Sub TX1	0.446	0.054	0.369	1.390	1.321	1.496
FR1 n77_Ant 5 Sub TX1	0.536	0.054	0.369	1.480	1.411	1.586

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	40.5	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-53.9	0.4	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	64.6	0.68	0.01	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	23.6	0.73	0.03	Not required
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-54.5	-40.0	-207.0	76.6	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	91.6	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	34.5	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	83.8	0.42	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 3	0.054	-63.5	24.0	-207.0	12.3	0.36	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 164>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.194	0.369	1.763	1.694	1.869
LTE Band 41_Ant 5 Sub TX1	0.541	0.194	0.369	1.625	1.556	1.731
LTE Band 66_Ant 5 Sub TX1	0.428	0.194	0.369	1.512	1.443	1.618
FR1 n25_Ant 5 Sub TX1	0.627	0.194	0.369	1.711	1.642	1.817
FR1 n38_Ant 5 Sub TX1	0.337	0.194	0.369	1.421	1.352	1.527
FR1 n41_Ant 5 Sub TX1	0.327	0.194	0.369	1.411	1.342	1.517
FR1 n48_Ant 5 Sub TX1	0.305	0.194	0.369	1.389	1.320	1.495
FR1 n66_Ant 5 Sub TX1	0.446	0.194	0.369	1.530	1.461	1.636
FR1 n77_Ant 5 Sub TX1	0.536	0.194	0.369	1.620	1.551	1.726

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	127.5	0.82	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	70.1	0.69	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	82.6	0.87	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	24.6	0.75	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	20.7	0.56	0.02	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	81.2	0.44	0.00	Not required
WLAN5G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	64.4	0.50	0.01	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0	7.1	0.37	0.03	Not required
WLAN5G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.194	-18.0	83.0	-207.0	70.9	0.26	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.067	-64.5	29.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 165>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.369	0.225	1.794	1.725	1.900
LTE Band 41_Ant 5 Sub TX1	0.541	0.369	0.225	1.656	1.587	1.762
LTE Band 66_Ant 5 Sub TX1	0.428	0.369	0.225	1.543	1.474	1.649
FR1 n25_Ant 5 Sub TX1	0.627	0.369	0.225	1.742	1.673	1.848
FR1 n38_Ant 5 Sub TX1	0.337	0.369	0.225	1.452	1.383	1.558
FR1 n41_Ant 5 Sub TX1	0.327	0.369	0.225	1.442	1.373	1.548
FR1 n48_Ant 5 Sub TX1	0.305	0.369	0.225	1.420	1.351	1.526
FR1 n66_Ant 5 Sub TX1	0.446	0.369	0.225	1.561	1.492	1.667
FR1 n77_Ant 5 Sub TX1	0.536	0.369	0.225	1.651	1.582	1.757

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.4	0.85	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.4	0.90	0.01	Not required
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	20.9	0.59	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4	0.225	-18.5	82.0	-207.0	63.4	0.53	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 166>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.369	0.244	1.813	1.744	1.919
LTE Band 41_Ant 5 Sub TX1	0.541	0.369	0.244	1.675	1.606	1.781
LTE Band 66_Ant 5 Sub TX1	0.428	0.369	0.244	1.562	1.493	1.668
FR1 n25_Ant 5 Sub TX1	0.627	0.369	0.244	1.761	1.692	1.867
FR1 n38_Ant 5 Sub TX1	0.337	0.369	0.244	1.471	1.402	1.577
FR1 n41_Ant 5 Sub TX1	0.327	0.369	0.244	1.461	1.392	1.567
FR1 n48_Ant 5 Sub TX1	0.305	0.369	0.244	1.439	1.370	1.545
FR1 n66_Ant 5 Sub TX1	0.446	0.369	0.244	1.580	1.511	1.686
FR1 n77_Ant 5 Sub TX1	0.536	0.369	0.244	1.670	1.601	1.776

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	66.5	0.87	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	21.1	0.92	0.04	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	82.5	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0	10.3	0.55	0.04	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 167>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)			0.521	0.452	0.627
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.369	0.242	1.811	1.742	1.917
LTE Band 41_Ant 5 Sub TX1	0.541	0.369	0.242	1.673	1.604	1.779
LTE Band 66_Ant 5 Sub TX1	0.428	0.369	0.242	1.560	1.491	1.666
FR1 n25_Ant 5 Sub TX1	0.627	0.369	0.242	1.759	1.690	1.865
FR1 n38_Ant 5 Sub TX1	0.337	0.369	0.242	1.469	1.400	1.575
FR1 n41_Ant 5 Sub TX1	0.327	0.369	0.242	1.459	1.390	1.565
FR1 n48_Ant 5 Sub TX1	0.305	0.369	0.242	1.437	1.368	1.543
FR1 n66_Ant 5 Sub TX1	0.446	0.369	0.242	1.578	1.509	1.684
FR1 n77_Ant 5 Sub TX1	0.536	0.369	0.242	1.668	1.599	1.774

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.6	0.87	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	64.4	0.73	0.01	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.9	0.92	0.01	Not required
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	18.9	0.78	0.04	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	128.2	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	76.5	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	87.4	1.05	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	29.9	0.98	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	19.9	0.61	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	83.0	0.47	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	64.1	0.55	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0	12.2	0.41	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				
Bluetooth Ant 4+3(4)	0.242	-17.5	82.0	-207.0	73.4	0.34	0.00	Not required
Bluetooth Ant 4+3(3)	0.102	-62.5	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	1.7	76.6	-207.0	75.7	0.67	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.304	-62.3	36.2	-207.0				



<Case 168>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.185	0.189	1.563	1.515	1.633
LTE Band 41_Ant 5 Sub TX1	0.510	0.185	0.189	1.384	1.336	1.454
LTE Band 66_Ant 5 Sub TX1	0.302	0.185	0.189	1.176	1.128	1.246
FR1 n25_Ant 5 Sub TX1	0.516	0.185	0.189	1.390	1.342	1.460
FR1 n38_Ant 5 Sub TX1	0.409	0.185	0.189	1.283	1.235	1.353
FR1 n41_Ant 5 Sub TX1	0.375	0.185	0.189	1.249	1.201	1.319
FR1 n48_Ant 5 Sub TX1	0.303	0.185	0.189	1.177	1.129	1.247
FR1 n66_Ant 5 Sub TX1	0.276	0.185	0.189	1.150	1.102	1.220
FR1 n77_Ant 5 Sub TX1	0.525	0.185	0.189	1.399	1.351	1.469

SAR peak location (mm)			X (axis)		10.5	14.7	0.5	-0.5	1
			Y (axis)		22	40	-58	-55	-57
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.185	0.189			0.04
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.185	0.189			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.185	0.189			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.185	0.189			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.185	0.189			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.185	0.189			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.185	0.189			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.185	0.189			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.185	0.189			



<Case 169>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.189	0.201	1.579	1.531	1.649
LTE Band 41_Ant 5 Sub TX1	0.510	0.189	0.201	1.400	1.352	1.470
LTE Band 66_Ant 5 Sub TX1	0.302	0.189	0.201	1.192	1.144	1.262
FR1 n25_Ant 5 Sub TX1	0.516	0.189	0.201	1.406	1.358	1.476
FR1 n38_Ant 5 Sub TX1	0.409	0.189	0.201	1.299	1.251	1.369
FR1 n41_Ant 5 Sub TX1	0.375	0.189	0.201	1.265	1.217	1.335
FR1 n48_Ant 5 Sub TX1	0.303	0.189	0.201	1.193	1.145	1.263
FR1 n66_Ant 5 Sub TX1	0.276	0.189	0.201	1.166	1.118	1.236
FR1 n77_Ant 5 Sub TX1	0.525	0.189	0.201	1.415	1.367	1.485

SAR peak location (mm)			X (axis)		14.7	-29.5	0.5	-0.5	1
			Y (axis)		40	82	-58	-55	-57
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.189	0.201			0.04
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.189	0.201			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.189	0.201			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.189	0.201			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.189	0.201			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.189	0.201			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.189	0.201			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.189	0.201			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.189	0.201			



<Case 170>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.189	0.194	1.572	1.524	1.642
LTE Band 41_Ant 5 Sub TX1	0.510	0.189	0.194	1.393	1.345	1.463
LTE Band 66_Ant 5 Sub TX1	0.302	0.189	0.194	1.185	1.137	1.255
FR1 n25_Ant 5 Sub TX1	0.516	0.189	0.194	1.399	1.351	1.469
FR1 n38_Ant 5 Sub TX1	0.409	0.189	0.194	1.292	1.244	1.362
FR1 n41_Ant 5 Sub TX1	0.375	0.189	0.194	1.258	1.210	1.328
FR1 n48_Ant 5 Sub TX1	0.303	0.189	0.194	1.186	1.138	1.256
FR1 n66_Ant 5 Sub TX1	0.276	0.189	0.194	1.159	1.111	1.229
FR1 n77_Ant 5 Sub TX1	0.525	0.189	0.194	1.408	1.360	1.478

SAR peak location (mm)			X (axis)		14.7	24.5	0.5	-0.5	1
			Y (axis)		40	37	-58	-55	-57
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
			Back	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			1g SAR (W/kg)				0.5	0.452	0.57
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.189	0.194			0.04
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.189	0.194			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.189	0.194			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.189	0.194			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.189	0.194			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.189	0.194			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.189	0.194			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.189	0.194			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.189	0.194			



<Case 171>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.500	0.452	0.570
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.189	0.243	1.621	1.573	1.691
LTE Band 41_Ant 5 Sub TX1	0.510	0.189	0.243	1.442	1.394	1.512
LTE Band 66_Ant 5 Sub TX1	0.302	0.189	0.243	1.234	1.186	1.304
FR1 n25_Ant 5 Sub TX1	0.516	0.189	0.243	1.448	1.400	1.518
FR1 n38_Ant 5 Sub TX1	0.409	0.189	0.243	1.341	1.293	1.411
FR1 n41_Ant 5 Sub TX1	0.375	0.189	0.243	1.307	1.259	1.377
FR1 n48_Ant 5 Sub TX1	0.303	0.189	0.243	1.235	1.187	1.305
FR1 n66_Ant 5 Sub TX1	0.276	0.189	0.243	1.208	1.160	1.278
FR1 n77_Ant 5 Sub TX1	0.525	0.189	0.243	1.457	1.409	1.527

SAR peak location (mm)			X (axis)		14.7	10.5	0.5	-0.5	1
			Y (axis)		40	19.5	-58	-55	-57
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.189	0.243			
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.189	0.243			
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.189	0.243			
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.189	0.243			
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.189	0.243			
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.189	0.243			
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.189	0.243			
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.189	0.243			
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.189	0.243			



FCC SAR TEST REPORT

Report No. :FA4N0920C

<Case 172>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	SAR (W/kg)																
	0	1	7	9	10	11	12	13	14	15	16	17					
Left Cheek	WLAN SAR	WLAN/5G/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FRI n25_Ant 5 Sub TX	FRI n38_Ant 5 Sub TX	FRI n41_Ant 5 Sub TX	FRI n48_Ant 5 Sub TX	FRI n66_Ant 5 Sub TX	FRI n77_Ant 5 Sub TX					
	1g SAR (W/kg)			0.833	0.571	0.776	0.622	0.661	0.643	0.617	0.504	0.796					
GSM850_Ant 0 T10	0.358	0.147	0.152	1.450	1.228	1.433	1.279	1.318	1.300	1.474	1.161	1.453					
WCMA_V_Ant 0 T10	0.263	0.147	0.152	1.395	1.133	1.338	1.184	1.223	1.205	1.379	1.066	1.358					
LTE Band 12_Ant 0 T10	0.178	0.147	0.152	1.310	1.048	1.253	1.099	1.138	1.120	1.294	0.981	1.273					
LTE Band 13_Ant 0 T10	0.285	0.147	0.152	1.417	1.155	1.360	1.206	1.245	1.227	1.401	1.088	1.380					
LTE Band 14_Ant 0 T10	0.273	0.147	0.152	1.405	1.143	1.348	1.194	1.233	1.215	1.389	1.076	1.368					
LTE Band 25_Ant 0 Sub T10	0.475	0.147	0.152	1.607	1.345	1.550	1.435	1.474	1.457	1.591	1.278	1.570					
LTE Band 26_Ant 0 T10	0.292	0.147	0.152	1.424	1.162	1.367	1.213	1.252	1.234	1.408	1.095	1.387					
LTE Band 41_Ant 0 Sub T10	0.206	0.147	0.152	1.338	1.076	1.281	1.127	1.166	1.148	1.322	1.009	1.301					
LTE Band 66_Ant 0 Sub T10	0.378	0.147	0.152	1.510	1.248	1.453	1.299	1.338	1.320	1.494	1.181	1.473					
LTE Band 71_Ant 0 T10	0.182	0.147	0.152	1.314	1.052	1.257	1.103	1.142	1.124	1.298	0.985	1.277					
FRI n14_Ant 0 T10	0.183	0.147	0.152	1.315	1.053	1.258	1.104	1.143	1.125	1.299	0.986	1.278					
FRI n14_Ant 0 Sub T10	0.293	0.147	0.152	1.425	1.163	1.368	1.214	1.253	1.235	1.409	1.096	1.388					
FRI n25_Ant 0 Sub T10	0.451	0.147	0.152	1.583	1.321	1.526	1.372	1.411	1.393	1.567	1.254	1.546					
FRI n38_Ant 0 T10	0.316	0.147	0.152	1.448	1.186	1.391	1.237	1.276	1.258	1.432	1.119	1.411					
FRI n38_Ant 0 Sub T10	0.276	0.147	0.152	1.408	1.146	1.351	1.197	1.236	1.218	1.392	1.079	1.371					
FRI n41_Ant 0 Sub T10	0.187	0.147	0.152	1.319	1.057	1.262	1.108	1.147	1.129	1.303	0.990	1.282					
FRI n48_Ant 0 Sub T10	0.351	0.147	0.152	1.483	1.221	1.426	1.272	1.311	1.293	1.467	1.154	1.446					
FRI n77_Ant 0 T10	0.185	0.147	0.152	1.317	1.055	1.260	1.106	1.145	1.127	1.301	0.988	1.280					

SAR peak location (mm)	X (mm)																			
	0																			
	318.5																			
	-173.6																			
X (mm)	Y (mm)	Z (mm)	Exposure Position	SAR (W/kg)																
				1g SAR (W/kg)																
				0	1	7	9	10	11	12	13	14	15	16	17					
				WLAN SAR	WLAN/5G/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FRI n25_Ant 5 Sub TX	FRI n38_Ant 5 Sub TX	FRI n41_Ant 5 Sub TX	FRI n48_Ant 5 Sub TX	FRI n66_Ant 5 Sub TX	FRI n77_Ant 5 Sub TX					
38.6	288.8	-176.5	GSM850_Ant 0 T10	0.358	0.147	0.152														
46.7	288.8	-176.2	WCMA_V_Ant 0 T10	0.263	0.147	0.152														
52.1	288.3	-176.6	LTE Band 12_Ant 0 T10	0.178	0.147	0.152														
32.7	288.8	-176.5	LTE Band 13_Ant 0 T10	0.285	0.147	0.152														
35.5	288.1	-176.4	LTE Band 14_Ant 0 T10	0.273	0.147	0.152														
32.7	256.6	-176.5	LTE Band 25_Ant 0 Sub T10	0.475	0.147	0.152		0.04												
46.9	272.4	-176.4	LTE Band 26_Ant 0 T10	0.292	0.147	0.152														
56.9	242.1	-172.8	LTE Band 41_Ant 0 Sub T10	0.206	0.147	0.152														
32.3	256.5	-176.5	LTE Band 66_Ant 0 Sub T10	0.378	0.147	0.152														
56.8	286.1	-176.4	LTE Band 71_Ant 0 T10	0.182	0.147	0.152														
54.4	264.2	-175.7	FRI n12_Ant 0 T10	0.183	0.147	0.152														
42.2	287.6	-176.7	FRI n14_Ant 0 T10	0.293	0.147	0.152														
46.7	248.7	-175.2	FRI n25_Ant 0 Sub T10	0.451	0.147	0.152														
40.9	285.3	-176.5	FRI n38_Ant 0 T10	0.316	0.147	0.152														
62.5	242.3	-172	FRI n41_Ant 0 Sub T10	0.276	0.147	0.152														
61.9	226.4	-175.9	FRI n48_Ant 0 Sub T10	0.351	0.147	0.152														
38	251.3	-177.1	FRI n77_Ant 0 Sub T10	0.206	0.147	0.152														
54.9	262.2	-175.5	FRI n77_Ant 0 T10	0.185	0.147	0.152														

<Case 173>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	SAR (W/kg)																
	0	1	7	9	10	11	12	13	14	15	16	17					
Left Cheek	WLAN SAR	WLAN/5G/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FRI n25_Ant 5 Sub TX	FRI n38_Ant 5 Sub TX	FRI n41_Ant 5 Sub TX	FRI n48_Ant 5 Sub TX	FRI n66_Ant 5 Sub TX	FRI n77_Ant 5 Sub TX					
	1g SAR (W/kg)			0.833	0.571	0.776	0.622	0.661	0.643	0.617	0.504	0.796					
GSM850_Ant 0 T10	0.358	0.147	0.157	1.535	1.273	1.479	1.324	1.363	1.345	1.519	1.206	1.498					
WCMA_V_Ant 0 T10	0.263	0.147	0.157	1.440	1.178	1.383	1.229	1.268	1.250	1.424	1.111	1.403					
LTE Band 12_Ant 0 T10	0.178	0.147	0.157	1.355	1.093	1.298	1.144	1.183	1.165	1.339	1.026	1.318					
LTE Band 13_Ant 0 T10	0.285	0.147	0.157	1.462	1.200	1.405	1.251	1.290	1.272	1.446	1.133	1.425					
LTE Band 14_Ant 0 T10	0.273	0.147	0.157	1.450	1.188	1.393	1.239	1.278	1.260	1.434	1.121	1.413					
LTE Band 25_Ant 0 Sub T10	0.475	0.147	0.157	1.652	1.390	1.595	1.441	1.480	1.462	1.636	1.323	1.615					
LTE Band 26_Ant 0 T10	0.292	0.147	0.157	1.469	1.207	1.412	1.258	1.297	1.279	1.453	1.140	1.432					
LTE Band 41_Ant 0 Sub T10	0.206	0.147	0.157	1.383	1.121	1.326	1.172	1.193	1.187	1.367	1.054	1.346					
LTE Band 66_Ant 0 Sub T10	0.378	0.147	0.157	1.555	1.293	1.498	1.344	1.383	1.365	1.539	1.226	1.518					
LTE Band 71_Ant 0 T10	0.182	0.147	0.157	1.359	1.097	1.302	1.148	1.187	1.169	1.343	1.030	1.322					
FRI n14_Ant 0 T10	0.183	0.147	0.157	1.360	1.098	1.303	1.149	1.188	1.170	1.344	1.031	1.323					
FRI n14_Ant 0 Sub T10	0.293	0.147	0.157	1.470	1.209	1.413	1.259	1.298	1.280	1.454	1.141	1.433					
FRI n25_Ant 0 Sub T10	0.451	0.147	0.157	1.639	1.365	1.571	1.417	1.456	1.438	1.612	1.299	1.591					
FRI n38_Ant 0 T10	0.316	0.147	0.157	1.483	1.231	1.438	1.282	1.321	1.303	1.477	1.164	1.456					
FRI n38_Ant 0 Sub T10	0.276	0.147	0.157	1.443	1.191	1.398	1.242	1.281	1.263	1.437	1.124	1.416					
FRI n41_Ant 0 Sub T10	0.187	0.147	0.157	1.364	1.102	1.307	1.153	1.192	1.174	1.346	1.035	1.327					
FRI n48_Ant 0 Sub T10	0.351	0.147	0.157	1.528	1.256	1.471	1.317	1.356	1.338	1.512	1.199	1.491					
FRI n77_Ant 0 T10	0.185	0.147	0.157	1.382	1.100	1.305	1.151	1.190	1.172	1.346	1.033	1.325					

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WLAN Ant 0 + Max WLAN Ant 5 + Bluetooth Ant 3 + WLAN/5G/6G Ant 4+3(3)	1.506	39.7	295.6	-176.5				
WLAN/5G/6G Ant 4+3(4)	0.147	8.6	331.8	-174.1	47.8	1.65	0.04	



<Case 174>

SPLSR calculation for summation SAR>1.6W/kg

Large data table for Case 174 showing SAR values across various frequency bands and antenna configurations.

Summary table for Case 174 showing SAR peak locations (X, Y, Z), 3D distance, Summed SAR, SPLSR Results, and Simultaneous SAR for various antenna combinations.

<Case 175>

SPLSR calculation for summation SAR>1.6W/kg

Large data table for Case 175 showing SAR values across various frequency bands and antenna configurations.

Summary table for Case 175 showing SAR peak locations (X, Y, Z), 3D distance, Summed SAR, SPLSR Results, and Simultaneous SAR for various antenna combinations.

<Case 176>

SPLSR calculation for summation SAR>1.6W/kg

Large data table for Case 176 showing SAR values across various frequency bands and antenna configurations.

Summary table for Case 176 showing SAR peak locations (X, Y, Z), 3D distance, Summed SAR, SPLSR Results, and Simultaneous SAR for various antenna combinations.



<Case 177>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Frequency, Power, and SAR values for various antenna combinations.

Summary table for Case 177 showing SAR, SAR peak location (X, Y, Z), 3D distance, Summed SAR, SPLSR Results, and Simultaneous SAR for Max WWAN Ant 1, Max WWAN Ant 0, Bluetooth Ant 4, and Max WWAN Ant 4.

<Case 178>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Frequency, Power, and SAR values for various antenna combinations.

Summary table for Case 178 showing SAR, SAR peak location (X, Y, Z), 3D distance, Summed SAR, SPLSR Results, and Simultaneous SAR for Max WWAN Ant 1, Max WWAN Ant 0, Max WWAN Ant 1, Bluetooth Ant 4+3(4), Bluetooth Ant 4+3(3), and Bluetooth Ant 4+3(4).

<Case 179>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, Frequency, Power, and SAR values for various antenna combinations.

Summary table for Case 179 showing SAR, SAR peak location (X, Y, Z), 3D distance, Summed SAR, SPLSR Results, and Simultaneous SAR for Max WWAN Ant 0 + Max WWAN Ant 2 and Bluetooth Ant 4.



<Case 180>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, SAR (W/kg), and 25 columns of SAR values for various antenna combinations (e.g., WWAN SAR, Bluetooth Ant 4+3, GSM192, etc.).

Summary table for Case 180:
Combination: Max WWAN Ant 0 + Max WWAN Ant 2, Bluetooth Ant 4+3
SAR: 1.345, 0.705
SAR peak location (mm): X: -59.5, Y: -46.0, Z: -207.0
3D distance (mm): 72.1
Summed SAR (W/kg): 2.05
SPLSR Results: 0.04
Simultaneous SAR: Not required

<Case 181>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, SAR (W/kg), and 25 columns of SAR values for various antenna combinations (e.g., WWAN SAR, Bluetooth Ant 4, GSM192, etc.).

Table with columns: SAR max combination, Exposure Position, and 25 columns of SAR values for various antenna combinations (e.g., WWAN SAR, Bluetooth Ant 4, GSM192, etc.).

<Case 182>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, SAR (W/kg), and 25 columns of SAR values for various antenna combinations (e.g., WWAN SAR, Bluetooth Ant 4+3, GSM192, etc.).

Summary table for Case 182:
Combination: Max WWAN Ant 0 + Max WWAN Ant 2, Bluetooth Ant 4+3
SAR: 1.152, 0.616
SAR peak location (mm): X: 11.3, Y: -44.5, Z: -207.0
3D distance (mm): 64.0
Summed SAR (W/kg): 1.77
SPLSR Results: 0.04
Simultaneous SAR: Not required



<Case 183>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Front	1g SAR (W/kg)		0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.536
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM850_Ant 0 TXD	0.540	0.619	1.838	1.700	1.587	1.786	1.486	1.486	1.464	1.695	1.695
WCDMA V_Ant 0 TXD	0.548	0.619	1.846	1.708	1.595	1.794	1.504	1.494	1.472	1.613	1.703
LTE Band 12_Ant 0 TXD	0.414	0.619	1.712	1.574	1.461	1.660	1.370	1.360	1.338	1.479	1.569
LTE Band 13_Ant 0 TXD	0.662	0.619	1.960	1.822	1.709	1.908	1.618	1.608	1.586	1.727	1.817
LTE Band 14_Ant 0 TXD	0.648	0.619	1.947	1.809	1.696	1.895	1.605	1.595	1.573	1.714	1.804
LTE Band 25_Ant 0 Sub TXD	0.662	0.619	1.960	1.822	1.709	1.908	1.618	1.608	1.586	1.727	1.817
LTE Band 26_Ant 0 TXD	0.493	0.619	1.791	1.653	1.540	1.739	1.449	1.439	1.417	1.558	1.648
LTE Band 41_Ant 0 Sub TXD	0.665	0.619	1.963	1.825	1.712	1.911	1.621	1.611	1.589	1.730	1.820
LTE Band 66_Ant 0 Sub TXD	0.667	0.619	1.965	1.827	1.714	1.913	1.623	1.613	1.591	1.732	1.822
LTE Band 71_Ant 0 TXD	0.543	0.619	1.841	1.703	1.590	1.789	1.489	1.489	1.467	1.608	1.698
FR1 n12_Ant 0 TXD	0.428	0.619	1.728	1.588	1.475	1.674	1.384	1.374	1.352	1.493	1.583
FR1 n14_Ant 0 TXD	0.658	0.619	1.956	1.818	1.705	1.904	1.614	1.604	1.582	1.723	1.813
FR1 n25_Ant 0 Sub TXD	0.671	0.619	1.969	1.831	1.718	1.917	1.627	1.617	1.595	1.736	1.826
FR1 n26_Ant 0 TXD	0.555	0.619	1.853	1.715	1.602	1.801	1.511	1.501	1.479	1.620	1.710
FR1 n38_Ant 0 Sub TXD	0.591	0.619	1.889	1.751	1.638	1.837	1.547	1.537	1.515	1.656	1.746
FR1 n41_Ant 0 Sub TXD	0.527	0.619	1.825	1.687	1.574	1.773	1.483	1.473	1.451	1.592	1.682
FR1 n66_Ant 0 Sub TXD	0.661	0.619	1.959	1.821	1.708	1.907	1.617	1.607	1.585	1.726	1.816
FR1 n71_Ant 0 TXD	0.543	0.619	1.841	1.703	1.590	1.789	1.489	1.489	1.467	1.608	1.698

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0	81.4	1.30	0.02	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	134.4	1.29	0.01	Not required
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0				

<Case 184>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Front	1g SAR (W/kg)		0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.536
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM850_Ant 0 TXD	0.540	0.705	1.924	1.786	1.673	1.872	1.582	1.572	1.550	1.691	1.781
WCDMA V_Ant 0 TXD	0.548	0.705	1.932	1.794	1.681	1.880	1.590	1.580	1.558	1.699	1.789
LTE Band 12_Ant 0 TXD	0.414	0.705	1.798	1.660	1.547	1.746	1.456	1.446	1.424	1.565	1.655
LTE Band 13_Ant 0 TXD	0.662	0.705	2.046	1.908	1.795	1.994	1.704	1.694	1.672	1.813	1.903
LTE Band 14_Ant 0 TXD	0.648	0.705	2.033	1.895	1.782	1.981	1.691	1.681	1.659	1.800	1.890
LTE Band 25_Ant 0 Sub TXD	0.662	0.705	2.046	1.908	1.795	1.994	1.704	1.694	1.672	1.813	1.903
LTE Band 26_Ant 0 TXD	0.493	0.705	1.877	1.739	1.626	1.825	1.535	1.525	1.503	1.644	1.734
LTE Band 41_Ant 0 Sub TXD	0.665	0.705	2.049	1.911	1.798	1.997	1.707	1.697	1.675	1.816	1.906
LTE Band 66_Ant 0 Sub TXD	0.667	0.705	2.051	1.913	1.800	1.999	1.709	1.699	1.677	1.818	1.908
LTE Band 71_Ant 0 TXD	0.543	0.705	1.927	1.789	1.676	1.875	1.585	1.575	1.553	1.694	1.784
FR1 n12_Ant 0 TXD	0.428	0.705	1.812	1.674	1.561	1.760	1.470	1.460	1.438	1.579	1.669
FR1 n14_Ant 0 TXD	0.658	0.705	2.042	1.904	1.791	1.990	1.700	1.690	1.668	1.809	1.899
FR1 n25_Ant 0 Sub TXD	0.671	0.705	2.055	1.917	1.804	2.003	1.713	1.703	1.681	1.822	1.912
FR1 n26_Ant 0 TXD	0.555	0.705	1.939	1.801	1.688	1.887	1.597	1.587	1.565	1.706	1.796
FR1 n38_Ant 0 Sub TXD	0.591	0.705	1.975	1.837	1.724	1.923	1.633	1.623	1.601	1.742	1.832
FR1 n41_Ant 0 Sub TXD	0.527	0.705	1.911	1.773	1.660	1.859	1.569	1.559	1.537	1.678	1.768
FR1 n66_Ant 0 Sub TXD	0.661	0.705	2.045	1.907	1.794	1.993	1.703	1.693	1.671	1.812	1.902
FR1 n71_Ant 0 TXD	0.543	0.705	1.927	1.789	1.676	1.875	1.585	1.575	1.553	1.694	1.784

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	40.6	1.35	0.04	Not required
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0				
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0	81.9	1.38	0.02	Not required
Max WWAN Ant 5	0.679	-54.5	7.0	-207.0	20.6	0.94	0.04	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	134.7	1.38	0.01	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0				
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0	72.1	0.93	0.01	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 0	0.671	-59.5	-46.0	-207.0	71.8	0.96	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				



<Case 185>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Back	1g SAR (W/kg)										
			0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.276	0.525
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM850_Ant 0 TXD	0.467	0.486	1.672	1.493	1.285	1.499	1.392	1.358	1.286	1.259	1.508
WCDMA V_Ant 0 TXD	0.370	0.486	1.545	1.366	1.158	1.372	1.265	1.231	1.159	1.132	1.381
LTE Band 12_Ant 0 TXD	0.264	0.486	1.439	1.260	1.052	1.266	1.159	1.125	1.053	1.026	1.275
LTE Band 13_Ant 0 TXD	0.427	0.486	1.602	1.423	1.215	1.429	1.322	1.288	1.216	1.189	1.438
LTE Band 14_Ant 0 TXD	0.427	0.486	1.602	1.423	1.215	1.429	1.322	1.288	1.216	1.189	1.438
LTE Band 25_Ant 0 Sub TXD	0.540	0.486	1.715	1.536	1.328	1.542	1.435	1.401	1.329	1.302	1.551
LTE Band 26_Ant 0 TXD	0.389	0.486	1.564	1.385	1.177	1.391	1.284	1.250	1.178	1.151	1.400
LTE Band 41_Ant 0 Sub TXD	0.564	0.486	1.739	1.560	1.352	1.566	1.459	1.425	1.353	1.326	1.575
LTE Band 66_Ant 0 Sub TXD	0.416	0.486	1.591	1.412	1.204	1.418	1.311	1.277	1.205	1.178	1.427
LTE Band 71_Ant 0 TXD	0.340	0.486	1.515	1.336	1.128	1.342	1.235	1.201	1.129	1.102	1.351
FR1 n12_Ant 0 TXD	0.271	0.486	1.448	1.267	1.059	1.273	1.166	1.132	1.060	1.033	1.282
FR1 n14_Ant 0 TXD	0.428	0.486	1.603	1.424	1.216	1.430	1.323	1.289	1.217	1.190	1.439
FR1 n25_Ant 0 Sub TXD	0.497	0.486	1.672	1.493	1.285	1.499	1.392	1.358	1.286	1.259	1.508
FR1 n38_Ant 0 TXD	0.389	0.486	1.564	1.385	1.177	1.391	1.284	1.250	1.178	1.151	1.400
FR1 n38_Ant 0 Sub TXD	0.467	0.486	1.642	1.463	1.255	1.469	1.362	1.328	1.256	1.229	1.478
FR1 n41_Ant 0 Sub TXD	0.434	0.486	1.609	1.430	1.222	1.436	1.329	1.295	1.223	1.196	1.445
FR1 n66_Ant 0 Sub TXD	0.411	0.486	1.586	1.407	1.199	1.413	1.306	1.272	1.200	1.173	1.422
FR1 n71_Ant 0 TXD	0.359	0.486	1.534	1.355	1.147	1.361	1.254	1.220	1.148	1.121	1.370

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	43.9	1.25	0.03	Not required
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	91.3	1.18	0.01	Not required
Bluetooth Ant 4	0.486	-29.5	82.0	-207.0				
Max WWAN Ant 0	0.564	11.3	-44.5	-207.0	132.9	1.05	0.01	Not required
Bluetooth Ant 4	0.486	-29.5	82.0	-207.0				

<Case 186>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX	FR1 n38_Ant 5 Sub TX	FR1 n41_Ant 5 Sub TX	FR1 n48_Ant 5 Sub TX	FR1 n66_Ant 5 Sub TX	FR1 n77_Ant 5 Sub TX
Back	1g SAR (W/kg)										
			0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.276	0.525
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM850_Ant 0 TXD	0.467	0.656	1.842	1.663	1.455	1.669	1.562	1.528	1.456	1.429	1.678
WCDMA V_Ant 0 TXD	0.370	0.656	1.715	1.536	1.328	1.542	1.435	1.401	1.329	1.302	1.551
LTE Band 12_Ant 0 TXD	0.264	0.656	1.609	1.430	1.222	1.436	1.329	1.295	1.223	1.196	1.445
LTE Band 13_Ant 0 TXD	0.427	0.656	1.772	1.593	1.385	1.599	1.492	1.458	1.386	1.359	1.608
LTE Band 14_Ant 0 TXD	0.427	0.656	1.772	1.593	1.385	1.599	1.492	1.458	1.386	1.359	1.608
LTE Band 25_Ant 0 Sub TXD	0.540	0.656	1.985	1.796	1.498	1.712	1.605	1.571	1.499	1.472	1.721
LTE Band 26_Ant 0 TXD	0.389	0.656	1.734	1.555	1.347	1.561	1.454	1.420	1.348	1.321	1.570
LTE Band 41_Ant 0 Sub TXD	0.564	0.656	1.909	1.720	1.522	1.736	1.629	1.595	1.523	1.496	1.745
LTE Band 66_Ant 0 Sub TXD	0.416	0.656	1.761	1.582	1.374	1.588	1.481	1.447	1.375	1.348	1.597
LTE Band 71_Ant 0 TXD	0.340	0.656	1.685	1.506	1.298	1.512	1.405	1.371	1.299	1.272	1.521
FR1 n12_Ant 0 TXD	0.271	0.656	1.616	1.437	1.229	1.443	1.336	1.302	1.230	1.203	1.452
FR1 n14_Ant 0 TXD	0.428	0.656	1.773	1.594	1.386	1.600	1.493	1.459	1.387	1.360	1.609
FR1 n25_Ant 0 Sub TXD	0.497	0.656	1.942	1.763	1.455	1.669	1.562	1.528	1.456	1.429	1.678
FR1 n38_Ant 0 TXD	0.389	0.656	1.734	1.555	1.347	1.561	1.454	1.420	1.348	1.321	1.570
FR1 n38_Ant 0 Sub TXD	0.467	0.656	1.812	1.633	1.425	1.639	1.532	1.498	1.426	1.399	1.648
FR1 n41_Ant 0 Sub TXD	0.434	0.656	1.779	1.600	1.392	1.606	1.499	1.465	1.393	1.366	1.615
FR1 n66_Ant 0 Sub TXD	0.411	0.656	1.756	1.577	1.369	1.583	1.476	1.442	1.370	1.343	1.592
FR1 n71_Ant 0 TXD	0.359	0.656	1.704	1.525	1.317	1.531	1.424	1.390	1.318	1.291	1.540

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 5 + Bluetooth Ant 4+3(3)	1.469	-34.0	81.0	-207.0	75.9	2.13	0.04	Not required
Bluetooth Ant 4+3(4)	0.656	10.5	19.5	-207.0				



FCC SAR TEST REPORT

<Case 188>

SPLSR calculation for summation SAR>1.6W/kg

Estimate Position	6		7		8		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25	
	WNAW SAR		Busch A1 3		COMB100_A1 2 TD		HCDMA A1_A2 2 TD		HCDMA A1_A2 2 TD		LTE Band 7_A1 2 TD		LTE Band 21_A1 2 TD		LTE Band 31_A1 2 TD		LTE Band 41_A1 2 TD		LTE Band 41_A1 2 TD		LTE Band 41_A1 2 TD		FDD LTE A1 2 TD		FDD LTE A1 2 TD		FDD LTE A1 2 TD		FDD LTE A1 2 TD		FDD LTE A1 2 TD		FDD LTE A1 2 TD		FDD LTE A1 2 TD		FDD LTE A1 2 TD	
	1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)	
COMB100_A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04		
COMB100_A1 1 TD	0.04	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	
WNAW A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	
WNAW A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
LTE Band 7_A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	
LTE Band 21_A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	
LTE Band 31_A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
LTE Band 41_A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	
LTE Band 41_A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
FDD LTE A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
FDD LTE A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
FDD LTE A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
FDD LTE A1 1 TD	0.03	0.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04

SAR Data			1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)			
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04



<Case 189>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, Frequency, and SAR values for various body parts (Head, Neck, Torso, etc.) across different test scenarios.

Table with columns for SAR (max, head, neck, torso, etc.) and corresponding values for various body parts across different test scenarios.



<Case 192>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI
Front	1g SAR (W/kg)		0.521	0.452	0.627
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM850_Ant 1 TXI	0.635	0.619	1.775	1.706	1.881
GSM1900_Ant 1 TXI	0.444	0.619	1.584	1.515	1.690
WCDMA II_Ant 1 TXI	0.797	0.619	1.937	1.868	2.043
WCDMA IV_Ant 1 TXI	0.372	0.619	1.512	1.443	1.618
WCDMA V_Ant 1 TXI	0.361	0.619	1.501	1.432	1.607
LTE Band 7_Ant 1 TXI	0.795	0.619	1.935	1.866	2.041
LTE Band 12_Ant 1 TXI	0.233	0.619	1.373	1.304	1.479
LTE Band 13_Ant 1 TXI	0.405	0.619	1.545	1.476	1.651
LTE Band 14_Ant 1 TXI	0.377	0.619	1.517	1.448	1.623
LTE Band 25_Ant 1 TXI	0.643	0.619	1.783	1.714	1.889
LTE Band 26_Ant 1 TXI	0.372	0.619	1.512	1.443	1.618
LTE Band 30_Ant 1 TXI	0.764	0.619	1.904	1.835	2.010
LTE Band 41_Ant 1 TXI	0.803	0.619	1.943	1.874	2.049
LTE Band 48_Ant 1 TXI	0.542	0.619	1.682	1.613	1.788
LTE Band 66_Ant 1 TXI	0.353	0.619	1.493	1.424	1.599
FR1 n7_Ant 1 TXI	0.737	0.619	1.877	1.808	1.983
FR1 n12_Ant 1 TXI	0.204	0.619	1.344	1.275	1.450
FR1 n14_Ant 1 TXI	0.313	0.619	1.453	1.384	1.559
FR1 n25_Ant 1 TXI	0.803	0.619	1.943	1.874	2.049
FR1 n26_Ant 1 TXI	0.392	0.619	1.532	1.463	1.638
FR1 n30_Ant 1 TXI	0.718	0.619	1.858	1.789	1.964
FR1 n38_Ant 1 TXI	0.775	0.619	1.915	1.846	2.021
FR1 n41_Ant 1 TXI	0.788	0.619	1.928	1.859	2.034
FR1 n48_Ant 1 TXI	0.765	0.619	1.905	1.836	2.011
FR1 n66_Ant 1 TXI	0.366	0.619	1.506	1.437	1.612
FR1 n70_Ant 1 TXI	0.271	0.619	1.411	1.342	1.517
FR1 n71_Ant 1 TXI	0.232	0.619	1.372	1.303	1.478
FR1 n77_Ant 1 TXI	0.793	0.619	1.933	1.864	2.039

SAR peak location (mm)			X (axis)		-18.5	-54.5	-55.5	-51.5	
			Y (axis)		82	-40	-40	-40	
Z (axis)			X (axis)		-207	-207	-207	-207	
			Y (axis)		-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	
				WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI	
			Front	1g SAR (W/kg)			0.521	0.452	0.627
							SPLSR Results	SPLSR Results	SPLSR Results
-56.4	64.9	-207	GSM850_Ant 1 TXI	0.635	0.619		0.02	0.02	0.02
-63.2	64.4	-207	GSM1900_Ant 1 TXI	0.444	0.619				0.02
-64.2	66.8	-207	WCDMA II_Ant 1 TXI	0.797	0.619	0.03		0.02	0.03
-61.9	75.3	-207	WCDMA IV_Ant 1 TXI	0.372	0.619				0.02
-56.1	62.8	-207	WCDMA V_Ant 1 TXI	0.361	0.619				0.02
-63.5	63	-207	LTE Band 7_Ant 1 TXI	0.795	0.619	0.03		0.02	0.03
-55.3	58.3	-207	LTE Band 12_Ant 1 TXI	0.233	0.619				
-55.3	58.6	-207	LTE Band 13_Ant 1 TXI	0.405	0.619				0.02
-54.1	58.6	-207	LTE Band 14_Ant 1 TXI	0.377	0.619				0.02
-65.7	68.2	-207	LTE Band 25_Ant 1 TXI	0.643	0.619	0.02		0.02	0.02
-55.6	61.6	-207	LTE Band 26_Ant 1 TXI	0.372	0.619				0.02
-64.5	69	-207	LTE Band 30_Ant 1 TXI	0.764	0.619	0.02		0.02	0.03
-60.5	62	-207	LTE Band 41_Ant 1 TXI	0.803	0.619	0.03		0.03	0.03
-63.5	52	-207	LTE Band 48_Ant 1 TXI	0.542	0.619	0.02		0.02	0.03
-65.4	74.2	-207	LTE Band 66_Ant 1 TXI	0.353	0.619				0.02
-62.5	60.5	-207	FR1 n7_Ant 1 TXI	0.737	0.619	0.03		0.02	0.03
-58.4	57.9	-207	FR1 n12_Ant 1 TXI	0.204	0.619				
-56.1	57.1	-207	FR1 n14_Ant 1 TXI	0.313	0.619				
-65.4	66.8	-207	FR1 n25_Ant 1 TXI	0.803	0.619	0.03		0.02	0.03
-54.9	63.1	-207	FR1 n26_Ant 1 TXI	0.392	0.619				0.02
-64.5	68	-207	FR1 n30_Ant 1 TXI	0.718	0.619	0.02		0.02	0.03
-60.5	61	-207	FR1 n38_Ant 1 TXI	0.775	0.619	0.03		0.02	0.03
-61.5	61	-207	FR1 n41_Ant 1 TXI	0.788	0.619	0.03		0.03	0.03
-64.5	52	-207	FR1 n48_Ant 1 TXI	0.765	0.619	0.03		0.03	0.03
-64.7	72	-207	FR1 n66_Ant 1 TXI	0.366	0.619				0.02
-65.3	70.8	-207	FR1 n70_Ant 1 TXI	0.271	0.619				
-59.9	61.8	-207	FR1 n71_Ant 1 TXI	0.232	0.619				
-62	56.5	-207	FR1 n77_Ant 1 TXI	0.793	0.619	0.03		0.03	0.03



<Case 193>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 3	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI
Front	1g SAR (W/kg)		0.521	0.452	0.627
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM850_Ant 1 TXI	0.635	0.244	1.400	1.331	1.506
GSM1900_Ant 1 TXI	0.444	0.244	1.209	1.140	1.315
WCDMA II_Ant 1 TXI	0.797	0.244	1.562	1.493	1.668
WCDMA IV_Ant 1 TXI	0.372	0.244	1.137	1.068	1.243
WCDMA V_Ant 1 TXI	0.361	0.244	1.126	1.057	1.232
LTE Band 7_Ant 1 TXI	0.795	0.244	1.560	1.491	1.666
LTE Band 12_Ant 1 TXI	0.233	0.244	0.998	0.929	1.104
LTE Band 13_Ant 1 TXI	0.405	0.244	1.170	1.101	1.276
LTE Band 14_Ant 1 TXI	0.377	0.244	1.142	1.073	1.248
LTE Band 25_Ant 1 TXI	0.643	0.244	1.408	1.339	1.514
LTE Band 26_Ant 1 TXI	0.372	0.244	1.137	1.068	1.243
LTE Band 30_Ant 1 TXI	0.764	0.244	1.529	1.460	1.635
LTE Band 41_Ant 1 TXI	0.803	0.244	1.568	1.499	1.674
LTE Band 48_Ant 1 TXI	0.542	0.244	1.307	1.238	1.413
LTE Band 66_Ant 1 TXI	0.353	0.244	1.118	1.049	1.224
FR1 n7_Ant 1 TXI	0.737	0.244	1.502	1.433	1.608
FR1 n12_Ant 1 TXI	0.204	0.244	0.969	0.900	1.075
FR1 n14_Ant 1 TXI	0.313	0.244	1.078	1.009	1.184
FR1 n25_Ant 1 TXI	0.803	0.244	1.568	1.499	1.674
FR1 n26_Ant 1 TXI	0.392	0.244	1.157	1.088	1.263
FR1 n30_Ant 1 TXI	0.718	0.244	1.483	1.414	1.589
FR1 n38_Ant 1 TXI	0.775	0.244	1.540	1.471	1.646
FR1 n41_Ant 1 TXI	0.788	0.244	1.553	1.484	1.659
FR1 n48_Ant 1 TXI	0.765	0.244	1.530	1.461	1.636
FR1 n66_Ant 1 TXI	0.366	0.244	1.131	1.062	1.237
FR1 n70_Ant 1 TXI	0.271	0.244	1.036	0.967	1.142
FR1 n71_Ant 1 TXI	0.232	0.244	0.997	0.928	1.103
FR1 n77_Ant 1 TXI	0.793	0.244	1.558	1.489	1.664

SAR peak location (mm)			X (axis)		-63.5	-54.5	-55.5	-51.5
			Y (axis)		26	-40	-40	-40
X (axis)			Z (axis)		-207	-207	-207	-207
			Exposure Position	Front	0	7	9	10
WWAN SAR	Bluetooth Ant 3	LTE Band 48_Ant 6 TXI			FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI		
		1g SAR (W/kg)		0.521	0.452	0.627		
				0+7+9 SPLSR Results	0+7+10 SPLSR Results	0+7+11 SPLSR Results		
-56.4	64.9	-207	GSM850_Ant 1 TXI	0.635	0.244			
-63.2	64.4	-207	GSM1900_Ant 1 TXI	0.444	0.244			
-64.2	66.8	-207	WCDMA II_Ant 1 TXI	0.797	0.244			0.03
-61.9	75.3	-207	WCDMA IV_Ant 1 TXI	0.372	0.244			
-56.1	62.8	-207	WCDMA V_Ant 1 TXI	0.361	0.244			
-63.5	63	-207	LTE Band 7_Ant 1 TXI	0.795	0.244			0.03
-55.3	58.3	-207	LTE Band 12_Ant 1 TXI	0.233	0.244			
-55.3	58.6	-207	LTE Band 13_Ant 1 TXI	0.405	0.244			
-54.1	58.6	-207	LTE Band 14_Ant 1 TXI	0.377	0.244			
-65.7	68.2	-207	LTE Band 25_Ant 1 TXI	0.643	0.244			
-55.6	61.6	-207	LTE Band 26_Ant 1 TXI	0.372	0.244			
-64.5	69	-207	LTE Band 30_Ant 1 TXI	0.764	0.244			0.03
-60.5	62	-207	LTE Band 41_Ant 1 TXI	0.803	0.244			0.03
-63.5	52	-207	LTE Band 48_Ant 1 TXI	0.542	0.244			
-65.4	74.2	-207	LTE Band 66_Ant 1 TXI	0.353	0.244			
-62.5	60.5	-207	FR1 n7_Ant 1 TXI	0.737	0.244			0.03
-58.4	57.9	-207	FR1 n12_Ant 1 TXI	0.204	0.244			
-56.1	57.1	-207	FR1 n14_Ant 1 TXI	0.313	0.244			
-65.4	66.8	-207	FR1 n25_Ant 1 TXI	0.803	0.244			0.03
-54.9	63.1	-207	FR1 n26_Ant 1 TXI	0.392	0.244			
-64.5	68	-207	FR1 n30_Ant 1 TXI	0.718	0.244			
-60.5	61	-207	FR1 n38_Ant 1 TXI	0.775	0.244			0.03
-61.5	61	-207	FR1 n41_Ant 1 TXI	0.788	0.244			0.03
-64.5	52	-207	FR1 n48_Ant 1 TXI	0.765	0.244			0.03
-64.7	72	-207	FR1 n66_Ant 1 TXI	0.366	0.244			
-65.3	70.8	-207	FR1 n70_Ant 1 TXI	0.271	0.244			
-59.9	61.8	-207	FR1 n71_Ant 1 TXI	0.232	0.244			
-62	56.5	-207	FR1 n77_Ant 1 TXI	0.793	0.244			0.03



<Case 194>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)		0.521	0.452	0.627
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM850_Ant 1 TX1	0.635	0.705	1.861	1.792	1.967
GSM1900_Ant 1 TX1	0.444	0.705	1.670	1.601	1.776
WCDMA II_Ant 1 TX1	0.797	0.705	2.023	1.954	2.129
WCDMA IV_Ant 1 TX1	0.372	0.705	1.598	1.529	1.704
WCDMA V_Ant 1 TX1	0.361	0.705	1.587	1.518	1.693
LTE Band 7_Ant 1 TX1	0.795	0.705	2.021	1.952	2.127
LTE Band 12_Ant 1 TX1	0.233	0.705	1.459	1.390	1.565
LTE Band 13_Ant 1 TX1	0.405	0.705	1.631	1.562	1.737
LTE Band 14_Ant 1 TX1	0.377	0.705	1.603	1.534	1.709
LTE Band 25_Ant 1 TX1	0.643	0.705	1.869	1.800	1.975
LTE Band 26_Ant 1 TX1	0.372	0.705	1.598	1.529	1.704
LTE Band 30_Ant 1 TX1	0.764	0.705	1.990	1.921	2.096
LTE Band 41_Ant 1 TX1	0.803	0.705	2.029	1.960	2.135
LTE Band 48_Ant 1 TX1	0.542	0.705	1.768	1.699	1.874
LTE Band 66_Ant 1 TX1	0.353	0.705	1.579	1.510	1.685
FR1 n7_Ant 1 TX1	0.737	0.705	1.963	1.894	2.069
FR1 n12_Ant 1 TX1	0.204	0.705	1.430	1.361	1.536
FR1 n14_Ant 1 TX1	0.313	0.705	1.539	1.470	1.645
FR1 n25_Ant 1 TX1	0.803	0.705	2.029	1.960	2.135
FR1 n26_Ant 1 TX1	0.392	0.705	1.618	1.549	1.724
FR1 n30_Ant 1 TX1	0.718	0.705	1.944	1.875	2.050
FR1 n38_Ant 1 TX1	0.775	0.705	2.001	1.932	2.107
FR1 n41_Ant 1 TX1	0.788	0.705	2.014	1.945	2.120
FR1 n48_Ant 1 TX1	0.765	0.705	1.991	1.922	2.097
FR1 n66_Ant 1 TX1	0.366	0.705	1.592	1.523	1.698
FR1 n70_Ant 1 TX1	0.271	0.705	1.497	1.428	1.603
FR1 n71_Ant 1 TX1	0.232	0.705	1.458	1.389	1.564
FR1 n77_Ant 1 TX1	0.793	0.705	2.019	1.950	2.125

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	92.3	1.43	0.02	Not required
Max WWAN Ant 1	0.803	-63.5	52.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.6	1.33	0.01	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	66.4	0.88	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Max WWAN Ant 1	0.803	-54.9	63.1	-207.0	41.9	1.51	0.04	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 1	0.803	-63.5	52.0	-207.0	26.0	1.06	0.04	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0	71.8	0.96	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				



<Case 195>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI
Back	1g SAR (W/kg)		0.500	0.452	0.570
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM850_Ant 1 TXI	0.499	0.486	1.485	1.437	1.555
GSM1900_Ant 1 TXI	0.525	0.486	1.511	1.463	1.581
WCDMA II_Ant 1 TXI	0.478	0.486	1.464	1.416	1.534
WCDMA IV_Ant 1 TXI	0.285	0.486	1.271	1.223	1.341
WCDMA V_Ant 1 TXI	0.231	0.486	1.217	1.169	1.287
LTE Band 7_Ant 1 TXI	0.648	0.486	1.634	1.586	1.704
LTE Band 12_Ant 1 TXI	0.157	0.486	1.143	1.095	1.213
LTE Band 13_Ant 1 TXI	0.261	0.486	1.247	1.199	1.317
LTE Band 14_Ant 1 TXI	0.253	0.486	1.239	1.191	1.309
LTE Band 25_Ant 1 TXI	0.726	0.486	1.712	1.664	1.782
LTE Band 26_Ant 1 TXI	0.262	0.486	1.248	1.200	1.318
LTE Band 30_Ant 1 TXI	0.629	0.486	1.615	1.567	1.685
LTE Band 41_Ant 1 TXI	0.471	0.486	1.457	1.409	1.527
LTE Band 48_Ant 1 TXI	0.381	0.486	1.367	1.319	1.437
LTE Band 66_Ant 1 TXI	0.294	0.486	1.280	1.232	1.350
FR1 n7_Ant 1 TXI	0.724	0.486	1.710	1.662	1.780
FR1 n12_Ant 1 TXI	0.166	0.486	1.152	1.104	1.222
FR1 n14_Ant 1 TXI	0.280	0.486	1.266	1.218	1.336
FR1 n25_Ant 1 TXI	0.765	0.486	1.751	1.703	1.821
FR1 n26_Ant 1 TXI	0.234	0.486	1.220	1.172	1.290
FR1 n30_Ant 1 TXI	0.635	0.486	1.621	1.573	1.691
FR1 n38_Ant 1 TXI	0.626	0.486	1.612	1.564	1.682
FR1 n41_Ant 1 TXI	0.734	0.486	1.720	1.672	1.790
FR1 n48_Ant 1 TXI	0.526	0.486	1.512	1.464	1.582
FR1 n66_Ant 1 TXI	0.328	0.486	1.314	1.266	1.384
FR1 n70_Ant 1 TXI	0.229	0.486	1.215	1.167	1.285
FR1 n71_Ant 1 TXI	0.206	0.486	1.192	1.144	1.262
FR1 n77_Ant 1 TXI	0.547	0.486	1.533	1.485	1.603

SAR peak location (mm)			X (axis)		Y (axis)		Z (axis)		
			-29.5	0.5	-0.5	1	-207	-58	-55
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	
				WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI	
			Back	1g SAR (W/kg)			0.5	0.452	0.57
							0+7+9 SPLSR Results	0+7+10 SPLSR Results	0+7+11 SPLSR Results
3.4	61.6	-207	GSM850_Ant 1 TXI	0.499	0.486				
16.5	65.6	-207	GSM1900_Ant 1 TXI	0.525	0.486				
18.1	64.3	-207	WCDMA II_Ant 1 TXI	0.478	0.486				
18.2	71.4	-207	WCDMA IV_Ant 1 TXI	0.285	0.486				
3.7	58.3	-207	WCDMA V_Ant 1 TXI	0.231	0.486				
14.5	63	-207	LTE Band 7_Ant 1 TXI	0.648	0.486	0.02		0.02	
8.5	59.8	-207	LTE Band 12_Ant 1 TXI	0.157	0.486				
7.3	58.6	-207	LTE Band 13_Ant 1 TXI	0.261	0.486				
7.3	59.8	-207	LTE Band 14_Ant 1 TXI	0.253	0.486				
15.7	66.7	-207	LTE Band 25_Ant 1 TXI	0.726	0.486	0.02	0.02	0.02	
4.6	61.9	-207	LTE Band 26_Ant 1 TXI	0.262	0.486				
17.5	71	-207	LTE Band 30_Ant 1 TXI	0.629	0.486	0.02		0.02	
12.5	60	-207	LTE Band 41_Ant 1 TXI	0.471	0.486				
17.5	52	-207	LTE Band 48_Ant 1 TXI	0.381	0.486				
16.6	71.8	-207	LTE Band 66_Ant 1 TXI	0.294	0.486				
14.5	64	-207	FR1 n7_Ant 1 TXI	0.724	0.486	0.02	0.02	0.02	
9.5	59.8	-207	FR1 n12_Ant 1 TXI	0.166	0.486				
10.8	58	-207	FR1 n14_Ant 1 TXI	0.280	0.486				
17.1	68.6	-207	FR1 n25_Ant 1 TXI	0.765	0.486	0.02	0.02	0.02	
4.3	62.6	-207	FR1 n26_Ant 1 TXI	0.234	0.486				
15	71.5	-207	FR1 n30_Ant 1 TXI	0.635	0.486	0.02		0.02	
13.5	59	-207	FR1 n38_Ant 1 TXI	0.626	0.486	0.02		0.02	
17.5	58.5	-207	FR1 n41_Ant 1 TXI	0.734	0.486	0.02	0.02	0.02	
17	50.5	-207	FR1 n48_Ant 1 TXI	0.526	0.486				
15.4	73.1	-207	FR1 n66_Ant 1 TXI	0.328	0.486				
14.9	75.8	-207	FR1 n70_Ant 1 TXI	0.229	0.486				
9.8	64.3	-207	FR1 n71_Ant 1 TXI	0.206	0.486				
18	62.5	-207	FR1 n77_Ant 1 TXI	0.547	0.486			0.02	



<Case 196>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI
Back	1g SAR (W/kg)		0.500	0.452	0.570
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM850_Ant 1 TXI	0.499	0.656	1.655	1.607	1.725
GSM1900_Ant 1 TXI	0.525	0.656	1.681	1.633	1.751
WCDMA II_Ant 1 TXI	0.478	0.656	1.634	1.586	1.704
WCDMA IV_Ant 1 TXI	0.285	0.656	1.441	1.393	1.511
WCDMA V_Ant 1 TXI	0.231	0.656	1.387	1.339	1.457
LTE Band 7_Ant 1 TXI	0.648	0.656	1.804	1.756	1.874
LTE Band 12_Ant 1 TXI	0.157	0.656	1.313	1.265	1.383
LTE Band 13_Ant 1 TXI	0.261	0.656	1.417	1.369	1.487
LTE Band 14_Ant 1 TXI	0.253	0.656	1.409	1.361	1.479
LTE Band 25_Ant 1 TXI	0.726	0.656	1.882	1.834	1.952
LTE Band 26_Ant 1 TXI	0.262	0.656	1.418	1.370	1.488
LTE Band 30_Ant 1 TXI	0.629	0.656	1.785	1.737	1.855
LTE Band 41_Ant 1 TXI	0.471	0.656	1.627	1.579	1.697
LTE Band 48_Ant 1 TXI	0.381	0.656	1.537	1.489	1.607
LTE Band 66_Ant 1 TXI	0.294	0.656	1.450	1.402	1.520
FR1 n7_Ant 1 TXI	0.724	0.656	1.880	1.832	1.950
FR1 n12_Ant 1 TXI	0.166	0.656	1.322	1.274	1.392
FR1 n14_Ant 1 TXI	0.280	0.656	1.436	1.388	1.506
FR1 n25_Ant 1 TXI	0.765	0.656	1.921	1.873	1.991
FR1 n26_Ant 1 TXI	0.234	0.656	1.390	1.342	1.460
FR1 n30_Ant 1 TXI	0.635	0.656	1.791	1.743	1.861
FR1 n38_Ant 1 TXI	0.626	0.656	1.782	1.734	1.852
FR1 n41_Ant 1 TXI	0.734	0.656	1.890	1.842	1.960
FR1 n48_Ant 1 TXI	0.526	0.656	1.682	1.634	1.752
FR1 n66_Ant 1 TXI	0.328	0.656	1.484	1.436	1.554
FR1 n70_Ant 1 TXI	0.229	0.656	1.385	1.337	1.455
FR1 n71_Ant 1 TXI	0.206	0.656	1.362	1.314	1.432
FR1 n77_Ant 1 TXI	0.547	0.656	1.703	1.655	1.773

SAR peak location (mm)			X (axis)		10.5	0.5	-0.5	1
			Y (axis)		19.5	-58	-55	-57
Z (axis)			Exposure Position		-207	-207	-207	-207
			Back		0	7	9	10
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI
						1g SAR (W/kg)		
						0+7+9 SPLSR Results	0+7+10 SPLSR Results	0+7+11 SPLSR Results
3.4	61.6	-207	GSM850_Ant 1 TXI	0.499	0.656	0.03	0.03	0.03
16.5	65.6	-207	GSM1900_Ant 1 TXI	0.525	0.656	0.03	0.03	0.03
18.1	64.3	-207	WCDMA II_Ant 1 TXI	0.478	0.656	0.03		0.03
18.2	71.4	-207	WCDMA IV_Ant 1 TXI	0.285	0.656			
3.7	58.3	-207	WCDMA V_Ant 1 TXI	0.231	0.656			
14.5	63	-207	LTE Band 7_Ant 1 TXI	0.648	0.656	0.03	0.03	0.03
8.5	59.8	-207	LTE Band 12_Ant 1 TXI	0.157	0.656			
7.3	58.6	-207	LTE Band 13_Ant 1 TXI	0.261	0.656			
7.3	59.8	-207	LTE Band 14_Ant 1 TXI	0.253	0.656			
15.7	66.7	-207	LTE Band 25_Ant 1 TXI	0.726	0.656	0.03	0.03	0.04
4.6	61.9	-207	LTE Band 26_Ant 1 TXI	0.262	0.656			
17.5	71	-207	LTE Band 30_Ant 1 TXI	0.629	0.656	0.03	0.03	0.03
12.5	60	-207	LTE Band 41_Ant 1 TXI	0.471	0.656	0.03		0.03
17.5	52	-207	LTE Band 48_Ant 1 TXI	0.381	0.656			0.03
16.6	71.8	-207	LTE Band 66_Ant 1 TXI	0.294	0.656			
14.5	64	-207	FR1 n7_Ant 1 TXI	0.724	0.656	0.03	0.03	0.04
9.5	59.8	-207	FR1 n12_Ant 1 TXI	0.166	0.656			
10.8	58	-207	FR1 n14_Ant 1 TXI	0.280	0.656			
17.1	68.6	-207	FR1 n25_Ant 1 TXI	0.765	0.656	0.03	0.03	0.04
4.3	62.6	-207	FR1 n26_Ant 1 TXI	0.234	0.656			
15	71.5	-207	FR1 n30_Ant 1 TXI	0.635	0.656	0.03	0.03	0.03
13.5	59	-207	FR1 n38_Ant 1 TXI	0.626	0.656	0.03	0.03	0.03
17.5	56.5	-207	FR1 n41_Ant 1 TXI	0.734	0.656	0.03	0.03	0.04
17	50.5	-207	FR1 n48_Ant 1 TXI	0.526	0.656	0.03	0.03	0.03
15.4	73.1	-207	FR1 n66_Ant 1 TXI	0.328	0.656			
14.9	75.8	-207	FR1 n70_Ant 1 TXI	0.229	0.656			
9.8	64.3	-207	FR1 n71_Ant 1 TXI	0.206	0.656			
18	62.5	-207	FR1 n77_Ant 1 TXI	0.547	0.656	0.03	0.03	0.03



<Case 197>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)		0.679	0.619	0.628	0.627	0.337	0.327	0.305	0.446	0.536
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM1900_Ant 2 TXD	0.661	0.619	1.959	1.821	1.706	1.907	1.617	1.607	1.585	1.726	1.616
WCDMA II_Ant 2 TXD	0.664	0.619	1.962	1.824	1.711	1.910	1.620	1.610	1.588	1.729	1.619
WCDMA IV_Ant 2 TXD	0.670	0.619	1.968	1.830	1.717	1.916	1.626	1.616	1.594	1.735	1.625
LTE Band 7_Ant 2 TXD	0.651	0.619	1.949	1.811	1.698	1.897	1.607	1.597	1.575	1.716	1.606
LTE Band 25_Ant 2 TXD	0.671	0.619	1.969	1.831	1.718	1.917	1.627	1.617	1.595	1.736	1.626
LTE Band 30_Ant 2 TXD	0.665	0.619	1.963	1.825	1.712	1.911	1.621	1.611	1.589	1.730	1.620
LTE Band 41_Ant 2 TXD	0.659	0.619	1.957	1.819	1.706	1.905	1.615	1.605	1.583	1.724	1.614
LTE Band 66_Ant 2 TXD	0.660	0.619	1.958	1.820	1.707	1.906	1.616	1.606	1.584	1.725	1.615
FR1 n7_Ant 2 TXD	0.625	0.619	1.923	1.785	1.672	1.871	1.581	1.571	1.549	1.690	1.780
FR1 n25_Ant 2 TXD	0.668	0.619	1.966	1.828	1.715	1.914	1.624	1.614	1.592	1.733	1.623
FR1 n30_Ant 2 TXD	0.674	0.619	1.972	1.834	1.721	1.920	1.630	1.620	1.598	1.739	1.629
FR1 n38_Ant 2 TXD	0.517	0.619	1.815	1.677	1.564	1.763	1.473	1.463	1.441	1.582	1.672
FR1 n41_Ant 2 TXD	0.485	0.619	1.783	1.645	1.532	1.731	1.441	1.431	1.409	1.550	1.640
FR1 n48_Ant 2 Sub TXD	0.668	0.619	1.965	1.827	1.715	1.914	1.624	1.614	1.592	1.733	1.623
FR1 n66_Ant 2 TXD	0.660	0.619	1.958	1.820	1.707	1.906	1.616	1.606	1.584	1.725	1.615
FR1 n70_Ant 2 TXD	0.667	0.619	1.965	1.827	1.714	1.913	1.623	1.613	1.591	1.732	1.622
FR1 n77_Ant 2 Sub TXD	0.640	0.619	1.938	1.800	1.687	1.886	1.596	1.586	1.564	1.705	1.795

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.4	1.30	0.02	Not required
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.7	1.29	0.01	Not required
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0				

<Case 198>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)		0.679	0.619	0.628	0.627	0.337	0.327	0.305	0.446	0.536
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM1900_Ant 2 TXD	0.661	0.244	1.594	1.446	1.333	1.532	1.242	1.232	1.210	1.351	1.441
WCDMA II_Ant 2 TXD	0.664	0.244	1.597	1.449	1.336	1.535	1.245	1.235	1.213	1.354	1.444
WCDMA IV_Ant 2 TXD	0.670	0.244	1.593	1.455	1.342	1.541	1.251	1.241	1.219	1.360	1.450
LTE Band 7_Ant 2 TXD	0.651	0.244	1.574	1.436	1.323	1.522	1.232	1.222	1.200	1.341	1.431
LTE Band 25_Ant 2 TXD	0.671	0.244	1.594	1.456	1.343	1.542	1.252	1.242	1.220	1.361	1.451
LTE Band 30_Ant 2 TXD	0.665	0.244	1.588	1.450	1.337	1.536	1.246	1.236	1.214	1.355	1.445
LTE Band 41_Ant 2 TXD	0.659	0.244	1.582	1.444	1.331	1.530	1.240	1.230	1.208	1.349	1.439
LTE Band 66_Ant 2 TXD	0.660	0.244	1.583	1.445	1.332	1.531	1.241	1.231	1.209	1.350	1.440
FR1 n7_Ant 2 TXD	0.625	0.244	1.548	1.410	1.297	1.496	1.206	1.196	1.174	1.315	1.405
FR1 n25_Ant 2 TXD	0.668	0.244	1.591	1.453	1.340	1.539	1.249	1.239	1.217	1.358	1.448
FR1 n30_Ant 2 TXD	0.674	0.244	1.597	1.459	1.346	1.545	1.255	1.245	1.223	1.364	1.454
FR1 n38_Ant 2 TXD	0.517	0.244	1.440	1.302	1.189	1.388	1.098	1.088	1.066	1.207	1.297
FR1 n41_Ant 2 TXD	0.485	0.244	1.408	1.270	1.157	1.356	1.066	1.056	1.034	1.175	1.265
FR1 n48_Ant 2 Sub TXD	0.668	0.244	1.591	1.453	1.340	1.539	1.249	1.239	1.217	1.358	1.448
FR1 n66_Ant 2 TXD	0.660	0.244	1.583	1.445	1.332	1.531	1.241	1.231	1.209	1.350	1.440
FR1 n70_Ant 2 TXD	0.667	0.244	1.590	1.452	1.339	1.538	1.248	1.238	1.216	1.357	1.447
FR1 n77_Ant 2 Sub TXD	0.640	0.244	1.563	1.425	1.312	1.511	1.221	1.211	1.189	1.330	1.420

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	83.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-23.3	-75.5	-207.0				
Max WWAN Ant 5	0.679	-52.8	3.0	-207.0	25.4	0.92	0.03	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				
Max WWAN Ant 2	0.674	-21.0	-75.5	-207.0	110.0	0.92	0.01	Not required
Bluetooth Ant 3	0.244	-63.5	26.0	-207.0				



<Case 199>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Front	1g SAR (W/kg)		0.679	0.541	0.428	0.627	0.337	0.327	0.305	0.446	0.536
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM1900_Ant 2 TXD	0.661	0.705	2.045	1.907	1.794	1.993	1.703	1.693	1.671	1.812	1.902
WCDMA 8_Ant 2 TXD	0.664	0.705	2.048	1.910	1.797	1.996	1.706	1.696	1.674	1.815	1.905
WCDMA 19_Ant 2 TXD	0.670	0.705	2.054	1.916	1.803	2.002	1.712	1.702	1.680	1.821	1.911
LTE Band 7_Ant 2 TXD	0.651	0.705	2.035	1.897	1.784	1.983	1.693	1.683	1.661	1.802	1.892
LTE Band 25_Ant 2 TXD	0.671	0.705	2.055	1.917	1.804	2.003	1.713	1.703	1.681	1.822	1.912
LTE Band 30_Ant 2 TXD	0.665	0.705	2.049	1.911	1.798	1.997	1.707	1.697	1.675	1.816	1.906
LTE Band 41_Ant 2 TXD	0.659	0.705	2.043	1.905	1.792	1.991	1.701	1.691	1.669	1.810	1.900
LTE Band 66_Ant 2 TXD	0.660	0.705	2.044	1.906	1.793	1.992	1.702	1.692	1.670	1.811	1.901
FR1 n7_Ant 2 TXD	0.625	0.705	2.009	1.871	1.758	1.957	1.667	1.657	1.635	1.776	1.866
FR1 n25_Ant 2 TXD	0.668	0.705	2.052	1.914	1.801	2.000	1.710	1.700	1.678	1.819	1.909
FR1 n30_Ant 2 TXD	0.674	0.705	2.058	1.920	1.807	2.006	1.716	1.706	1.684	1.825	1.915
FR1 n38_Ant 2 TXD	0.517	0.705	1.901	1.763	1.650	1.849	1.559	1.549	1.527	1.668	1.758
FR1 n41_Ant 2 TXD	0.485	0.705	1.869	1.731	1.618	1.817	1.527	1.517	1.495	1.636	1.726
FR1 n48_Ant 2 Sub TXD	0.668	0.705	2.052	1.914	1.801	2.000	1.710	1.700	1.678	1.819	1.909
FR1 n66_Ant 2 TXD	0.660	0.705	2.044	1.906	1.793	1.992	1.702	1.692	1.670	1.811	1.901
FR1 n70_Ant 2 TXD	0.667	0.705	2.051	1.913	1.800	1.999	1.709	1.699	1.677	1.818	1.908
FR1 n77_Ant 2 Sub TXD	0.640	0.705	2.024	1.886	1.773	1.972	1.682	1.672	1.650	1.791	1.881

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0	69.9	1.35	0.02	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.9	1.38	0.02	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	20.6	0.94	0.04	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.7	1.38	0.01	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	103.4	0.93	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0	71.8	0.96	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				

<Case 200>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)		0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.276	0.525
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM1900_Ant 2 TXD	0.514	0.486	1.689	1.510	1.302	1.516	1.409	1.375	1.303	1.276	1.525
WCDMA 8_Ant 2 TXD	0.500	0.486	1.675	1.496	1.288	1.502	1.395	1.361	1.289	1.262	1.511
WCDMA 19_Ant 2 TXD	0.588	0.486	1.763	1.584	1.376	1.590	1.483	1.449	1.377	1.350	1.599
LTE Band 7_Ant 2 TXD	0.549	0.486	1.724	1.545	1.337	1.551	1.444	1.410	1.338	1.311	1.560
LTE Band 25_Ant 2 TXD	0.521	0.486	1.696	1.517	1.309	1.523	1.416	1.382	1.310	1.283	1.532
LTE Band 30_Ant 2 TXD	0.413	0.486	1.588	1.409	1.201	1.415	1.308	1.274	1.202	1.175	1.424
LTE Band 41_Ant 2 TXD	0.411	0.486	1.586	1.407	1.199	1.413	1.306	1.272	1.200	1.173	1.422
LTE Band 66_Ant 2 TXD	0.514	0.486	1.689	1.510	1.302	1.516	1.409	1.375	1.303	1.276	1.525
FR1 n7_Ant 2 TXD	0.398	0.486	1.573	1.394	1.186	1.400	1.293	1.259	1.187	1.160	1.409
FR1 n25_Ant 2 TXD	0.524	0.486	1.693	1.520	1.312	1.526	1.419	1.385	1.313	1.286	1.535
FR1 n30_Ant 2 TXD	0.499	0.486	1.671	1.492	1.284	1.498	1.391	1.357	1.285	1.258	1.507
FR1 n38_Ant 2 TXD	0.331	0.486	1.506	1.327	1.119	1.333	1.226	1.192	1.120	1.093	1.342
FR1 n41_Ant 2 TXD	0.327	0.486	1.502	1.323	1.115	1.329	1.222	1.188	1.116	1.089	1.338
FR1 n48_Ant 2 Sub TXD	0.497	0.486	1.672	1.493	1.285	1.499	1.392	1.358	1.286	1.259	1.508
FR1 n66_Ant 2 TXD	0.489	0.486	1.664	1.485	1.277	1.491	1.384	1.350	1.278	1.251	1.500
FR1 n70_Ant 2 TXD	0.494	0.486	1.669	1.490	1.282	1.496	1.389	1.355	1.283	1.256	1.505
FR1 n77_Ant 2 Sub TXD	0.482	0.486	1.657	1.478	1.270	1.484	1.377	1.343	1.271	1.244	1.493

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.689	9.1	-0.7	-207.0	79.6	1.28	0.02	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				
Max WWAN Ant 5	0.689	7.5	6.0	-207.0	84.5	1.18	0.02	Not required
Bluetooth Ant 4	0.486	-29.5	82.0	-207.0				
Max WWAN Ant 2	0.588	-23.5	-74.0	-207.0	156.1	1.07	0.01	Not required
Bluetooth Ant 4	0.486	-29.5	82.0	-207.0				



<Case 201>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17
	WWAN SAR	Bluetooth Ant 4+3	TE Band 25_Ant 5 Sub TX	TE Band 41_Ant 5 Sub TX	TE Band 66_Ant 5 Sub TX	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)		0.689	0.510	0.302	0.516	0.409	0.375	0.303	0.278	0.525
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR	0+7+13 Summed SAR	0+7+14 Summed SAR	0+7+15 Summed SAR	0+7+16 Summed SAR	0+7+17 Summed SAR
GSM1900_Ant 2 TX0	0.514	0.656	1.939	1.680	1.472	1.685	1.579	1.545	1.473	1.446	1.695
WCDMA II_Ant 2 TX0	0.500	0.656	1.945	1.666	1.468	1.672	1.565	1.531	1.469	1.432	1.681
WCDMA IV_Ant 2 TX0	0.588	0.656	1.933	1.754	1.546	1.760	1.653	1.619	1.547	1.520	1.769
LTE Band 7_Ant 2 TX0	0.549	0.656	1.894	1.715	1.507	1.721	1.614	1.580	1.508	1.481	1.730
LTE Band 25_Ant 2 TX0	0.521	0.656	1.866	1.687	1.479	1.693	1.586	1.552	1.480	1.453	1.702
LTE Band 30_Ant 2 TX0	0.413	0.656	1.738	1.579	1.371	1.585	1.478	1.444	1.372	1.345	1.594
LTE Band 41_Ant 2 TX0	0.411	0.656	1.756	1.577	1.369	1.583	1.476	1.442	1.370	1.343	1.592
LTE Band 66_Ant 2 TX0	0.514	0.656	1.859	1.680	1.472	1.686	1.579	1.545	1.473	1.446	1.695
FR1 n7_Ant 2 TX0	0.398	0.656	1.743	1.564	1.356	1.570	1.463	1.429	1.357	1.330	1.579
FR1 n25_Ant 2 TX0	0.524	0.656	1.889	1.690	1.482	1.696	1.589	1.555	1.483	1.456	1.705
FR1 n30_Ant 2 TX0	0.496	0.656	1.841	1.662	1.454	1.668	1.561	1.527	1.455	1.428	1.677
FR1 n38_Ant 2 TX0	0.331	0.656	1.676	1.497	1.289	1.503	1.396	1.362	1.290	1.263	1.512
FR1 n41_Ant 2 TX0	0.327	0.656	1.672	1.493	1.285	1.499	1.392	1.358	1.286	1.259	1.508
FR1 n48_Ant 2 Sub TX0	0.497	0.656	1.842	1.663	1.455	1.669	1.562	1.528	1.456	1.429	1.678
FR1 n66_Ant 2 TX0	0.489	0.656	1.834	1.655	1.447	1.661	1.554	1.520	1.448	1.421	1.670
FR1 n70_Ant 2 TX0	0.494	0.656	1.839	1.660	1.452	1.666	1.559	1.525	1.453	1.426	1.675
FR1 n77_Ant 2 Sub TX0	0.482	0.656	1.827	1.648	1.440	1.654	1.547	1.513	1.441	1.414	1.663

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5 + Bluetooth Ant 4+3	1.345	8.5	-8.0	-207.0	72.6	1.93	0.04	Not required
Max WWAN Ant 2	0.588	-19.5	-75.0	-207.0				



<Case 202>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)		0.521	0.452	0.627
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.619	1.801	1.732	1.907
WCDMA II_Ant 2 TX0	0.664	0.619	1.804	1.735	1.910
WCDMA IV_Ant 2 TX0	0.670	0.619	1.810	1.741	1.916
LTE Band 7_Ant 2 TX0	0.651	0.619	1.791	1.722	1.897
LTE Band 25_Ant 2 TX0	0.671	0.619	1.811	1.742	1.917
LTE Band 30_Ant 2 TX0	0.665	0.619	1.805	1.736	1.911
LTE Band 41_Ant 2 TX0	0.659	0.619	1.799	1.730	1.905
LTE Band 66_Ant 2 TX0	0.660	0.619	1.800	1.731	1.906
FR1 n7_Ant 2 TX0	0.625	0.619	1.765	1.696	1.871
FR1 n25_Ant 2 TX0	0.668	0.619	1.808	1.739	1.914
FR1 n30_Ant 2 TX0	0.674	0.619	1.814	1.745	1.920
FR1 n38_Ant 2 TX0	0.517	0.619	1.657	1.588	1.763
FR1 n41_Ant 2 TX0	0.485	0.619	1.625	1.556	1.731
FR1 n48_Ant 2 Sub TX0	0.668	0.619	1.808	1.739	1.914
FR1 n66_Ant 2 TX0	0.660	0.619	1.800	1.731	1.906
FR1 n70_Ant 2 TX0	0.667	0.619	1.807	1.738	1.913
FR1 n77_Ant 2 Sub TX0	0.640	0.619	1.780	1.711	1.886

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.4	1.25	0.01	Not required
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.7	1.29	0.01	Not required
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0				



<Case 203>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)		0.521	0.452	0.627
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.661	0.705	1.887	1.818	1.993
WCDMA II_Ant 2 TX0	0.664	0.705	1.890	1.821	1.996
WCDMA IV_Ant 2 TX0	0.670	0.705	1.896	1.827	2.002
LTE Band 7_Ant 2 TX0	0.651	0.705	1.877	1.808	1.983
LTE Band 25_Ant 2 TX0	0.671	0.705	1.897	1.828	2.003
LTE Band 30_Ant 2 TX0	0.665	0.705	1.891	1.822	1.997
LTE Band 41_Ant 2 TX0	0.659	0.705	1.885	1.816	1.991
LTE Band 66_Ant 2 TX0	0.660	0.705	1.886	1.817	1.992
FR1 n7_Ant 2 TX0	0.625	0.705	1.851	1.782	1.957
FR1 n25_Ant 2 TX0	0.668	0.705	1.894	1.825	2.000
FR1 n30_Ant 2 TX0	0.674	0.705	1.900	1.831	2.006
FR1 n38_Ant 2 TX0	0.517	0.705	1.743	1.674	1.849
FR1 n41_Ant 2 TX0	0.485	0.705	1.711	1.642	1.817
FR1 n48_Ant 2 Sub TX0	0.668	0.705	1.894	1.825	2.000
FR1 n66_Ant 2 TX0	0.660	0.705	1.886	1.817	1.992
FR1 n70_Ant 2 TX0	0.667	0.705	1.893	1.824	1.999
FR1 n77_Ant 2 Sub TX0	0.640	0.705	1.866	1.797	1.972

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	37.6	1.30	0.04	Not required
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.6	1.33	0.01	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	66.4	0.88	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Max WWAN Ant 2	0.674	-23.3	-70.6	-207.0	152.7	1.38	0.01	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 2	0.674	-34.5	-73.5	-207.0	103.4	0.93	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0	71.8	0.96	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				



<Case 204>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)		0.500	0.452	0.570
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.514	0.486	1.500	1.452	1.570
WCDMA II_Ant 2 TX0	0.500	0.486	1.486	1.438	1.556
WCDMA IV_Ant 2 TX0	0.588	0.486	1.574	1.526	1.644
LTE Band 7_Ant 2 TX0	0.549	0.486	1.535	1.487	1.605
LTE Band 25_Ant 2 TX0	0.521	0.486	1.507	1.459	1.577
LTE Band 30_Ant 2 TX0	0.413	0.486	1.399	1.351	1.469
LTE Band 41_Ant 2 TX0	0.411	0.486	1.397	1.349	1.467
LTE Band 66_Ant 2 TX0	0.514	0.486	1.500	1.452	1.570
FR1 n7_Ant 2 TX0	0.398	0.486	1.384	1.336	1.454
FR1 n25_Ant 2 TX0	0.524	0.486	1.510	1.462	1.580
FR1 n30_Ant 2 TX0	0.496	0.486	1.482	1.434	1.552
FR1 n38_Ant 2 TX0	0.331	0.486	1.317	1.269	1.387
FR1 n41_Ant 2 TX0	0.327	0.486	1.313	1.265	1.383
FR1 n48_Ant 2 Sub TX0	0.497	0.486	1.483	1.435	1.553
FR1 n66_Ant 2 TX0	0.489	0.486	1.475	1.427	1.545
FR1 n70_Ant 2 TX0	0.494	0.486	1.480	1.432	1.550
FR1 n77_Ant 2 Sub TX0	0.482	0.486	1.468	1.420	1.538

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	32.8	1.16	0.04	Not required
Max WWAN Ant 2	0.588	-24.3	-77.9	-207.0				
Max WWAN Ant 6	0.570	1.0	-57.0	-207.0	142.3	1.06	0.01	Not required
Bluetooth Ant 4	0.486	-29.5	82.0	-207.0				
Max WWAN Ant 2	0.588	-25.5	-77.0	-207.0	159.1	1.07	0.01	Not required
Bluetooth Ant 4	0.486	-29.5	82.0	-207.0				



<Case 205>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)		0.500	0.452	0.570
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.514	0.656	1.670	1.622	1.740
WCDMA II_Ant 2 TX0	0.500	0.656	1.656	1.608	1.726
WCDMA IV_Ant 2 TX0	0.588	0.656	1.744	1.696	1.814
LTE Band 7_Ant 2 TX0	0.549	0.656	1.705	1.657	1.775
LTE Band 25_Ant 2 TX0	0.521	0.656	1.677	1.629	1.747
LTE Band 30_Ant 2 TX0	0.413	0.656	1.569	1.521	1.639
LTE Band 41_Ant 2 TX0	0.411	0.656	1.567	1.519	1.637
LTE Band 66_Ant 2 TX0	0.514	0.656	1.670	1.622	1.740
FR1 n7_Ant 2 TX0	0.398	0.656	1.554	1.506	1.624
FR1 n25_Ant 2 TX0	0.524	0.656	1.680	1.632	1.750
FR1 n30_Ant 2 TX0	0.496	0.656	1.652	1.604	1.722
FR1 n38_Ant 2 TX0	0.331	0.656	1.487	1.439	1.557
FR1 n41_Ant 2 TX0	0.327	0.656	1.483	1.435	1.553
FR1 n48_Ant 2 Sub TX0	0.497	0.656	1.653	1.605	1.723
FR1 n66_Ant 2 TX0	0.489	0.656	1.645	1.597	1.715
FR1 n70_Ant 2 TX0	0.494	0.656	1.650	1.602	1.720
FR1 n77_Ant 2 Sub TX0	0.482	0.656	1.638	1.590	1.708

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.158	-0.5	-55.0	-207.0	75.3	1.81	0.03	Not required
Bluetooth Ant 4+3	0.656	10.5	19.5	-207.0				



<Case 206>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)		0.521	0.452	0.627
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.619	1.819	1.750	1.925
LTE Band 41_Ant 5 Sub TX1	0.541	0.619	1.681	1.612	1.787
LTE Band 66_Ant 5 Sub TX1	0.428	0.619	1.568	1.499	1.674
FR1 n25_Ant 5 Sub TX1	0.627	0.619	1.767	1.698	1.873
FR1 n38_Ant 5 Sub TX1	0.337	0.619	1.477	1.408	1.583
FR1 n41_Ant 5 Sub TX1	0.327	0.619	1.467	1.398	1.573
FR1 n48_Ant 5 Sub TX1	0.305	0.619	1.445	1.376	1.551
FR1 n66_Ant 5 Sub TX1	0.446	0.619	1.586	1.517	1.692
FR1 n77_Ant 5 Sub TX1	0.536	0.619	1.676	1.607	1.782

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.4	1.25	0.01	Not required
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.4	1.30	0.02	Not required
Bluetooth Ant 4	0.619	-18.5	82.0	-207.0				



<Case 207>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Front	1g SAR (W/kg)		0.521	0.452	0.627
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.679	0.705	1.905	1.836	2.011
LTE Band 41_Ant 5 Sub TX1	0.541	0.705	1.767	1.698	1.873
LTE Band 66_Ant 5 Sub TX1	0.428	0.705	1.654	1.585	1.760
FR1 n25_Ant 5 Sub TX1	0.627	0.705	1.853	1.784	1.959
FR1 n38_Ant 5 Sub TX1	0.337	0.705	1.563	1.494	1.669
FR1 n41_Ant 5 Sub TX1	0.327	0.705	1.553	1.484	1.659
FR1 n48_Ant 5 Sub TX1	0.305	0.705	1.531	1.462	1.637
FR1 n66_Ant 5 Sub TX1	0.446	0.705	1.672	1.603	1.778
FR1 n77_Ant 5 Sub TX1	0.536	0.705	1.762	1.693	1.868

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	34.0	1.31	0.04	Not required
Max WWAN Ant 5	0.679	-52.5	-6.0	-207.0				
Max WWAN Ant 6	0.627	-51.5	-40.0	-207.0	126.6	1.33	0.01	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 6	0.627	-55.5	-40.0	-207.0	66.4	0.88	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	81.9	1.38	0.02	Not required
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0				
Max WWAN Ant 5	0.679	-52.5	8.0	-207.0	20.6	0.94	0.04	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				
Bluetooth Ant 4+3(4)	0.705	-17.5	82.0	-207.0	71.8	0.96	0.01	Not required
Bluetooth Ant 4+3(3)	0.256	-62.5	26.0	-207.0				



<Case 208>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)		0.500	0.452	0.570
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.689	0.486	1.675	1.627	1.745
LTE Band 41_Ant 5 Sub TX1	0.510	0.486	1.496	1.448	1.566
LTE Band 66_Ant 5 Sub TX1	0.302	0.486	1.288	1.240	1.358
FR1 n25_Ant 5 Sub TX1	0.516	0.486	1.502	1.454	1.572
FR1 n38_Ant 5 Sub TX1	0.409	0.486	1.395	1.347	1.465
FR1 n41_Ant 5 Sub TX1	0.375	0.486	1.361	1.313	1.431
FR1 n48_Ant 5 Sub TX1	0.303	0.486	1.289	1.241	1.359
FR1 n66_Ant 5 Sub TX1	0.276	0.486	1.262	1.214	1.332
FR1 n77_Ant 5 Sub TX1	0.525	0.486	1.511	1.463	1.581

SAR peak location (mm)			X (axis)	-29.5	0.5	-0.5	1		
			Y (axis)	82	-58	-55	-57		
			Z (axis)	-207	-207	-207	-207		
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	
				WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	
			Back	1g SAR (W/kg)			0.5	0.452	0.57
						0+7+9 SPLSR Results	0+7+10 SPLSR Results	0+7+11 SPLSR Results	
9.1	-0.7	-207	LTE Band 25_Ant 5 Sub TX1	0.689	0.486	0.04	0.04	0.04	
8.5	-8	-207	LTE Band 41_Ant 5 Sub TX1	0.510	0.486				
9.2	-0.6	-207	LTE Band 66_Ant 5 Sub TX1	0.302	0.486				
7.6	-0.1	-207	FR1 n25_Ant 5 Sub TX1	0.516	0.486				
8.5	-6	-207	FR1 n38_Ant 5 Sub TX1	0.409	0.486				
6.5	-5	-207	FR1 n41_Ant 5 Sub TX1	0.375	0.486				
9.5	3.5	-208.8	FR1 n48_Ant 5 Sub TX1	0.303	0.486				
7.6	0.6	-208.8	FR1 n66_Ant 5 Sub TX1	0.276	0.486				
7.5	6	-207	FR1 n77_Ant 5 Sub TX1	0.525	0.486				



<Case 209>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, 0 (WWAN SAR), 7 (Bluetooth Ant 4+3), 9 (LTE Band 48_Ant 6 TX0), 10 (FR1 n48_Ant 6 TX0), 11 (FR1 n77_Ant 6 TX0). Rows include SAR values for various bands like LTE Band 25, 41, 66 and FR1 n25, n38, n41, n48, n66, n77.

Summary table with columns: Combination, SAR, SAR peak location (mm) [X, Y, Z], 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Includes combinations like 'Max WWAN Ant 5 + Max WWAN Ant 6 + Bluetooth Ant 4+3(3)'.

<Case 210>

SPLSR calculation for summation SAR>1.6W/kg

Large data table with many columns, likely representing a grid of SAR measurements for Case 210.

Large data table with many columns, likely representing a grid of SAR measurements for Case 210.



<Case 211>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position Number, Position Name, and SAR values for various frequencies (900, 1800, 1900, 2100, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000).

Table with columns for Position Number, Position Name, and SAR values for various frequencies (900, 1800, 1900, 2100, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000).

<Case 212>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position Number, Position Name, and SAR values for various frequencies (900, 1800, 1900, 2100, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000).

Table with columns for SAR Max, SAR Avg, SAR Min, and SAR values for various frequencies (900, 1800, 1900, 2100, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000).



<Case 213>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	9	10	11	12
	WWAN SAR	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)	0.608	0.789	0.559	0.790
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR	0+12 Summed SAR
GSM850_Ant 1 TX1	0.664	1.272	1.453	1.223	1.454
GSM1900_Ant 1 TX1	0.238	0.846	1.027	0.797	1.028
WCDMA II_Ant 1 TX1	0.973	1.581	1.762	1.532	1.763
WCDMA IV_Ant 1 TX1	0.212	0.820	1.001	0.771	1.002
WCDMA V_Ant 1 TX1	0.307	0.915	1.096	0.866	1.097
LTE Band 7_Ant 1 TX1	0.923	1.531	1.712	1.482	1.713
LTE Band 12_Ant 1 TX1	0.297	0.905	1.086	0.856	1.087
LTE Band 13_Ant 1 TX1	0.393	1.001	1.182	0.952	1.183
LTE Band 14_Ant 1 TX1	0.362	0.970	1.151	0.921	1.152
LTE Band 25_Ant 1 TX1	0.923	1.531	1.712	1.482	1.713
LTE Band 26_Ant 1 TX1	0.289	0.897	1.078	0.848	1.079
LTE Band 26_IC_Ant 1 TX1	0.322	0.930	1.111	0.881	1.112
LTE Band 30_Ant 1 TX1	0.402	1.010	1.191	0.961	1.192
LTE Band 41_Ant 1 TX1	0.775	1.383	1.564	1.334	1.565
LTE Band 48_Ant 1 TX1	0.552	1.160	1.341	1.111	1.342
LTE Band 66_Ant 1 TX1	0.164	0.772	0.953	0.723	0.954
FR1 n7_Ant 1 TX1	0.921	1.529	1.710	1.480	1.711
FR1 n12_Ant 1 TX1	0.309	0.917	1.098	0.868	1.099
FR1 n14_Ant 1 TX1	0.365	0.973	1.154	0.924	1.155
FR1 n25_Ant 1 TX1	0.595	1.203	1.384	1.154	1.385
FR1 n26_Ant 1 TX1	0.302	0.910	1.091	0.861	1.092
FR1 n26_IC_Ant 1 TX1	0.335	0.943	1.124	0.894	1.125
FR1 n30_Ant 1 TX1	0.819	1.427	1.608	1.378	1.609
FR1 n38_Ant 1 TX1	0.780	1.388	1.569	1.339	1.570
FR1 n41_Ant 1 TX1	0.784	1.392	1.573	1.343	1.574
FR1 n48_Ant 1 TX1	0.863	1.471	1.652	1.422	1.653
FR1 n66_Ant 1 TX1	0.281	0.889	1.070	0.840	1.071
FR1 n70_Ant 1 TX1	0.186	0.794	0.975	0.745	0.976
FR1 n71_Ant 1 TX1	0.277	0.885	1.066	0.836	1.067
FR1 n77_Ant 1 TX1	0.477	1.085	1.266	1.036	1.267
FR1 n77_IC_Ant 1 TX1	0.799	1.407	1.588	1.358	1.589

SAR peak location (mm)			X (axis)		-52.5	-59	-50.5	-66
			Y (axis)		-78	-55	-72.5	-53
Z (axis)			0		-207	-207	-207	-207
			9		10	11	12	
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
				Back	1g SAR (W/kg)	0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results
56.2	61.6	-207	GSM850_Ant 1 TX1	0.664				
63.7	57.5	-207	GSM1900_Ant 1 TX1	0.238				
66.8	63.1	-207	WCDMA II_Ant 1 TX1	0.973		0.02		0.02
69.4	60.7	-207	WCDMA IV_Ant 1 TX1	0.212				
57.7	59.8	-207	WCDMA V_Ant 1 TX1	0.307				
64.5	57	-207	LTE Band 7_Ant 1 TX1	0.923		0.02		0.02
56.5	55.3	-207	LTE Band 12_Ant 1 TX1	0.297				
55.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.393				
53.8	55.3	-207	LTE Band 14_Ant 1 TX1	0.362				
66.9	62.5	-207	LTE Band 25_Ant 1 TX1	0.923		0.02		0.02
56.5	61.3	-207	LTE Band 26_Ant 1 TX1	0.289				
56.5	61.3	-207	LTE Band 26_IC_Ant 1 TX1	0.322				
58.5	60.5	-207	LTE Band 30_Ant 1 TX1	0.402				
59	59	-207	LTE Band 41_Ant 1 TX1	0.775				
63.5	52	-207	LTE Band 48_Ant 1 TX1	0.552				
64.4	58.6	-207	LTE Band 66_Ant 1 TX1	0.164				
63	55.5	-207	FR1 n7_Ant 1 TX1	0.921		0.02		0.02
60.1	57.6	-207	FR1 n12_Ant 1 TX1	0.309				
55.4	56.1	-207	FR1 n14_Ant 1 TX1	0.365				
66.4	65.3	-207	FR1 n25_Ant 1 TX1	0.595				
57.6	60.6	-207	FR1 n26_Ant 1 TX1	0.302				
57.6	60.6	-207	FR1 n26_IC_Ant 1 TX1	0.335				
66.5	64.5	-207	FR1 n30_Ant 1 TX1	0.819		0.02		0.02
64	59.5	-207	FR1 n38_Ant 1 TX1	0.780				
64.5	57	-207	FR1 n41_Ant 1 TX1	0.784				
63	45	-207	FR1 n48_Ant 1 TX1	0.863		0.02		0.02
65.4	58.6	-207	FR1 n66_Ant 1 TX1	0.281				
64.9	56.1	-207	FR1 n70_Ant 1 TX1	0.186				
60.6	58.1	-207	FR1 n71_Ant 1 TX1	0.277				
62	51	-207	FR1 n77_Ant 1 TX1	0.477				
66	49	-207	FR1 n77_IC_Ant 1 TX1	0.799				



<Case 214>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (dBm)	Antenna	SAR			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				Max	Avg	Min				
Max WWAN Ant 0	720	23	0	0.664	0.03	0.00	93.0	1.98	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	720	23	1	1.315	0.03	0.00	93.0	1.98	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0	93.0	1.98	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	1.315	-63.0	45.0	-207.0	93.0	1.98	0.03	Not required

<Case 215>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (dBm)	Antenna	SAR			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				Max	Avg	Min				
Max WWAN Ant 0	720	23	0	0.664	0.03	0.00	72.1	1.88	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	720	23	1	1.212	0.03	0.00	72.1	1.88	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0	72.1	1.88	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	1.212	-60.0	24.0	-207.0	72.1	1.88	0.04	Not required

<Case 216>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (dBm)	Antenna	SAR			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				Max	Avg	Min				
Max WWAN Ant 0	720	23	0	0.664	0.03	0.00	69.4	2.08	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	720	23	1	1.411	0.03	0.00	69.4	2.08	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	69.4	2.08	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1.411	-60.0	24.0	-207.0	69.4	2.08	0.04	Not required

<Case 217>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (dBm)	Antenna	SAR			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				Max	Avg	Min				
Max WWAN Ant 0	720	23	0	0.664	0.03	0.00	90.2	2.03	0.03	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	720	23	1	1.368	0.03	0.00	90.2	2.03	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	90.2	2.03	0.03	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1.368	-63.0	45.0	-207.0	90.2	2.03	0.03	Not required



<Case 218>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (W)	Antenna	SAR	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	700-960	0.664	Antenna 0	0.664	71.3	2.02	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	700-960	1.360	Antenna 1, 3, 4, 5	1.360	71.3	2.02	0.04	Not required

<Case 219>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (W)	Antenna	SAR	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	700-960	0.664	Antenna 0	0.664	68.7	2.03	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	700-960	1.362	Antenna 1, 3, 4, 5	1.362	68.7	2.03	0.04	Not required

<Case 220>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (W)	Antenna	SAR	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0 + Max WWAN Ant 2	700-960	1.326	Antenna 0, 2	1.326	96.4	1.81	0.03	Not required
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	2400-2484	0.487	Antenna 4, 5	0.487	96.4	1.81	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 2	1.326	-64.0	-48.0	-207.0	96.4	1.81	0.03	Not required
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	0.487	-57.8	48.2	-207.0	96.4	1.81	0.03	Not required



<Case 221>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns (E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and 28 rows (Back, 500MHz Ant 1, 500MHz Ant 2, 500MHz Ant 3, 500MHz Ant 4, 500MHz Ant 5, 500MHz Ant 6, 500MHz Ant 7, 500MHz Ant 8, 500MHz Ant 9, 500MHz Ant 10, 500MHz Ant 11, 500MHz Ant 12, 500MHz Ant 13, 500MHz Ant 14, 500MHz Ant 15, 500MHz Ant 16, 500MHz Ant 17, 500MHz Ant 18, 500MHz Ant 19, 500MHz Ant 20, 500MHz Ant 21, 500MHz Ant 22, 500MHz Ant 23, 500MHz Ant 24, 500MHz Ant 25, 500MHz Ant 26, 500MHz Ant 27, 500MHz Ant 28).

Summary table for Case 221 with columns: Combination, SAR, SAR peak location (X, Y, Z), 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows: Max WWAN Ant 0 + Max WWAN Ant 2, WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3.

<Case 222>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns (E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and 28 rows (Back, 500MHz Ant 1, 500MHz Ant 2, 500MHz Ant 3, 500MHz Ant 4, 500MHz Ant 5, 500MHz Ant 6, 500MHz Ant 7, 500MHz Ant 8, 500MHz Ant 9, 500MHz Ant 10, 500MHz Ant 11, 500MHz Ant 12, 500MHz Ant 13, 500MHz Ant 14, 500MHz Ant 15, 500MHz Ant 16, 500MHz Ant 17, 500MHz Ant 18, 500MHz Ant 19, 500MHz Ant 20, 500MHz Ant 21, 500MHz Ant 22, 500MHz Ant 23, 500MHz Ant 24, 500MHz Ant 25, 500MHz Ant 26, 500MHz Ant 27, 500MHz Ant 28).

Summary table for Case 222 with columns: Combination, SAR, SAR peak location (X, Y, Z), 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows: Max WWAN Ant 0 + Max WWAN Ant 2, WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3.

<Case 223>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns (E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and 28 rows (Back, 500MHz Ant 1, 500MHz Ant 2, 500MHz Ant 3, 500MHz Ant 4, 500MHz Ant 5, 500MHz Ant 6, 500MHz Ant 7, 500MHz Ant 8, 500MHz Ant 9, 500MHz Ant 10, 500MHz Ant 11, 500MHz Ant 12, 500MHz Ant 13, 500MHz Ant 14, 500MHz Ant 15, 500MHz Ant 16, 500MHz Ant 17, 500MHz Ant 18, 500MHz Ant 19, 500MHz Ant 20, 500MHz Ant 21, 500MHz Ant 22, 500MHz Ant 23, 500MHz Ant 24, 500MHz Ant 25, 500MHz Ant 26, 500MHz Ant 27, 500MHz Ant 28).

Summary table for Case 223 with columns: Combination, SAR, SAR peak location (X, Y, Z), 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows: Max WWAN Ant 0 + Max WWAN Ant 2, WLAN5/6G Ant 4+3 + Bluetooth Ant 4.



<Case 224>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include SAR values for various antenna combinations like WWAN Ant 0, WLAN5/6G Ant 4+3, etc.

Summary table for Case 224 with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows show combinations like Max WWAN Ant 0 + Max WWAN Ant 2.

<Case 225>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include SAR values for various antenna combinations similar to Case 224.

Summary table for Case 225 with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Rows show combinations like Max WWAN Ant 0 + Max WWAN Ant 2.



<Case 226>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0		1		9		10		11		12		13		14		15		16		17		18	
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX	LTE Band 41_Ant 5 Sub TX	LTE Band 66_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX	FRI 105_Ant 5 Sub TX
Back	1g SAR (W/kg)		0.550		0.560		0.378		0.590		0.516		0.552		0.655		0.101		0.677		0.747		0.747	
			0.124x9 Summed SAR	0.124x9 Summed SAR	0.124x10 Summed SAR	0.124x11 Summed SAR	0.124x12 Summed SAR	0.124x13 Summed SAR	0.124x14 Summed SAR	0.124x15 Summed SAR	0.124x16 Summed SAR	0.124x17 Summed SAR	0.124x18 Summed SAR	0.124x19 Summed SAR	0.124x20 Summed SAR	0.124x21 Summed SAR	0.124x22 Summed SAR	0.124x23 Summed SAR	0.124x24 Summed SAR	0.124x25 Summed SAR	0.124x26 Summed SAR	0.124x27 Summed SAR	0.124x28 Summed SAR	0.124x29 Summed SAR
GSM850_Ant 0 TX	0.297	0.154	0.333	1.534	1.344	1.162	1.374	1.300	1.335	1.461	1.335	1.435	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461
WCDMA_V_Ant 0 TX	0.458	0.154	0.333	1.465	1.505	1.323	1.535	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461	1.461
LTE Band 12_Ant 0 TX	0.274	0.154	0.333	1.311	1.321	1.139	1.351	1.277	1.313	1.415	1.382	1.415	1.415	1.415	1.415	1.415	1.415	1.415	1.415	1.415	1.415	1.415	1.415	1.415
LTE Band 13_Ant 0 TX	0.336	0.154	0.333	1.373	1.383	1.201	1.413	1.339	1.375	1.475	1.324	1.475	1.475	1.475	1.475	1.475	1.475	1.475	1.475	1.475	1.475	1.475	1.475	1.475
LTE Band 14_Ant 0 TX	0.359	0.154	0.333	1.396	1.406	1.224	1.436	1.362	1.398	1.501	1.347	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501
LTE Band 25_Ant 0 Sub TX	0.628	0.154	0.333	1.623	1.673	1.491	1.703	1.629	1.665	1.768	1.514	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768
LTE Band 26_Ant 0 TX	0.460	0.154	0.333	1.497	1.507	1.325	1.537	1.463	1.499	1.602	1.348	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602
LTE Band 26_IC_Ant 0 TX	0.456	0.154	0.333	1.493	1.503	1.321	1.533	1.459	1.495	1.598	1.344	1.598	1.598	1.598	1.598	1.598	1.598	1.598	1.598	1.598	1.598	1.598	1.598	1.598
LTE Band 41_Ant 0 Sub TX	0.627	0.154	0.333	1.654	1.674	1.492	1.704	1.630	1.666	1.769	1.215	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769
LTE Band 66_Ant 0 Sub TX	0.628	0.154	0.333	1.655	1.675	1.493	1.705	1.631	1.667	1.770	1.216	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770
LTE Band 71_Ant 0 TX	0.340	0.154	0.333	1.377	1.387	1.205	1.417	1.343	1.379	1.482	1.308	1.482	1.482	1.482	1.482	1.482	1.482	1.482	1.482	1.482	1.482	1.482	1.482	1.482
FRI 105_Ant 0 Sub TX	0.267	0.154	0.333	1.294	1.304	1.122	1.334	1.260	1.296	1.399	1.045	1.399	1.399	1.399	1.399	1.399	1.399	1.399	1.399	1.399	1.399	1.399	1.399	1.399
FRI 105_Ant 0 TX	0.376	0.154	0.333	1.413	1.423	1.241	1.453	1.379	1.415	1.518	1.064	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518
FRI 105_Ant 0 Sub TX	0.636	0.154	0.333	1.673	1.683	1.501	1.713	1.639	1.675	1.778	1.224	1.778	1.778	1.778	1.778	1.778	1.778	1.778	1.778	1.778	1.778	1.778	1.778	1.778
FRI 105_Ant 0 TX	0.500	0.154	0.333	1.537	1.547	1.365	1.577	1.503	1.539	1.642	1.088	1.642	1.642	1.642	1.642	1.642	1.642	1.642	1.642	1.642	1.642	1.642	1.642	1.642
FRI 105_IC_Ant 0 TX	0.480	0.154	0.333	1.527	1.537	1.365	1.567	1.493	1.529	1.632	1.078	1.632	1.632	1.632	1.632	1.632	1.632	1.632	1.632	1.632	1.632	1.632	1.632	1.632
FRI 105_Ant 0 Sub TX	0.664	0.154	0.333	1.701	1.711	1.529	1.741	1.667	1.703	1.806	1.252	1.806	1.806	1.806	1.806	1.806	1.806	1.806	1.806	1.806	1.806	1.806	1.806	1.806
FRI 105_Ant 0 TX	0.551	0.154	0.333	1.588	1.598	1.416	1.628	1.554	1.590	1.693	1.139	1.693	1.693	1.693	1.693	1.693	1.693	1.693	1.693	1.693	1.693	1.693	1.693	1.693
FRI 105_Ant 0 Sub TX	0.638	0.154	0.333	1.675	1.685	1.503	1.715	1.641	1.677	1.780	1.226	1.780	1.780	1.780	1.780	1.780	1.780	1.780	1.780	1.780	1.780	1.780	1.780	1.780
FRI 105_Ant 0 TX	0.367	0.154	0.333	1.454	1.414	1.232	1.444	1.370	1.406	1.509	0.955	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	37.9	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	0.90	0.01	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 0	0.664	-61.6	-47.8	-207.0	133.4	0.82	0.01	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.664	-56.3	-49.9	-207.0	141.0	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.664	-61.6	-47.8	-207.0	96.1	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	16.1	0.49	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	48.8	0.43	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 227>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.550	0.560	0.378	0.550	0.516	0.592	0.655	0.101	0.677	0.747
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.051	0.333	1.231	1.241	1.069	1.271	1.197	1.233	1.336	0.782	1.358	1.428
WCDMA_V_Ant 0 TX0	0.468	0.051	0.333	1.352	1.402	1.220	1.432	1.358	1.394	1.497	0.943	1.519	1.589
LTE Band 12_Ant 0 TX0	0.274	0.051	0.333	1.208	1.218	1.036	1.248	1.174	1.210	1.313	0.759	1.335	1.405
LTE Band 13_Ant 0 TX0	0.336	0.051	0.333	1.270	1.280	1.098	1.310	1.236	1.272	1.375	0.821	1.397	1.467
LTE Band 14_Ant 0 TX0	0.359	0.051	0.333	1.293	1.303	1.121	1.333	1.259	1.295	1.398	0.844	1.420	1.490
LTE Band 25_Ant 0 Sub TX0	0.626	0.051	0.333	1.580	1.570	1.388	1.600	1.526	1.562	1.665	1.111	1.687	1.757
LTE Band 26_Ant 0 TX0	0.460	0.051	0.333	1.394	1.404	1.222	1.434	1.360	1.396	1.499	0.945	1.521	1.591
LTE Band 26_IC_Ant 0 TX0	0.456	0.051	0.333	1.390	1.400	1.218	1.430	1.356	1.392	1.495	0.941	1.517	1.587
LTE Band 41_Ant 0 Sub TX0	0.627	0.051	0.333	1.581	1.571	1.389	1.601	1.527	1.563	1.666	1.112	1.688	1.758
LTE Band 66_Ant 0 Sub TX0	0.628	0.051	0.333	1.582	1.572	1.390	1.602	1.528	1.564	1.667	1.113	1.689	1.759
LTE Band 71_Ant 0 TX0	0.340	0.051	0.333	1.274	1.284	1.102	1.314	1.240	1.276	1.379	0.825	1.401	1.471
FRI n12_Ant 0 TX0	0.257	0.051	0.333	1.191	1.201	1.019	1.231	1.157	1.193	1.296	0.742	1.318	1.388
FRI n14_Ant 0 TX0	0.376	0.051	0.333	1.310	1.320	1.138	1.350	1.276	1.312	1.415	0.861	1.437	1.507
FRI n05_Ant 0 Sub TX0	0.636	0.051	0.333	1.570	1.560	1.388	1.600	1.526	1.562	1.665	1.121	1.687	1.757
FRI n08_Ant 0 TX0	0.500	0.051	0.333	1.434	1.444	1.262	1.474	1.400	1.436	1.539	0.965	1.561	1.631
FRI n01_IC_Ant 0 TX0	0.480	0.051	0.333	1.424	1.434	1.252	1.464	1.390	1.426	1.529	0.975	1.551	1.621
FRI n06_Ant 0 Sub TX0	0.664	0.051	0.333	1.598	1.588	1.426	1.638	1.564	1.600	1.703	1.149	1.725	1.795
FRI n07_Ant 0 Sub TX0	0.501	0.051	0.333	1.465	1.465	1.313	1.525	1.451	1.487	1.590	0.986	1.612	1.682
FRI n08_Ant 0 Sub TX0	0.638	0.051	0.333	1.572	1.562	1.400	1.612	1.538	1.574	1.677	1.123	1.699	1.769
FRI n07_IC_Ant 0 TX0	0.387	0.051	0.333	1.301	1.311	1.129	1.341	1.267	1.303	1.406	0.852	1.428	1.498

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	39.5	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-62.0	-50.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	22.1	0.80	0.03	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 0	0.664	-56.3	-49.9	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0	141.0	1.00	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0	96.4	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	79.9	0.38	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	24.3	0.32	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 228>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRR1 r05_Ant 5 Sub TX1	FRR1 r08_Ant 5 Sub TX1	FRR1 r01_Ant 5 Sub TX1	FRR1 r04_Ant 5 Sub TX1	FRR1 r06_Ant 5 Sub TX1	FRR1 r07_Ant 5 Sub TX1	FRR1 r07_IC_Ant 5 Sub TX1
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.501	0.507	0.747	
	1g SAR (W/kg)			0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.250	0.333	1.430	1.440	1.228	1.470	1.396	1.432	1.535	0.981	1.527	1.627
WCDMA_V_Ant 0 TX0	0.458	0.250	0.333	1.591	1.601	1.419	1.631	1.557	1.593	1.695	1.142	1.719	1.789
LTE Band 12_Ant 0 TX0	0.274	0.250	0.333	1.407	1.417	1.235	1.447	1.373	1.409	1.512	0.958	1.534	1.634
LTE Band 13_Ant 0 TX0	0.336	0.250	0.333	1.469	1.479	1.297	1.509	1.435	1.471	1.574	1.020	1.596	1.695
LTE Band 14_Ant 0 TX0	0.359	0.250	0.333	1.492	1.502	1.320	1.532	1.458	1.494	1.597	1.043	1.619	1.699
LTE Band 25_Ant 0 Sub TX0	0.626	0.250	0.333	1.759	1.769	1.587	1.799	1.725	1.761	1.864	1.310	1.886	1.956
LTE Band 26_Ant 0 TX0	0.460	0.250	0.333	1.593	1.603	1.421	1.633	1.559	1.595	1.698	1.144	1.720	1.790
LTE Band 26_IC_Ant 0 TX0	0.456	0.250	0.333	1.589	1.599	1.417	1.629	1.555	1.591	1.694	1.140	1.716	1.786
LTE Band 41_Ant 0 Sub TX0	0.627	0.250	0.333	1.760	1.770	1.588	1.800	1.726	1.762	1.865	1.311	1.887	1.957
LTE Band 66_Ant 0 Sub TX0	0.628	0.250	0.333	1.761	1.771	1.589	1.801	1.727	1.763	1.866	1.312	1.888	1.958
LTE Band 71_Ant 0 TX0	0.340	0.250	0.333	1.473	1.483	1.301	1.513	1.439	1.475	1.578	1.024	1.600	1.670
FRR1 r12_Ant 0 TX0	0.257	0.250	0.333	1.395	1.405	1.218	1.430	1.356	1.392	1.495	0.941	1.517	1.587
FRR1 r14_Ant 0 TX0	0.376	0.250	0.333	1.509	1.519	1.337	1.549	1.475	1.511	1.614	1.060	1.636	1.706
FRR1 r05_Ant 0 Sub TX0	0.636	0.250	0.333	1.769	1.779	1.597	1.809	1.735	1.771	1.874	1.320	1.896	1.966
FRR1 r08_Ant 0 TX0	0.500	0.250	0.333	1.633	1.643	1.461	1.673	1.599	1.635	1.738	1.184	1.760	1.830
FRR1 r01_IC_Ant 0 TX0	0.490	0.250	0.333	1.623	1.633	1.451	1.663	1.589	1.625	1.728	1.174	1.750	1.820
FRR1 r04_Ant 0 Sub TX0	0.664	0.250	0.333	1.797	1.807	1.625	1.837	1.763	1.799	1.902	1.348	1.924	1.994
FRR1 r06_Ant 0 Sub TX0	0.501	0.250	0.333	1.644	1.654	1.472	1.724	1.650	1.686	1.789	1.235	1.811	1.881
FRR1 r08_Ant 0 Sub TX0	0.638	0.250	0.333	1.771	1.781	1.599	1.811	1.737	1.773	1.876	1.322	1.898	1.968
FRR1 r07_Ant 0 TX0	0.387	0.250	0.333	1.500	1.510	1.328	1.540	1.466	1.502	1.605	1.051	1.627	1.697

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	37.8	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	85.9	1.00	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	131.8	0.91	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	69.4	0.76	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	140.1	1.00	0.01	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	93.7	0.94	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	14.3	0.58	0.03	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	79.9	0.43	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	49.7	0.52	0.01	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	24.3	0.37	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	68.4	0.34	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 229>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r08_Ant 5 Sub TX1	FRI r01_Ant 5 Sub TX1	FRI r04_Ant 5 Sub TX1	FRI r06_Ant 5 Sub TX1	FRI r07_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1
Back	Ig SAR (W/kg)												
				0.550	0.560	0.378	0.550	0.516	0.552	0.501	0.577	0.747	
				0.174/9 Summed SAR	0.177/10 Summed SAR	0.174/11 Summed SAR	0.177/12 Summed SAR	0.177/13 Summed SAR	0.174/14 Summed SAR	0.177/15 Summed SAR	0.177/16 Summed SAR	0.174/17 Summed SAR	0.177/18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.333	0.207	1.387	1.387	1.215	1.427	1.383	1.389	1.452	0.938	1.514	1.584
WCDMA V_Ant 0 TX0	0.458	0.333	0.207	1.548	1.558	1.376	1.588	1.514	1.550	1.653	1.099	1.673	1.765
LTE Band 12_Ant 0 TX0	0.274	0.333	0.207	1.364	1.374	1.192	1.404	1.330	1.366	1.469	0.915	1.491	1.561
LTE Band 13_Ant 0 TX0	0.336	0.333	0.207	1.426	1.436	1.254	1.466	1.392	1.428	1.531	0.977	1.553	1.623
LTE Band 14_Ant 0 TX0	0.359	0.333	0.207	1.449	1.459	1.277	1.489	1.415	1.451	1.554	1.000	1.576	1.646
LTE Band 25_Ant 0 Sub TX0	0.626	0.333	0.207	1.716	1.726	1.544	1.756	1.682	1.718	1.821	1.267	1.843	1.913
LTE Band 26_Ant 0 TX0	0.460	0.333	0.207	1.550	1.560	1.378	1.590	1.516	1.552	1.655	1.101	1.677	1.747
LTE Band 26_IC_Ant 0 TX0	0.456	0.333	0.207	1.546	1.556	1.374	1.586	1.512	1.548	1.651	1.097	1.673	1.743
LTE Band 41_Ant 0 Sub TX0	0.627	0.333	0.207	1.717	1.727	1.545	1.757	1.683	1.719	1.822	1.268	1.844	1.914
LTE Band 66_Ant 0 Sub TX0	0.628	0.333	0.207	1.718	1.728	1.546	1.758	1.684	1.720	1.823	1.269	1.845	1.915
LTE Band 71_Ant 0 TX0	0.340	0.333	0.207	1.430	1.440	1.258	1.470	1.396	1.432	1.535	0.981	1.557	1.627
FRI r12_Ant 0 TX0	0.257	0.333	0.207	1.347	1.357	1.175	1.387	1.313	1.349	1.452	0.898	1.474	1.544
FRI r14_Ant 0 TX0	0.376	0.333	0.207	1.466	1.476	1.294	1.506	1.432	1.468	1.571	1.017	1.593	1.663
FRI r05_Ant 0 Sub TX0	0.636	0.333	0.207	1.728	1.738	1.554	1.766	1.692	1.728	1.831	1.277	1.853	1.923
FRI r08_Ant 0 TX0	0.500	0.333	0.207	1.590	1.600	1.418	1.630	1.556	1.592	1.695	1.141	1.717	1.787
FRI r01_IC_Ant 0 TX0	0.490	0.333	0.207	1.580	1.590	1.408	1.620	1.546	1.582	1.685	1.131	1.707	1.777
FRI r04_Ant 0 Sub TX0	0.664	0.333	0.207	1.754	1.764	1.582	1.794	1.720	1.756	1.859	1.305	1.881	1.951
FRI r06_Ant 0 Sub TX0	0.501	0.333	0.207	1.641	1.651	1.469	1.681	1.607	1.643	1.746	1.192	1.768	1.838
FRI r07_Ant 0 Sub TX0	0.638	0.333	0.207	1.729	1.739	1.556	1.768	1.694	1.730	1.833	1.279	1.855	1.925
FRI r07_IC_Ant 0 TX0	0.387	0.333	0.207	1.467	1.477	1.285	1.497	1.423	1.459	1.562	1.008	1.584	1.654

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	37.8	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	85.9	0.95	0.01	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	140.1	1.00	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	93.7	0.94	0.01	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	17.1	0.54	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	48.3	0.48	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				



<Case 230>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r08_Ant 5 Sub TX1	FRI r01_Ant 5 Sub TX1	FRI r04_Ant 5 Sub TX1	FRI r06_Ant 5 Sub TX1	FRI r07_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.950	0.950	0.938	0.950	0.916	0.952	0.955	0.901	0.977	0.747
				0.917+9.9 Summed SAR	0.917+10 Summed SAR	0.917+11 Summed SAR	0.917+12 Summed SAR	0.917+13 Summed SAR	0.917+14 Summed SAR	0.917+15 Summed SAR	0.917+16 Summed SAR	0.917+17 Summed SAR	0.917+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.333	0.199	1.379	1.389	1.207	1.419	1.345	1.381	1.484	1.091	1.506	1.576
WCDMA V_Ant 0 TX0	0.468	0.333	0.199	1.540	1.550	1.368	1.580	1.506	1.542	1.645	1.251	1.667	1.737
LTE Band 12_Ant 0 TX0	0.274	0.333	0.199	1.356	1.366	1.184	1.396	1.322	1.358	1.461	0.907	1.483	1.553
LTE Band 13_Ant 0 TX0	0.336	0.333	0.199	1.418	1.428	1.246	1.458	1.384	1.420	1.523	0.959	1.545	1.615
LTE Band 14_Ant 0 TX0	0.359	0.333	0.199	1.441	1.451	1.269	1.481	1.407	1.443	1.546	0.992	1.568	1.638
LTE Band 25_Ant 0 Sub TX0	0.626	0.333	0.199	1.709	1.719	1.536	1.748	1.674	1.710	1.813	1.259	1.835	1.905
LTE Band 26_Ant 0 Sub TX0	0.460	0.333	0.199	1.542	1.552	1.370	1.582	1.508	1.544	1.647	1.093	1.669	1.739
LTE Band 26_IC_Ant 0 TX0	0.456	0.333	0.199	1.538	1.548	1.366	1.578	1.504	1.540	1.643	1.089	1.665	1.735
LTE Band 41_Ant 0 Sub TX0	0.627	0.333	0.199	1.709	1.719	1.537	1.749	1.675	1.711	1.814	1.260	1.836	1.906
LTE Band 66_Ant 0 Sub TX0	0.628	0.333	0.199	1.710	1.720	1.538	1.750	1.676	1.712	1.815	1.261	1.837	1.907
LTE Band 71_Ant 0 TX0	0.340	0.333	0.199	1.422	1.432	1.250	1.462	1.388	1.424	1.527	0.973	1.549	1.619
FRI r12_Ant 0 TX0	0.257	0.333	0.199	1.339	1.349	1.167	1.379	1.305	1.341	1.444	0.890	1.466	1.536
FRI r14_Ant 0 TX0	0.376	0.333	0.199	1.458	1.468	1.286	1.498	1.424	1.460	1.563	1.009	1.585	1.655
FRI r05_Ant 0 Sub TX0	0.636	0.333	0.199	1.718	1.728	1.546	1.758	1.684	1.720	1.823	1.269	1.845	1.915
FRI r08_Ant 0 TX0	0.500	0.333	0.199	1.582	1.592	1.410	1.622	1.548	1.584	1.687	1.133	1.709	1.779
FRI r01_Ant 0 Sub TX0	0.480	0.333	0.199	1.572	1.582	1.400	1.612	1.538	1.574	1.677	1.123	1.699	1.769
FRI r04_Ant 0 Sub TX0	0.664	0.333	0.199	1.748	1.758	1.574	1.786	1.712	1.748	1.851	1.297	1.873	1.943
FRI r06_Ant 0 Sub TX0	0.661	0.333	0.199	1.633	1.643	1.461	1.673	1.599	1.635	1.738	1.184	1.760	1.830
FRI r07_Ant 0 Sub TX0	0.638	0.333	0.199	1.720	1.730	1.548	1.760	1.686	1.722	1.825	1.271	1.847	1.917
FRI r07_IC_Ant 0 TX0	0.387	0.333	0.199	1.449	1.459	1.277	1.489	1.415	1.451	1.554	1.000	1.576	1.646

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	37.8	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	24.3	0.95	0.04	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	140.1	1.00	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	93.7	0.94	0.01	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	79.6	0.53	0.00	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	22.5	0.47	0.01	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				



<Case 231>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRR1 r05_Ant 5 Sub TX1	FRR1 r08_Ant 5 Sub TX1	FRR1 r01_Ant 5 Sub TX1	FRR1 r04_Ant 5 Sub TX1	FRR1 r06_Ant 5 Sub TX1	FRR1 r07_IC_Ant 5 Sub TX1	FRR1 r07_IC_Ant 5 Sub TX1	
Back				0.550	0.550	0.378	0.550	0.516						
		1g SAR (W/kg)			0.174/9 Summed SAR	0.174/10 Summed SAR	0.174/11 Summed SAR	0.174/12 Summed SAR	0.174/13 Summed SAR	0.174/14 Summed SAR	0.174/15 Summed SAR	0.174/16 Summed SAR	0.174/17 Summed SAR	0.174/18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.333	0.201	1.381	1.381	1.209	1.421	1.347	1.383	1.456	0.932	1.508	1.578	
WCDMA_V_Ant 0 TX0	0.458	0.333	0.201	1.542	1.542	1.370	1.582	1.508	1.544	1.617	1.093	1.669	1.739	
LTE Band 12_Ant 0 TX0	0.274	0.333	0.201	1.358	1.358	1.186	1.398	1.324	1.360	1.463	0.909	1.485	1.555	
LTE Band 13_Ant 0 TX0	0.336	0.333	0.201	1.420	1.420	1.248	1.460	1.386	1.422	1.525	0.971	1.547	1.617	
LTE Band 14_Ant 0 TX0	0.359	0.333	0.201	1.443	1.443	1.271	1.483	1.409	1.445	1.548	0.994	1.570	1.640	
LTE Band 25_Ant 0 Sub TX0	0.626	0.333	0.201	1.719	1.719	1.538	1.750	1.676	1.712	1.815	1.261	1.837	1.907	
LTE Band 26_Ant 0 TX0	0.460	0.333	0.201	1.544	1.544	1.372	1.584	1.510	1.546	1.649	1.095	1.671	1.741	
LTE Band 26_IC_Ant 0 TX0	0.456	0.333	0.201	1.540	1.540	1.368	1.580	1.506	1.542	1.645	1.091	1.667	1.737	
LTE Band 41_Ant 0 Sub TX0	0.627	0.333	0.201	1.711	1.711	1.539	1.751	1.677	1.713	1.816	1.262	1.838	1.908	
LTE Band 66_Ant 0 Sub TX0	0.628	0.333	0.201	1.712	1.712	1.540	1.752	1.678	1.714	1.817	1.263	1.839	1.909	
LTE Band 71_Ant 0 TX0	0.340	0.333	0.201	1.424	1.424	1.252	1.464	1.390	1.426	1.529	0.975	1.551	1.621	
FRR1 r12_Ant 0 TX0	0.257	0.333	0.201	1.341	1.341	1.169	1.381	1.307	1.343	1.446	0.892	1.468	1.538	
FRR1 r14_Ant 0 TX0	0.376	0.333	0.201	1.460	1.460	1.288	1.500	1.426	1.462	1.565	1.011	1.587	1.657	
FRR1 r05_Ant 0 Sub TX0	0.636	0.333	0.201	1.728	1.728	1.548	1.760	1.688	1.724	1.827	1.271	1.849	1.919	
FRR1 r08_Ant 0 TX0	0.500	0.333	0.201	1.584	1.584	1.412	1.624	1.550	1.586	1.689	1.136	1.711	1.781	
FRR1 r01_Ant 0 TX0	0.480	0.333	0.201	1.574	1.574	1.384	1.604	1.540	1.576	1.679	1.125	1.701	1.771	
FRR1 r04_Ant 0 TX0	0.664	0.333	0.201	1.748	1.748	1.576	1.788	1.714	1.750	1.853	1.299	1.875	1.945	
FRR1 r06_Ant 0 Sub TX0	0.651	0.333	0.201	1.685	1.685	1.483	1.675	1.601	1.637	1.740	1.186	1.762	1.832	
FRR1 r07_IC_Ant 0 Sub TX0	0.638	0.333	0.201	1.722	1.722	1.550	1.762	1.688	1.724	1.827	1.273	1.849	1.919	
FRR1 r07_Ant 0 TX0	0.387	0.333	0.201	1.461	1.461	1.279	1.491	1.417	1.453	1.556	1.002	1.578	1.648	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	37.8	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	85.2	0.95	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	131.6	0.87	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	68.7	0.74	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	95.7	1.08	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	140.1	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	93.7	0.94	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	17.6	0.53	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	82.4	0.41	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	47.6	0.47	0.01	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	25.2	0.35	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	69.3	0.28	0.00	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required



<Case 232>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position, E, H, and SAR values for various frequencies and locations (e.g., SAR1, SAR2, SAR3).

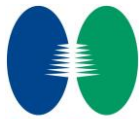
Table with columns for Position, E, H, and SAR values for various frequencies and locations (e.g., SAR1, SAR2, SAR3).

<Case 233>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position, E, H, and SAR values for various frequencies and locations (e.g., SAR1, SAR2, SAR3).

Table with columns for Position, E, H, and SAR values for various frequencies and locations (e.g., SAR1, SAR2, SAR3).



FCC SAR TEST REPORT

Report No. :FA4N0920C

<Case 234>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	ID	FREQ (MHz)	Power (mW)	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16					
				R1		R2		R3		R4		R5		R6		R7		R8		R9		R10		R11		R12		R13		R14		R15		R16		R17		R18	
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
Back		1.500	1.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500		
0.000m x 0.000m		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Exposure Position	ID	FREQ (MHz)	Power (mW)	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
				R1		R2		R3		R4		R5		R6		R7		R8		R9		R10		R11		R12		R13		R14		R15		R16		R17		R18	
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Back		1.500	1.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
0.000m x 0.000m		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

<Case 235>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	ID	FREQ (MHz)	Power (mW)	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
				R1		R2		R3		R4		R5		R6		R7		R8		R9		R10		R11		R12		R13		R14		R15		R16		R17		R18	
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Back		1.500	1.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
0.000m x 0.000m		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Exposure Position	ID	FREQ (MHz)	Power (mW)	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
				R1		R2		R3		R4		R5		R6		R7		R8		R9		R10		R11		R12		R13		R14		R15		R16		R17		R18	
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Back		1.500	1.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
0.000m x 0.000m		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



<Case 236>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position, W, E, N, S, NE, SE, SW, NW, and SAR values for various frequencies and positions.

Table with columns for Position, W, E, N, S, NE, SE, SW, NW, and SAR values for various frequencies and positions.

<Case 237>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position, W, E, N, S, NE, SE, SW, NW, and SAR values for various frequencies and positions.

Table with columns for Position, W, E, N, S, NE, SE, SW, NW, and SAR values for various frequencies and positions.



<Case 238>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5GHz Ant 4+3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	FR1 n77_IC_Ant 6 TXD
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TXI	0.664	0.154	0.333	1.759	1.940	1.627	1.824
GSM1900_Ant 1 TXI	0.238	0.154	0.333	1.333	1.514	1.201	1.398
WCDMA II_Ant 1 TXI	0.828	0.154	0.333	1.923	2.104	1.791	1.988
WCDMA IV_Ant 1 TXI	0.212	0.154	0.333	1.307	1.488	1.175	1.372
WCDMA V_Ant 1 TXI	0.307	0.154	0.333	1.402	1.583	1.270	1.467
LTE Band 7_Ant 1 TXI	0.786	0.154	0.333	1.881	2.062	1.749	1.946
LTE Band 12_Ant 1 TXI	0.297	0.154	0.333	1.392	1.573	1.260	1.457
LTE Band 13_Ant 1 TXI	0.393	0.154	0.333	1.488	1.669	1.356	1.553
LTE Band 14_Ant 1 TXI	0.362	0.154	0.333	1.457	1.638	1.325	1.522
LTE Band 25_Ant 1 TXI	0.785	0.154	0.333	1.880	2.061	1.748	1.945
LTE Band 26_Ant 1 TXI	0.289	0.154	0.333	1.384	1.565	1.252	1.449
LTE Band 26_IC_Ant 1 TXI	0.322	0.154	0.333	1.417	1.598	1.285	1.482
LTE Band 30_Ant 1 TXI	0.402	0.154	0.333	1.497	1.678	1.365	1.562
LTE Band 41_Ant 1 TXI	0.775	0.154	0.333	1.870	2.051	1.738	1.935
LTE Band 48_Ant 1 TXI	0.552	0.154	0.333	1.647	1.828	1.515	1.712
LTE Band 66_Ant 1 TXI	0.164	0.154	0.333	1.259	1.440	1.127	1.324
FR1 n7_Ant 1 TXI	0.784	0.154	0.333	1.879	2.060	1.747	1.944
FR1 n12_Ant 1 TXI	0.309	0.154	0.333	1.404	1.585	1.272	1.469
FR1 n14_Ant 1 TXI	0.365	0.154	0.333	1.460	1.641	1.328	1.525
FR1 n25_Ant 1 TXI	0.595	0.154	0.333	1.690	1.871	1.558	1.755
FR1 n26_Ant 1 TXI	0.302	0.154	0.333	1.397	1.578	1.265	1.462
FR1 n26_IC_Ant 1 TXI	0.335	0.154	0.333	1.430	1.611	1.298	1.495
FR1 n30_Ant 1 TXI	0.819	0.154	0.333	1.914	2.095	1.782	1.979
FR1 n38_Ant 1 TXI	0.664	0.154	0.333	1.759	1.940	1.627	1.824
FR1 n41_Ant 1 TXI	0.668	0.154	0.333	1.763	1.944	1.631	1.828
FR1 n48_Ant 1 TXI	0.735	0.154	0.333	1.830	2.011	1.698	1.895
FR1 n68_Ant 1 TXI	0.281	0.154	0.333	1.376	1.557	1.244	1.441
FR1 n70_Ant 1 TXI	0.186	0.154	0.333	1.281	1.462	1.149	1.346
FR1 n71_Ant 1 TXI	0.277	0.154	0.333	1.372	1.553	1.240	1.437
FR1 n77_Ant 1 TXI	0.406	0.154	0.333	1.501	1.682	1.369	1.566
FR1 n77_IC_Ant 1 TXI	0.680	0.154	0.333	1.775	1.956	1.643	1.840

SAR peak location (mm)			X (axis)	-20	-57.8	-52.5	-59.5	-50.5	-66	
			Y (axis)	79	48.2	-78	-55	-72.5	-53	
			Z (axis)	-207	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12
			Back	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5GHz Ant 4+3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	FR1 n77_IC_Ant 6 TXD
			1g SAR (W/kg)			0.608 0.789 0.476 0.673				
						0+1+2+9 SPLSR Results 0+1+2+10 SPLSR Results 0+1+2+11 SPLSR Results 0+1+2+12 SPLSR Results				
-66.2	61.6	-207	GSM850_Ant 1 TXI	0.664	0.154	0.333	0.02	0.03	0.02	0.02
-63.7	57.5	-207	GSM1900_Ant 1 TXI	0.238	0.154	0.333				
-66.8	63.1	-207	WCDMA II_Ant 1 TXI	0.828	0.154	0.333	0.02	0.03	0.02	0.03
-69.4	60.7	-207	WCDMA IV_Ant 1 TXI	0.212	0.154	0.333				
-67.7	59.8	-207	WCDMA V_Ant 1 TXI	0.307	0.154	0.333				
-64.5	57	-207	LTE Band 7_Ant 1 TXI	0.786	0.154	0.333	0.02	0.03	0.02	0.03
-66.5	55.3	-207	LTE Band 12_Ant 1 TXI	0.297	0.154	0.333				
-65.3	55.3	-207	LTE Band 13_Ant 1 TXI	0.393	0.154	0.333		0.02		
-63.8	55.3	-207	LTE Band 14_Ant 1 TXI	0.362	0.154	0.333		0.02		
-68.9	62.9	-207	LTE Band 25_Ant 1 TXI	0.785	0.154	0.333	0.02	0.03	0.02	0.03
-66.5	61.3	-207	LTE Band 26_Ant 1 TXI	0.289	0.154	0.333				
-66.5	61.3	-207	LTE Band 26_IC_Ant 1 TXI	0.322	0.154	0.333		0.02		
-68.5	60.5	-207	LTE Band 30_Ant 1 TXI	0.402	0.154	0.333		0.02		
-59	59	-207	LTE Band 41_Ant 1 TXI	0.775	0.154	0.333	0.02	0.03	0.02	0.03
-63.5	52	-207	LTE Band 48_Ant 1 TXI	0.552	0.154	0.333	0.02	0.02		0.02
-64.4	58.6	-207	LTE Band 66_Ant 1 TXI	0.164	0.154	0.333				
-63	55.5	-207	FR1 n7_Ant 1 TXI	0.784	0.154	0.333	0.02	0.03	0.02	0.03
-60.1	57.6	-207	FR1 n12_Ant 1 TXI	0.309	0.154	0.333				
-55.4	58.1	-207	FR1 n14_Ant 1 TXI	0.365	0.154	0.333		0.02		
-66.4	65.3	-207	FR1 n25_Ant 1 TXI	0.595	0.154	0.333	0.02	0.02		0.02
-67.6	60.6	-207	FR1 n26_Ant 1 TXI	0.302	0.154	0.333				
-67.6	60.6	-207	FR1 n26_IC_Ant 1 TXI	0.335	0.154	0.333		0.02		
-66.5	64.5	-207	FR1 n30_Ant 1 TXI	0.819	0.154	0.333	0.02	0.03	0.02	0.03
-64	56.5	-207	FR1 n38_Ant 1 TXI	0.664	0.154	0.333	0.02	0.03	0.02	0.02
-64.5	57	-207	FR1 n41_Ant 1 TXI	0.668	0.154	0.333	0.02	0.03	0.02	0.02
-63	45	-207	FR1 n48_Ant 1 TXI	0.735	0.154	0.333	0.02	0.03	0.02	0.03
-65.4	58.6	-207	FR1 n68_Ant 1 TXI	0.281	0.154	0.333				
-64.9	58.1	-207	FR1 n70_Ant 1 TXI	0.186	0.154	0.333				
-60.6	58.1	-207	FR1 n71_Ant 1 TXI	0.277	0.154	0.333				
-62	51	-207	FR1 n77_Ant 1 TXI	0.406	0.154	0.333		0.02		
-66	49	-207	FR1 n77_IC_Ant 1 TXI	0.680	0.154	0.333	0.02	0.03	0.02	0.02



<Case 239>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TX1	0.664	0.051	0.333	1.656	1.837	1.524	1.721
GSM1900_Ant 1 TX1	0.238	0.051	0.333	1.230	1.411	1.098	1.295
WCDMA II_Ant 1 TX1	0.828	0.051	0.333	1.820	2.001	1.688	1.885
WCDMA IV_Ant 1 TX1	0.212	0.051	0.333	1.204	1.385	1.072	1.269
WCDMA V_Ant 1 TX1	0.307	0.051	0.333	1.299	1.480	1.167	1.364
LTE Band 7_Ant 1 TX1	0.786	0.051	0.333	1.778	1.959	1.646	1.843
LTE Band 12_Ant 1 TX1	0.297	0.051	0.333	1.289	1.470	1.157	1.354
LTE Band 13_Ant 1 TX1	0.393	0.051	0.333	1.385	1.566	1.253	1.450
LTE Band 14_Ant 1 TX1	0.362	0.051	0.333	1.354	1.535	1.222	1.419
LTE Band 25_Ant 1 TX1	0.785	0.051	0.333	1.777	1.958	1.645	1.842
LTE Band 26_Ant 1 TX1	0.289	0.051	0.333	1.281	1.462	1.149	1.346
LTE Band 26_IC_Ant 1 TX1	0.322	0.051	0.333	1.314	1.495	1.182	1.379
LTE Band 30_Ant 1 TX1	0.402	0.051	0.333	1.394	1.575	1.262	1.459
LTE Band 41_Ant 1 TX1	0.775	0.051	0.333	1.767	1.948	1.635	1.832
LTE Band 48_Ant 1 TX1	0.552	0.051	0.333	1.544	1.725	1.412	1.609
LTE Band 66_Ant 1 TX1	0.164	0.051	0.333	1.156	1.337	1.024	1.221
FR1 n7_Ant 1 TX1	0.784	0.051	0.333	1.776	1.957	1.644	1.841
FR1 n12_Ant 1 TX1	0.309	0.051	0.333	1.301	1.482	1.169	1.366
FR1 n14_Ant 1 TX1	0.365	0.051	0.333	1.357	1.538	1.225	1.422
FR1 n25_Ant 1 TX1	0.595	0.051	0.333	1.587	1.768	1.455	1.652
FR1 n26_Ant 1 TX1	0.302	0.051	0.333	1.294	1.475	1.162	1.359
FR1 n26_IC_Ant 1 TX1	0.335	0.051	0.333	1.327	1.508	1.195	1.392
FR1 n30_Ant 1 TX1	0.819	0.051	0.333	1.811	1.992	1.679	1.876
FR1 n38_Ant 1 TX1	0.664	0.051	0.333	1.656	1.837	1.524	1.721
FR1 n41_Ant 1 TX1	0.668	0.051	0.333	1.660	1.841	1.528	1.725
FR1 n48_Ant 1 TX1	0.735	0.051	0.333	1.727	1.908	1.595	1.792
FR1 n68_Ant 1 TX1	0.281	0.051	0.333	1.273	1.454	1.141	1.338
FR1 n70_Ant 1 TX1	0.186	0.051	0.333	1.178	1.359	1.046	1.243
FR1 n71_Ant 1 TX1	0.277	0.051	0.333	1.269	1.450	1.137	1.334
FR1 n77_Ant 1 TX1	0.406	0.051	0.333	1.398	1.579	1.266	1.463
FR1 n77_IC_Ant 1 TX1	0.680	0.051	0.333	1.672	1.853	1.540	1.737

SAR peak location (mm)			X (axis)	-60	-67.8	-62.5	-59.5	-50.5	-66	
			Y (axis)	24	48.2	-78	-55	-72.5	-53	
			Z (axis)	-207	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12
			Back	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
			1g SAR (W/kg)			0.608 0.789 0.476 0.673				
						0+1+2+9 SPLSR Results 0+1+2+10 SPLSR Results 0+1+2+11 SPLSR Results 0+1+2+12 SPLSR Results				
-66.2	61.6	-207	GSM850_Ant 1 TX1	0.664	0.051	0.333	0.02	0.03		0.03
-63.7	57.5	-207	GSM1900_Ant 1 TX1	0.238	0.051	0.333				
-66.8	63.1	-207	WCDMA II_Ant 1 TX1	0.828	0.051	0.333	0.02	0.04	0.02	0.03
-69.4	60.7	-207	WCDMA IV_Ant 1 TX1	0.212	0.051	0.333				
-67.7	59.8	-207	WCDMA V_Ant 1 TX1	0.307	0.051	0.333				
-64.5	57	-207	LTE Band 7_Ant 1 TX1	0.786	0.051	0.333	0.02	0.03	0.02	0.03
-66.5	55.3	-207	LTE Band 12_Ant 1 TX1	0.297	0.051	0.333				
-65.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.393	0.051	0.333				
-63.8	55.3	-207	LTE Band 14_Ant 1 TX1	0.362	0.051	0.333				
-68.9	62.9	-207	LTE Band 25_Ant 1 TX1	0.785	0.051	0.333	0.02	0.03	0.02	0.03
-66.5	61.3	-207	LTE Band 26_Ant 1 TX1	0.289	0.051	0.333				
-66.5	61.3	-207	LTE Band 26_IC_Ant 1 TX1	0.322	0.051	0.333				
-68.5	60.5	-207	LTE Band 30_Ant 1 TX1	0.402	0.051	0.333				
-59	59	-207	LTE Band 41_Ant 1 TX1	0.775	0.051	0.333	0.02	0.03	0.02	0.03
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.552	0.051	0.333				
-64.4	58.6	-207	LTE Band 66_Ant 1 TX1	0.164	0.051	0.333				
-63	55.5	-207	FR1 n7_Ant 1 TX1	0.784	0.051	0.333	0.02	0.03	0.02	0.03
-60.1	57.6	-207	FR1 n12_Ant 1 TX1	0.309	0.051	0.333				
-55.4	58.1	-207	FR1 n14_Ant 1 TX1	0.365	0.051	0.333				
-66.4	65.3	-207	FR1 n25_Ant 1 TX1	0.595	0.051	0.333			0.03	0.03
-67.6	60.6	-207	FR1 n26_Ant 1 TX1	0.302	0.051	0.333				
-67.6	60.6	-207	FR1 n26_IC_Ant 1 TX1	0.335	0.051	0.333				
-66.5	64.5	-207	FR1 n30_Ant 1 TX1	0.819	0.051	0.333	0.02	0.04	0.02	0.03
-64	56.5	-207	FR1 n38_Ant 1 TX1	0.664	0.051	0.333	0.02	0.03		0.03
-64.5	57	-207	FR1 n41_Ant 1 TX1	0.668	0.051	0.333	0.02	0.03		0.03
-63	45	-207	FR1 n48_Ant 1 TX1	0.735	0.051	0.333	0.02	0.03	0.02	0.03
-65.4	58.6	-207	FR1 n68_Ant 1 TX1	0.281	0.051	0.333				
-64.9	58.1	-207	FR1 n70_Ant 1 TX1	0.186	0.051	0.333				
-60.6	58.1	-207	FR1 n71_Ant 1 TX1	0.277	0.051	0.333				
-62	51	-207	FR1 n77_Ant 1 TX1	0.406	0.051	0.333				
-66	49	-207	FR1 n77_IC_Ant 1 TX1	0.680	0.051	0.333	0.02	0.03		0.03



<Case 240>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	FR1 n77_IC_Ant 6 TXD
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TXI	0.664	0.250	0.333	1.855	2.036	1.723	1.920
GSM1900_Ant 1 TXI	0.238	0.250	0.333	1.429	1.610	1.297	1.494
WCDMA II_Ant 1 TXI	0.828	0.250	0.333	2.019	2.200	1.887	2.084
WCDMA IV_Ant 1 TXI	0.212	0.250	0.333	1.403	1.584	1.271	1.468
WCDMA V_Ant 1 TXI	0.307	0.250	0.333	1.498	1.679	1.366	1.563
LTE Band 7_Ant 1 TXI	0.786	0.250	0.333	1.977	2.158	1.845	2.042
LTE Band 12_Ant 1 TXI	0.297	0.250	0.333	1.488	1.669	1.356	1.553
LTE Band 13_Ant 1 TXI	0.393	0.250	0.333	1.584	1.765	1.452	1.649
LTE Band 14_Ant 1 TXI	0.362	0.250	0.333	1.553	1.734	1.421	1.618
LTE Band 25_Ant 1 TXI	0.785	0.250	0.333	1.976	2.157	1.844	2.041
LTE Band 26_Ant 1 TXI	0.289	0.250	0.333	1.480	1.661	1.348	1.545
LTE Band 26_IC_Ant 1 TXI	0.322	0.250	0.333	1.513	1.694	1.381	1.578
LTE Band 30_Ant 1 TXI	0.402	0.250	0.333	1.593	1.774	1.461	1.658
LTE Band 41_Ant 1 TXI	0.775	0.250	0.333	1.966	2.147	1.834	2.031
LTE Band 48_Ant 1 TXI	0.552	0.250	0.333	1.743	1.924	1.611	1.808
LTE Band 66_Ant 1 TXI	0.164	0.250	0.333	1.355	1.536	1.223	1.420
FR1 n7_Ant 1 TXI	0.784	0.250	0.333	1.975	2.156	1.843	2.040
FR1 n12_Ant 1 TXI	0.309	0.250	0.333	1.500	1.681	1.368	1.565
FR1 n14_Ant 1 TXI	0.365	0.250	0.333	1.566	1.737	1.424	1.621
FR1 n25_Ant 1 TXI	0.595	0.250	0.333	1.786	1.967	1.654	1.851
FR1 n26_Ant 1 TXI	0.302	0.250	0.333	1.493	1.674	1.361	1.558
FR1 n26_IC_Ant 1 TXI	0.335	0.250	0.333	1.526	1.707	1.394	1.591
FR1 n30_Ant 1 TXI	0.819	0.250	0.333	2.010	2.191	1.878	2.075
FR1 n38_Ant 1 TXI	0.664	0.250	0.333	1.855	2.036	1.723	1.920
FR1 n41_Ant 1 TXI	0.668	0.250	0.333	1.859	2.040	1.727	1.924
FR1 n48_Ant 1 TXI	0.735	0.250	0.333	1.926	2.107	1.794	1.991
FR1 n68_Ant 1 TXI	0.281	0.250	0.333	1.472	1.653	1.340	1.537
FR1 n70_Ant 1 TXI	0.186	0.250	0.333	1.377	1.558	1.245	1.442
FR1 n71_Ant 1 TXI	0.277	0.250	0.333	1.468	1.649	1.336	1.533
FR1 n77_Ant 1 TXI	0.406	0.250	0.333	1.597	1.778	1.465	1.662
FR1 n77_IC_Ant 1 TXI	0.680	0.250	0.333	1.871	2.052	1.739	1.936

SAR peak location (mm)			X (axis)	-60	-67.8	-62.5	-59.5	-50.5	-66	
			Y (axis)	24	48.2	-78	-55	-72.5	-53	
			Z (axis)	-207	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	FR1 n77_IC_Ant 6 TXD
			Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results
-66.2	61.6	-207	GSM850_Ant 1 TXI	0.664	0.250	0.333	0.02	0.04	0.02	0.03
-63.7	57.5	-207	GSM1900_Ant 1 TXI	0.238	0.250	0.333		0.03		
-66.8	63.1	-207	WCDMA II_Ant 1 TXI	0.828	0.250	0.333	0.03	0.04	0.03	0.04
-69.4	60.7	-207	WCDMA IV_Ant 1 TXI	0.212	0.250	0.333				
-67.7	59.8	-207	WCDMA V_Ant 1 TXI	0.307	0.250	0.333		0.03		
-64.5	57	-207	LTE Band 7_Ant 1 TXI	0.786	0.250	0.333	0.03	0.04	0.03	0.04
-66.5	55.3	-207	LTE Band 12_Ant 1 TXI	0.297	0.250	0.333		0.03		
-65.3	55.3	-207	LTE Band 13_Ant 1 TXI	0.393	0.250	0.333		0.03		0.03
-63.8	55.3	-207	LTE Band 14_Ant 1 TXI	0.362	0.250	0.333		0.03		0.03
-66.9	62.9	-207	LTE Band 25_Ant 1 TXI	0.785	0.250	0.333	0.03	0.04	0.03	0.04
-66.5	61.3	-207	LTE Band 26_Ant 1 TXI	0.289	0.250	0.333		0.03		
-66.5	61.3	-207	LTE Band 26_IC_Ant 1 TXI	0.322	0.250	0.333		0.03		
-68.5	60.5	-207	LTE Band 30_Ant 1 TXI	0.402	0.250	0.333		0.03		0.03
-59	59	-207	LTE Band 41_Ant 1 TXI	0.775	0.250	0.333	0.03	0.04	0.03	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TXI	0.552	0.250	0.333	0.02	0.03	0.02	0.03
-64.4	58.6	-207	LTE Band 66_Ant 1 TXI	0.164	0.250	0.333				
-63	55.5	-207	FR1 n7_Ant 1 TXI	0.784	0.250	0.333	0.03	0.04	0.03	0.04
-60.1	57.6	-207	FR1 n12_Ant 1 TXI	0.309	0.250	0.333		0.03		
-55.4	58.1	-207	FR1 n14_Ant 1 TXI	0.365	0.250	0.333		0.03		0.03
-66.4	65.3	-207	FR1 n25_Ant 1 TXI	0.595	0.250	0.333	0.02	0.03	0.02	0.03
-67.6	60.6	-207	FR1 n26_Ant 1 TXI	0.302	0.250	0.333		0.03		
-67.6	60.6	-207	FR1 n26_IC_Ant 1 TXI	0.335	0.250	0.333		0.03		
-66.5	64.5	-207	FR1 n30_Ant 1 TXI	0.819	0.250	0.333	0.03	0.04	0.03	0.04
-64	56.5	-207	FR1 n38_Ant 1 TXI	0.664	0.250	0.333	0.02	0.04	0.02	0.03
-64.5	57	-207	FR1 n41_Ant 1 TXI	0.668	0.250	0.333	0.02	0.04	0.02	0.03
-63	45	-207	FR1 n48_Ant 1 TXI	0.735	0.250	0.333	0.03	0.04	0.02	0.04
-65.4	58.6	-207	FR1 n68_Ant 1 TXI	0.281	0.250	0.333		0.03		
-64.9	58.1	-207	FR1 n70_Ant 1 TXI	0.186	0.250	0.333				
-60.6	58.1	-207	FR1 n71_Ant 1 TXI	0.277	0.250	0.333		0.03		
-62	51	-207	FR1 n77_Ant 1 TXI	0.406	0.250	0.333	0.02	0.03		0.03
-66	49	-207	FR1 n77_IC_Ant 1 TXI	0.680	0.250	0.333	0.03	0.04	0.02	0.03



<Case 241>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz_Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TX1	0.664	0.333	0.207	1.812	1.993	1.680	1.877
GSM1900_Ant 1 TX1	0.238	0.333	0.207	1.386	1.567	1.254	1.451
WCDMA II_Ant 1 TX1	0.828	0.333	0.207	1.976	2.157	1.844	2.041
WCDMA IV_Ant 1 TX1	0.212	0.333	0.207	1.360	1.541	1.228	1.425
WCDMA V_Ant 1 TX1	0.307	0.333	0.207	1.455	1.636	1.323	1.520
LTE Band 7_Ant 1 TX1	0.786	0.333	0.207	1.934	2.115	1.802	1.999
LTE Band 12_Ant 1 TX1	0.297	0.333	0.207	1.445	1.626	1.313	1.510
LTE Band 13_Ant 1 TX1	0.393	0.333	0.207	1.541	1.722	1.409	1.606
LTE Band 14_Ant 1 TX1	0.362	0.333	0.207	1.510	1.691	1.378	1.575
LTE Band 25_Ant 1 TX1	0.785	0.333	0.207	1.933	2.114	1.801	1.998
LTE Band 26_Ant 1 TX1	0.289	0.333	0.207	1.437	1.618	1.305	1.502
LTE Band 26_IC_Ant 1 TX1	0.322	0.333	0.207	1.470	1.651	1.338	1.535
LTE Band 30_Ant 1 TX1	0.402	0.333	0.207	1.550	1.731	1.418	1.615
LTE Band 41_Ant 1 TX1	0.775	0.333	0.207	1.923	2.104	1.791	1.988
LTE Band 48_Ant 1 TX1	0.552	0.333	0.207	1.700	1.881	1.568	1.765
LTE Band 66_Ant 1 TX1	0.164	0.333	0.207	1.312	1.493	1.180	1.377
FR1 n7_Ant 1 TX1	0.784	0.333	0.207	1.932	2.113	1.800	1.997
FR1 n12_Ant 1 TX1	0.309	0.333	0.207	1.457	1.638	1.325	1.522
FR1 n14_Ant 1 TX1	0.365	0.333	0.207	1.513	1.694	1.381	1.578
FR1 n25_Ant 1 TX1	0.595	0.333	0.207	1.743	1.924	1.611	1.808
FR1 n26_Ant 1 TX1	0.302	0.333	0.207	1.450	1.631	1.318	1.515
FR1 n26_IC_Ant 1 TX1	0.335	0.333	0.207	1.483	1.664	1.351	1.548
FR1 n30_Ant 1 TX1	0.819	0.333	0.207	1.967	2.148	1.835	2.032
FR1 n38_Ant 1 TX1	0.664	0.333	0.207	1.812	1.993	1.680	1.877
FR1 n41_Ant 1 TX1	0.668	0.333	0.207	1.816	1.997	1.684	1.881
FR1 n48_Ant 1 TX1	0.735	0.333	0.207	1.883	2.064	1.751	1.948
FR1 n68_Ant 1 TX1	0.281	0.333	0.207	1.429	1.610	1.297	1.494
FR1 n70_Ant 1 TX1	0.186	0.333	0.207	1.334	1.515	1.202	1.399
FR1 n71_Ant 1 TX1	0.277	0.333	0.207	1.425	1.606	1.293	1.490
FR1 n77_Ant 1 TX1	0.406	0.333	0.207	1.554	1.735	1.422	1.619
FR1 n77_IC_Ant 1 TX1	0.680	0.333	0.207	1.828	2.009	1.696	1.893

SAR peak location (mm)			X (axis)											
			Y (axis)		Z (axis)		0		7		9		11	
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN5/6GHz_Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0	0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results
				Back			1g SAR (W/kg)			0.608	0.789	0.476	0.673	
-66.2	61.6	-207	GSM850_Ant 1 TX1	0.664	0.333	0.207	0.02	0.03	0.02	0.03				
-63.7	57.5	-207	GSM1900_Ant 1 TX1	0.238	0.333	0.207								
-66.8	63.1	-207	WCDMA II_Ant 1 TX1	0.828	0.333	0.207	0.02	0.03	0.02	0.03				
-69.4	60.7	-207	WCDMA IV_Ant 1 TX1	0.212	0.333	0.207								
-67.7	59.8	-207	WCDMA V_Ant 1 TX1	0.307	0.333	0.207			0.02					
-64.5	57	-207	LTE Band 7_Ant 1 TX1	0.786	0.333	0.207	0.02	0.03	0.02	0.03				0.03
-66.5	55.3	-207	LTE Band 12_Ant 1 TX1	0.297	0.333	0.207			0.02					
-65.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.393	0.333	0.207			0.02					0.02
-63.8	55.3	-207	LTE Band 14_Ant 1 TX1	0.362	0.333	0.207			0.02					0.02
-66.9	62.9	-207	LTE Band 25_Ant 1 TX1	0.785	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03
-66.5	61.3	-207	LTE Band 26_Ant 1 TX1	0.289	0.333	0.207			0.02					
-66.5	61.3	-207	LTE Band 26_IC_Ant 1 TX1	0.322	0.333	0.207			0.02					
-68.5	60.5	-207	LTE Band 30_Ant 1 TX1	0.402	0.333	0.207			0.02					0.02
-69	59	-207	LTE Band 41_Ant 1 TX1	0.775	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.552	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.02
-64.4	58.6	-207	LTE Band 66_Ant 1 TX1	0.164	0.333	0.207								
-63	55.5	-207	FR1 n7_Ant 1 TX1	0.784	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03
-60.1	57.6	-207	FR1 n12_Ant 1 TX1	0.309	0.333	0.207			0.02					
-65.4	58.1	-207	FR1 n14_Ant 1 TX1	0.365	0.333	0.207			0.02					
-66.4	65.3	-207	FR1 n25_Ant 1 TX1	0.595	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.02
-67.6	60.6	-207	FR1 n26_Ant 1 TX1	0.302	0.333	0.207			0.02					
-67.6	60.6	-207	FR1 n26_IC_Ant 1 TX1	0.335	0.333	0.207			0.02					
-66.5	64.5	-207	FR1 n30_Ant 1 TX1	0.819	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03
-64	56.5	-207	FR1 n38_Ant 1 TX1	0.664	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03
-64.5	57	-207	FR1 n41_Ant 1 TX1	0.668	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03
-63	45	-207	FR1 n48_Ant 1 TX1	0.735	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03
-65.4	58.6	-207	FR1 n68_Ant 1 TX1	0.281	0.333	0.207			0.02					
-64.9	58.1	-207	FR1 n70_Ant 1 TX1	0.186	0.333	0.207			0.02					
-60.6	58.1	-207	FR1 n71_Ant 1 TX1	0.277	0.333	0.207			0.02					
-62	51	-207	FR1 n77_Ant 1 TX1	0.406	0.333	0.207			0.02					0.02
-66	49	-207	FR1 n77_IC_Ant 1 TX1	0.680	0.333	0.207	0.02	0.03	0.02	0.03			0.02	0.03



<Case 242>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLANS/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TX1	0.664	0.333	0.199	1.804	1.985	1.672	1.869
GSM1900_Ant 1 TX1	0.238	0.333	0.199	1.378	1.559	1.246	1.443
WCDMA II_Ant 1 TX1	0.828	0.333	0.199	1.968	2.149	1.836	2.033
WCDMA IV_Ant 1 TX1	0.212	0.333	0.199	1.352	1.533	1.220	1.417
WCDMA V_Ant 1 TX1	0.307	0.333	0.199	1.447	1.628	1.315	1.512
LTE Band 7_Ant 1 TX1	0.786	0.333	0.199	1.926	2.107	1.794	1.991
LTE Band 12_Ant 1 TX1	0.297	0.333	0.199	1.437	1.618	1.305	1.502
LTE Band 13_Ant 1 TX1	0.393	0.333	0.199	1.533	1.714	1.401	1.598
LTE Band 14_Ant 1 TX1	0.362	0.333	0.199	1.502	1.683	1.370	1.567
LTE Band 25_Ant 1 TX1	0.785	0.333	0.199	1.925	2.106	1.793	1.990
LTE Band 26_Ant 1 TX1	0.289	0.333	0.199	1.429	1.610	1.297	1.494
LTE Band 26_IC_Ant 1 TX1	0.322	0.333	0.199	1.462	1.643	1.330	1.527
LTE Band 30_Ant 1 TX1	0.402	0.333	0.199	1.542	1.723	1.410	1.607
LTE Band 41_Ant 1 TX1	0.775	0.333	0.199	1.915	2.096	1.783	1.980
LTE Band 48_Ant 1 TX1	0.552	0.333	0.199	1.692	1.873	1.560	1.757
LTE Band 66_Ant 1 TX1	0.164	0.333	0.199	1.304	1.485	1.172	1.369
FR1 n7_Ant 1 TX1	0.784	0.333	0.199	1.924	2.105	1.792	1.989
FR1 n12_Ant 1 TX1	0.309	0.333	0.199	1.449	1.630	1.317	1.514
FR1 n14_Ant 1 TX1	0.365	0.333	0.199	1.505	1.686	1.373	1.570
FR1 n25_Ant 1 TX1	0.595	0.333	0.199	1.735	1.916	1.603	1.800
FR1 n26_Ant 1 TX1	0.302	0.333	0.199	1.442	1.623	1.310	1.507
FR1 n26_IC_Ant 1 TX1	0.335	0.333	0.199	1.475	1.656	1.343	1.540
FR1 n30_Ant 1 TX1	0.819	0.333	0.199	1.959	2.140	1.827	2.024
FR1 n38_Ant 1 TX1	0.664	0.333	0.199	1.804	1.985	1.672	1.869
FR1 n41_Ant 1 TX1	0.668	0.333	0.199	1.808	1.989	1.676	1.873
FR1 n48_Ant 1 TX1	0.735	0.333	0.199	1.875	2.056	1.743	1.940
FR1 n66_Ant 1 TX1	0.281	0.333	0.199	1.421	1.602	1.289	1.486
FR1 n70_Ant 1 TX1	0.186	0.333	0.199	1.326	1.507	1.194	1.391
FR1 n71_Ant 1 TX1	0.277	0.333	0.199	1.417	1.598	1.285	1.482
FR1 n77_Ant 1 TX1	0.406	0.333	0.199	1.546	1.727	1.414	1.611
FR1 n77_IC_Ant 1 TX1	0.680	0.333	0.199	1.820	2.001	1.688	1.885

SAR peak location (mm)			X (axis)	Y (axis)	Z (axis)	0	7	9	11	12
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLANS/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
				1g SAR (W/kg)			0.608	0.789	0.476	0.673
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	
-56.2	61.6	-207	GSM850_Ant 1 TX1	0.664	0.333	0.199				
-63.7	57.5	-207	GSM1900_Ant 1 TX1	0.238	0.333	0.199				
-66.8	63.1	-207	WCDMA II_Ant 1 TX1	0.828	0.333	0.199	0.03	0.04	0.03	0.04
-69.4	60.7	-207	WCDMA IV_Ant 1 TX1	0.212	0.333	0.199				
-57.7	59.8	-207	WCDMA V_Ant 1 TX1	0.307	0.333	0.199		0.03		
-64.5	57	-207	LTE Band 7_Ant 1 TX1	0.786	0.333	0.199	0.03	0.04	0.02	0.04
-56.5	55.3	-207	LTE Band 12_Ant 1 TX1	0.297	0.333	0.199		0.03		
-55.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.393	0.333	0.199		0.03		0.03
-53.8	55.3	-207	LTE Band 14_Ant 1 TX1	0.362	0.333	0.199		0.03		
-66.9	62.5	-207	LTE Band 25_Ant 1 TX1	0.785	0.333	0.199	0.03	0.04	0.02	0.04
-56.5	61.3	-207	LTE Band 26_Ant 1 TX1	0.289	0.333	0.199		0.03		
-56.5	61.3	-207	LTE Band 26_IC_Ant 1 TX1	0.322	0.333	0.199		0.03		
-58.5	60.5	-207	LTE Band 30_Ant 1 TX1	0.402	0.333	0.199		0.03		0.03
-59	59	-207	LTE Band 41_Ant 1 TX1	0.775	0.333	0.199	0.03	0.04	0.02	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.552	0.333	0.199	0.02	0.03		0.03
-64.4	58.6	-207	LTE Band 66_Ant 1 TX1	0.164	0.333	0.199				
-63	55.5	-207	FR1 n7_Ant 1 TX1	0.784	0.333	0.199	0.03	0.04	0.02	0.04
-60.1	57.6	-207	FR1 n12_Ant 1 TX1	0.309	0.333	0.199		0.03		
-55.4	58.1	-207	FR1 n14_Ant 1 TX1	0.365	0.333	0.199		0.03		
-66.4	65.3	-207	FR1 n25_Ant 1 TX1	0.595	0.333	0.199	0.02	0.03	0.02	0.03
-57.6	60.6	-207	FR1 n26_Ant 1 TX1	0.302	0.333	0.199		0.03		
-57.6	60.6	-207	FR1 n26_IC_Ant 1 TX1	0.335	0.333	0.199		0.03		
-66.5	64.5	-207	FR1 n30_Ant 1 TX1	0.819	0.333	0.199	0.03	0.04	0.02	0.04
-64	56.5	-207	FR1 n38_Ant 1 TX1	0.664	0.333	0.199	0.02	0.03	0.02	0.03
-64.5	57	-207	FR1 n41_Ant 1 TX1	0.668	0.333	0.199	0.02	0.03	0.02	0.03
-63	45	-207	FR1 n48_Ant 1 TX1	0.735	0.333	0.199	0.02	0.04	0.02	0.03
-55.4	58.6	-207	FR1 n66_Ant 1 TX1	0.281	0.333	0.199		0.03		
-64.9	58.1	-207	FR1 n70_Ant 1 TX1	0.186	0.333	0.199				
-60.6	58.1	-207	FR1 n71_Ant 1 TX1	0.277	0.333	0.199			0.02	
-62	51	-207	FR1 n77_Ant 1 TX1	0.406	0.333	0.199			0.03	0.03
-66	49	-207	FR1 n77_IC_Ant 1 TX1	0.680	0.333	0.199	0.02		0.03	0.03



<Case 243>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN/6GHz_Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	FR1 n77_IC_Ant 6 TXD
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TXI	0.664	0.333	0.201	1.806	1.987	1.674	1.871
GSM1900_Ant 1 TXI	0.238	0.333	0.201	1.380	1.561	1.248	1.445
WCDMA II_Ant 1 TXI	0.828	0.333	0.201	1.970	2.151	1.838	2.035
WCDMA IV_Ant 1 TXI	0.212	0.333	0.201	1.354	1.535	1.222	1.419
WCDMA V_Ant 1 TXI	0.307	0.333	0.201	1.449	1.630	1.317	1.514
LTE Band 7_Ant 1 TXI	0.786	0.333	0.201	1.928	2.109	1.796	1.993
LTE Band 12_Ant 1 TXI	0.297	0.333	0.201	1.439	1.620	1.307	1.504
LTE Band 13_Ant 1 TXI	0.393	0.333	0.201	1.535	1.716	1.403	1.600
LTE Band 14_Ant 1 TXI	0.362	0.333	0.201	1.504	1.685	1.372	1.569
LTE Band 25_Ant 1 TXI	0.785	0.333	0.201	1.927	2.108	1.795	1.992
LTE Band 26_Ant 1 TXI	0.289	0.333	0.201	1.431	1.612	1.299	1.496
LTE Band 26_IC_Ant 1 TXI	0.322	0.333	0.201	1.464	1.645	1.332	1.529
LTE Band 30_Ant 1 TXI	0.402	0.333	0.201	1.544	1.725	1.412	1.609
LTE Band 41_Ant 1 TXI	0.775	0.333	0.201	1.917	2.098	1.785	1.982
LTE Band 48_Ant 1 TXI	0.552	0.333	0.201	1.694	1.875	1.562	1.759
LTE Band 66_Ant 1 TXI	0.164	0.333	0.201	1.306	1.487	1.174	1.371
FR1 n7_Ant 1 TXI	0.784	0.333	0.201	1.926	2.107	1.794	1.991
FR1 n12_Ant 1 TXI	0.309	0.333	0.201	1.451	1.632	1.319	1.516
FR1 n14_Ant 1 TXI	0.365	0.333	0.201	1.507	1.688	1.375	1.572
FR1 n25_Ant 1 TXI	0.595	0.333	0.201	1.737	1.918	1.605	1.802
FR1 n26_Ant 1 TXI	0.302	0.333	0.201	1.444	1.625	1.312	1.509
FR1 n26_IC_Ant 1 TXI	0.335	0.333	0.201	1.477	1.658	1.345	1.542
FR1 n30_Ant 1 TXI	0.819	0.333	0.201	1.961	2.142	1.829	2.026
FR1 n38_Ant 1 TXI	0.664	0.333	0.201	1.806	1.987	1.674	1.871
FR1 n41_Ant 1 TXI	0.668	0.333	0.201	1.810	1.991	1.678	1.875
FR1 n48_Ant 1 TXI	0.735	0.333	0.201	1.877	2.058	1.745	1.942
FR1 n66_Ant 1 TXI	0.281	0.333	0.201	1.423	1.604	1.291	1.488
FR1 n70_Ant 1 TXI	0.186	0.333	0.201	1.328	1.509	1.196	1.393
FR1 n71_Ant 1 TXI	0.277	0.333	0.201	1.419	1.600	1.287	1.484
FR1 n77_Ant 1 TXI	0.406	0.333	0.201	1.548	1.729	1.416	1.613
FR1 n77_IC_Ant 1 TXI	0.680	0.333	0.201	1.822	2.003	1.690	1.887

SAR peak location (mm)			X (axis)																
			Y (axis)		Z (axis)		0		7		11		12						
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN/6GHz_Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	FR1 n77_IC_Ant 6 TXD	0.608		0.789		0.476		0.673		
				Back			1g SAR (W/kg)			0+1+7+9 SPLSR Results		0+1+7+10 SPLSR Results		0+1+7+11 SPLSR Results		0+1+7+12 SPLSR Results			
-66.2	61.6	-207	GSM850_Ant 1 TXI	0.664	0.333	0.201	0.02	0.04	0.02	0.03									
-63.7	57.5	-207	GSM1900_Ant 1 TXI	0.238	0.333	0.201													
-66.8	63.1	-207	WCDMA II_Ant 1 TXI	0.828	0.333	0.201	0.03	0.04	0.03	0.04									
-69.4	60.7	-207	WCDMA IV_Ant 1 TXI	0.212	0.333	0.201													
-67.7	59.8	-207	WCDMA V_Ant 1 TXI	0.307	0.333	0.201			0.03										
-64.5	57	-207	LTE Band 7_Ant 1 TXI	0.786	0.333	0.201	0.03	0.04	0.02	0.04									
-66.5	55.3	-207	LTE Band 12_Ant 1 TXI	0.297	0.333	0.201			0.03										
-65.3	55.3	-207	LTE Band 13_Ant 1 TXI	0.393	0.333	0.201			0.03										
-63.8	55.3	-207	LTE Band 14_Ant 1 TXI	0.362	0.333	0.201			0.03										
-66.9	62.9	-207	LTE Band 25_Ant 1 TXI	0.785	0.333	0.201	0.03	0.04	0.02	0.04									
-66.5	61.3	-207	LTE Band 26_Ant 1 TXI	0.289	0.333	0.201			0.03										
-66.5	61.3	-207	LTE Band 26_IC_Ant 1 TXI	0.322	0.333	0.201			0.03										
-68.5	60.5	-207	LTE Band 30_Ant 1 TXI	0.402	0.333	0.201			0.03										
-69	59	-207	LTE Band 41_Ant 1 TXI	0.775	0.333	0.201	0.03	0.04	0.02	0.04									
-63.5	52	-207	LTE Band 48_Ant 1 TXI	0.552	0.333	0.201	0.02	0.03	0.02	0.03									
-64.4	58.6	-207	LTE Band 66_Ant 1 TXI	0.164	0.333	0.201													
-63	55.5	-207	FR1 n7_Ant 1 TXI	0.784	0.333	0.201	0.03	0.04	0.02	0.04									
-60.1	57.6	-207	FR1 n12_Ant 1 TXI	0.309	0.333	0.201			0.03										
-65.4	58.1	-207	FR1 n14_Ant 1 TXI	0.365	0.333	0.201			0.03										
-66.4	65.3	-207	FR1 n25_Ant 1 TXI	0.595	0.333	0.201	0.02	0.03	0.02	0.03									
-67.6	60.6	-207	FR1 n26_Ant 1 TXI	0.302	0.333	0.201			0.03										
-67.6	60.6	-207	FR1 n26_IC_Ant 1 TXI	0.335	0.333	0.201			0.03										
-66.5	64.5	-207	FR1 n30_Ant 1 TXI	0.819	0.333	0.201	0.03	0.04	0.03	0.04									
-64	56.5	-207	FR1 n38_Ant 1 TXI	0.664	0.333	0.201	0.02	0.04	0.02	0.03									
-64.5	57	-207	FR1 n41_Ant 1 TXI	0.668	0.333	0.201	0.02	0.04	0.02	0.03									
-63	45	-207	FR1 n48_Ant 1 TXI	0.735	0.333	0.201	0.03	0.04	0.02	0.04									
-65.4	58.6	-207	FR1 n66_Ant 1 TXI	0.281	0.333	0.201			0.03										
-64.9	58.1	-207	FR1 n70_Ant 1 TXI	0.186	0.333	0.201													
-60.6	58.1	-207	FR1 n71_Ant 1 TXI	0.277	0.333	0.201			0.03										
-62	51	-207	FR1 n77_Ant 1 TXI	0.406	0.333	0.201			0.03										
-66	49	-207	FR1 n77_IC_Ant 1 TXI	0.680	0.333	0.201	0.02	0.04	0.02	0.03									



<Case 244>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	
Back				0.550	0.560	0.378	0.550	0.516	0.592	0.655	0.101	0.677	0.747	
		1g SAR (W/kg)			0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM1900_Ant 2 TXD	0.653	0.154	0.333	1.699	1.730	1.518	1.726	1.696	1.692	1.795	1.241	1.817	1.887	
WCDMA 1_Ant 2 TXD	0.628	0.154	0.333	1.665	1.675	1.493	1.705	1.631	1.607	1.770	1.216	1.792	1.862	
WCDMA 7_Ant 2 TXD	0.652	0.154	0.333	1.689	1.699	1.517	1.729	1.655	1.631	1.794	1.240	1.816	1.886	
LTE Band 7_Ant 2 TXD	0.622	0.154	0.333	1.659	1.669	1.487	1.699	1.625	1.601	1.764	1.210	1.786	1.856	
LTE Band 25_Ant 2 TXD	0.647	0.154	0.333	1.684	1.694	1.512	1.724	1.650	1.626	1.789	1.235	1.811	1.881	
LTE Band 30_Ant 2 TXD	0.618	0.154	0.333	1.655	1.665	1.483	1.695	1.621	1.607	1.760	1.206	1.782	1.852	
LTE Band 41_Ant 2 TXD	0.613	0.154	0.333	1.650	1.660	1.478	1.690	1.616	1.602	1.755	1.201	1.777	1.847	
LTE Band 66_Ant 2 TXD	0.662	0.154	0.333	1.699	1.709	1.527	1.739	1.665	1.701	1.804	1.250	1.826	1.896	
FRI n01_Ant 2 TXD	0.627	0.154	0.333	1.664	1.674	1.492	1.704	1.630	1.606	1.769	1.215	1.791	1.861	
FRI n05_Ant 2 TXD	0.650	0.154	0.333	1.687	1.697	1.515	1.727	1.653	1.629	1.792	1.238	1.814	1.884	
FRI n08_Ant 2 TXD	0.644	0.154	0.333	1.681	1.691	1.509	1.721	1.647	1.623	1.786	1.232	1.808	1.878	
FRI n01_Ant 2 TXD	0.551	0.154	0.333	1.588	1.598	1.416	1.628	1.554	1.590	1.693	1.139	1.715	1.785	
FRI n05_Ant 2 TXD	0.652	0.154	0.333	1.689	1.699	1.517	1.729	1.655	1.631	1.794	1.240	1.816	1.886	
FRI n08_Ant 2 Sub TXD	0.624	0.154	0.333	1.661	1.671	1.489	1.701	1.627	1.603	1.766	1.212	1.788	1.858	
FRI n06_Ant 2 TXD	0.628	0.154	0.333	1.665	1.675	1.493	1.705	1.631	1.607	1.770	1.216	1.792	1.862	
FRI n05_Ant 2 TXD	0.611	0.154	0.333	1.648	1.658	1.476	1.688	1.614	1.600	1.753	1.199	1.775	1.845	
FRI n07_Ant 2 Sub TXD	0.554	0.154	0.333	1.591	1.601	1.419	1.631	1.557	1.593	1.696	1.142	1.718	1.788	
FRI n07_Ant 2 Sub TXD	0.620	0.154	0.333	1.657	1.667	1.485	1.697	1.623	1.609	1.762	1.208	1.784	1.854	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.1	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	85.9	0.90	0.01	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	128.9	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	16.1	0.49	0.02	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				



<Case 245>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n04_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.601	0.607	0.747	
	1g SAR (W/kg)			0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM1900_Ant 2 TX1	0.663	0.061	0.333	1.587	1.597	1.415	1.627	1.563	1.589	1.652	1.138	1.714	1.764
WCDMA 1_Ant 2 TX1	0.628	0.061	0.333	1.562	1.572	1.390	1.602	1.528	1.564	1.667	1.113	1.689	1.759
WCDMA 1v_Ant 2 TX1	0.662	0.061	0.333	1.586	1.596	1.414	1.626	1.562	1.588	1.691	1.137	1.713	1.763
LTE Band 7_Ant 2 TX1	0.622	0.061	0.333	1.556	1.566	1.384	1.596	1.522	1.558	1.661	1.107	1.683	1.753
LTE Band 25_Ant 2 TX1	0.647	0.061	0.333	1.581	1.591	1.409	1.621	1.547	1.583	1.686	1.132	1.708	1.778
LTE Band 30_Ant 2 TX1	0.618	0.061	0.333	1.552	1.562	1.380	1.592	1.518	1.554	1.657	1.103	1.679	1.749
LTE Band 41_Ant 2 TX1	0.613	0.061	0.333	1.547	1.557	1.375	1.587	1.513	1.549	1.652	1.098	1.674	1.744
LTE Band 66_Ant 2 TX1	0.662	0.061	0.333	1.596	1.606	1.424	1.636	1.562	1.598	1.701	1.147	1.723	1.793
FRI n07_Ant 2 TX1	0.627	0.061	0.333	1.561	1.571	1.389	1.601	1.527	1.563	1.666	1.112	1.688	1.758
FRI n05_Ant 2 TX1	0.660	0.061	0.333	1.584	1.594	1.412	1.624	1.550	1.586	1.689	1.135	1.711	1.781
FRI n08_Ant 2 TX1	0.644	0.061	0.333	1.578	1.588	1.406	1.618	1.544	1.580	1.683	1.129	1.705	1.775
FRI n04_Ant 2 TX1	0.551	0.061	0.333	1.485	1.495	1.313	1.525	1.451	1.487	1.590	1.036	1.612	1.682
FRI n01_Ant 2 TX1	0.662	0.061	0.333	1.586	1.596	1.414	1.626	1.552	1.588	1.691	1.137	1.713	1.783
FRI n06_Ant 2 Sub TX1	0.624	0.061	0.333	1.558	1.568	1.386	1.598	1.524	1.560	1.663	1.109	1.685	1.755
FRI n02_Ant 2 TX1	0.628	0.061	0.333	1.562	1.572	1.390	1.602	1.528	1.564	1.667	1.113	1.689	1.759
FRI n03_Ant 2 TX1	0.611	0.061	0.333	1.545	1.555	1.373	1.585	1.511	1.547	1.650	1.096	1.672	1.742
FRI n07_Ant 2 Sub TX1	0.554	0.061	0.333	1.488	1.498	1.316	1.528	1.454	1.490	1.593	1.039	1.615	1.685
FRI n07_Ant 2 Sub TX1	0.620	0.061	0.333	1.554	1.564	1.382	1.594	1.520	1.556	1.659	1.105	1.681	1.751

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	74.5	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-21.2	-76.9	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	22.1	0.80	0.03	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	106.3	0.71	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	157.7	1.00	0.01	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	128.9	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	79.9	0.38	0.00	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	24.3	0.32	0.01	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 246>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0		1		2		9		10		11		12		13		14		15		16		17		18		
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5.6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TD	LTE Band 41_Ant 5 Sub TD	LTE Band 66_Ant 5 Sub TD	FRI n05_Ant 5 Sub TD	FRI n06_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	FRI n07_IC_Ant 5 Sub TD	
Back	1g SAR (W/kg)						0.550	0.560	0.378	0.590	0.516	0.502	0.695	0.101	0.677	0.747											
				0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249	0.1249
GSM1900_Ant 2 TD	0.653	0.250	0.333	1.708	1.705	1.514	1.825	1.702	1.705	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
WCMA 1_Ant 2 TD	0.628	0.250	0.333	1.701	1.711	1.589	1.801	1.727	1.703	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
WCMA 1v_Ant 2 TD	0.652	0.250	0.333	1.705	1.705	1.613	1.825	1.701	1.707	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
LTE Band 7_Ant 2 TD	0.622	0.250	0.333	1.705	1.705	1.583	1.795	1.721	1.707	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
LTE Band 25_Ant 2 TD	0.647	0.250	0.333	1.700	1.700	1.608	1.820	1.746	1.702	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
LTE Band 30_Ant 2 TD	0.618	0.250	0.333	1.701	1.701	1.579	1.791	1.717	1.703	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
LTE Band 41_Ant 2 TD	0.613	0.250	0.333	1.746	1.706	1.574	1.786	1.712	1.746	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
LTE Band 66_Ant 2 TD	0.662	0.250	0.333	1.700	1.605	1.623	1.830	1.761	1.707	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n07_Ant 2 TD	0.627	0.250	0.333	1.700	1.770	1.588	1.800	1.726	1.702	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n05_Ant 2 TD	0.650	0.250	0.333	1.703	1.703	1.611	1.823	1.748	1.705	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n06_Ant 2 TD	0.644	0.250	0.333	1.777	1.707	1.605	1.817	1.743	1.779	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n08_Ant 2 TD	0.551	0.250	0.333	1.684	1.684	1.512	1.734	1.600	1.686	1.789	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n04_Ant 2 TD	0.652	0.250	0.333	1.785	1.795	1.613	1.825	1.751	1.787	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n05_Ant 2 Sub TD	0.624	0.250	0.333	1.757	1.767	1.585	1.797	1.723	1.709	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n06_Ant 2 TD	0.628	0.250	0.333	1.761	1.771	1.589	1.801	1.727	1.763	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n07_Ant 2 TD	0.611	0.250	0.333	1.744	1.754	1.572	1.784	1.710	1.746	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n07_Ant 2 Sub TD	0.554	0.250	0.333	1.687	1.697	1.515	1.727	1.603	1.689	1.792	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
FRI n07_IC_Ant 2 Sub TD	0.620	0.250	0.333	1.753	1.763	1.581	1.793	1.719	1.755	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.1	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	85.9	1.00	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	154.0	0.91	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	106.3	0.76	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	157.7	1.00	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	14.3	0.58	0.03	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	79.9	0.43	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	49.7	0.52	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	24.3	0.37	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	68.4	0.34	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required



<Case 247>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.655	0.101	0.677	0.747	
		1g SAR (W/kg)			0.1+7+9 Summed SAR	0.1+7+10 Summed SAR	0.1+7+11 Summed SAR	0.1+7+12 Summed SAR	0.1+7+13 Summed SAR	0.1+7+14 Summed SAR	0.1+7+15 Summed SAR	0.1+7+16 Summed SAR	0.1+7+17 Summed SAR	0.1+7+18 Summed SAR
GSM1900_Ant 2 TX1	0.653	0.333	0.207	1.743	1.733	1.571	1.733	1.708	1.740	1.866	1.294	1.879	1.966	
WCDMA 1_Ant 2 TX1	0.628	0.333	0.207	1.718	1.728	1.546	1.758	1.684	1.739	1.823	1.269	1.845	1.915	
WCDMA 1_Ant 2 TX2	0.652	0.333	0.207	1.742	1.752	1.570	1.762	1.708	1.744	1.847	1.293	1.869	1.939	
LTE Band 7_Ant 2 TX1	0.622	0.333	0.207	1.712	1.722	1.540	1.752	1.678	1.714	1.817	1.263	1.839	1.909	
LTE Band 25_Ant 2 TX1	0.647	0.333	0.207	1.737	1.747	1.565	1.777	1.703	1.739	1.842	1.288	1.864	1.934	
LTE Band 30_Ant 2 TX1	0.618	0.333	0.207	1.708	1.718	1.536	1.748	1.674	1.710	1.813	1.259	1.835	1.905	
LTE Band 41_Ant 2 TX1	0.613	0.333	0.207	1.703	1.713	1.531	1.743	1.669	1.705	1.808	1.254	1.830	1.900	
LTE Band 66_Ant 2 TX1	0.662	0.333	0.207	1.752	1.762	1.580	1.792	1.718	1.754	1.857	1.303	1.879	1.949	
FRI n07_Ant 2 TX1	0.627	0.333	0.207	1.717	1.727	1.545	1.757	1.683	1.719	1.822	1.268	1.844	1.914	
FRI n05_Ant 2 TX1	0.650	0.333	0.207	1.740	1.750	1.568	1.780	1.706	1.742	1.845	1.291	1.867	1.937	
FRI n08_Ant 2 TX1	0.644	0.333	0.207	1.734	1.744	1.562	1.774	1.700	1.736	1.839	1.285	1.861	1.931	
FRI n01_Ant 2 TX1	0.551	0.333	0.207	1.641	1.651	1.469	1.667	1.607	1.643	1.746	1.192	1.768	1.838	
FRI n05_Ant 2 TX2	0.652	0.333	0.207	1.742	1.752	1.570	1.782	1.708	1.744	1.847	1.293	1.869	1.939	
FRI n08_Ant 2 Sub TX1	0.624	0.333	0.207	1.714	1.724	1.542	1.754	1.680	1.716	1.819	1.265	1.841	1.911	
FRI n01_Ant 2 TX2	0.628	0.333	0.207	1.718	1.728	1.546	1.758	1.684	1.720	1.823	1.269	1.845	1.915	
FRI n05_Ant 2 TX2	0.611	0.333	0.207	1.701	1.711	1.529	1.741	1.667	1.703	1.806	1.252	1.832	1.898	
FRI n07_Ant 2 Sub TX1	0.554	0.333	0.207	1.644	1.654	1.472	1.684	1.610	1.646	1.749	1.195	1.771	1.841	
FRI n07_Ant 2 Sub TX2	0.620	0.333	0.207	1.716	1.726	1.538	1.758	1.676	1.712	1.815	1.261	1.837	1.907	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.1	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	85.9	0.95	0.01	Not required
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	128.9	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	17.1	0.54	0.02	Not required
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 248>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n04_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.655	0.101	0.677	0.747
	1g SAR (W/kg)			0.1+7+9 Summed SAR	0.1+7+10 Summed SAR	0.1+7+11 Summed SAR	0.1+7+12 Summed SAR	0.1+7+13 Summed SAR	0.1+7+14 Summed SAR	0.1+7+15 Summed SAR	0.1+7+16 Summed SAR	0.1+7+17 Summed SAR	0.1+7+18 Summed SAR
GSM1900_Ant 2 TX1	0.653	0.333	0.199	1.735	1.745	1.563	1.775	1.701	1.737	1.860	1.286	1.822	1.922
WCDMA 1_Ant 2 TX1	0.628	0.333	0.199	1.710	1.720	1.538	1.750	1.676	1.712	1.815	1.261	1.837	1.907
WCDMA 1v_Ant 2 TX1	0.652	0.333	0.199	1.734	1.744	1.562	1.774	1.700	1.736	1.859	1.285	1.831	1.931
LTE Band 7_Ant 2 TX1	0.622	0.333	0.199	1.704	1.714	1.532	1.744	1.670	1.706	1.809	1.255	1.831	1.901
LTE Band 25_Ant 2 TX1	0.647	0.333	0.199	1.729	1.739	1.557	1.769	1.695	1.731	1.834	1.280	1.856	1.926
LTE Band 30_Ant 2 TX1	0.618	0.333	0.199	1.700	1.710	1.528	1.740	1.666	1.702	1.805	1.251	1.827	1.897
LTE Band 41_Ant 2 TX1	0.613	0.333	0.199	1.695	1.705	1.523	1.735	1.661	1.697	1.800	1.246	1.822	1.892
LTE Band 66_Ant 2 TX1	0.662	0.333	0.199	1.744	1.754	1.572	1.784	1.710	1.746	1.849	1.295	1.871	1.941
FRI n07_Ant 2 TX1	0.627	0.333	0.199	1.709	1.719	1.537	1.749	1.675	1.711	1.814	1.260	1.836	1.906
FRI n05_Ant 2 TX1	0.650	0.333	0.199	1.732	1.742	1.560	1.772	1.698	1.734	1.837	1.283	1.859	1.929
FRI n08_Ant 2 TX1	0.644	0.333	0.199	1.726	1.736	1.554	1.766	1.692	1.728	1.831	1.277	1.853	1.923
FRI n01_Ant 2 TX1	0.551	0.333	0.199	1.633	1.643	1.461	1.673	1.599	1.635	1.738	1.184	1.760	1.830
FRI n04_Ant 2 TX1	0.652	0.333	0.199	1.734	1.744	1.562	1.774	1.700	1.736	1.839	1.285	1.861	1.931
FRI n06_Ant 2 Sub TX1	0.624	0.333	0.199	1.706	1.716	1.534	1.748	1.672	1.708	1.811	1.257	1.833	1.903
FRI n02_Ant 2 TX1	0.628	0.333	0.199	1.716	1.726	1.538	1.750	1.676	1.712	1.815	1.261	1.837	1.907
FRI n03_Ant 2 TX1	0.611	0.333	0.199	1.693	1.703	1.521	1.733	1.659	1.695	1.798	1.244	1.820	1.890
FRI n07_Ant 2 Sub TX1	0.554	0.333	0.199	1.636	1.646	1.464	1.676	1.602	1.638	1.741	1.187	1.763	1.833
FRI n07_IC_Ant 2 Sub TX1	0.620	0.333	0.199	1.702	1.712	1.530	1.742	1.668	1.704	1.807	1.253	1.829	1.899

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.1	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	24.3	0.95	0.04	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	108.6	0.86	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	128.9	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	79.6	0.53	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	22.5	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 249>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n04_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.605	0.101	0.677	0.747	
		1g SAR (W/kg)			0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR
GSM1900_Ant 2 TX1	0.663	0.333	0.201	1.737	1.747	1.565	1.777	1.703	1.739	1.862	1.288	1.854	1.934	
WCDMA 1_Ant 2 TX1	0.628	0.333	0.201	1.712	1.722	1.540	1.752	1.678	1.714	1.817	1.263	1.839	1.919	
WCDMA 7_Ant 2 TX1	0.662	0.333	0.201	1.736	1.746	1.564	1.776	1.702	1.738	1.861	1.287	1.853	1.933	
LTE Band 7_Ant 2 TX1	0.622	0.333	0.201	1.706	1.716	1.534	1.746	1.672	1.708	1.811	1.257	1.833	1.913	
LTE Band 25_Ant 2 TX1	0.647	0.333	0.201	1.731	1.741	1.559	1.771	1.697	1.733	1.856	1.282	1.858	1.938	
LTE Band 30_Ant 2 TX1	0.618	0.333	0.201	1.702	1.712	1.530	1.742	1.668	1.704	1.807	1.253	1.829	1.909	
LTE Band 41_Ant 2 TX1	0.613	0.333	0.201	1.697	1.707	1.525	1.737	1.663	1.699	1.802	1.248	1.824	1.904	
LTE Band 66_Ant 2 TX1	0.662	0.333	0.201	1.746	1.756	1.574	1.786	1.712	1.748	1.851	1.297	1.873	1.953	
FRI n07_Ant 2 TX1	0.627	0.333	0.201	1.711	1.721	1.539	1.751	1.677	1.713	1.816	1.262	1.838	1.918	
FRI n05_Ant 2 TX1	0.660	0.333	0.201	1.734	1.744	1.562	1.774	1.700	1.736	1.859	1.285	1.861	1.941	
FRI n08_Ant 2 TX1	0.644	0.333	0.201	1.728	1.738	1.556	1.768	1.694	1.730	1.853	1.279	1.855	1.935	
FRI n01_Ant 2 TX1	0.551	0.333	0.201	1.635	1.645	1.463	1.675	1.601	1.637	1.760	1.186	1.762	1.842	
FRI n04_Ant 2 TX1	0.662	0.333	0.201	1.736	1.746	1.564	1.776	1.702	1.738	1.861	1.287	1.863	1.943	
FRI n06_Ant 2 Sub TX1	0.624	0.333	0.201	1.708	1.718	1.536	1.674	1.674	1.710	1.813	1.259	1.835	1.915	
FRI n06_Ant 2 TX1	0.628	0.333	0.201	1.712	1.722	1.540	1.752	1.678	1.714	1.817	1.263	1.839	1.919	
FRI n05_Ant 2 TX1	0.611	0.333	0.201	1.695	1.705	1.523	1.735	1.661	1.697	1.800	1.246	1.822	1.902	
FRI n07_Ant 2 Sub TX1	0.554	0.333	0.201	1.638	1.648	1.466	1.678	1.604	1.640	1.763	1.189	1.765	1.845	
FRI n07_Ant 2 Sub TX1	0.620	0.333	0.201	1.704	1.714	1.532	1.744	1.670	1.706	1.809	1.255	1.831	1.911	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.1	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.2	0.95	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.83	0.03	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	155.0	0.86	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	106.8	0.74	0.01	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	128.9	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	17.6	0.53	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	82.4	0.41	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	47.6	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	25.2	0.35	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	69.3	0.28	0.00	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 250>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.154	0.333	1.748	1.929	1.616	1.813
WCDMA_II_Ant 2 TX0	0.628	0.154	0.333	1.723	1.904	1.591	1.788
WCDMA_IV_Ant 2 TX0	0.652	0.154	0.333	1.747	1.928	1.615	1.812
LTE Band 7_Ant 2 TX0	0.622	0.154	0.333	1.717	1.898	1.585	1.782
LTE Band 25_Ant 2 TX0	0.647	0.154	0.333	1.742	1.923	1.610	1.807
LTE Band 30_Ant 2 TX0	0.618	0.154	0.333	1.713	1.894	1.581	1.778
LTE Band 41_Ant 2 TX0	0.613	0.154	0.333	1.708	1.889	1.576	1.773
LTE Band 66_Ant 2 TX0	0.662	0.154	0.333	1.757	1.938	1.625	1.822
FR1 n7_Ant 2 TX0	0.627	0.154	0.333	1.722	1.903	1.590	1.787
FR1 n25_Ant 2 TX0	0.650	0.154	0.333	1.745	1.926	1.613	1.810
FR1 n30_Ant 2 TX0	0.644	0.154	0.333	1.739	1.920	1.607	1.804
FR1 n38_Ant 2 TX0	0.551	0.154	0.333	1.646	1.827	1.514	1.711
FR1 n41_Ant 2 TX0	0.652	0.154	0.333	1.747	1.928	1.615	1.812
FR1 n48_Ant 2 Sub TX0	0.624	0.154	0.333	1.719	1.900	1.587	1.784
FR1 n66_Ant 2 TX0	0.628	0.154	0.333	1.723	1.904	1.591	1.788
FR1 n70_Ant 2 TX0	0.611	0.154	0.333	1.706	1.887	1.574	1.771
FR1 n77_Ant 2 Sub TX0	0.554	0.154	0.333	1.649	1.830	1.517	1.714
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.154	0.333	1.715	1.896	1.583	1.780

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-66.0	-53.0	-207.0	101.5	1.94	0.03	Not required
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	0.487	-57.8	48.2	-207.0				



<Case 251>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.051	0.333	1.645	1.826	1.513	1.710
WCDMA_II_Ant 2 TX0	0.628	0.051	0.333	1.620	1.801	1.488	1.685
WCDMA_IV_Ant 2 TX0	0.652	0.051	0.333	1.644	1.825	1.512	1.709
LTE Band 7_Ant 2 TX0	0.622	0.051	0.333	1.614	1.795	1.482	1.679
LTE Band 25_Ant 2 TX0	0.647	0.051	0.333	1.639	1.820	1.507	1.704
LTE Band 30_Ant 2 TX0	0.618	0.051	0.333	1.610	1.791	1.478	1.675
LTE Band 41_Ant 2 TX0	0.613	0.051	0.333	1.605	1.786	1.473	1.670
LTE Band 66_Ant 2 TX0	0.662	0.051	0.333	1.654	1.835	1.522	1.719
FR1 n7_Ant 2 TX0	0.627	0.051	0.333	1.619	1.800	1.487	1.684
FR1 n25_Ant 2 TX0	0.650	0.051	0.333	1.642	1.823	1.510	1.707
FR1 n30_Ant 2 TX0	0.644	0.051	0.333	1.636	1.817	1.504	1.701
FR1 n38_Ant 2 TX0	0.551	0.051	0.333	1.543	1.724	1.411	1.608
FR1 n41_Ant 2 TX0	0.652	0.051	0.333	1.644	1.825	1.512	1.709
FR1 n48_Ant 2 Sub TX0	0.624	0.051	0.333	1.616	1.797	1.484	1.681
FR1 n66_Ant 2 TX0	0.628	0.051	0.333	1.620	1.801	1.488	1.685
FR1 n70_Ant 2 TX0	0.611	0.051	0.333	1.603	1.784	1.471	1.668
FR1 n77_Ant 2 Sub TX0	0.554	0.051	0.333	1.546	1.727	1.414	1.611
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.051	0.333	1.612	1.793	1.480	1.677

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-66.0	-53.0	-207.0	77.2	1.84	0.03	Not required
WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	0.384	-60.0	24.0	-207.0				



<Case 252>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.250	0.333	1.844	2.025	1.712	1.909
WCDMA_II_Ant 2 TX0	0.628	0.250	0.333	1.819	2.000	1.687	1.884
WCDMA_IV_Ant 2 TX0	0.652	0.250	0.333	1.843	2.024	1.711	1.908
LTE Band 7_Ant 2 TX0	0.622	0.250	0.333	1.813	1.994	1.681	1.878
LTE Band 25_Ant 2 TX0	0.647	0.250	0.333	1.838	2.019	1.706	1.903
LTE Band 30_Ant 2 TX0	0.618	0.250	0.333	1.809	1.990	1.677	1.874
LTE Band 41_Ant 2 TX0	0.613	0.250	0.333	1.804	1.985	1.672	1.869
LTE Band 66_Ant 2 TX0	0.662	0.250	0.333	1.853	2.034	1.721	1.918
FR1 n7_Ant 2 TX0	0.627	0.250	0.333	1.818	1.999	1.686	1.883
FR1 n25_Ant 2 TX0	0.650	0.250	0.333	1.841	2.022	1.709	1.906
FR1 n30_Ant 2 TX0	0.644	0.250	0.333	1.835	2.016	1.703	1.900
FR1 n38_Ant 2 TX0	0.551	0.250	0.333	1.742	1.923	1.610	1.807
FR1 n41_Ant 2 TX0	0.652	0.250	0.333	1.843	2.024	1.711	1.908
FR1 n48_Ant 2 Sub TX0	0.624	0.250	0.333	1.815	1.996	1.683	1.880
FR1 n66_Ant 2 TX0	0.628	0.250	0.333	1.819	2.000	1.687	1.884
FR1 n70_Ant 2 TX0	0.611	0.250	0.333	1.802	1.983	1.670	1.867
FR1 n77_Ant 2 Sub TX0	0.554	0.250	0.333	1.745	1.926	1.613	1.810
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.250	0.333	1.811	1.992	1.679	1.876

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-66.0	-53.0	-207.0	77.2	2.03	0.04	Not required
WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	0.583	-60.0	24.0	-207.0				



<Case 253>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.333	0.207	1.801	1.982	1.669	1.866
WCDMA_II_Ant 2 TX0	0.628	0.333	0.207	1.776	1.957	1.644	1.841
WCDMA_IV_Ant 2 TX0	0.652	0.333	0.207	1.800	1.981	1.668	1.865
LTE Band 7_Ant 2 TX0	0.622	0.333	0.207	1.770	1.951	1.638	1.835
LTE Band 25_Ant 2 TX0	0.647	0.333	0.207	1.795	1.976	1.663	1.860
LTE Band 30_Ant 2 TX0	0.618	0.333	0.207	1.766	1.947	1.634	1.831
LTE Band 41_Ant 2 TX0	0.613	0.333	0.207	1.761	1.942	1.629	1.826
LTE Band 66_Ant 2 TX0	0.662	0.333	0.207	1.810	1.991	1.678	1.875
FR1 n7_Ant 2 TX0	0.627	0.333	0.207	1.775	1.956	1.643	1.840
FR1 n25_Ant 2 TX0	0.650	0.333	0.207	1.798	1.979	1.666	1.863
FR1 n30_Ant 2 TX0	0.644	0.333	0.207	1.792	1.973	1.660	1.857
FR1 n38_Ant 2 TX0	0.551	0.333	0.207	1.699	1.880	1.567	1.764
FR1 n41_Ant 2 TX0	0.652	0.333	0.207	1.800	1.981	1.668	1.865
FR1 n48_Ant 2 Sub TX0	0.624	0.333	0.207	1.772	1.953	1.640	1.837
FR1 n66_Ant 2 TX0	0.628	0.333	0.207	1.776	1.957	1.644	1.841
FR1 n70_Ant 2 TX0	0.611	0.333	0.207	1.759	1.940	1.627	1.824
FR1 n77_Ant 2 Sub TX0	0.554	0.333	0.207	1.702	1.883	1.570	1.767
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.333	0.207	1.768	1.949	1.636	1.833

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-66.0	-53.0	-207.0	101.5	1.99	0.03	Not required
WLAN5/6G Ant 4+3 + Bluetooth Ant 4	0.540	-57.8	48.2	-207.0				



<Case 254>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.333	0.199	1.793	1.974	1.661	1.858
WCDMA_II_Ant 2 TX0	0.628	0.333	0.199	1.768	1.949	1.636	1.833
WCDMA_IV_Ant 2 TX0	0.652	0.333	0.199	1.792	1.973	1.660	1.857
LTE Band 7_Ant 2 TX0	0.622	0.333	0.199	1.762	1.943	1.630	1.827
LTE Band 25_Ant 2 TX0	0.647	0.333	0.199	1.787	1.968	1.655	1.852
LTE Band 30_Ant 2 TX0	0.618	0.333	0.199	1.758	1.939	1.626	1.823
LTE Band 41_Ant 2 TX0	0.613	0.333	0.199	1.753	1.934	1.621	1.818
LTE Band 66_Ant 2 TX0	0.662	0.333	0.199	1.802	1.983	1.670	1.867
FR1 n7_Ant 2 TX0	0.627	0.333	0.199	1.767	1.948	1.635	1.832
FR1 n25_Ant 2 TX0	0.650	0.333	0.199	1.790	1.971	1.658	1.855
FR1 n30_Ant 2 TX0	0.644	0.333	0.199	1.784	1.965	1.652	1.849
FR1 n38_Ant 2 TX0	0.551	0.333	0.199	1.691	1.872	1.559	1.756
FR1 n41_Ant 2 TX0	0.652	0.333	0.199	1.792	1.973	1.660	1.857
FR1 n48_Ant 2 Sub TX0	0.624	0.333	0.199	1.764	1.945	1.632	1.829
FR1 n66_Ant 2 TX0	0.628	0.333	0.199	1.768	1.949	1.636	1.833
FR1 n70_Ant 2 TX0	0.611	0.333	0.199	1.751	1.932	1.619	1.816
FR1 n77_Ant 2 Sub TX0	0.554	0.333	0.199	1.694	1.875	1.562	1.759
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.333	0.199	1.760	1.941	1.628	1.825

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-66.0	-53.0	-207.0	79.1	1.98	0.04	Not required
WLAN5/6G Ant 4+3 + Bluetooth Ant 3	0.532	-61.5	26.0	-207.0				



<Case 255>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.333	0.201	1.795	1.976	1.663	1.860
WCDMA_II_Ant 2 TX0	0.628	0.333	0.201	1.770	1.951	1.638	1.835
WCDMA_IV_Ant 2 TX0	0.652	0.333	0.201	1.794	1.975	1.662	1.859
LTE Band 7_Ant 2 TX0	0.622	0.333	0.201	1.764	1.945	1.632	1.829
LTE Band 25_Ant 2 TX0	0.647	0.333	0.201	1.789	1.970	1.657	1.854
LTE Band 30_Ant 2 TX0	0.618	0.333	0.201	1.760	1.941	1.628	1.825
LTE Band 41_Ant 2 TX0	0.613	0.333	0.201	1.755	1.936	1.623	1.820
LTE Band 66_Ant 2 TX0	0.662	0.333	0.201	1.804	1.985	1.672	1.869
FR1 n7_Ant 2 TX0	0.627	0.333	0.201	1.769	1.950	1.637	1.834
FR1 n25_Ant 2 TX0	0.650	0.333	0.201	1.792	1.973	1.660	1.857
FR1 n30_Ant 2 TX0	0.644	0.333	0.201	1.786	1.967	1.654	1.851
FR1 n38_Ant 2 TX0	0.551	0.333	0.201	1.693	1.874	1.561	1.758
FR1 n41_Ant 2 TX0	0.652	0.333	0.201	1.794	1.975	1.662	1.859
FR1 n48_Ant 2 Sub TX0	0.624	0.333	0.201	1.766	1.947	1.634	1.831
FR1 n66_Ant 2 TX0	0.628	0.333	0.201	1.770	1.951	1.638	1.835
FR1 n70_Ant 2 TX0	0.611	0.333	0.201	1.753	1.934	1.621	1.818
FR1 n77_Ant 2 Sub TX0	0.554	0.333	0.201	1.696	1.877	1.564	1.761
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.333	0.201	1.762	1.943	1.630	1.827

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-66.0	-53.0	-207.0	76.6	1.99	0.04	Not required
WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	0.534	-63.0	23.5	-207.0				



<Case 256>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.154	0.333	1.645	1.826	1.513	1.710
LTE Band 41_Ant 5 Sub TX1	0.560	0.154	0.333	1.655	1.836	1.523	1.720
LTE Band 66_Ant 5 Sub TX1	0.378	0.154	0.333	1.473	1.654	1.341	1.538
FR1 n25_Ant 5 Sub TX1	0.590	0.154	0.333	1.685	1.866	1.553	1.750
FR1 n38_Ant 5 Sub TX1	0.516	0.154	0.333	1.611	1.792	1.479	1.676
FR1 n41_Ant 5 Sub TX1	0.552	0.154	0.333	1.647	1.828	1.515	1.712
FR1 n48_Ant 5 Sub TX1	0.655	0.154	0.333	1.750	1.931	1.618	1.815
FR1 n66_Ant 5 Sub TX1	0.101	0.154	0.333	1.196	1.377	1.064	1.261
FR1 n77_Ant 5 Sub TX1	0.677	0.154	0.333	1.772	1.953	1.640	1.837
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.154	0.333	1.842	2.023	1.710	1.907

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.1	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	139.6	0.94	0.01	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	0.90	0.01	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	146.7	1.12	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	101.5	1.06	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	16.1	0.49	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	48.8	0.43	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 257>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.051	0.333	1.542	1.723	1.410	1.607
LTE Band 41_Ant 5 Sub TX1	0.560	0.051	0.333	1.552	1.733	1.420	1.617
LTE Band 66_Ant 5 Sub TX1	0.378	0.051	0.333	1.370	1.551	1.238	1.435
FR1 n25_Ant 5 Sub TX1	0.590	0.051	0.333	1.582	1.763	1.450	1.647
FR1 n38_Ant 5 Sub TX1	0.516	0.051	0.333	1.508	1.689	1.376	1.573
FR1 n41_Ant 5 Sub TX1	0.552	0.051	0.333	1.544	1.725	1.412	1.609
FR1 n48_Ant 5 Sub TX1	0.655	0.051	0.333	1.647	1.828	1.515	1.712
FR1 n66_Ant 5 Sub TX1	0.101	0.051	0.333	1.093	1.274	0.961	1.158
FR1 n77_Ant 5 Sub TX1	0.677	0.051	0.333	1.669	1.850	1.537	1.734
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.051	0.333	1.739	1.920	1.607	1.804

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.2	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	77.2	0.84	0.01	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.80	0.03	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	146.7	1.12	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	101.5	1.06	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	79.9	0.38	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	24.3	0.32	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 258>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.250	0.333	1.741	1.922	1.609	1.806
LTE Band 41_Ant 5 Sub TX1	0.560	0.250	0.333	1.751	1.932	1.619	1.816
LTE Band 66_Ant 5 Sub TX1	0.378	0.250	0.333	1.569	1.750	1.437	1.634
FR1 n25_Ant 5 Sub TX1	0.590	0.250	0.333	1.781	1.962	1.649	1.846
FR1 n38_Ant 5 Sub TX1	0.516	0.250	0.333	1.707	1.888	1.575	1.772
FR1 n41_Ant 5 Sub TX1	0.552	0.250	0.333	1.743	1.924	1.611	1.808
FR1 n48_Ant 5 Sub TX1	0.655	0.250	0.333	1.846	2.027	1.714	1.911
FR1 n66_Ant 5 Sub TX1	0.101	0.250	0.333	1.292	1.473	1.160	1.357
FR1 n77_Ant 5 Sub TX1	0.677	0.250	0.333	1.868	2.049	1.736	1.933
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.250	0.333	1.938	2.119	1.806	2.003

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.1	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	139.2	1.04	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	77.2	0.88	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	1.00	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.84	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	146.7	1.12	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	101.5	1.06	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	14.3	0.58	0.03	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	79.9	0.43	0.00	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	49.7	0.52	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	24.3	0.37	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	68.4	0.34	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 259>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.333	0.207	1.698	1.879	1.566	1.763
LTE Band 41_Ant 5 Sub TX1	0.560	0.333	0.207	1.708	1.889	1.576	1.773
LTE Band 66_Ant 5 Sub TX1	0.378	0.333	0.207	1.526	1.707	1.394	1.591
FR1 n25_Ant 5 Sub TX1	0.590	0.333	0.207	1.738	1.919	1.606	1.803
FR1 n38_Ant 5 Sub TX1	0.516	0.333	0.207	1.664	1.845	1.532	1.729
FR1 n41_Ant 5 Sub TX1	0.552	0.333	0.207	1.700	1.881	1.568	1.765
FR1 n48_Ant 5 Sub TX1	0.655	0.333	0.207	1.803	1.984	1.671	1.868
FR1 n66_Ant 5 Sub TX1	0.101	0.333	0.207	1.249	1.430	1.117	1.314
FR1 n77_Ant 5 Sub TX1	0.677	0.333	0.207	1.825	2.006	1.693	1.890
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.333	0.207	1.895	2.076	1.763	1.960

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.1	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	139.8	1.00	0.01	Not required
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	0.95	0.01	Not required
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	146.7	1.12	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	101.5	1.06	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	17.1	0.54	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	48.3	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 260>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.333	0.199	1.690	1.871	1.558	1.755
LTE Band 41_Ant 5 Sub TX1	0.560	0.333	0.199	1.700	1.881	1.568	1.765
LTE Band 66_Ant 5 Sub TX1	0.378	0.333	0.199	1.518	1.699	1.386	1.583
FR1 n25_Ant 5 Sub TX1	0.590	0.333	0.199	1.730	1.911	1.598	1.795
FR1 n38_Ant 5 Sub TX1	0.516	0.333	0.199	1.656	1.837	1.524	1.721
FR1 n41_Ant 5 Sub TX1	0.552	0.333	0.199	1.692	1.873	1.560	1.757
FR1 n48_Ant 5 Sub TX1	0.655	0.333	0.199	1.795	1.976	1.663	1.860
FR1 n66_Ant 5 Sub TX1	0.101	0.333	0.199	1.241	1.422	1.109	1.306
FR1 n77_Ant 5 Sub TX1	0.677	0.333	0.199	1.817	1.998	1.685	1.882
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.333	0.199	1.887	2.068	1.755	1.952

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.1	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	79.1	0.99	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	24.3	0.95	0.04	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	146.7	1.12	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	101.5	1.06	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	79.6	0.53	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	22.5	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 261>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.789	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.333	0.201	1.692	1.873	1.560	1.757
LTE Band 41_Ant 5 Sub TX1	0.560	0.333	0.201	1.702	1.883	1.570	1.767
LTE Band 66_Ant 5 Sub TX1	0.378	0.333	0.201	1.520	1.701	1.388	1.585
FR1 n25_Ant 5 Sub TX1	0.590	0.333	0.201	1.732	1.913	1.600	1.797
FR1 n38_Ant 5 Sub TX1	0.516	0.333	0.201	1.658	1.839	1.526	1.723
FR1 n41_Ant 5 Sub TX1	0.552	0.333	0.201	1.694	1.875	1.562	1.759
FR1 n48_Ant 5 Sub TX1	0.655	0.333	0.201	1.797	1.978	1.665	1.862
FR1 n66_Ant 5 Sub TX1	0.101	0.333	0.201	1.243	1.424	1.111	1.308
FR1 n77_Ant 5 Sub TX1	0.677	0.333	0.201	1.819	2.000	1.687	1.884
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.333	0.201	1.889	2.070	1.757	1.954

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.1	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	139.1	0.99	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	76.6	0.87	0.01	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.2	0.95	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.83	0.03	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	146.7	1.12	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	101.5	1.06	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	17.6	0.53	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	82.4	0.41	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	47.6	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	25.2	0.35	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	69.3	0.28	0.00	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 262>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency (MHz)	Power (W)	Antenna	Max SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
262	Model 1	900	0.638	Ant 0	0.638	93.0	1.94	0.03	Not required
262	Model 1	2400	1.306	Ant 4+3	1.306	93.0	1.94	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0	93.0	1.94	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	1.306	-63.0	45.0	-207.0	93.0	1.94	0.03	Not required

<Case 263>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency (MHz)	Power (W)	Antenna	Max SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
263	Model 1	900	0.638	Ant 0	0.638	72.1	1.84	0.03	Not required
263	Model 1	2400	1.203	Ant 3+4	1.203	72.1	1.84	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0	72.1	1.84	0.03	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	1.203	-60.0	24.0	-207.0	72.1	1.84	0.03	Not required

<Case 264>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency (MHz)	Power (W)	Antenna	Max SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
264	Model 1	900	0.638	Ant 0	0.638	69.4	2.04	0.04	Not required
264	Model 1	2400	1.402	Ant 4+3	1.402	69.4	2.04	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	69.4	2.04	0.04	Not required
Max WWAN Ant 1 + WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	1.402	-60.0	24.0	-207.0	69.4	2.04	0.04	Not required

<Case 265>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency (MHz)	Power (W)	Antenna	Max SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
265	Model 1	900	0.638	Ant 0	0.638	90.2	2.00	0.03	Not required
265	Model 1	2400	1.359	Ant 4+3	1.359	90.2	2.00	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.638	-63.0	45.0	-207.0	90.2	2.00	0.03	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4	1.359	-64.9	-45.2	-207.0	90.2	2.00	0.03	Not required



<Case 266>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (W)	Antenna	Max SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	700	0.638	0	0.638	71.3	1.99	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	700	1.351	1	1.351	71.3	1.99	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	71.3	1.99	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 3	1.351	-61.5	26.0	-207.0	71.3	1.99	0.04	Not required

<Case 267>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (W)	Antenna	Max SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	700	0.638	0	0.638	68.7	1.99	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	700	1.353	1	1.353	68.7	1.99	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	68.7	1.99	0.04	Not required
Max WWAN Ant 1 + WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	1.353	-63.0	23.5	-207.0	68.7	1.99	0.04	Not required

<Case 268>

SPLSR calculation for summation SAR>1.6W/kg

Case	Frequency (MHz)	Power (W)	Antenna	Max SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 1	700	0.829	1	0.829	95.2	1.65	0.02	Not required
Max WWAN Ant 0	700	0.825	0	0.825	95.2	1.65	0.02	Not required
Max WWAN Ant 1	700	0.829	1	0.829	36.4	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	700	0.234	3	0.234	36.4	1.06	0.03	Not required
Max WWAN Ant 0	700	0.825	0	0.825	50.7	1.06	0.02	Not required
WLAN5/6G Ant 4+3(3)	700	0.234	3	0.234	50.7	1.06	0.02	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0	95.2	1.65	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0	95.2	1.65	0.02	Not required
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0	36.4	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	36.4	1.06	0.03	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0	50.7	1.06	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	50.7	1.06	0.02	Not required



<Case 269>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency	Power	Antenna	Position	Orientation	Distance	SAR	3D Distance	Summed SAR	SPLSR Results	Simultaneous SAR
Max WWAN Ant 1		0.829										
Max WWAN Ant 0		0.825										
Max WWAN Ant 1		0.829										
WLAN2.4G Ant 3		0.045										
Max WWAN Ant 0		0.825										
WLAN2.4G Ant 3		0.045										
Max WWAN Ant 1		0.829										
WLAN5/6G Ant 4+3(3)		0.234										
Max WWAN Ant 0		0.825										
WLAN5/6G Ant 4+3(3)		0.234										
WLAN2.4G Ant 3		0.045										
WLAN5/6G Ant 4+3(3)		0.234										

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	89.2	1.65	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0				
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0	57.5	0.87	0.01	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0	29.0	0.87	0.03	Not required
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0	36.4	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	50.7	1.06	0.02	Not required
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	21.9	0.28	0.01	Not required
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0				

<Case 270>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency	Power	Antenna	Position	Orientation	Distance	SAR	3D Distance	Summed SAR	SPLSR Results	Simultaneous SAR
Max WWAN Ant 1		0.829										
Max WWAN Ant 0		0.825										
Max WWAN Ant 1		0.829										
WLAN2.4G Ant 4+3(3)		0.090										
Max WWAN Ant 0		0.825										
WLAN2.4G Ant 4+3(3)		0.090										
Max WWAN Ant 1		0.829										
WLAN5/6G Ant 4+3(3)		0.234										
Max WWAN Ant 0		0.825										
WLAN5/6G Ant 4+3(3)		0.234										
WLAN2.4G Ant 4+3(3)		0.090										
WLAN5G Ant 4+3(3)		0.234										

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	89.2	1.65	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0				
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0	55.6	0.92	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0	31.4	0.92	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0	36.4	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	50.7	1.06	0.02	Not required
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0				
WLAN5G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	19.3	0.32	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0				



<Case 271>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency	Power	Antenna	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
271	Model	Frequency	Power	Antenna	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0	95.2	1.65	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	36.4	1.06	0.03	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0	50.7	1.06	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				

<Case 272>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency	Power	Antenna	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
272	Model	Frequency	Power	Antenna	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.829	-27.0	-49.0	-207.0	87.0	1.65	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0	25.6	1.00	0.04	Not required
Bluetooth Ant 3	0.175	-30.0	-23.0	-207.0				
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Bluetooth Ant 3	0.175	-30.0	-23.0	-207.0	61.2	1.00	0.02	Not required
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	36.4	1.06	0.03	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0	50.7	1.06	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Bluetooth Ant 3	0.175	-30.0	-23.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	10.9	0.41	0.02	Not required



<Case 273>

SPLSR calculation for summation SAR>1.6W/kg

Case	Antenna	Power	Frequency	Distance	Direction	...
1	Max WWAN Ant 1	0.829	1920	87.0	0.02	...
2	Max WWAN Ant 0	0.825	1920	87.0	0.02	...
3	Max WWAN Ant 1	0.829	1920	54.5	0.02	...
4	Bluetooth Ant 4+3(3)	0.136	2400	54.5	0.02	...
5	Max WWAN Ant 0	0.825	1920	32.1	0.03	...
6	Bluetooth Ant 4+3(3)	0.136	2400	32.1	0.03	...
7	Max WWAN Ant 1	0.829	1920	36.4	0.03	...
8	WLAN5/6G Ant 4+3(3)	0.234	5800	36.4	0.03	...
9	Max WWAN Ant 0	0.825	1920	50.7	0.02	...
10	WLAN5/6G Ant 4+3(3)	0.234	5800	50.7	0.02	...
11	Bluetooth Ant 4+3(3)	0.136	2400	18.6	0.01	...
12	WLAN5/6G Ant 4+3(3)	0.234	5800	18.6	0.01	...

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.829	-27.0	-49.0	-207.0	87.0	1.65	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0				
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0	54.5	0.97	0.02	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0				
Max WWAN Ant 1	0.829	-28.0	-48.5	-207.0	32.1	0.96	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	36.4	1.06	0.03	Not required
Max WWAN Ant 0	0.825	-25.7	38.0	-207.0				
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0	50.7	1.06	0.02	Not required
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0	18.6	0.37	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				

<Case 274>

SPLSR calculation for summation SAR>1.6W/kg

Case	Antenna	Power	Frequency	Distance	Direction	...
1	Max WWAN Ant 2	0.662	1920	33.0	0.04	...
2	Max WWAN Ant 0	0.638	1920	33.0	0.04	...
3	Max WWAN Ant 2	0.662	1920	155.0	0.00	...
4	WLAN2.4G Ant 4	0.154	2400	155.0	0.00	...
5	Max WWAN Ant 0	0.638	1920	133.9	0.01	...
6	WLAN2.4G Ant 4	0.154	2400	133.9	0.01	...
7	Max WWAN Ant 2	0.662	1920	157.7	1.00	...
8	WLAN5/6G Ant 4+3(4)	0.333	5800	157.7	1.00	...
9	Max WWAN Ant 2	0.662	1920	129.1	0.93	...
10	WLAN5/6G Ant 4+3(3)	0.271	5800	129.1	0.93	...
11	Max WWAN Ant 0	0.638	1920	141.0	0.97	...
12	WLAN5/6G Ant 4+3(4)	0.333	5800	141.0	0.97	...
13	Max WWAN Ant 0	0.638	1920	96.4	0.91	...
14	WLAN5/6G Ant 4+3(3)	0.271	5800	96.4	0.91	...
15	WLAN2.4G Ant 4	0.154	2400	16.1	0.49	...
16	WLAN5/6G Ant 4+3(4)	0.333	5800	16.1	0.49	...
17	WLAN2.4G Ant 4	0.154	2400	48.8	0.43	...
18	WLAN5/6G Ant 4+3(3)	0.271	5800	48.8	0.43	...
19	WLAN5/6G Ant 4+3(4)	0.333	5800	63.0	0.60	...
20	WLAN5/6G Ant 4+3(3)	0.271	5800	63.0	0.60	...

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.662	-37.0	-81.0	-207.0	33.0	1.30	0.04	Not required
Max WWAN Ant 0	0.638	-58.0	-55.5	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	155.0	0.82	0.00	Not required
Max WWAN Ant 0	0.638	-56.3	-49.9	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	129.1	0.93	0.01	Not required
Max WWAN Ant 0	0.638	-56.3	-49.9	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	141.0	0.97	0.01	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	16.1	0.49	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	48.8	0.43	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 275>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns representing different antenna combinations (e.g., WWAN Ant 2, WLAN2.4G Ant 3) and 28 rows representing different test frequencies (e.g., 0.805 GHz, 0.87 GHz, 1.90 GHz, etc.). Each cell contains SAR values.

Table with 8 columns: Combination, SAR, SAR peak location (mm) [X, Y, Z], 3D distance (mm), Summed SAR (W/kg), SPLSR Results, and Simultaneous SAR. It lists various antenna combinations and their corresponding SAR values and peak locations.



<Case 276>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position, SAR, and various frequency bands (900MHz, 1900MHz, 2100MHz, 2300MHz, 2500MHz, 2600MHz, 3500MHz, 3600MHz, 3800MHz, 4200MHz, 4800MHz, 5200MHz, 5800MHz, 6000MHz, 6400MHz, 7000MHz, 7200MHz, 7800MHz, 8000MHz, 8400MHz, 8600MHz, 9000MHz, 9200MHz, 9600MHz, 9800MHz, 10000MHz).

Table with columns: Combination, SAR, SAR peak location (mm) [X, Y, Z], 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Contains multiple rows for different antenna combinations.



<Case 278>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Point	1			2			3			4			5			6			7			8			9			10			11			12			13			14			15			16			17			18		
	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3	WLAN Ant 2	WLAN Ant 0	Bluetooth Ant 3			
SAR (W/kg)	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199	0.662	0.638	0.199
3D distance (mm)	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0			
Summed SAR (W/kg)	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30			
SPLSR Results	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
Simultaneous SAR	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required			

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.662	-37.0	-81.0	-207.0	33.0	1.30	0.04	Not required
Max WWAN Ant 0	0.638	-58.0	-55.5	-207.0				
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0	108.9	0.86	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0	74.0	0.84	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	129.1	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.638	-56.3	-49.9	-207.0	141.0	0.97	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0	96.4	0.91	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	79.6	0.53	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	22.5	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



FCC SAR TEST REPORT

Report No. :FA4N0920C

<Case 279>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16	
	WLAN Ant 2	Bluetooth Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)	WLAN5/6G Ant 4+3(4)		
Max	[Grid of SAR values for various exposure positions]																															
WLAN Ant 2	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	
Bluetooth Ant 4+3(4)	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	0.201	
WLAN5/6G Ant 4+3(4)	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.662	-37.0	-81.0	-207.0	33.0	1.30	0.04	Not required
Max WWAN Ant 0	0.638	-58.0	-55.5	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	155.0	0.86	0.01	Not required
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 0	0.638	-56.3	-49.9	-207.0	133.5	0.84	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	71.5	0.72	0.01	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.638	-56.3	-49.9	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	141.0	0.97	0.01	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	96.4	0.91	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	82.4	0.41	0.00	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	47.6	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	25.2	0.35	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	69.3	0.28	0.00	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required



<Case 280>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r08_Ant 5 Sub TX1	FRI r01_Ant 5 Sub TX1	FRI r04_Ant 5 Sub TX1	FRI r06_Ant 5 Sub TX1	FRI r07_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1	
Back				0.550	0.560	0.378	0.550	0.516	0.592	0.601	0.677	0.747		
		1g SAR (W/kg)			0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.154	0.333	1.334	1.344	1.162	1.374	1.300	1.336	1.459	0.885	1.461	1.531	
WCDMA_V_Ant 0 TX0	0.468	0.154	0.333	1.495	1.505	1.323	1.535	1.461	1.497	1.620	1.046	1.622	1.692	
LTE Band 12_Ant 0 TX0	0.274	0.154	0.333	1.311	1.321	1.139	1.351	1.277	1.313	1.416	0.862	1.438	1.508	
LTE Band 13_Ant 0 TX0	0.336	0.154	0.333	1.373	1.383	1.201	1.413	1.339	1.375	1.478	0.924	1.500	1.570	
LTE Band 14_Ant 0 TX0	0.359	0.154	0.333	1.396	1.406	1.224	1.436	1.362	1.398	1.501	0.947	1.523	1.593	
LTE Band 25_Ant 0 Sub TX0	0.626	0.154	0.333	1.853	1.873	1.491	1.703	1.629	1.665	1.768	1.214	1.790	1.860	
LTE Band 26_Ant 0 TX0	0.460	0.154	0.333	1.497	1.507	1.325	1.537	1.463	1.499	1.622	1.048	1.624	1.694	
LTE Band 26_IC_Ant 0 TX0	0.466	0.154	0.333	1.493	1.503	1.321	1.533	1.459	1.495	1.618	1.044	1.620	1.690	
LTE Band 41_Ant 0 Sub TX0	0.553	0.154	0.333	1.590	1.600	1.418	1.630	1.556	1.592	1.695	1.141	1.717	1.787	
LTE Band 66_Ant 0 Sub TX0	0.628	0.154	0.333	1.855	1.875	1.493	1.705	1.631	1.667	1.770	1.216	1.792	1.862	
LTE Band 71_Ant 0 TX0	0.340	0.154	0.333	1.377	1.387	1.205	1.417	1.343	1.379	1.482	0.928	1.504	1.574	
FRI r12_Ant 0 TX0	0.257	0.154	0.333	1.294	1.304	1.122	1.334	1.260	1.296	1.399	0.845	1.421	1.491	
FRI r14_Ant 0 TX0	0.376	0.154	0.333	1.413	1.423	1.241	1.453	1.379	1.415	1.518	0.964	1.540	1.610	
FRI r05_Ant 0 Sub TX0	0.636	0.154	0.333	1.873	1.893	1.501	1.713	1.639	1.675	1.778	1.224	1.800	1.870	
FRI r08_Ant 0 TX0	0.500	0.154	0.333	1.537	1.547	1.365	1.577	1.503	1.539	1.642	1.088	1.664	1.734	
FRI r01_IC_Ant 0 TX0	0.490	0.154	0.333	1.527	1.537	1.355	1.567	1.493	1.529	1.632	1.078	1.654	1.724	
FRI r04_Ant 0 Sub TX0	0.605	0.154	0.333	1.642	1.652	1.470	1.682	1.608	1.644	1.747	1.193	1.769	1.839	
FRI r06_Ant 0 Sub TX0	0.503	0.154	0.333	1.540	1.550	1.368	1.580	1.506	1.542	1.645	1.091	1.667	1.737	
FRI r06_Ant 0 Sub TX0	0.638	0.154	0.333	1.875	1.895	1.503	1.715	1.641	1.677	1.780	1.226	1.802	1.872	
FRI r07_Ant 0 TX0	0.387	0.154	0.333	1.464	1.474	1.292	1.444	1.370	1.406	1.509	0.955	1.531	1.601	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	39.4	1.39	0.04	Not required
Max WWAN Ant 0	0.638	-62.0	-50.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	85.9	0.90	0.01	Not required
Max WWAN Ant 0	0.638	-61.6	-47.8	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 0	0.638	-56.3	-49.9	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.638	-61.6	-47.8	-207.0	141.0	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	96.1	0.91	0.01	Not required
Max WWAN Ant 0	0.638	-61.6	-47.8	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	16.1	0.49	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	48.8	0.43	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 281>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n04_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.550	0.560	0.378	0.550	0.516	0.552	0.655	0.101	0.677	0.747
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.051	0.333	1.231	1.241	1.069	1.271	1.197	1.233	1.336	0.782	1.358	1.428
WCDMA_V_Ant 0 TX0	0.458	0.051	0.333	1.352	1.402	1.220	1.432	1.358	1.394	1.497	0.943	1.519	1.589
LTE Band 12_Ant 0 TX0	0.274	0.051	0.333	1.208	1.218	1.036	1.248	1.174	1.210	1.313	0.759	1.335	1.405
LTE Band 13_Ant 0 TX0	0.336	0.051	0.333	1.270	1.280	1.098	1.310	1.236	1.272	1.375	0.821	1.397	1.467
LTE Band 14_Ant 0 TX0	0.359	0.051	0.333	1.293	1.303	1.121	1.333	1.259	1.295	1.398	0.844	1.420	1.490
LTE Band 25_Ant 0 Sub TX0	0.626	0.051	0.333	1.550	1.570	1.388	1.600	1.526	1.562	1.665	1.111	1.687	1.757
LTE Band 26_Ant 0 TX0	0.460	0.051	0.333	1.394	1.404	1.222	1.434	1.360	1.396	1.499	0.945	1.521	1.591
LTE Band 26_IC_Ant 0 TX0	0.456	0.051	0.333	1.390	1.400	1.218	1.430	1.356	1.392	1.495	0.941	1.517	1.587
LTE Band 41_Ant 0 Sub TX0	0.553	0.051	0.333	1.487	1.497	1.315	1.527	1.453	1.489	1.592	1.038	1.614	1.684
LTE Band 46_Ant 0 Sub TX0	0.628	0.051	0.333	1.562	1.572	1.390	1.602	1.528	1.564	1.667	1.113	1.689	1.759
LTE Band 71_Ant 0 TX0	0.340	0.051	0.333	1.274	1.284	1.102	1.314	1.240	1.276	1.379	0.825	1.401	1.471
FRI n12_Ant 0 TX0	0.257	0.051	0.333	1.191	1.201	1.019	1.231	1.157	1.193	1.296	0.742	1.318	1.388
FRI n14_Ant 0 TX0	0.376	0.051	0.333	1.310	1.320	1.138	1.350	1.276	1.312	1.415	0.861	1.437	1.507
FRI n05_Ant 0 Sub TX0	0.636	0.051	0.333	1.570	1.580	1.398	1.610	1.536	1.572	1.675	1.121	1.697	1.767
FRI n08_Ant 0 TX0	0.500	0.051	0.333	1.434	1.444	1.262	1.474	1.400	1.436	1.539	0.965	1.561	1.631
FRI n01_IC_Ant 0 TX0	0.490	0.051	0.333	1.424	1.434	1.252	1.464	1.390	1.426	1.529	0.975	1.551	1.621
FRI n04_Ant 0 Sub TX0	0.605	0.051	0.333	1.539	1.549	1.367	1.579	1.505	1.541	1.644	1.090	1.666	1.736
FRI n06_Ant 0 Sub TX0	0.503	0.051	0.333	1.437	1.447	1.265	1.477	1.403	1.439	1.542	0.966	1.564	1.634
FRI n07_Ant 0 Sub TX0	0.638	0.051	0.333	1.572	1.582	1.400	1.612	1.538	1.574	1.677	1.123	1.699	1.769
FRI n07_IC_Ant 0 TX0	0.387	0.051	0.333	1.301	1.311	1.129	1.341	1.267	1.303	1.406	0.852	1.428	1.498

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-57.0	0.0	-207.0	48.5	1.39	0.03	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Max WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	22.1	0.80	0.03	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0	72.1	0.69	0.01	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	95.7	1.08	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.638	-56.3	-49.9	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	141.0	0.97	0.01	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0	96.4	0.91	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	79.9	0.38	0.00	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	24.3	0.32	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required



<Case 282>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r08_Ant 5 Sub TX1	FRI r01_Ant 5 Sub TX1	FRI r04_Ant 5 Sub TX1	FRI r06_Ant 5 Sub TX1	FRI r07_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.550	0.560	0.378	0.550	0.516	0.552	0.501	0.501	0.507	0.747
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.250	0.333	1.430	1.440	1.228	1.470	1.396	1.432	1.535	0.981	1.527	1.627
WCDMA_V_Ant 0 TX0	0.458	0.250	0.333	1.591	1.591	1.419	1.631	1.557	1.593	1.695	1.142	1.719	1.759
LTE Band 12_Ant 0 TX0	0.274	0.250	0.333	1.407	1.417	1.235	1.447	1.373	1.409	1.512	0.958	1.534	1.634
LTE Band 13_Ant 0 TX0	0.336	0.250	0.333	1.469	1.479	1.297	1.509	1.435	1.471	1.574	1.020	1.596	1.695
LTE Band 14_Ant 0 TX0	0.359	0.250	0.333	1.492	1.502	1.320	1.532	1.458	1.494	1.597	1.043	1.619	1.699
LTE Band 25_Ant 0 Sub TX0	0.626	0.250	0.333	1.759	1.759	1.587	1.799	1.725	1.761	1.864	1.310	1.886	1.956
LTE Band 26_Ant 0 TX0	0.460	0.250	0.333	1.593	1.603	1.421	1.633	1.559	1.595	1.698	1.144	1.720	1.759
LTE Band 26_IC_Ant 0 TX0	0.456	0.250	0.333	1.589	1.599	1.417	1.629	1.555	1.591	1.694	1.140	1.716	1.756
LTE Band 41_Ant 0 Sub TX0	0.553	0.250	0.333	1.686	1.696	1.514	1.726	1.652	1.688	1.791	1.237	1.813	1.853
LTE Band 66_Ant 0 Sub TX0	0.628	0.250	0.333	1.761	1.771	1.589	1.801	1.727	1.763	1.866	1.312	1.888	1.958
LTE Band 71_Ant 0 TX0	0.340	0.250	0.333	1.473	1.483	1.301	1.513	1.439	1.475	1.578	1.024	1.600	1.670
FRI r12_Ant 0 TX0	0.257	0.250	0.333	1.360	1.400	1.218	1.430	1.356	1.392	1.495	0.941	1.517	1.587
FRI r14_Ant 0 TX0	0.376	0.250	0.333	1.509	1.519	1.337	1.549	1.475	1.511	1.614	1.060	1.636	1.706
FRI r05_Ant 0 Sub TX0	0.636	0.250	0.333	1.769	1.779	1.597	1.809	1.735	1.771	1.874	1.320	1.896	1.966
FRI r08_Ant 0 TX0	0.500	0.250	0.333	1.633	1.643	1.461	1.673	1.599	1.635	1.738	1.184	1.760	1.830
FRI r01_Ant 0 Sub TX0	0.490	0.250	0.333	1.623	1.633	1.451	1.663	1.589	1.625	1.728	1.174	1.750	1.820
FRI r04_Ant 0 Sub TX0	0.605	0.250	0.333	1.738	1.748	1.566	1.778	1.704	1.740	1.843	1.289	1.865	1.935
FRI r06_Ant 0 Sub TX0	0.503	0.250	0.333	1.636	1.646	1.464	1.676	1.602	1.638	1.741	1.187	1.763	1.833
FRI r07_Ant 0 Sub TX0	0.638	0.250	0.333	1.771	1.781	1.599	1.811	1.737	1.773	1.876	1.322	1.898	1.968
FRI r07_IC_Ant 0 TX0	0.387	0.250	0.333	1.500	1.510	1.328	1.540	1.466	1.502	1.605	1.051	1.627	1.697

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	37.8	1.39	0.04	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	85.9	1.00	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	131.8	0.89	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	69.4	0.73	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	95.7	1.08	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	140.1	0.97	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	93.7	0.91	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	14.3	0.58	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	79.9	0.43	0.00	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	49.7	0.52	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	24.3	0.37	0.01	Not required
WLAN5G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	68.4	0.34	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required



<Case 283>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r08_Ant 5 Sub TX1	FRI r01_Ant 5 Sub TX1	FRI r04_Ant 5 Sub TX1	FRI r06_Ant 5 Sub TX1	FRI r07_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1
Back	Ig SAR (W/kg)												
	0.550	0.550	0.378	0.550	0.516	0.550	0.516	0.550	0.516	0.550	0.516	0.550	0.516
	0.297	0.333	0.207	1.387	1.387	1.215	1.427	1.383	1.389	1.452	1.098	1.514	1.584
GSM850_Ant 0 TX0	0.458	0.333	0.207	1.548	1.558	1.376	1.588	1.514	1.550	1.653	1.099	1.673	1.765
WCDMA V_Ant 0 TX0	0.274	0.333	0.207	1.354	1.374	1.192	1.404	1.330	1.366	1.469	0.915	1.491	1.561
LTE Band 12_Ant 0 TX0	0.336	0.333	0.207	1.426	1.436	1.254	1.466	1.392	1.428	1.531	0.977	1.553	1.623
LTE Band 13_Ant 0 TX0	0.359	0.333	0.207	1.449	1.459	1.277	1.489	1.415	1.451	1.554	1.000	1.576	1.646
LTE Band 14_Ant 0 TX0	0.626	0.333	0.207	1.716	1.726	1.544	1.756	1.682	1.718	1.821	1.267	1.843	1.913
LTE Band 25_Ant 0 Sub TX0	0.460	0.333	0.207	1.550	1.560	1.378	1.590	1.516	1.552	1.655	1.101	1.677	1.747
LTE Band 26_IC_Ant 0 TX0	0.456	0.333	0.207	1.546	1.556	1.374	1.586	1.512	1.548	1.651	1.097	1.673	1.743
LTE Band 41_Ant 0 Sub TX0	0.553	0.333	0.207	1.643	1.653	1.471	1.683	1.609	1.645	1.748	1.194	1.770	1.840
LTE Band 66_Ant 0 Sub TX0	0.628	0.333	0.207	1.718	1.728	1.546	1.758	1.684	1.720	1.823	1.269	1.845	1.915
LTE Band 71_Ant 0 TX0	0.340	0.333	0.207	1.430	1.440	1.258	1.470	1.396	1.432	1.535	0.981	1.557	1.627
FRI r12_Ant 0 TX0	0.257	0.333	0.207	1.347	1.357	1.175	1.387	1.313	1.349	1.452	0.898	1.474	1.544
FRI r14_Ant 0 TX0	0.376	0.333	0.207	1.466	1.476	1.294	1.506	1.432	1.468	1.571	1.017	1.593	1.663
FRI r05_Ant 0 Sub TX0	0.636	0.333	0.207	1.728	1.738	1.554	1.786	1.692	1.728	1.831	1.277	1.853	1.923
FRI r08_Ant 0 TX0	0.500	0.333	0.207	1.590	1.600	1.418	1.630	1.556	1.592	1.695	1.141	1.717	1.787
FRI r01_IC_Ant 0 TX0	0.490	0.333	0.207	1.580	1.590	1.408	1.620	1.546	1.582	1.685	1.131	1.707	1.777
FRI r04_Ant 0 Sub TX0	0.605	0.333	0.207	1.695	1.705	1.523	1.735	1.661	1.697	1.800	1.246	1.822	1.892
FRI r06_Ant 0 Sub TX0	0.503	0.333	0.207	1.593	1.603	1.421	1.633	1.559	1.595	1.698	1.144	1.720	1.790
FRI r07_Ant 0 Sub TX0	0.638	0.333	0.207	1.729	1.739	1.556	1.787	1.694	1.730	1.833	1.279	1.855	1.925
FRI r07_IC_Ant 0 TX0	0.387	0.333	0.207	1.467	1.477	1.285	1.497	1.423	1.459	1.562	1.008	1.584	1.654

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	37.9	1.39	0.04	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	85.9	0.95	0.01	Not required
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	140.1	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	93.7	0.91	0.01	Not required
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	17.1	0.54	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	48.3	0.48	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 284>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r08_Ant 5 Sub TX1	FRI r01_Ant 5 Sub TX1	FRI r04_Ant 5 Sub TX1	FRI r06_Ant 5 Sub TX1	FRI r07_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1
Back	1g SAR (W/kg)			0.550	0.550	0.378	0.550	0.516	0.552	0.555	0.101	0.677	0.747
				0.1+7+9 Summed SAR	0.1+7+10 Summed SAR	0.1+7+11 Summed SAR	0.1+7+12 Summed SAR	0.1+7+13 Summed SAR	0.1+7+14 Summed SAR	0.1+7+15 Summed SAR	0.1+7+16 Summed SAR	0.1+7+17 Summed SAR	0.1+7+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.333	0.199	1.379	1.389	1.207	1.419	1.345	1.381	1.484	1.091	1.506	1.576
WCDMA_V_Ant 0 TX0	0.458	0.333	0.199	1.540	1.550	1.368	1.580	1.506	1.542	1.645	1.249	1.667	1.737
LTE Band 12_Ant 0 TX0	0.274	0.333	0.199	1.356	1.366	1.184	1.396	1.322	1.358	1.461	0.907	1.483	1.553
LTE Band 13_Ant 0 TX0	0.336	0.333	0.199	1.418	1.428	1.246	1.458	1.384	1.420	1.523	0.959	1.545	1.615
LTE Band 14_Ant 0 TX0	0.359	0.333	0.199	1.441	1.451	1.269	1.481	1.407	1.443	1.546	0.992	1.568	1.638
LTE Band 25_Ant 0 Sub TX0	0.626	0.333	0.199	1.708	1.718	1.536	1.748	1.674	1.710	1.813	1.259	1.835	1.905
LTE Band 26_Ant 0 TX0	0.460	0.333	0.199	1.542	1.552	1.370	1.582	1.508	1.544	1.647	1.093	1.669	1.739
LTE Band 26_IC_Ant 0 TX0	0.456	0.333	0.199	1.538	1.548	1.366	1.578	1.504	1.540	1.643	1.089	1.665	1.735
LTE Band 41_Ant 0 Sub TX0	0.553	0.333	0.199	1.635	1.645	1.463	1.675	1.601	1.637	1.740	1.186	1.762	1.832
LTE Band 66_Ant 0 Sub TX0	0.628	0.333	0.199	1.719	1.729	1.538	1.759	1.675	1.712	1.815	1.261	1.837	1.907
LTE Band 71_Ant 0 TX0	0.340	0.333	0.199	1.422	1.432	1.250	1.462	1.388	1.424	1.527	0.973	1.549	1.619
FRI r12_Ant 0 TX0	0.257	0.333	0.199	1.339	1.349	1.167	1.379	1.305	1.341	1.444	0.890	1.466	1.536
FRI r14_Ant 0 TX0	0.376	0.333	0.199	1.458	1.468	1.286	1.498	1.424	1.460	1.563	1.009	1.585	1.655
FRI r05_Ant 0 Sub TX0	0.636	0.333	0.199	1.718	1.728	1.546	1.758	1.684	1.720	1.823	1.269	1.845	1.915
FRI r08_Ant 0 TX0	0.500	0.333	0.199	1.582	1.592	1.410	1.622	1.548	1.584	1.687	1.133	1.709	1.779
FRI r01_Ant 0 Sub TX0	0.480	0.333	0.199	1.572	1.582	1.400	1.612	1.538	1.574	1.677	1.123	1.699	1.769
FRI r04_Ant 0 TX0	0.605	0.333	0.199	1.667	1.677	1.515	1.727	1.653	1.689	1.792	1.238	1.814	1.884
FRI r06_Ant 0 Sub TX0	0.503	0.333	0.199	1.585	1.595	1.413	1.625	1.551	1.587	1.690	1.136	1.712	1.782
FRI r07_Ant 0 Sub TX0	0.638	0.333	0.199	1.729	1.739	1.548	1.760	1.686	1.722	1.825	1.271	1.847	1.917
FRI r07_IC_Ant 0 TX0	0.387	0.333	0.199	1.449	1.459	1.277	1.489	1.415	1.451	1.554	1.000	1.576	1.646

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	37.9	1.39	0.04	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	24.3	0.95	0.04	Not required
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	140.1	0.97	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	93.7	0.91	0.01	Not required
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	79.6	0.53	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	22.5	0.47	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				

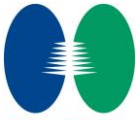


<Case 285>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n04_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1	
Back				0.550	0.550	0.378	0.550	0.516	0.550	0.516	0.101	0.677	0.747	
		1g SAR (W/kg)			0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR
GSM850_Ant 0 TX0	0.297	0.333	0.201	1.381	1.381	1.209	1.421	1.347	1.383	1.456	0.932	1.508	1.578	
WCDMA_V_Ant 0 TX0	0.458	0.333	0.201	1.542	1.542	1.370	1.582	1.508	1.544	1.617	1.093	1.669	1.739	
LTE Band 12_Ant 0 TX0	0.274	0.333	0.201	1.358	1.358	1.186	1.398	1.324	1.360	1.433	0.909	1.485	1.555	
LTE Band 13_Ant 0 TX0	0.336	0.333	0.201	1.420	1.420	1.248	1.460	1.386	1.422	1.525	0.971	1.547	1.617	
LTE Band 14_Ant 0 TX0	0.359	0.333	0.201	1.443	1.443	1.271	1.483	1.409	1.445	1.548	0.994	1.570	1.640	
LTE Band 25_Ant 0 Sub TX0	0.626	0.333	0.201	1.719	1.725	1.538	1.750	1.676	1.712	1.815	1.261	1.837	1.907	
LTE Band 26_Ant 0 TX0	0.460	0.333	0.201	1.544	1.554	1.372	1.584	1.510	1.546	1.649	1.095	1.671	1.741	
LTE Band 26_IC_Ant 0 TX0	0.456	0.333	0.201	1.540	1.550	1.368	1.580	1.506	1.542	1.645	1.091	1.667	1.737	
LTE Band 41_Ant 0 Sub TX0	0.553	0.333	0.201	1.637	1.647	1.465	1.677	1.603	1.639	1.742	1.188	1.764	1.834	
LTE Band 66_Ant 0 Sub TX0	0.628	0.333	0.201	1.712	1.722	1.540	1.752	1.678	1.714	1.817	1.263	1.839	1.909	
LTE Band 71_Ant 0 TX0	0.340	0.333	0.201	1.424	1.434	1.252	1.464	1.390	1.426	1.529	0.975	1.551	1.621	
FRI n02_Ant 0 TX0	0.257	0.333	0.201	1.341	1.351	1.169	1.381	1.307	1.343	1.446	0.892	1.468	1.538	
FRI n04_Ant 0 TX0	0.376	0.333	0.201	1.460	1.470	1.288	1.500	1.426	1.462	1.565	1.011	1.587	1.657	
FRI n05_Ant 0 Sub TX0	0.636	0.333	0.201	1.728	1.738	1.548	1.760	1.686	1.722	1.825	1.271	1.847	1.917	
FRI n06_Ant 0 TX0	0.500	0.333	0.201	1.584	1.584	1.412	1.624	1.550	1.586	1.689	1.136	1.711	1.781	
FRI n06_IC_Ant 0 TX0	0.490	0.333	0.201	1.574	1.584	1.402	1.614	1.540	1.576	1.679	1.126	1.701	1.771	
FRI n08_Ant 0 Sub TX0	0.605	0.333	0.201	1.669	1.669	1.517	1.729	1.655	1.691	1.794	1.240	1.816	1.886	
FRI n01_Ant 0 Sub TX0	0.503	0.333	0.201	1.587	1.587	1.415	1.627	1.553	1.589	1.692	1.136	1.714	1.784	
FRI n04_Ant 0 Sub TX0	0.628	0.333	0.201	1.722	1.732	1.550	1.762	1.688	1.724	1.827	1.273	1.849	1.919	
FRI n07_Ant 0 TX0	0.387	0.333	0.201	1.461	1.461	1.279	1.491	1.417	1.453	1.556	1.002	1.578	1.648	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	37.9	1.39	0.04	Not required
Max WWAN Ant 0	0.638	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	85.2	0.95	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	131.6	0.84	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	68.7	0.72	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	95.7	1.08	0.01	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0	140.1	0.97	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 0	0.638	-64.9	-45.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	93.7	0.91	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	17.6	0.53	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	82.4	0.41	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	47.6	0.47	0.01	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	25.2	0.35	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	69.3	0.28	0.00	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	63.0	0.60	0.01	Not required



FCC SAR TEST REPORT

<Case 286>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, SAR, and multiple SAR frequency bands (900-1900 MHz).

Table with columns: SAR, Position, and multiple SAR frequency bands (900-1900 MHz).

<Case 287>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Position, SAR, and multiple SAR frequency bands (900-1900 MHz).

Table with columns: SAR, Position, and multiple SAR frequency bands (900-1900 MHz).



FCC SAR TEST REPORT

Report No. :FA4N0920C

<Case 290>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Position, E, H, and SAR values for various frequencies (900, 1500, 1900, 2100 MHz) and antenna types (A1, A2, A3, A4).

Table with columns for Position, E, H, and SAR values for various frequencies (900, 1500, 1900, 2100 MHz) and antenna types (A1, A2, A3, A4).



<Case 292>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5.6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TX1	0.252	0.001	0.234	1.014	0.964	1.000	1.019
GSM1900_Ant 1 TX1	0.311	0.001	0.234	1.073	1.023	1.059	1.078
WCDMA II_Ant 1 TX1	0.819	0.001	0.234	1.581	1.531	1.567	1.586
WCDMA IV_Ant 1 TX1	0.343	0.001	0.234	1.105	1.055	1.091	1.110
WCDMA V_Ant 1 TX1	0.143	0.001	0.234	0.905	0.855	0.891	0.910
LTE Band 7_Ant 1 TX1	0.747	0.001	0.234	1.509	1.459	1.495	1.514
LTE Band 12_Ant 1 TX1	0.329	0.001	0.234	1.091	1.041	1.077	1.096
LTE Band 13_Ant 1 TX1	0.263	0.001	0.234	1.025	0.975	1.011	1.030
LTE Band 14_Ant 1 TX1	0.228	0.001	0.234	0.990	0.940	0.976	0.995
LTE Band 25_Ant 1 TX1	0.829	0.001	0.234	1.591	1.541	1.577	1.596
LTE Band 26_Ant 1 TX1	0.152	0.001	0.234	0.914	0.864	0.900	0.919
LTE Band 26_IC_Ant 1 TX1	0.170	0.001	0.234	0.932	0.882	0.918	0.937
LTE Band 30_Ant 1 TX1	0.204	0.001	0.234	0.966	0.916	0.952	0.971
LTE Band 41_Ant 1 TX1	0.478	0.001	0.234	1.240	1.190	1.226	1.245
LTE Band 48_Ant 1 TX1	0.662	0.001	0.234	1.424	1.374	1.410	1.429
LTE Band 66_Ant 1 TX1	0.297	0.001	0.234	1.059	1.009	1.045	1.064
FR1 n7_Ant 1 TX1	0.740	0.001	0.234	1.502	1.452	1.488	1.507
FR1 n12_Ant 1 TX1	0.282	0.001	0.234	1.044	0.994	1.030	1.049
FR1 n14_Ant 1 TX1	0.338	0.001	0.234	1.100	1.050	1.086	1.105
FR1 n25_Ant 1 TX1	0.448	0.001	0.234	1.210	1.160	1.196	1.215
FR1 n26_Ant 1 TX1	0.121	0.001	0.234	0.883	0.833	0.869	0.888
FR1 n26_IC_Ant 1 TX1	0.158	0.001	0.234	0.920	0.870	0.906	0.925
FR1 n30_Ant 1 TX1	0.223	0.001	0.234	0.985	0.935	0.971	0.990
FR1 n38_Ant 1 TX1	0.560	0.001	0.234	1.322	1.272	1.308	1.327
FR1 n41_Ant 1 TX1	0.633	0.001	0.234	1.395	1.345	1.381	1.400
FR1 n48_Ant 1 TX1	0.637	0.001	0.234	1.399	1.349	1.385	1.404
FR1 n68_Ant 1 TX1	0.546	0.001	0.234	1.308	1.258	1.294	1.313
FR1 n70_Ant 1 TX1	0.356	0.001	0.234	1.118	1.068	1.104	1.123
FR1 n71_Ant 1 TX1	0.329	0.001	0.234	1.091	1.041	1.077	1.096
FR1 n77_Ant 1 TX1	0.523	0.001	0.234	1.285	1.235	1.271	1.290
FR1 n77_IC_Ant 1 TX1	0.322	0.001	0.234	1.084	1.034	1.070	1.089

SAR peak location (mm)			X (axis)	0	1	2	9	10	11	12	
X (axis)	Y (axis)	Z (axis)	Y (axis)	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5.6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0	
			Z (axis)	Right Edge	1g SAR (W/kg)				0.527	0.477	0.513
			Exposure Position					0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results
-24.4	17.7	-207	GSM850_Ant 1 TX1	0.252	0.001	0.234					
-40.1	-52.7	-207	GSM1900_Ant 1 TX1	0.311	0.001	0.234					
-30.4	-57.1	-207	WCDMA II_Ant 1 TX1	0.819	0.001	0.234					
-24.4	-55.7	-207	WCDMA IV_Ant 1 TX1	0.343	0.001	0.234					
-24.4	-39	-207	WCDMA V_Ant 1 TX1	0.143	0.001	0.234					
-30	-51.5	-207	LTE Band 7_Ant 1 TX1	0.747	0.001	0.234					
-25.6	-37.2	-207	LTE Band 12_Ant 1 TX1	0.329	0.001	0.234					
-24.4	-37	-207	LTE Band 13_Ant 1 TX1	0.263	0.001	0.234					
-24.4	-36.7	-207	LTE Band 14_Ant 1 TX1	0.228	0.001	0.234					
-32.3	-40.1	-207	LTE Band 25_Ant 1 TX1	0.829	0.001	0.234				0.03	
-24.4	-40	-207	LTE Band 26_Ant 1 TX1	0.152	0.001	0.234					
-24.4	-39.3	-207	LTE Band 26_IC_Ant 1 TX1	0.170	0.001	0.234					
-25.5	-3.5	-207	LTE Band 30_Ant 1 TX1	0.204	0.001	0.234					
-27.5	-48.5	-207	LTE Band 41_Ant 1 TX1	0.478	0.001	0.234					
-27	-49	-207	LTE Band 48_Ant 1 TX1	0.662	0.001	0.234					
-23	-55.8	-207	LTE Band 66_Ant 1 TX1	0.297	0.001	0.234					
-31	-51	-207	FR1 n7_Ant 1 TX1	0.740	0.001	0.234					
-25.4	-39	-207	FR1 n12_Ant 1 TX1	0.282	0.001	0.234					
-23.4	-8.4	-207	FR1 n14_Ant 1 TX1	0.338	0.001	0.234					
-31.6	-61.8	-207	FR1 n25_Ant 1 TX1	0.448	0.001	0.234					
-26.4	13.2	-207	FR1 n26_Ant 1 TX1	0.121	0.001	0.234					
-26.4	13.2	-207	FR1 n26_IC_Ant 1 TX1	0.158	0.001	0.234					
-26.5	-2	-207	FR1 n30_Ant 1 TX1	0.223	0.001	0.234					
-28	-48.5	-207	FR1 n38_Ant 1 TX1	0.560	0.001	0.234					
-26.5	-49.5	-207	FR1 n41_Ant 1 TX1	0.633	0.001	0.234					
-32	-49	-207	FR1 n48_Ant 1 TX1	0.637	0.001	0.234					
-23.4	-56.6	-207	FR1 n68_Ant 1 TX1	0.546	0.001	0.234					
-23.2	-58	-207	FR1 n70_Ant 1 TX1	0.356	0.001	0.234					
-28.6	-40.3	-207	FR1 n71_Ant 1 TX1	0.329	0.001	0.234					
-29	-50	-207	FR1 n77_Ant 1 TX1	0.523	0.001	0.234					
-30	-52	-207	FR1 n77_IC_Ant 1 TX1	0.322	0.001	0.234					



<Case 293>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TXi	0.252	0.045	0.234	1.058	1.008	1.044	1.063
GSM1900_Ant 1 TXi	0.311	0.045	0.234	1.117	1.067	1.103	1.122
WCDMA II_Ant 1 TXi	0.819	0.045	0.234	1.625	1.575	1.611	1.630
WCDMA IV_Ant 1 TXi	0.343	0.045	0.234	1.149	1.099	1.135	1.154
WCDMA V_Ant 1 TXi	0.143	0.045	0.234	0.949	0.899	0.935	0.954
LTE Band 7_Ant 1 TXi	0.747	0.045	0.234	1.553	1.503	1.539	1.558
LTE Band 12_Ant 1 TXi	0.329	0.045	0.234	1.135	1.085	1.121	1.140
LTE Band 13_Ant 1 TXi	0.263	0.045	0.234	1.069	1.019	1.055	1.074
LTE Band 14_Ant 1 TXi	0.228	0.045	0.234	1.034	0.984	1.020	1.039
LTE Band 25_Ant 1 TXi	0.829	0.045	0.234	1.635	1.585	1.621	1.640
LTE Band 26_Ant 1 TXi	0.152	0.045	0.234	0.958	0.908	0.944	0.963
LTE Band 26_IC_Ant 1 TXi	0.170	0.045	0.234	0.976	0.926	0.962	0.981
LTE Band 30_Ant 1 TXi	0.204	0.045	0.234	1.010	0.960	0.996	1.015
LTE Band 41_Ant 1 TXi	0.478	0.045	0.234	1.284	1.234	1.270	1.289
LTE Band 48_Ant 1 TXi	0.662	0.045	0.234	1.468	1.418	1.454	1.473
LTE Band 66_Ant 1 TXi	0.297	0.045	0.234	1.103	1.053	1.089	1.108
FR1 n7_Ant 1 TXi	0.740	0.045	0.234	1.546	1.496	1.532	1.551
FR1 n12_Ant 1 TXi	0.282	0.045	0.234	1.088	1.038	1.074	1.093
FR1 n14_Ant 1 TXi	0.338	0.045	0.234	1.144	1.094	1.130	1.149
FR1 n25_Ant 1 TXi	0.448	0.045	0.234	1.254	1.204	1.240	1.259
FR1 n26_Ant 1 TXi	0.121	0.045	0.234	0.927	0.877	0.913	0.932
FR1 n26_IC_Ant 1 TXi	0.158	0.045	0.234	0.964	0.914	0.950	0.969
FR1 n30_Ant 1 TXi	0.223	0.045	0.234	1.029	0.979	1.015	1.034
FR1 n38_Ant 1 TXi	0.560	0.045	0.234	1.366	1.316	1.352	1.371
FR1 n41_Ant 1 TXi	0.633	0.045	0.234	1.439	1.389	1.425	1.444
FR1 n48_Ant 1 TXi	0.637	0.045	0.234	1.443	1.393	1.429	1.448
FR1 n66_Ant 1 TXi	0.546	0.045	0.234	1.352	1.302	1.338	1.357
FR1 n70_Ant 1 TXi	0.356	0.045	0.234	1.162	1.112	1.148	1.167
FR1 n71_Ant 1 TXi	0.329	0.045	0.234	1.135	1.085	1.121	1.140
FR1 n77_Ant 1 TXi	0.523	0.045	0.234	1.329	1.279	1.315	1.334
FR1 n77_IC_Ant 1 TXi	0.322	0.045	0.234	1.128	1.078	1.114	1.133

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	110.6	1.36	0.01	Not required
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	44.6	0.58	0.01	Not required
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0				
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0	66.2	0.87	0.01	Not required
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	65.8	0.77	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0	44.8	1.06	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0	21.9	0.28	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				



<Case 294>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI	FR1 n77_IC_Ant 6 TXI
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TXI	0.252	0.090	0.234	1.103	1.053	1.089	1.108
GSM1900_Ant 1 TXI	0.311	0.090	0.234	1.162	1.112	1.148	1.167
WCDMA II_Ant 1 TXI	0.819	0.090	0.234	1.670	1.620	1.656	1.675
WCDMA IV_Ant 1 TXI	0.343	0.090	0.234	1.194	1.144	1.180	1.199
WCDMA V_Ant 1 TXI	0.143	0.090	0.234	0.994	0.944	0.980	0.999
LTE Band 7_Ant 1 TXI	0.747	0.090	0.234	1.598	1.548	1.584	1.603
LTE Band 12_Ant 1 TXI	0.329	0.090	0.234	1.180	1.130	1.166	1.185
LTE Band 13_Ant 1 TXI	0.263	0.090	0.234	1.114	1.064	1.100	1.119
LTE Band 14_Ant 1 TXI	0.228	0.090	0.234	1.079	1.029	1.065	1.084
LTE Band 25_Ant 1 TXI	0.829	0.090	0.234	1.680	1.630	1.666	1.685
LTE Band 26_Ant 1 TXI	0.152	0.090	0.234	1.003	0.953	0.989	1.008
LTE Band 26_IC_Ant 1 TXI	0.170	0.090	0.234	1.021	0.971	1.007	1.026
LTE Band 30_Ant 1 TXI	0.204	0.090	0.234	1.055	1.005	1.041	1.060
LTE Band 41_Ant 1 TXI	0.478	0.090	0.234	1.329	1.279	1.315	1.334
LTE Band 48_Ant 1 TXI	0.662	0.090	0.234	1.513	1.463	1.499	1.518
LTE Band 66_Ant 1 TXI	0.297	0.090	0.234	1.148	1.098	1.134	1.153
FR1 n7_Ant 1 TXI	0.740	0.090	0.234	1.591	1.541	1.577	1.596
FR1 n12_Ant 1 TXI	0.282	0.090	0.234	1.133	1.083	1.119	1.138
FR1 n14_Ant 1 TXI	0.338	0.090	0.234	1.189	1.139	1.175	1.194
FR1 n25_Ant 1 TXI	0.448	0.090	0.234	1.299	1.249	1.285	1.304
FR1 n26_Ant 1 TXI	0.121	0.090	0.234	0.972	0.922	0.958	0.977
FR1 n26_IC_Ant 1 TXI	0.158	0.090	0.234	1.009	0.959	0.995	1.014
FR1 n30_Ant 1 TXI	0.223	0.090	0.234	1.074	1.024	1.060	1.079
FR1 n38_Ant 1 TXI	0.560	0.090	0.234	1.411	1.361	1.397	1.416
FR1 n41_Ant 1 TXI	0.633	0.090	0.234	1.484	1.434	1.470	1.489
FR1 n48_Ant 1 TXI	0.637	0.090	0.234	1.488	1.438	1.474	1.493
FR1 n66_Ant 1 TXI	0.546	0.090	0.234	1.397	1.347	1.383	1.402
FR1 n70_Ant 1 TXI	0.356	0.090	0.234	1.207	1.157	1.193	1.212
FR1 n71_Ant 1 TXI	0.329	0.090	0.234	1.180	1.130	1.166	1.185
FR1 n77_Ant 1 TXI	0.523	0.090	0.234	1.374	1.324	1.360	1.379
FR1 n77_IC_Ant 1 TXI	0.322	0.090	0.234	1.173	1.123	1.159	1.178

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.532	-29.0	57.0	-207.0	108.0	1.36	0.01	Not required
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	46.5	0.62	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	58.0	0.92	0.02	Not required
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	65.8	0.77	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	38.7	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0	19.3	0.32	0.01	Not required
WLAN5G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				



<Case 295>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TX1	0.252	0.234	0.001	1.014	0.964	1.000	1.019
GSM1900_Ant 1 TX1	0.311	0.234	0.001	1.073	1.023	1.059	1.078
WCDMA II_Ant 1 TX1	0.819	0.234	0.001	1.581	1.531	1.567	1.586
WCDMA IV_Ant 1 TX1	0.343	0.234	0.001	1.105	1.055	1.091	1.110
WCDMA V_Ant 1 TX1	0.143	0.234	0.001	0.905	0.855	0.891	0.910
LTE Band 7_Ant 1 TX1	0.747	0.234	0.001	1.509	1.459	1.495	1.514
LTE Band 12_Ant 1 TX1	0.329	0.234	0.001	1.091	1.041	1.077	1.096
LTE Band 13_Ant 1 TX1	0.263	0.234	0.001	1.025	0.975	1.011	1.030
LTE Band 14_Ant 1 TX1	0.228	0.234	0.001	0.990	0.940	0.976	0.995
LTE Band 25_Ant 1 TX1	0.829	0.234	0.001	1.591	1.541	1.577	1.596
LTE Band 26_Ant 1 TX1	0.152	0.234	0.001	0.914	0.864	0.900	0.919
LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.001	0.932	0.882	0.918	0.937
LTE Band 30_Ant 1 TX1	0.204	0.234	0.001	0.966	0.916	0.952	0.971
LTE Band 41_Ant 1 TX1	0.478	0.234	0.001	1.240	1.190	1.226	1.245
LTE Band 48_Ant 1 TX1	0.662	0.234	0.001	1.424	1.374	1.410	1.429
LTE Band 66_Ant 1 TX1	0.297	0.234	0.001	1.059	1.009	1.045	1.064
FR1 n7_Ant 1 TX1	0.740	0.234	0.001	1.502	1.452	1.488	1.507
FR1 n12_Ant 1 TX1	0.282	0.234	0.001	1.044	0.994	1.030	1.049
FR1 n14_Ant 1 TX1	0.338	0.234	0.001	1.100	1.050	1.086	1.105
FR1 n25_Ant 1 TX1	0.448	0.234	0.001	1.210	1.160	1.196	1.215
FR1 n26_Ant 1 TX1	0.121	0.234	0.001	0.883	0.833	0.869	0.888
FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.001	0.920	0.870	0.906	0.925
FR1 n30_Ant 1 TX1	0.223	0.234	0.001	0.985	0.935	0.971	0.990
FR1 n38_Ant 1 TX1	0.560	0.234	0.001	1.322	1.272	1.308	1.327
FR1 n41_Ant 1 TX1	0.633	0.234	0.001	1.395	1.345	1.381	1.400
FR1 n48_Ant 1 TX1	0.637	0.234	0.001	1.399	1.349	1.385	1.404
FR1 n66_Ant 1 TX1	0.546	0.234	0.001	1.308	1.258	1.294	1.313
FR1 n70_Ant 1 TX1	0.356	0.234	0.001	1.118	1.068	1.104	1.123
FR1 n71_Ant 1 TX1	0.329	0.234	0.001	1.091	1.041	1.077	1.096
FR1 n77_Ant 1 TX1	0.523	0.234	0.001	1.285	1.235	1.271	1.290
FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.001	1.084	1.034	1.070	1.089

SAR peak location (mm)			X (axis)	-31.9	-17	-30	-30.5	-29		
			Y (axis)	-12.3	69	54	53.5	57		
			Z (axis)	-207	-207	-207	-207	-207		
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
			Right Edge	1g SAR (W/kg)			0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results
-24.4	17.7	-207	GSM850_Ant 1 TX1	0.252	0.234	0.001				
-40.1	-52.7	-207	GSM1900_Ant 1 TX1	0.311	0.234	0.001				
-30.4	-57.1	-207	WCDMA II_Ant 1 TX1	0.819	0.234	0.001				
-24.4	-55.7	-207	WCDMA IV_Ant 1 TX1	0.343	0.234	0.001				
-24.4	-39	-207	WCDMA V_Ant 1 TX1	0.143	0.234	0.001				
-30	-51.5	-207	LTE Band 7_Ant 1 TX1	0.747	0.234	0.001				
-25.6	-37.2	-207	LTE Band 12_Ant 1 TX1	0.329	0.234	0.001				
-24.4	-37	-207	LTE Band 13_Ant 1 TX1	0.263	0.234	0.001				
-24.4	-36.7	-207	LTE Band 14_Ant 1 TX1	0.228	0.234	0.001				
-32.3	-60.1	-207	LTE Band 25_Ant 1 TX1	0.829	0.234	0.001				0.03
-24.4	-40	-207	LTE Band 26_Ant 1 TX1	0.152	0.234	0.001				
-24.4	-39.3	-207	LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.001				
-25.5	-3.5	-207	LTE Band 30_Ant 1 TX1	0.204	0.234	0.001				
-27.5	-48.5	-207	LTE Band 41_Ant 1 TX1	0.478	0.234	0.001				
-27	-49	-207	LTE Band 48_Ant 1 TX1	0.662	0.234	0.001				
-23	-55.8	-207	LTE Band 66_Ant 1 TX1	0.297	0.234	0.001				
-31	-51	-207	FR1 n7_Ant 1 TX1	0.740	0.234	0.001				
-25.4	-39	-207	FR1 n12_Ant 1 TX1	0.282	0.234	0.001				
-23.4	-8.4	-207	FR1 n14_Ant 1 TX1	0.338	0.234	0.001				
-31.6	-51.8	-207	FR1 n25_Ant 1 TX1	0.448	0.234	0.001				
-26.4	13.2	-207	FR1 n26_Ant 1 TX1	0.121	0.234	0.001				
-26.4	13.2	-207	FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.001				
-26.5	-2	-207	FR1 n30_Ant 1 TX1	0.223	0.234	0.001				
-28	-46.5	-207	FR1 n38_Ant 1 TX1	0.560	0.234	0.001				
-28.5	-49.5	-207	FR1 n41_Ant 1 TX1	0.633	0.234	0.001				
-32	-49	-207	FR1 n48_Ant 1 TX1	0.637	0.234	0.001				
-23.4	-56.6	-207	FR1 n66_Ant 1 TX1	0.546	0.234	0.001				
-23.2	-58	-207	FR1 n70_Ant 1 TX1	0.356	0.234	0.001				
-28.6	-40.3	-207	FR1 n71_Ant 1 TX1	0.329	0.234	0.001				
-29	-50	-207	FR1 n77_Ant 1 TX1	0.523	0.234	0.001				
-33	-52	-207	FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.001				



<Case 296>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/GHz_Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TX1	0.252	0.234	0.175	1.188	1.138	1.174	1.193
GSM1900_Ant 1 TX1	0.311	0.234	0.175	1.247	1.197	1.233	1.252
WCDMA II_Ant 1 TX1	0.819	0.234	0.175	1.755	1.705	1.741	1.760
WCDMA IV_Ant 1 TX1	0.343	0.234	0.175	1.279	1.229	1.265	1.284
WCDMA V_Ant 1 TX1	0.143	0.234	0.175	1.079	1.029	1.065	1.084
LTE Band 7_Ant 1 TX1	0.747	0.234	0.175	1.683	1.633	1.669	1.688
LTE Band 12_Ant 1 TX1	0.329	0.234	0.175	1.265	1.215	1.251	1.270
LTE Band 13_Ant 1 TX1	0.263	0.234	0.175	1.199	1.149	1.185	1.204
LTE Band 14_Ant 1 TX1	0.228	0.234	0.175	1.164	1.114	1.150	1.169
LTE Band 25_Ant 1 TX1	0.829	0.234	0.175	1.765	1.715	1.751	1.770
LTE Band 26_Ant 1 TX1	0.152	0.234	0.175	1.088	1.038	1.074	1.093
LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.175	1.106	1.056	1.092	1.111
LTE Band 30_Ant 1 TX1	0.204	0.234	0.175	1.140	1.090	1.126	1.145
LTE Band 41_Ant 1 TX1	0.478	0.234	0.175	1.414	1.364	1.400	1.419
LTE Band 48_Ant 1 TX1	0.662	0.234	0.175	1.598	1.548	1.584	1.603
LTE Band 66_Ant 1 TX1	0.297	0.234	0.175	1.233	1.183	1.219	1.238
FR1 n7_Ant 1 TX1	0.740	0.234	0.175	1.676	1.626	1.662	1.681
FR1 n12_Ant 1 TX1	0.282	0.234	0.175	1.218	1.168	1.204	1.223
FR1 n14_Ant 1 TX1	0.338	0.234	0.175	1.274	1.224	1.260	1.279
FR1 n25_Ant 1 TX1	0.448	0.234	0.175	1.384	1.334	1.370	1.389
FR1 n26_Ant 1 TX1	0.121	0.234	0.175	1.057	1.007	1.043	1.062
FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.175	1.094	1.044	1.080	1.099
FR1 n30_Ant 1 TX1	0.223	0.234	0.175	1.159	1.109	1.145	1.164
FR1 n38_Ant 1 TX1	0.560	0.234	0.175	1.496	1.446	1.482	1.501
FR1 n41_Ant 1 TX1	0.633	0.234	0.175	1.569	1.519	1.555	1.574
FR1 n48_Ant 1 TX1	0.637	0.234	0.175	1.573	1.523	1.559	1.578
FR1 n68_Ant 1 TX1	0.546	0.234	0.175	1.482	1.432	1.468	1.487
FR1 n70_Ant 1 TX1	0.356	0.234	0.175	1.292	1.242	1.278	1.297
FR1 n71_Ant 1 TX1	0.329	0.234	0.175	1.265	1.215	1.251	1.270
FR1 n77_Ant 1 TX1	0.523	0.234	0.175	1.459	1.409	1.445	1.464
FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.175	1.258	1.208	1.244	1.263

SAR peak location (mm)			X (axis)	-31.9	-30	-17	-30	-30.5	-29		
			Y (axis)	-12.3	-23	89	54	53.5	57		
			Z (axis)	-207	-207	-207	-207	-207	-207		
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12		
			Right Edge	WWAN SAR	WLAN5/GHz_Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0	
				1g SAR (W/kg)				0.527	0.477	0.513	0.532
								0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results
-24.4	17.7	-207	GSM850_Ant 1 TX1	0.252	0.234	0.175					
-40.1	-52.7	-207	GSM1900_Ant 1 TX1	0.311	0.234	0.175					
-30.4	-57.1	-207	WCDMA II_Ant 1 TX1	0.819	0.234	0.175	0.03	0.03	0.03	0.03	
-24.4	-55.7	-207	WCDMA IV_Ant 1 TX1	0.343	0.234	0.175					
-24.4	-39	-207	WCDMA V_Ant 1 TX1	0.143	0.234	0.175					
-30	-51.5	-207	LTE Band 7_Ant 1 TX1	0.747	0.234	0.175	0.03	0.03	0.03	0.03	
-25.6	-37.2	-207	LTE Band 12_Ant 1 TX1	0.329	0.234	0.175					
-24.4	-37	-207	LTE Band 13_Ant 1 TX1	0.263	0.234	0.175					
-24.4	-36.7	-207	LTE Band 14_Ant 1 TX1	0.228	0.234	0.175					
-32.3	-40.1	-207	LTE Band 25_Ant 1 TX1	0.829	0.234	0.175	0.03	0.03	0.04	0.03	
-24.4	-40	-207	LTE Band 26_Ant 1 TX1	0.152	0.234	0.175					
-24.4	-39.3	-207	LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.175					
-25.5	-3.5	-207	LTE Band 30_Ant 1 TX1	0.204	0.234	0.175					
-27.5	-48.5	-207	LTE Band 41_Ant 1 TX1	0.478	0.234	0.175					
-27	-49	-207	LTE Band 48_Ant 1 TX1	0.662	0.234	0.175	0.02			0.03	
-23	-55.8	-207	LTE Band 66_Ant 1 TX1	0.297	0.234	0.175					
-31	-51	-207	FR1 n7_Ant 1 TX1	0.740	0.234	0.175	0.03	0.03	0.03	0.03	
-25.4	-39	-207	FR1 n12_Ant 1 TX1	0.282	0.234	0.175					
-23.4	-8.4	-207	FR1 n14_Ant 1 TX1	0.338	0.234	0.175					
-31.6	-61.8	-207	FR1 n25_Ant 1 TX1	0.448	0.234	0.175					
-26.4	13.2	-207	FR1 n26_Ant 1 TX1	0.121	0.234	0.175					
-26.4	13.2	-207	FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.175					
-26.5	-2	-207	FR1 n30_Ant 1 TX1	0.223	0.234	0.175					
-28	-48.5	-207	FR1 n38_Ant 1 TX1	0.560	0.234	0.175					
-26.5	-49.5	-207	FR1 n41_Ant 1 TX1	0.633	0.234	0.175					
-32	-49	-207	FR1 n48_Ant 1 TX1	0.637	0.234	0.175					
-23.4	-56.6	-207	FR1 n68_Ant 1 TX1	0.546	0.234	0.175					
-23.2	-58	-207	FR1 n70_Ant 1 TX1	0.356	0.234	0.175					
-28.6	-40.3	-207	FR1 n71_Ant 1 TX1	0.329	0.234	0.175					
-29	-50	-207	FR1 n77_Ant 1 TX1	0.523	0.234	0.175					
-30	-52	-207	FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.175					



<Case 297>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TXi	0.252	0.234	0.136	1.149	1.099	1.135	1.154
GSM1900_Ant 1 TXi	0.311	0.234	0.136	1.208	1.158	1.194	1.213
WCDMA II_Ant 1 TXi	0.819	0.234	0.136	1.716	1.666	1.702	1.721
WCDMA IV_Ant 1 TXi	0.343	0.234	0.136	1.240	1.190	1.226	1.245
WCDMA V_Ant 1 TXi	0.143	0.234	0.136	1.040	0.990	1.026	1.045
LTE Band 7_Ant 1 TXi	0.747	0.234	0.136	1.644	1.594	1.630	1.649
LTE Band 12_Ant 1 TXi	0.329	0.234	0.136	1.226	1.176	1.212	1.231
LTE Band 13_Ant 1 TXi	0.263	0.234	0.136	1.160	1.110	1.146	1.165
LTE Band 14_Ant 1 TXi	0.228	0.234	0.136	1.125	1.075	1.111	1.130
LTE Band 25_Ant 1 TXi	0.829	0.234	0.136	1.726	1.676	1.712	1.731
LTE Band 26_Ant 1 TXi	0.152	0.234	0.136	1.049	0.999	1.035	1.054
LTE Band 26_IC_Ant 1 TXi	0.170	0.234	0.136	1.067	1.017	1.053	1.072
LTE Band 30_Ant 1 TXi	0.204	0.234	0.136	1.101	1.051	1.087	1.106
LTE Band 41_Ant 1 TXi	0.478	0.234	0.136	1.375	1.325	1.361	1.380
LTE Band 48_Ant 1 TXi	0.662	0.234	0.136	1.559	1.509	1.545	1.564
LTE Band 66_Ant 1 TXi	0.297	0.234	0.136	1.194	1.144	1.180	1.199
FR1 n7_Ant 1 TXi	0.740	0.234	0.136	1.637	1.587	1.623	1.642
FR1 n12_Ant 1 TXi	0.282	0.234	0.136	1.179	1.129	1.165	1.184
FR1 n14_Ant 1 TXi	0.338	0.234	0.136	1.235	1.185	1.221	1.240
FR1 n25_Ant 1 TXi	0.448	0.234	0.136	1.345	1.295	1.331	1.350
FR1 n26_Ant 1 TXi	0.121	0.234	0.136	1.018	0.968	1.004	1.023
FR1 n26_IC_Ant 1 TXi	0.158	0.234	0.136	1.055	1.005	1.041	1.060
FR1 n30_Ant 1 TXi	0.223	0.234	0.136	1.120	1.070	1.106	1.125
FR1 n38_Ant 1 TXi	0.560	0.234	0.136	1.457	1.407	1.443	1.462
FR1 n41_Ant 1 TXi	0.633	0.234	0.136	1.530	1.480	1.516	1.535
FR1 n48_Ant 1 TXi	0.637	0.234	0.136	1.534	1.484	1.520	1.539
FR1 n66_Ant 1 TXi	0.546	0.234	0.136	1.443	1.393	1.429	1.448
FR1 n70_Ant 1 TXi	0.356	0.234	0.136	1.253	1.203	1.239	1.258
FR1 n71_Ant 1 TXi	0.329	0.234	0.136	1.226	1.176	1.212	1.231
FR1 n77_Ant 1 TXi	0.523	0.234	0.136	1.420	1.370	1.406	1.425
FR1 n77_IC_Ant 1 TXi	0.322	0.234	0.136	1.219	1.169	1.205	1.224

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	104.5	1.36	0.02	Not required
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	47.5	0.67	0.01	Not required
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	57.1	0.97	0.02	Not required
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	65.8	0.77	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	38.7	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0	18.6	0.37	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				



<Case 298>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TX1	0.252	0.001	0.234	1.014	0.964	1.000	1.019
GSM1900_Ant 1 TX1	0.311	0.001	0.234	1.073	1.023	1.059	1.078
WCDMA II_Ant 1 TX1	0.819	0.001	0.234	1.581	1.531	1.567	1.586
WCDMA IV_Ant 1 TX1	0.343	0.001	0.234	1.105	1.055	1.091	1.110
WCDMA V_Ant 1 TX1	0.143	0.001	0.234	0.905	0.855	0.891	0.910
LTE Band 7_Ant 1 TX1	0.747	0.001	0.234	1.509	1.459	1.495	1.514
LTE Band 12_Ant 1 TX1	0.329	0.001	0.234	1.091	1.041	1.077	1.096
LTE Band 13_Ant 1 TX1	0.263	0.001	0.234	1.025	0.975	1.011	1.030
LTE Band 14_Ant 1 TX1	0.228	0.001	0.234	0.990	0.940	0.976	0.995
LTE Band 25_Ant 1 TX1	0.829	0.001	0.234	1.591	1.541	1.577	1.596
LTE Band 26_Ant 1 TX1	0.152	0.001	0.234	0.914	0.864	0.900	0.919
LTE Band 26_IC_Ant 1 TX1	0.170	0.001	0.234	0.932	0.882	0.918	0.937
LTE Band 30_Ant 1 TX1	0.204	0.001	0.234	0.966	0.916	0.952	0.971
LTE Band 41_Ant 1 TX1	0.478	0.001	0.234	1.240	1.190	1.226	1.245
LTE Band 48_Ant 1 TX1	0.662	0.001	0.234	1.424	1.374	1.410	1.429
LTE Band 66_Ant 1 TX1	0.297	0.001	0.234	1.059	1.009	1.045	1.064
FR1 n7_Ant 1 TX1	0.740	0.001	0.234	1.502	1.452	1.488	1.507
FR1 n12_Ant 1 TX1	0.282	0.001	0.234	1.044	0.994	1.030	1.049
FR1 n14_Ant 1 TX1	0.338	0.001	0.234	1.100	1.050	1.086	1.105
FR1 n25_Ant 1 TX1	0.448	0.001	0.234	1.210	1.160	1.196	1.215
FR1 n26_Ant 1 TX1	0.121	0.001	0.234	0.883	0.833	0.869	0.888
FR1 n26_IC_Ant 1 TX1	0.158	0.001	0.234	0.920	0.870	0.906	0.925
FR1 n30_Ant 1 TX1	0.223	0.001	0.234	0.985	0.935	0.971	0.990
FR1 n38_Ant 1 TX1	0.560	0.001	0.234	1.322	1.272	1.308	1.327
FR1 n41_Ant 1 TX1	0.633	0.001	0.234	1.395	1.345	1.381	1.400
FR1 n48_Ant 1 TX1	0.637	0.001	0.234	1.399	1.349	1.385	1.404
FR1 n66_Ant 1 TX1	0.546	0.001	0.234	1.308	1.258	1.294	1.313
FR1 n70_Ant 1 TX1	0.356	0.001	0.234	1.118	1.068	1.104	1.123
FR1 n71_Ant 1 TX1	0.329	0.001	0.234	1.091	1.041	1.077	1.096
FR1 n77_Ant 1 TX1	0.523	0.001	0.234	1.285	1.235	1.271	1.290
FR1 n77_IC_Ant 1 TX1	0.322	0.001	0.234	1.084	1.034	1.070	1.089

SAR peak location (mm)			X (axis)	0	1	2	9	10	11	12								
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0								
			Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532								
						0+1+2+9 SPLSR Results			0+1+2+10 SPLSR Results			0+1+2+11 SPLSR Results			0+1+2+12 SPLSR Results			
-24.4	17.7	-207	GSM850_Ant 1 TX1	0.252	0.001	0.234												
-40.1	-52.7	-207	GSM1900_Ant 1 TX1	0.311	0.001	0.234												
-30.4	-57.1	-207	WCDMA II_Ant 1 TX1	0.819	0.001	0.234												
-24.4	-55.7	-207	WCDMA IV_Ant 1 TX1	0.343	0.001	0.234												
-24.4	-39	-207	WCDMA V_Ant 1 TX1	0.143	0.001	0.234												
-30	-51.5	-207	LTE Band 7_Ant 1 TX1	0.747	0.001	0.234												
-25.6	-37.2	-207	LTE Band 12_Ant 1 TX1	0.329	0.001	0.234												
-24.4	-37	-207	LTE Band 13_Ant 1 TX1	0.263	0.001	0.234												
-24.4	-36.7	-207	LTE Band 14_Ant 1 TX1	0.228	0.001	0.234												
-32.3	-60.1	-207	LTE Band 25_Ant 1 TX1	0.829	0.001	0.234												0.03
-24.4	-40	-207	LTE Band 26_Ant 1 TX1	0.152	0.001	0.234												
-24.4	-39.3	-207	LTE Band 26_IC_Ant 1 TX1	0.170	0.001	0.234												
-25.5	-3.5	-207	LTE Band 30_Ant 1 TX1	0.204	0.001	0.234												
-27.5	-48.5	-207	LTE Band 41_Ant 1 TX1	0.478	0.001	0.234												
-27	-49	-207	LTE Band 48_Ant 1 TX1	0.662	0.001	0.234												
-23	-55.8	-207	LTE Band 66_Ant 1 TX1	0.297	0.001	0.234												
-31	-51	-207	FR1 n7_Ant 1 TX1	0.740	0.001	0.234												
-25.4	-39	-207	FR1 n12_Ant 1 TX1	0.282	0.001	0.234												
-23.4	-8.4	-207	FR1 n14_Ant 1 TX1	0.338	0.001	0.234												
-31.6	-61.8	-207	FR1 n25_Ant 1 TX1	0.448	0.001	0.234												
-26.4	13.2	-207	FR1 n26_Ant 1 TX1	0.121	0.001	0.234												
-26.4	13.2	-207	FR1 n26_IC_Ant 1 TX1	0.158	0.001	0.234												
-26.5	-2	-207	FR1 n30_Ant 1 TX1	0.223	0.001	0.234												
-28	-48.5	-207	FR1 n38_Ant 1 TX1	0.560	0.001	0.234												
-28.5	-49.5	-207	FR1 n41_Ant 1 TX1	0.633	0.001	0.234												
-32	-49	-207	FR1 n48_Ant 1 TX1	0.637	0.001	0.234												
-23.4	-56.6	-207	FR1 n66_Ant 1 TX1	0.546	0.001	0.234												
-23.2	-58	-207	FR1 n70_Ant 1 TX1	0.356	0.001	0.234												
-26.6	-40.3	-207	FR1 n71_Ant 1 TX1	0.329	0.001	0.234												
-29	-50	-207	FR1 n77_Ant 1 TX1	0.523	0.001	0.234												
-33	-52	-207	FR1 n77_IC_Ant 1 TX1	0.322	0.001	0.234												



<Case 299>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TXi	0.252	0.045	0.234	1.058	1.008	1.044	1.063
GSM1900_Ant 1 TXi	0.311	0.045	0.234	1.117	1.067	1.103	1.122
WCDMA II_Ant 1 TXi	0.819	0.045	0.234	1.625	1.575	1.611	1.630
WCDMA IV_Ant 1 TXi	0.343	0.045	0.234	1.149	1.099	1.135	1.154
WCDMA V_Ant 1 TXi	0.143	0.045	0.234	0.949	0.899	0.935	0.954
LTE Band 7_Ant 1 TXi	0.747	0.045	0.234	1.553	1.503	1.539	1.558
LTE Band 12_Ant 1 TXi	0.329	0.045	0.234	1.135	1.085	1.121	1.140
LTE Band 13_Ant 1 TXi	0.263	0.045	0.234	1.069	1.019	1.055	1.074
LTE Band 14_Ant 1 TXi	0.228	0.045	0.234	1.034	0.984	1.020	1.039
LTE Band 25_Ant 1 TXi	0.829	0.045	0.234	1.635	1.585	1.621	1.640
LTE Band 26_Ant 1 TXi	0.152	0.045	0.234	0.958	0.908	0.944	0.963
LTE Band 26_IC_Ant 1 TXi	0.170	0.045	0.234	0.976	0.926	0.962	0.981
LTE Band 30_Ant 1 TXi	0.204	0.045	0.234	1.010	0.960	0.996	1.015
LTE Band 41_Ant 1 TXi	0.478	0.045	0.234	1.284	1.234	1.270	1.289
LTE Band 48_Ant 1 TXi	0.662	0.045	0.234	1.468	1.418	1.454	1.473
LTE Band 66_Ant 1 TXi	0.297	0.045	0.234	1.103	1.053	1.089	1.108
FR1 n7_Ant 1 TXi	0.740	0.045	0.234	1.546	1.496	1.532	1.551
FR1 n12_Ant 1 TXi	0.282	0.045	0.234	1.088	1.038	1.074	1.093
FR1 n14_Ant 1 TXi	0.338	0.045	0.234	1.144	1.094	1.130	1.149
FR1 n25_Ant 1 TXi	0.448	0.045	0.234	1.254	1.204	1.240	1.259
FR1 n26_Ant 1 TXi	0.121	0.045	0.234	0.927	0.877	0.913	0.932
FR1 n26_IC_Ant 1 TXi	0.158	0.045	0.234	0.964	0.914	0.950	0.969
FR1 n30_Ant 1 TXi	0.223	0.045	0.234	1.029	0.979	1.015	1.034
FR1 n38_Ant 1 TXi	0.560	0.045	0.234	1.366	1.316	1.352	1.371
FR1 n41_Ant 1 TXi	0.633	0.045	0.234	1.439	1.389	1.425	1.444
FR1 n48_Ant 1 TXi	0.637	0.045	0.234	1.443	1.393	1.429	1.448
FR1 n66_Ant 1 TXi	0.546	0.045	0.234	1.352	1.302	1.338	1.357
FR1 n70_Ant 1 TXi	0.356	0.045	0.234	1.162	1.112	1.148	1.167
FR1 n71_Ant 1 TXi	0.329	0.045	0.234	1.135	1.085	1.121	1.140
FR1 n77_Ant 1 TXi	0.523	0.045	0.234	1.329	1.279	1.315	1.334
FR1 n77_IC_Ant 1 TXi	0.322	0.045	0.234	1.128	1.078	1.114	1.133

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	110.6	1.36	0.01	Not required
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	44.6	0.58	0.01	Not required
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0				
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0	66.2	0.87	0.01	Not required
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	65.8	0.77	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 1	0.829	-30.4	-57.1	-207.0	44.8	1.06	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
WLAN2.4G Ant 3	0.045	-27.0	9.0	-207.0	21.9	0.28	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				



<Case 300>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TXI	FR1 n48_Ant 6 TXI	FR1 n77_Ant 6 TXI	FR1 n77_IC_Ant 6 TXI
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM850_Ant 1 TXI	0.252	0.090	0.234	1.103	1.053	1.089	1.108
GSM1900_Ant 1 TXI	0.311	0.090	0.234	1.162	1.112	1.148	1.167
WCDMA II_Ant 1 TXI	0.819	0.090	0.234	1.670	1.620	1.656	1.675
WCDMA IV_Ant 1 TXI	0.343	0.090	0.234	1.194	1.144	1.180	1.199
WCDMA V_Ant 1 TXI	0.143	0.090	0.234	0.994	0.944	0.980	0.999
LTE Band 7_Ant 1 TXI	0.747	0.090	0.234	1.598	1.548	1.584	1.603
LTE Band 12_Ant 1 TXI	0.329	0.090	0.234	1.180	1.130	1.166	1.185
LTE Band 13_Ant 1 TXI	0.263	0.090	0.234	1.114	1.064	1.100	1.119
LTE Band 14_Ant 1 TXI	0.228	0.090	0.234	1.079	1.029	1.065	1.084
LTE Band 25_Ant 1 TXI	0.829	0.090	0.234	1.680	1.630	1.666	1.685
LTE Band 26_Ant 1 TXI	0.152	0.090	0.234	1.003	0.953	0.989	1.008
LTE Band 26_IC_Ant 1 TXI	0.170	0.090	0.234	1.021	0.971	1.007	1.026
LTE Band 30_Ant 1 TXI	0.204	0.090	0.234	1.055	1.005	1.041	1.060
LTE Band 41_Ant 1 TXI	0.478	0.090	0.234	1.329	1.279	1.315	1.334
LTE Band 48_Ant 1 TXI	0.662	0.090	0.234	1.513	1.463	1.499	1.518
LTE Band 66_Ant 1 TXI	0.297	0.090	0.234	1.148	1.098	1.134	1.153
FR1 n7_Ant 1 TXI	0.740	0.090	0.234	1.591	1.541	1.577	1.596
FR1 n12_Ant 1 TXI	0.282	0.090	0.234	1.133	1.083	1.119	1.138
FR1 n14_Ant 1 TXI	0.338	0.090	0.234	1.189	1.139	1.175	1.194
FR1 n25_Ant 1 TXI	0.448	0.090	0.234	1.299	1.249	1.285	1.304
FR1 n26_Ant 1 TXI	0.121	0.090	0.234	0.972	0.922	0.958	0.977
FR1 n26_IC_Ant 1 TXI	0.158	0.090	0.234	1.009	0.959	0.995	1.014
FR1 n30_Ant 1 TXI	0.223	0.090	0.234	1.074	1.024	1.060	1.079
FR1 n38_Ant 1 TXI	0.560	0.090	0.234	1.411	1.361	1.397	1.416
FR1 n41_Ant 1 TXI	0.633	0.090	0.234	1.484	1.434	1.470	1.489
FR1 n48_Ant 1 TXI	0.637	0.090	0.234	1.488	1.438	1.474	1.493
FR1 n66_Ant 1 TXI	0.546	0.090	0.234	1.397	1.347	1.383	1.402
FR1 n70_Ant 1 TXI	0.356	0.090	0.234	1.207	1.157	1.193	1.212
FR1 n71_Ant 1 TXI	0.329	0.090	0.234	1.180	1.130	1.166	1.185
FR1 n77_Ant 1 TXI	0.523	0.090	0.234	1.374	1.324	1.360	1.379
FR1 n77_IC_Ant 1 TXI	0.322	0.090	0.234	1.173	1.123	1.159	1.178

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.532	-29.0	57.0	-207.0	108.0	1.36	0.01	Not required
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	46.5	0.62	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	58.0	0.92	0.02	Not required
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	65.8	0.77	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	38.7	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
WLAN2.4G Ant 4+3(3)	0.090	-31.0	7.0	-207.0	19.3	0.32	0.01	Not required
WLAN5G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				



<Case 301>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz_Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TX1	0.252	0.234	0.001	1.014	0.964	1.000	1.019
GSM1900_Ant 1 TX1	0.311	0.234	0.001	1.073	1.023	1.059	1.078
WCDMA II_Ant 1 TX1	0.819	0.234	0.001	1.581	1.531	1.567	1.586
WCDMA IV_Ant 1 TX1	0.343	0.234	0.001	1.105	1.055	1.091	1.110
WCDMA V_Ant 1 TX1	0.143	0.234	0.001	0.905	0.855	0.891	0.910
LTE Band 7_Ant 1 TX1	0.747	0.234	0.001	1.509	1.459	1.495	1.514
LTE Band 12_Ant 1 TX1	0.329	0.234	0.001	1.091	1.041	1.077	1.096
LTE Band 13_Ant 1 TX1	0.263	0.234	0.001	1.025	0.975	1.011	1.030
LTE Band 14_Ant 1 TX1	0.228	0.234	0.001	0.990	0.940	0.976	0.995
LTE Band 25_Ant 1 TX1	0.829	0.234	0.001	1.591	1.541	1.577	1.596
LTE Band 26_Ant 1 TX1	0.152	0.234	0.001	0.914	0.864	0.900	0.919
LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.001	0.932	0.882	0.918	0.937
LTE Band 30_Ant 1 TX1	0.204	0.234	0.001	0.966	0.916	0.952	0.971
LTE Band 41_Ant 1 TX1	0.478	0.234	0.001	1.240	1.190	1.226	1.245
LTE Band 48_Ant 1 TX1	0.662	0.234	0.001	1.424	1.374	1.410	1.429
LTE Band 66_Ant 1 TX1	0.297	0.234	0.001	1.059	1.009	1.045	1.064
FR1 n7_Ant 1 TX1	0.740	0.234	0.001	1.502	1.452	1.488	1.507
FR1 n12_Ant 1 TX1	0.282	0.234	0.001	1.044	0.994	1.030	1.049
FR1 n14_Ant 1 TX1	0.338	0.234	0.001	1.100	1.050	1.086	1.105
FR1 n25_Ant 1 TX1	0.448	0.234	0.001	1.210	1.160	1.196	1.215
FR1 n26_Ant 1 TX1	0.121	0.234	0.001	0.883	0.833	0.869	0.888
FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.001	0.920	0.870	0.906	0.925
FR1 n30_Ant 1 TX1	0.223	0.234	0.001	0.985	0.935	0.971	0.990
FR1 n38_Ant 1 TX1	0.560	0.234	0.001	1.322	1.272	1.308	1.327
FR1 n41_Ant 1 TX1	0.633	0.234	0.001	1.395	1.345	1.381	1.400
FR1 n48_Ant 1 TX1	0.637	0.234	0.001	1.399	1.349	1.385	1.404
FR1 n68_Ant 1 TX1	0.546	0.234	0.001	1.308	1.258	1.294	1.313
FR1 n70_Ant 1 TX1	0.356	0.234	0.001	1.118	1.068	1.104	1.123
FR1 n71_Ant 1 TX1	0.329	0.234	0.001	1.091	1.041	1.077	1.096
FR1 n77_Ant 1 TX1	0.523	0.234	0.001	1.285	1.235	1.271	1.290
FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.001	1.084	1.034	1.070	1.089

SAR peak location (mm)			X (axis)	-31.9	-17	-30	-30.5	-29	
			Y (axis)	-12.3	89	54	53.5	57	
			Z (axis)	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12
			WWAN SAR	WLAN5/6GHz_Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge			1g SAR (W/kg)			0.527	0.477	0.513	0.532
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results
-24.4	17.7	-207	GSM850_Ant 1 TX1	0.252	0.234	0.001			
-40.1	-52.7	-207	GSM1900_Ant 1 TX1	0.311	0.234	0.001			
-30.4	-57.1	-207	WCDMA II_Ant 1 TX1	0.819	0.234	0.001			
-24.4	-55.7	-207	WCDMA IV_Ant 1 TX1	0.343	0.234	0.001			
-24.4	-39	-207	WCDMA V_Ant 1 TX1	0.143	0.234	0.001			
-30	-51.5	-207	LTE Band 7_Ant 1 TX1	0.747	0.234	0.001			
-25.6	-37.2	-207	LTE Band 12_Ant 1 TX1	0.329	0.234	0.001			
-24.4	-37	-207	LTE Band 13_Ant 1 TX1	0.263	0.234	0.001			
-24.4	-36.7	-207	LTE Band 14_Ant 1 TX1	0.228	0.234	0.001			
-32.3	-40.1	-207	LTE Band 25_Ant 1 TX1	0.829	0.234	0.001			0.03
-24.4	-40	-207	LTE Band 26_Ant 1 TX1	0.152	0.234	0.001			
-24.4	-39.3	-207	LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.001			
-25.5	-3.5	-207	LTE Band 30_Ant 1 TX1	0.204	0.234	0.001			
-27.5	-48.5	-207	LTE Band 41_Ant 1 TX1	0.478	0.234	0.001			
-27	-49	-207	LTE Band 48_Ant 1 TX1	0.662	0.234	0.001			
-23	-55.8	-207	LTE Band 66_Ant 1 TX1	0.297	0.234	0.001			
-31	-51	-207	FR1 n7_Ant 1 TX1	0.740	0.234	0.001			
-25.4	-39	-207	FR1 n12_Ant 1 TX1	0.282	0.234	0.001			
-23.4	-8.4	-207	FR1 n14_Ant 1 TX1	0.338	0.234	0.001			
-31.6	-61.8	-207	FR1 n25_Ant 1 TX1	0.448	0.234	0.001			
-26.4	13.2	-207	FR1 n26_Ant 1 TX1	0.121	0.234	0.001			
-26.4	13.2	-207	FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.001			
-26.5	-2	-207	FR1 n30_Ant 1 TX1	0.223	0.234	0.001			
-28	-48.5	-207	FR1 n38_Ant 1 TX1	0.560	0.234	0.001			
-26.5	-49.5	-207	FR1 n41_Ant 1 TX1	0.633	0.234	0.001			
-32	-49	-207	FR1 n48_Ant 1 TX1	0.637	0.234	0.001			
-23.4	-56.6	-207	FR1 n68_Ant 1 TX1	0.546	0.234	0.001			
-23.2	-58	-207	FR1 n70_Ant 1 TX1	0.356	0.234	0.001			
-28.6	-40.3	-207	FR1 n71_Ant 1 TX1	0.329	0.234	0.001			
-29	-50	-207	FR1 n77_Ant 1 TX1	0.523	0.234	0.001			
-30	-52	-207	FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.001			



<Case 302>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz_Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TX1	0.252	0.234	0.175	1.188	1.138	1.174	1.193
GSM1900_Ant 1 TX1	0.311	0.234	0.175	1.247	1.197	1.233	1.252
WCDMA II_Ant 1 TX1	0.819	0.234	0.175	1.755	1.705	1.741	1.760
WCDMA IV_Ant 1 TX1	0.343	0.234	0.175	1.279	1.229	1.265	1.284
WCDMA V_Ant 1 TX1	0.143	0.234	0.175	1.079	1.029	1.065	1.084
LTE Band 7_Ant 1 TX1	0.747	0.234	0.175	1.683	1.633	1.669	1.688
LTE Band 12_Ant 1 TX1	0.329	0.234	0.175	1.265	1.215	1.251	1.270
LTE Band 13_Ant 1 TX1	0.263	0.234	0.175	1.199	1.149	1.185	1.204
LTE Band 14_Ant 1 TX1	0.228	0.234	0.175	1.164	1.114	1.150	1.169
LTE Band 25_Ant 1 TX1	0.829	0.234	0.175	1.765	1.715	1.751	1.770
LTE Band 26_Ant 1 TX1	0.152	0.234	0.175	1.088	1.038	1.074	1.093
LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.175	1.106	1.056	1.092	1.111
LTE Band 30_Ant 1 TX1	0.204	0.234	0.175	1.140	1.090	1.126	1.145
LTE Band 41_Ant 1 TX1	0.478	0.234	0.175	1.414	1.364	1.400	1.419
LTE Band 48_Ant 1 TX1	0.662	0.234	0.175	1.598	1.548	1.584	1.603
LTE Band 66_Ant 1 TX1	0.297	0.234	0.175	1.233	1.183	1.219	1.238
FR1 n7_Ant 1 TX1	0.740	0.234	0.175	1.676	1.626	1.662	1.681
FR1 n12_Ant 1 TX1	0.282	0.234	0.175	1.218	1.168	1.204	1.223
FR1 n14_Ant 1 TX1	0.338	0.234	0.175	1.274	1.224	1.260	1.279
FR1 n25_Ant 1 TX1	0.448	0.234	0.175	1.384	1.334	1.370	1.389
FR1 n26_Ant 1 TX1	0.121	0.234	0.175	1.057	1.007	1.043	1.062
FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.175	1.094	1.044	1.080	1.099
FR1 n30_Ant 1 TX1	0.223	0.234	0.175	1.159	1.109	1.145	1.164
FR1 n38_Ant 1 TX1	0.560	0.234	0.175	1.496	1.446	1.482	1.501
FR1 n41_Ant 1 TX1	0.633	0.234	0.175	1.569	1.519	1.555	1.574
FR1 n48_Ant 1 TX1	0.637	0.234	0.175	1.573	1.523	1.559	1.578
FR1 n66_Ant 1 TX1	0.546	0.234	0.175	1.482	1.432	1.468	1.487
FR1 n70_Ant 1 TX1	0.356	0.234	0.175	1.292	1.242	1.278	1.297
FR1 n71_Ant 1 TX1	0.329	0.234	0.175	1.265	1.215	1.251	1.270
FR1 n77_Ant 1 TX1	0.523	0.234	0.175	1.459	1.409	1.445	1.464
FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.175	1.258	1.208	1.244	1.263

SAR peak location (mm)			X (axis)	-31.9	-30	-17	-30	-30.5	-29	
			Y (axis)	-12.3	-23	69	54	53.5	57	
			Z (axis)	-207	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12	
			WWAN SAR	WLAN5/6GHz_Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0	
			Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results
-24.4	17.7	-207	GSM850_Ant 1 TX1	0.252	0.234	0.175				
-40.1	-52.7	-207	GSM1900_Ant 1 TX1	0.311	0.234	0.175				
-30.4	-57.1	-207	WCDMA II_Ant 1 TX1	0.819	0.234	0.175	0.03	0.03	0.03	0.03
-24.4	-55.7	-207	WCDMA IV_Ant 1 TX1	0.343	0.234	0.175				
-24.4	-39	-207	WCDMA V_Ant 1 TX1	0.143	0.234	0.175				
-30	-51.5	-207	LTE Band 7_Ant 1 TX1	0.747	0.234	0.175	0.03	0.03	0.03	0.03
-25.6	-37.2	-207	LTE Band 12_Ant 1 TX1	0.329	0.234	0.175				
-24.4	-37	-207	LTE Band 13_Ant 1 TX1	0.263	0.234	0.175				
-24.4	-36.7	-207	LTE Band 14_Ant 1 TX1	0.228	0.234	0.175				
-32.3	-40.1	-207	LTE Band 25_Ant 1 TX1	0.829	0.234	0.175	0.03	0.03	0.04	0.03
-24.4	-40	-207	LTE Band 26_Ant 1 TX1	0.152	0.234	0.175				
-24.4	-39.3	-207	LTE Band 26_IC_Ant 1 TX1	0.170	0.234	0.175				
-25.5	-3.5	-207	LTE Band 30_Ant 1 TX1	0.204	0.234	0.175				
-27.5	-48.5	-207	LTE Band 41_Ant 1 TX1	0.478	0.234	0.175				
-27	-49	-207	LTE Band 48_Ant 1 TX1	0.662	0.234	0.175	0.02			0.03
-23	-55.8	-207	LTE Band 66_Ant 1 TX1	0.297	0.234	0.175				
-31	-51	-207	FR1 n7_Ant 1 TX1	0.740	0.234	0.175	0.03	0.03	0.03	0.03
-25.4	-39	-207	FR1 n12_Ant 1 TX1	0.282	0.234	0.175				
-23.4	-8.4	-207	FR1 n14_Ant 1 TX1	0.338	0.234	0.175				
-31.6	-61.8	-207	FR1 n25_Ant 1 TX1	0.448	0.234	0.175				
-26.4	13.2	-207	FR1 n26_Ant 1 TX1	0.121	0.234	0.175				
-26.4	13.2	-207	FR1 n26_IC_Ant 1 TX1	0.158	0.234	0.175				
-26.5	-2	-207	FR1 n30_Ant 1 TX1	0.223	0.234	0.175				
-28	-48.5	-207	FR1 n38_Ant 1 TX1	0.560	0.234	0.175				
-26.5	-49.5	-207	FR1 n41_Ant 1 TX1	0.633	0.234	0.175				
-32	-49	-207	FR1 n48_Ant 1 TX1	0.637	0.234	0.175				
-23.4	-56.6	-207	FR1 n66_Ant 1 TX1	0.546	0.234	0.175				
-23.2	-58	-207	FR1 n70_Ant 1 TX1	0.356	0.234	0.175				
-28.6	-40.3	-207	FR1 n71_Ant 1 TX1	0.329	0.234	0.175				
-29	-50	-207	FR1 n77_Ant 1 TX1	0.523	0.234	0.175				
-30	-52	-207	FR1 n77_IC_Ant 1 TX1	0.322	0.234	0.175				



<Case 303>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Edge	1g SAR (W/kg)			0.527	0.477	0.513	0.532
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM850_Ant 1 TXi	0.252	0.234	0.136	1.149	1.099	1.135	1.154
GSM1900_Ant 1 TXi	0.311	0.234	0.136	1.208	1.158	1.194	1.213
WCDMA II_Ant 1 TXi	0.819	0.234	0.136	1.716	1.666	1.702	1.721
WCDMA IV_Ant 1 TXi	0.343	0.234	0.136	1.240	1.190	1.226	1.245
WCDMA V_Ant 1 TXi	0.143	0.234	0.136	1.040	0.990	1.026	1.045
LTE Band 7_Ant 1 TXi	0.747	0.234	0.136	1.644	1.594	1.630	1.649
LTE Band 12_Ant 1 TXi	0.329	0.234	0.136	1.226	1.176	1.212	1.231
LTE Band 13_Ant 1 TXi	0.263	0.234	0.136	1.160	1.110	1.146	1.165
LTE Band 14_Ant 1 TXi	0.228	0.234	0.136	1.125	1.075	1.111	1.130
LTE Band 25_Ant 1 TXi	0.829	0.234	0.136	1.726	1.676	1.712	1.731
LTE Band 26_Ant 1 TXi	0.152	0.234	0.136	1.049	0.999	1.035	1.054
LTE Band 26_IC_Ant 1 TXi	0.170	0.234	0.136	1.067	1.017	1.053	1.072
LTE Band 30_Ant 1 TXi	0.204	0.234	0.136	1.101	1.051	1.087	1.106
LTE Band 41_Ant 1 TXi	0.478	0.234	0.136	1.375	1.325	1.361	1.380
LTE Band 48_Ant 1 TXi	0.662	0.234	0.136	1.559	1.509	1.545	1.564
LTE Band 66_Ant 1 TXi	0.297	0.234	0.136	1.194	1.144	1.180	1.199
FR1 n7_Ant 1 TXi	0.740	0.234	0.136	1.637	1.587	1.623	1.642
FR1 n12_Ant 1 TXi	0.282	0.234	0.136	1.179	1.129	1.165	1.184
FR1 n14_Ant 1 TXi	0.338	0.234	0.136	1.235	1.185	1.221	1.240
FR1 n25_Ant 1 TXi	0.448	0.234	0.136	1.345	1.295	1.331	1.350
FR1 n26_Ant 1 TXi	0.121	0.234	0.136	1.018	0.968	1.004	1.023
FR1 n26_IC_Ant 1 TXi	0.158	0.234	0.136	1.055	1.005	1.041	1.060
FR1 n30_Ant 1 TXi	0.223	0.234	0.136	1.120	1.070	1.106	1.125
FR1 n38_Ant 1 TXi	0.560	0.234	0.136	1.457	1.407	1.443	1.462
FR1 n41_Ant 1 TXi	0.633	0.234	0.136	1.530	1.480	1.516	1.535
FR1 n48_Ant 1 TXi	0.637	0.234	0.136	1.534	1.484	1.520	1.539
FR1 n66_Ant 1 TXi	0.546	0.234	0.136	1.443	1.393	1.429	1.448
FR1 n70_Ant 1 TXi	0.356	0.234	0.136	1.253	1.203	1.239	1.258
FR1 n71_Ant 1 TXi	0.329	0.234	0.136	1.226	1.176	1.212	1.231
FR1 n77_Ant 1 TXi	0.523	0.234	0.136	1.420	1.370	1.406	1.425
FR1 n77_IC_Ant 1 TXi	0.322	0.234	0.136	1.219	1.169	1.205	1.224

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	104.5	1.36	0.02	Not required
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	47.5	0.67	0.01	Not required
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	57.1	0.97	0.02	Not required
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0				
Max WWAN Ant 6	0.532	-30.5	53.5	-207.0	65.8	0.77	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Max WWAN Ant 1	0.829	-31.0	-51.0	-207.0	38.7	1.06	0.03	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				
Bluetooth Ant 4+3(3)	0.136	-28.5	6.0	-207.0	18.6	0.37	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.234	-31.9	-12.3	-207.0				



<Case 304>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.101	0.677	0.747	
	1g SAR (W/kg)			0.1+2+9 Summed SAR	0.1+2+10 Summed SAR	0.1+2+11 Summed SAR	0.1+2+12 Summed SAR	0.1+2+13 Summed SAR	0.1+2+14 Summed SAR	0.1+2+15 Summed SAR	0.1+2+16 Summed SAR	0.1+2+17 Summed SAR	0.1+2+18 Summed SAR
GSM1900_Ant 2 TXD	0.653	0.154	0.333	1.699	1.730	1.518	1.729	1.692	1.692	1.795	1.241	1.817	1.887
WCDMA E_Ant 2 TXD	0.560	0.154	0.333	1.597	1.637	1.425	1.627	1.593	1.599	1.702	1.148	1.724	1.794
WCDMA F_Ant 2 TXD	0.652	0.154	0.333	1.699	1.699	1.517	1.729	1.695	1.691	1.794	1.240	1.816	1.886
LTE Band 7_Ant 2 TXD	0.622	0.154	0.333	1.659	1.699	1.487	1.699	1.625	1.691	1.764	1.210	1.799	1.856
LTE Band 25_Ant 2 TXD	0.539	0.154	0.333	1.576	1.586	1.404	1.616	1.542	1.578	1.681	1.127	1.703	1.773
LTE Band 30_Ant 2 TXD	0.618	0.154	0.333	1.655	1.665	1.483	1.695	1.621	1.697	1.760	1.206	1.792	1.852
LTE Band 41_Ant 2 TXD	0.523	0.154	0.333	1.590	1.570	1.388	1.600	1.526	1.562	1.665	1.111	1.687	1.757
LTE Band 66_Ant 2 TXD	0.662	0.154	0.333	1.699	1.709	1.527	1.739	1.665	1.701	1.804	1.250	1.826	1.896
FRI n01_Ant 2 TXD	0.537	0.154	0.333	1.574	1.584	1.402	1.614	1.540	1.576	1.679	1.125	1.701	1.771
FRI n05_Ant 2 TXD	0.636	0.154	0.333	1.672	1.682	1.500	1.712	1.638	1.674	1.777	1.223	1.799	1.869
FRI n08_Ant 2 TXD	0.644	0.154	0.333	1.681	1.691	1.509	1.721	1.647	1.683	1.786	1.232	1.808	1.878
FRI n06_Ant 2 TXD	0.469	0.154	0.333	1.506	1.516	1.334	1.546	1.472	1.508	1.611	1.057	1.633	1.703
FRI n01_Ant 2 Sub TXD	0.555	0.154	0.333	1.592	1.602	1.420	1.632	1.558	1.594	1.697	1.143	1.719	1.789
FRI n05_Ant 2 Sub TXD	0.624	0.154	0.333	1.661	1.671	1.489	1.701	1.627	1.663	1.766	1.212	1.788	1.858
FRI n08_Ant 2 Sub TXD	0.628	0.154	0.333	1.665	1.675	1.493	1.705	1.631	1.667	1.770	1.216	1.792	1.862
FRI n06_Ant 2 Sub TXD	0.611	0.154	0.333	1.648	1.658	1.476	1.688	1.614	1.650	1.753	1.199	1.775	1.845
FRI n07_Ant 2 Sub TXD	0.554	0.154	0.333	1.591	1.601	1.419	1.631	1.557	1.593	1.696	1.142	1.718	1.788
FRI n07_Ant 2 Sub TXD	0.620	0.154	0.333	1.657	1.667	1.485	1.697	1.623	1.659	1.762	1.208	1.784	1.854

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.5	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	85.9	0.90	0.01	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	129.1	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	16.1	0.49	0.02	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				



<Case 305>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	
Back				0.550	0.560	0.378	0.550	0.516	0.655	0.101	0.677	0.747		
		1g SAR (W/kg)			0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR
GSM1900_Ant 2 TX1	0.653	0.051	0.333	1.587	1.597	1.415	1.627	1.563	1.589	1.652	1.138	1.714	1.784	
WCDMA 1_Ant 2 TX1	0.560	0.051	0.333	1.494	1.504	1.322	1.534	1.460	1.496	1.559	1.045	1.621	1.691	
WCDMA 1v_Ant 2 TX1	0.652	0.051	0.333	1.586	1.596	1.414	1.626	1.562	1.588	1.651	1.137	1.713	1.783	
LTE Band 7_Ant 2 TX1	0.622	0.051	0.333	1.556	1.566	1.384	1.596	1.522	1.558	1.621	1.107	1.683	1.753	
LTE Band 25_Ant 2 TX1	0.539	0.051	0.333	1.473	1.483	1.301	1.513	1.439	1.475	1.578	1.024	1.600	1.670	
LTE Band 30_Ant 2 TX1	0.618	0.051	0.333	1.552	1.562	1.380	1.592	1.518	1.554	1.657	1.103	1.679	1.749	
LTE Band 41_Ant 2 TX1	0.523	0.051	0.333	1.457	1.467	1.285	1.497	1.423	1.459	1.562	1.008	1.584	1.654	
LTE Band 66_Ant 2 TX1	0.662	0.051	0.333	1.596	1.606	1.424	1.636	1.562	1.588	1.701	1.147	1.723	1.793	
FRI n07_Ant 2 TX1	0.537	0.051	0.333	1.471	1.481	1.299	1.511	1.437	1.473	1.576	1.022	1.598	1.668	
FRI n05_Ant 2 TX1	0.635	0.051	0.333	1.569	1.579	1.397	1.609	1.535	1.571	1.674	1.120	1.696	1.766	
FRI n08_Ant 2 TX1	0.644	0.051	0.333	1.578	1.588	1.406	1.618	1.544	1.580	1.683	1.129	1.705	1.775	
FRI n01_Ant 2 TX1	0.469	0.051	0.333	1.403	1.413	1.231	1.443	1.369	1.405	1.508	0.954	1.530	1.600	
FRI n05_Ant 2 Sub TX1	0.555	0.051	0.333	1.489	1.499	1.317	1.529	1.455	1.491	1.594	1.040	1.616	1.686	
FRI n08_Ant 2 Sub TX1	0.624	0.051	0.333	1.558	1.568	1.386	1.598	1.524	1.560	1.663	1.109	1.685	1.755	
FRI n06_Ant 2 TX1	0.628	0.051	0.333	1.562	1.572	1.390	1.602	1.528	1.564	1.667	1.113	1.689	1.759	
FRI n02_Ant 2 TX1	0.611	0.051	0.333	1.545	1.555	1.373	1.585	1.511	1.547	1.650	1.096	1.672	1.742	
FRI n07_Ant 2 Sub TX1	0.554	0.051	0.333	1.488	1.498	1.316	1.528	1.454	1.490	1.593	1.039	1.615	1.685	
FRI n07_Ant 2 Sub TX1	0.620	0.051	0.333	1.554	1.564	1.382	1.594	1.520	1.556	1.659	1.105	1.681	1.751	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	74.6	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-25.6	-79.1	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	106.6	0.71	0.01	Not required
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	129.1	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	79.9	0.38	0.00	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				



<Case 306>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r08_Ant 5 Sub TX1	FRI r01_Ant 5 Sub TX1	FRI r05_Ant 5 Sub TX1	FRI r06_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1	FRI r07_IC_Ant 5 Sub TX1
Back				0.550	0.560	0.378	0.552	0.516					
		1g SAR (W/kg)			0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR
GSM1900_Ant 2 TX1	0.653	0.250	0.333	1.785	1.795	1.614	1.825	1.782	1.789	1.891	1.337	1.913	1.953
WCDMA 1_Ant 2 TX1	0.560	0.250	0.333	1.693	1.703	1.521	1.733	1.691	1.698	1.799	1.244	1.820	1.859
WCDMA 1v_Ant 2 TX1	0.652	0.250	0.333	1.785	1.795	1.613	1.825	1.781	1.787	1.889	1.336	1.912	1.952
LTE Band 7_Ant 2 TX1	0.622	0.250	0.333	1.755	1.765	1.583	1.795	1.751	1.757	1.859	1.306	1.882	1.922
LTE Band 25_Ant 2 TX1	0.539	0.250	0.333	1.672	1.682	1.500	1.712	1.638	1.674	1.777	1.223	1.799	1.839
LTE Band 30_Ant 2 TX1	0.618	0.250	0.333	1.751	1.761	1.579	1.791	1.747	1.753	1.855	1.302	1.879	1.919
LTE Band 41_Ant 2 TX1	0.523	0.250	0.333	1.656	1.666	1.484	1.696	1.622	1.658	1.761	1.207	1.783	1.823
LTE Band 66_Ant 2 TX1	0.662	0.250	0.333	1.795	1.805	1.623	1.835	1.791	1.797	1.900	1.346	1.922	1.962
FRI r07_Ant 2 TX1	0.537	0.250	0.333	1.670	1.680	1.498	1.710	1.636	1.672	1.775	1.221	1.797	1.837
FRI r05_Ant 2 TX1	0.635	0.250	0.333	1.768	1.778	1.596	1.808	1.734	1.770	1.873	1.291	1.865	1.905
FRI r06_Ant 2 TX1	0.644	0.250	0.333	1.777	1.787	1.605	1.817	1.743	1.779	1.882	1.328	1.904	1.944
FRI r08_Ant 2 TX1	0.469	0.250	0.333	1.602	1.612	1.430	1.642	1.568	1.604	1.707	1.153	1.729	1.769
FRI r01_Ant 2 TX1	0.555	0.250	0.333	1.688	1.698	1.516	1.728	1.654	1.690	1.793	1.239	1.815	1.855
FRI r05_Ant 2 Sub TX1	0.624	0.250	0.333	1.757	1.767	1.585	1.797	1.723	1.759	1.862	1.308	1.884	1.924
FRI r06_Ant 2 TX1	0.628	0.250	0.333	1.761	1.771	1.589	1.801	1.727	1.763	1.866	1.312	1.888	1.928
FRI r07_Ant 2 Sub TX1	0.611	0.250	0.333	1.744	1.754	1.572	1.784	1.710	1.746	1.849	1.295	1.871	1.911
FRI r07_Ant 2 Sub TX1	0.554	0.250	0.333	1.687	1.697	1.515	1.727	1.653	1.689	1.792	1.238	1.814	1.854
FRI r07_IC_Ant 2 Sub TX1	0.620	0.250	0.333	1.753	1.763	1.581	1.793	1.719	1.755	1.858	1.304	1.880	1.920

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.5	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	1.00	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.84	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	154.0	0.91	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0	106.6	0.76	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	129.1	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	14.3	0.58	0.03	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	79.9	0.43	0.00	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	49.7	0.52	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	24.3	0.37	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	68.4	0.34	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 307>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n04_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_KC_Ant 5 Sub TX1	FRI n07_JC_Ant 5 Sub TX1
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.501	0.501	0.677	0.747
	1g SAR (W/kg)			0.1+7+9 Summed SAR	0.1+7+10 Summed SAR	0.1+7+11 Summed SAR	0.1+7+12 Summed SAR	0.1+7+13 Summed SAR	0.1+7+14 Summed SAR	0.1+7+15 Summed SAR	0.1+7+16 Summed SAR	0.1+7+17 Summed SAR	0.1+7+18 Summed SAR
GSM1900_Ant 2 TX1	0.653	0.333	0.207	1.763	1.783	1.571	1.783	1.788	1.740	1.866	1.294	1.879	1.966
WCDMA 1_Ant 2 TX1	0.560	0.333	0.207	1.659	1.680	1.478	1.659	1.616	1.652	1.755	1.201	1.777	1.867
WCDMA 1v_Ant 2 TX1	0.652	0.333	0.207	1.742	1.762	1.570	1.752	1.758	1.744	1.867	1.293	1.869	1.959
LTE Band 7_Ant 2 TX1	0.622	0.333	0.207	1.712	1.732	1.540	1.732	1.678	1.714	1.817	1.283	1.839	1.939
LTE Band 25_Ant 2 TX1	0.539	0.333	0.207	1.629	1.639	1.457	1.629	1.595	1.631	1.724	1.180	1.756	1.825
LTE Band 30_Ant 2 TX1	0.618	0.333	0.207	1.708	1.718	1.536	1.748	1.674	1.710	1.813	1.259	1.835	1.905
LTE Band 41_Ant 2 TX1	0.523	0.333	0.207	1.613	1.623	1.441	1.653	1.579	1.615	1.718	1.164	1.740	1.810
LTE Band 66_Ant 2 TX1	0.662	0.333	0.207	1.752	1.762	1.580	1.752	1.716	1.754	1.857	1.303	1.879	1.949
FRI n07_Ant 2 TX1	0.537	0.333	0.207	1.627	1.637	1.455	1.627	1.593	1.629	1.732	1.178	1.754	1.824
FRI n05_Ant 2 TX1	0.636	0.333	0.207	1.725	1.735	1.563	1.765	1.691	1.727	1.830	1.276	1.852	1.922
FRI n08_Ant 2 TX1	0.644	0.333	0.207	1.734	1.744	1.562	1.774	1.700	1.736	1.839	1.285	1.861	1.931
FRI n01_Ant 2 TX1	0.469	0.333	0.207	1.559	1.569	1.387	1.599	1.525	1.561	1.664	1.110	1.686	1.756
FRI n04_Ant 2 TX1	0.555	0.333	0.207	1.645	1.655	1.473	1.685	1.611	1.647	1.750	1.196	1.772	1.842
FRI n08_Ant 2 Sub TX1	0.624	0.333	0.207	1.714	1.724	1.542	1.754	1.680	1.716	1.819	1.265	1.841	1.911
FRI n05_Ant 2 TX1	0.628	0.333	0.207	1.718	1.728	1.546	1.758	1.684	1.720	1.823	1.269	1.845	1.915
FRI n02_Ant 2 TX1	0.611	0.333	0.207	1.701	1.711	1.529	1.741	1.667	1.703	1.806	1.252	1.832	1.898
FRI n07_Ant 2 Sub TX1	0.554	0.333	0.207	1.644	1.654	1.472	1.684	1.610	1.646	1.749	1.195	1.771	1.841
FRI n07_KC_Ant 2 Sub TX1	0.620	0.333	0.207	1.718	1.728	1.538	1.758	1.676	1.712	1.815	1.261	1.837	1.907

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.5	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	85.9	0.95	0.01	Not required
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0	46.2	1.02	0.02	Not required
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	129.1	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	17.1	0.54	0.02	Not required
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 308>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n04_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	FRI n07_Ant 5 Sub TX1	
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.655	0.101	0.677	0.747	
		1g SAR (W/kg)			0.1+7+9 Summed SAR	0.1+7+10 Summed SAR	0.1+7+11 Summed SAR	0.1+7+12 Summed SAR	0.1+7+13 Summed SAR	0.1+7+14 Summed SAR	0.1+7+15 Summed SAR	0.1+7+16 Summed SAR	0.1+7+17 Summed SAR	0.1+7+18 Summed SAR
GSM1900_Ant 2 TX1	0.663	0.333	0.199	1.735	1.745	1.583	1.775	1.701	1.737	1.860	1.286	1.862	1.932	
WCDMA 1_Ant 2 TX1	0.560	0.333	0.199	1.642	1.652	1.470	1.692	1.608	1.644	1.767	1.193	1.769	1.839	
WCDMA 1v_Ant 2 TX1	0.662	0.333	0.199	1.734	1.744	1.582	1.774	1.700	1.736	1.859	1.285	1.861	1.931	
LTE Band 7_Ant 2 TX1	0.622	0.333	0.199	1.704	1.714	1.532	1.744	1.670	1.706	1.829	1.255	1.831	1.901	
LTE Band 25_Ant 2 TX1	0.539	0.333	0.199	1.621	1.631	1.449	1.661	1.587	1.623	1.725	1.172	1.748	1.818	
LTE Band 30_Ant 2 TX1	0.618	0.333	0.199	1.700	1.710	1.528	1.740	1.666	1.702	1.805	1.251	1.827	1.897	
LTE Band 41_Ant 2 TX1	0.523	0.333	0.199	1.605	1.615	1.433	1.645	1.571	1.607	1.710	1.156	1.732	1.802	
LTE Band 66_Ant 2 TX1	0.662	0.333	0.199	1.744	1.754	1.572	1.784	1.710	1.746	1.849	1.295	1.871	1.941	
FRI n07_Ant 2 TX1	0.537	0.333	0.199	1.619	1.629	1.447	1.659	1.585	1.621	1.724	1.170	1.746	1.816	
FRI n05_Ant 2 TX1	0.635	0.333	0.199	1.717	1.727	1.545	1.757	1.683	1.719	1.822	1.268	1.844	1.914	
FRI n08_Ant 2 TX1	0.644	0.333	0.199	1.726	1.736	1.554	1.766	1.692	1.728	1.831	1.277	1.853	1.923	
FRI n01_Ant 2 TX1	0.469	0.333	0.199	1.551	1.561	1.379	1.591	1.517	1.553	1.656	1.102	1.678	1.748	
FRI n04_Ant 2 TX1	0.555	0.333	0.199	1.637	1.647	1.465	1.677	1.603	1.639	1.742	1.188	1.764	1.834	
FRI n06_Ant 2 Sub TX1	0.624	0.333	0.199	1.706	1.716	1.534	1.748	1.674	1.710	1.811	1.267	1.833	1.903	
FRI n02_Ant 2 TX1	0.628	0.333	0.199	1.716	1.726	1.538	1.750	1.676	1.712	1.815	1.261	1.837	1.907	
FRI n03_Ant 2 TX1	0.611	0.333	0.199	1.693	1.703	1.521	1.733	1.659	1.695	1.798	1.244	1.820	1.890	
FRI n07_Ant 2 Sub TX1	0.554	0.333	0.199	1.636	1.646	1.464	1.676	1.602	1.638	1.741	1.187	1.763	1.833	
FRI n07_Ant 2 Sub TX1	0.620	0.333	0.199	1.702	1.712	1.530	1.742	1.668	1.704	1.807	1.253	1.829	1.899	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.5	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	24.3	0.95	0.04	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0	108.9	0.86	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	129.1	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	79.6	0.53	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	22.5	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 309>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	
	WWAN SAR	WLAN5/6G Ant 4+3	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FRI n05_Ant 5 Sub TX1	FRI n08_Ant 5 Sub TX1	FRI n01_Ant 5 Sub TX1	FRI n06_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1	FRI n07_IC_Ant 5 Sub TX1	
Back				0.550	0.560	0.378	0.550	0.516	0.552	0.555	0.101	0.677	0.747	
		1g SAR (W/kg)			0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR
GSM1900_Ant 2 TX1	0.563	0.333	0.201	1.727	1.747	1.565	1.777	1.703	1.739	1.862	1.288	1.864	1.924	
WCDMA 1_Ant 2 TX1	0.560	0.333	0.201	1.644	1.664	1.472	1.694	1.610	1.646	1.769	1.195	1.771	1.831	
WCDMA 7_Ant 2 TX1	0.662	0.333	0.201	1.736	1.746	1.564	1.776	1.702	1.738	1.861	1.287	1.863	1.923	
LTE Band 7_Ant 2 TX1	0.622	0.333	0.201	1.706	1.716	1.534	1.746	1.672	1.708	1.831	1.257	1.833	1.893	
LTE Band 25_Ant 2 TX1	0.539	0.333	0.201	1.623	1.633	1.451	1.663	1.589	1.625	1.728	1.174	1.759	1.820	
LTE Band 30_Ant 2 TX1	0.618	0.333	0.201	1.702	1.712	1.530	1.742	1.668	1.704	1.827	1.253	1.829	1.889	
LTE Band 41_Ant 2 TX1	0.523	0.333	0.201	1.607	1.617	1.435	1.647	1.573	1.609	1.712	1.158	1.734	1.804	
LTE Band 66_Ant 2 TX1	0.662	0.333	0.201	1.746	1.756	1.574	1.786	1.712	1.748	1.871	1.297	1.873	1.943	
FRI n07_Ant 2 TX1	0.537	0.333	0.201	1.621	1.631	1.449	1.661	1.587	1.623	1.726	1.172	1.748	1.818	
FRI n05_Ant 2 TX1	0.636	0.333	0.201	1.719	1.729	1.547	1.759	1.685	1.721	1.824	1.270	1.846	1.916	
FRI n06_Ant 2 TX1	0.644	0.333	0.201	1.728	1.738	1.556	1.768	1.694	1.730	1.833	1.279	1.855	1.925	
FRI n08_Ant 2 TX1	0.469	0.333	0.201	1.553	1.563	1.381	1.593	1.519	1.555	1.658	1.104	1.680	1.750	
FRI n01_Ant 2 TX1	0.555	0.333	0.201	1.639	1.649	1.467	1.679	1.605	1.641	1.744	1.190	1.766	1.836	
FRI n06_Ant 2 Sub TX1	0.624	0.333	0.201	1.708	1.718	1.536	1.748	1.674	1.710	1.813	1.259	1.835	1.905	
FRI n06_Ant 2 TX1	0.628	0.333	0.201	1.712	1.722	1.540	1.752	1.678	1.714	1.817	1.263	1.839	1.909	
FRI n05_Ant 2 TX1	0.611	0.333	0.201	1.695	1.705	1.523	1.735	1.661	1.697	1.800	1.246	1.822	1.892	
FRI n07_Ant 2 Sub TX1	0.554	0.333	0.201	1.638	1.648	1.466	1.678	1.604	1.640	1.743	1.189	1.765	1.835	
FRI n07_IC_Ant 2 Sub TX1	0.620	0.333	0.201	1.704	1.714	1.522	1.744	1.670	1.706	1.809	1.255	1.831	1.901	

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.5	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.2	0.95	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.83	0.03	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	155.0	0.86	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 2	0.662	-26.0	-77.0	-207.0	107.1	0.74	0.01	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	157.7	1.00	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 2	0.662	-22.5	-76.0	-207.0	129.1	0.93	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	17.6	0.53	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	82.4	0.41	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	47.6	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	25.2	0.35	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	69.3	0.28	0.00	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 310>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.154	0.333	1.748	1.811	1.616	1.813
WCDMA_II_Ant 2 TX0	0.560	0.154	0.333	1.655	1.718	1.523	1.720
WCDMA_IV_Ant 2 TX0	0.652	0.154	0.333	1.747	1.810	1.615	1.812
LTE Band 7_Ant 2 TX0	0.622	0.154	0.333	1.717	1.780	1.585	1.782
LTE Band 25_Ant 2 TX0	0.539	0.154	0.333	1.634	1.697	1.502	1.699
LTE Band 30_Ant 2 TX0	0.618	0.154	0.333	1.713	1.776	1.581	1.778
LTE Band 41_Ant 2 TX0	0.523	0.154	0.333	1.618	1.681	1.486	1.683
LTE Band 66_Ant 2 TX0	0.662	0.154	0.333	1.757	1.820	1.625	1.822
FR1 n7_Ant 2 TX0	0.537	0.154	0.333	1.632	1.695	1.500	1.697
FR1 n25_Ant 2 TX0	0.635	0.154	0.333	1.730	1.793	1.598	1.795
FR1 n30_Ant 2 TX0	0.644	0.154	0.333	1.739	1.802	1.607	1.804
FR1 n38_Ant 2 TX0	0.469	0.154	0.333	1.564	1.627	1.432	1.629
FR1 n41_Ant 2 TX0	0.555	0.154	0.333	1.650	1.713	1.518	1.715
FR1 n48_Ant 2 Sub TX0	0.624	0.154	0.333	1.719	1.782	1.587	1.784
FR1 n66_Ant 2 TX0	0.628	0.154	0.333	1.723	1.786	1.591	1.788
FR1 n70_Ant 2 TX0	0.611	0.154	0.333	1.706	1.769	1.574	1.771
FR1 n77_Ant 2 Sub TX0	0.554	0.154	0.333	1.649	1.712	1.517	1.714
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.154	0.333	1.715	1.778	1.583	1.780

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.335	-59.0	-55.0	-207.0	103.2	1.82	0.02	Not required
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3	0.487	-57.8	48.2	-207.0				



<Case 311>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.051	0.333	1.645	1.708	1.513	1.710
WCDMA_II_Ant 2 TX0	0.560	0.051	0.333	1.552	1.615	1.420	1.617
WCDMA_IV_Ant 2 TX0	0.652	0.051	0.333	1.644	1.707	1.512	1.709
LTE Band 7_Ant 2 TX0	0.622	0.051	0.333	1.614	1.677	1.482	1.679
LTE Band 25_Ant 2 TX0	0.539	0.051	0.333	1.531	1.594	1.399	1.596
LTE Band 30_Ant 2 TX0	0.618	0.051	0.333	1.610	1.673	1.478	1.675
LTE Band 41_Ant 2 TX0	0.523	0.051	0.333	1.515	1.578	1.383	1.580
LTE Band 66_Ant 2 TX0	0.662	0.051	0.333	1.654	1.717	1.522	1.719
FR1 n7_Ant 2 TX0	0.537	0.051	0.333	1.529	1.592	1.397	1.594
FR1 n25_Ant 2 TX0	0.635	0.051	0.333	1.627	1.690	1.495	1.692
FR1 n30_Ant 2 TX0	0.644	0.051	0.333	1.636	1.699	1.504	1.701
FR1 n38_Ant 2 TX0	0.469	0.051	0.333	1.461	1.524	1.329	1.526
FR1 n41_Ant 2 TX0	0.555	0.051	0.333	1.547	1.610	1.415	1.612
FR1 n48_Ant 2 Sub TX0	0.624	0.051	0.333	1.616	1.679	1.484	1.681
FR1 n66_Ant 2 TX0	0.628	0.051	0.333	1.620	1.683	1.488	1.685
FR1 n70_Ant 2 TX0	0.611	0.051	0.333	1.603	1.666	1.471	1.668
FR1 n77_Ant 2 Sub TX0	0.554	0.051	0.333	1.546	1.609	1.414	1.611
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.051	0.333	1.612	1.675	1.480	1.677

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.335	-59.0	-55.0	-207.0	79.0	1.72	0.03	Not required
WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3	0.384	-60.0	24.0	-207.0				



<Case 312>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.250	0.333	1.844	1.907	1.712	1.909
WCDMA_II_Ant 2 TX0	0.560	0.250	0.333	1.751	1.814	1.619	1.816
WCDMA_IV_Ant 2 TX0	0.652	0.250	0.333	1.843	1.906	1.711	1.908
LTE Band 7_Ant 2 TX0	0.622	0.250	0.333	1.813	1.876	1.681	1.878
LTE Band 25_Ant 2 TX0	0.539	0.250	0.333	1.730	1.793	1.598	1.795
LTE Band 30_Ant 2 TX0	0.618	0.250	0.333	1.809	1.872	1.677	1.874
LTE Band 41_Ant 2 TX0	0.523	0.250	0.333	1.714	1.777	1.582	1.779
LTE Band 66_Ant 2 TX0	0.662	0.250	0.333	1.853	1.916	1.721	1.918
FR1 n7_Ant 2 TX0	0.537	0.250	0.333	1.728	1.791	1.596	1.793
FR1 n25_Ant 2 TX0	0.635	0.250	0.333	1.826	1.889	1.694	1.891
FR1 n30_Ant 2 TX0	0.644	0.250	0.333	1.835	1.898	1.703	1.900
FR1 n38_Ant 2 TX0	0.469	0.250	0.333	1.660	1.723	1.528	1.725
FR1 n41_Ant 2 TX0	0.555	0.250	0.333	1.746	1.809	1.614	1.811
FR1 n48_Ant 2 Sub TX0	0.624	0.250	0.333	1.815	1.878	1.683	1.880
FR1 n66_Ant 2 TX0	0.628	0.250	0.333	1.819	1.882	1.687	1.884
FR1 n70_Ant 2 TX0	0.611	0.250	0.333	1.802	1.865	1.670	1.867
FR1 n77_Ant 2 Sub TX0	0.554	0.250	0.333	1.745	1.808	1.613	1.810
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.250	0.333	1.811	1.874	1.679	1.876

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.335	-59.0	-55.0	-207.0	79.0	1.92	0.03	Not required
WLAN2.4G Ant 4+3 + WLAN5/6G Ant 4+3	0.583	-60.0	24.0	-207.0				



<Case 313>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.333	0.207	1.801	1.864	1.669	1.866
WCDMA_II_Ant 2 TX0	0.560	0.333	0.207	1.708	1.771	1.576	1.773
WCDMA_IV_Ant 2 TX0	0.652	0.333	0.207	1.800	1.863	1.668	1.865
LTE Band 7_Ant 2 TX0	0.622	0.333	0.207	1.770	1.833	1.638	1.835
LTE Band 25_Ant 2 TX0	0.539	0.333	0.207	1.687	1.750	1.555	1.752
LTE Band 30_Ant 2 TX0	0.618	0.333	0.207	1.766	1.829	1.634	1.831
LTE Band 41_Ant 2 TX0	0.523	0.333	0.207	1.671	1.734	1.539	1.736
LTE Band 66_Ant 2 TX0	0.662	0.333	0.207	1.810	1.873	1.678	1.875
FR1 n7_Ant 2 TX0	0.537	0.333	0.207	1.685	1.748	1.553	1.750
FR1 n25_Ant 2 TX0	0.635	0.333	0.207	1.783	1.846	1.651	1.848
FR1 n30_Ant 2 TX0	0.644	0.333	0.207	1.792	1.855	1.660	1.857
FR1 n38_Ant 2 TX0	0.469	0.333	0.207	1.617	1.680	1.485	1.682
FR1 n41_Ant 2 TX0	0.555	0.333	0.207	1.703	1.766	1.571	1.768
FR1 n48_Ant 2 Sub TX0	0.624	0.333	0.207	1.772	1.835	1.640	1.837
FR1 n66_Ant 2 TX0	0.628	0.333	0.207	1.776	1.839	1.644	1.841
FR1 n70_Ant 2 TX0	0.611	0.333	0.207	1.759	1.822	1.627	1.824
FR1 n77_Ant 2 Sub TX0	0.554	0.333	0.207	1.702	1.765	1.570	1.767
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.333	0.207	1.768	1.831	1.636	1.833

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.335	-59.0	-55.0	-207.0	103.2	1.88	0.02	Not required
WLAN5/6G Ant 4+3 + Bluetooth Ant 4	0.540	-57.8	48.2	-207.0				



<Case 314>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.333	0.199	1.793	1.856	1.661	1.858
WCDMA_II_Ant 2 TX0	0.560	0.333	0.199	1.700	1.763	1.568	1.765
WCDMA_IV_Ant 2 TX0	0.652	0.333	0.199	1.792	1.855	1.660	1.857
LTE Band 7_Ant 2 TX0	0.622	0.333	0.199	1.762	1.825	1.630	1.827
LTE Band 25_Ant 2 TX0	0.539	0.333	0.199	1.679	1.742	1.547	1.744
LTE Band 30_Ant 2 TX0	0.618	0.333	0.199	1.758	1.821	1.626	1.823
LTE Band 41_Ant 2 TX0	0.523	0.333	0.199	1.663	1.726	1.531	1.728
LTE Band 66_Ant 2 TX0	0.662	0.333	0.199	1.802	1.865	1.670	1.867
FR1 n7_Ant 2 TX0	0.537	0.333	0.199	1.677	1.740	1.545	1.742
FR1 n25_Ant 2 TX0	0.635	0.333	0.199	1.775	1.838	1.643	1.840
FR1 n30_Ant 2 TX0	0.644	0.333	0.199	1.784	1.847	1.652	1.849
FR1 n38_Ant 2 TX0	0.469	0.333	0.199	1.609	1.672	1.477	1.674
FR1 n41_Ant 2 TX0	0.555	0.333	0.199	1.695	1.758	1.563	1.760
FR1 n48_Ant 2 Sub TX0	0.624	0.333	0.199	1.764	1.827	1.632	1.829
FR1 n66_Ant 2 TX0	0.628	0.333	0.199	1.768	1.831	1.636	1.833
FR1 n70_Ant 2 TX0	0.611	0.333	0.199	1.751	1.814	1.619	1.816
FR1 n77_Ant 2 Sub TX0	0.554	0.333	0.199	1.694	1.757	1.562	1.759
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.333	0.199	1.760	1.823	1.628	1.825

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.335	-59.0	-55.0	-207.0	81.0	1.87	0.03	Not required
WLAN5/6G Ant 4+3 + Bluetooth Ant 3	0.532	-61.5	26.0	-207.0				



<Case 315>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.333	0.201	1.795	1.858	1.663	1.860
WCDMA_II_Ant 2 TX0	0.560	0.333	0.201	1.702	1.765	1.570	1.767
WCDMA_IV_Ant 2 TX0	0.652	0.333	0.201	1.794	1.857	1.662	1.859
LTE Band 7_Ant 2 TX0	0.622	0.333	0.201	1.764	1.827	1.632	1.829
LTE Band 25_Ant 2 TX0	0.539	0.333	0.201	1.681	1.744	1.549	1.746
LTE Band 30_Ant 2 TX0	0.618	0.333	0.201	1.760	1.823	1.628	1.825
LTE Band 41_Ant 2 TX0	0.523	0.333	0.201	1.665	1.728	1.533	1.730
LTE Band 66_Ant 2 TX0	0.662	0.333	0.201	1.804	1.867	1.672	1.869
FR1 n7_Ant 2 TX0	0.537	0.333	0.201	1.679	1.742	1.547	1.744
FR1 n25_Ant 2 TX0	0.635	0.333	0.201	1.777	1.840	1.645	1.842
FR1 n30_Ant 2 TX0	0.644	0.333	0.201	1.786	1.849	1.654	1.851
FR1 n38_Ant 2 TX0	0.469	0.333	0.201	1.611	1.674	1.479	1.676
FR1 n41_Ant 2 TX0	0.555	0.333	0.201	1.697	1.760	1.565	1.762
FR1 n48_Ant 2 Sub TX0	0.624	0.333	0.201	1.766	1.829	1.634	1.831
FR1 n66_Ant 2 TX0	0.628	0.333	0.201	1.770	1.833	1.638	1.835
FR1 n70_Ant 2 TX0	0.611	0.333	0.201	1.753	1.816	1.621	1.818
FR1 n77_Ant 2 Sub TX0	0.554	0.333	0.201	1.696	1.759	1.564	1.761
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.333	0.201	1.762	1.825	1.630	1.827

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.335	-59.0	-55.0	-207.0	78.6	1.87	0.03	Not required
WLAN5/6G Ant 4+3 + Bluetooth Ant 4+3	0.534	-63.0	23.5	-207.0				



<Case 316>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.154	0.333	1.645	1.708	1.513	1.710
LTE Band 41_Ant 5 Sub TX1	0.560	0.154	0.333	1.655	1.718	1.523	1.720
LTE Band 66_Ant 5 Sub TX1	0.378	0.154	0.333	1.473	1.536	1.341	1.538
FR1 n25_Ant 5 Sub TX1	0.590	0.154	0.333	1.685	1.748	1.553	1.750
FR1 n38_Ant 5 Sub TX1	0.516	0.154	0.333	1.611	1.674	1.479	1.676
FR1 n41_Ant 5 Sub TX1	0.552	0.154	0.333	1.647	1.710	1.515	1.712
FR1 n48_Ant 5 Sub TX1	0.655	0.154	0.333	1.750	1.813	1.618	1.815
FR1 n66_Ant 5 Sub TX1	0.101	0.154	0.333	1.196	1.259	1.064	1.261
FR1 n77_Ant 5 Sub TX1	0.677	0.154	0.333	1.772	1.835	1.640	1.837
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.154	0.333	1.842	1.905	1.710	1.907

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	44.1	1.42	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	139.6	0.83	0.01	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	0.90	0.01	Not required
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	146.7	1.01	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	103.2	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	16.1	0.49	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4	0.154	-20.0	79.0	-207.0	48.8	0.43	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 317>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.051	0.333	1.542	1.605	1.410	1.607
LTE Band 41_Ant 5 Sub TX1	0.560	0.051	0.333	1.552	1.615	1.420	1.617
LTE Band 66_Ant 5 Sub TX1	0.378	0.051	0.333	1.370	1.433	1.238	1.435
FR1 n25_Ant 5 Sub TX1	0.590	0.051	0.333	1.582	1.645	1.450	1.647
FR1 n38_Ant 5 Sub TX1	0.516	0.051	0.333	1.508	1.571	1.376	1.573
FR1 n41_Ant 5 Sub TX1	0.552	0.051	0.333	1.544	1.607	1.412	1.609
FR1 n48_Ant 5 Sub TX1	0.655	0.051	0.333	1.647	1.710	1.515	1.712
FR1 n66_Ant 5 Sub TX1	0.101	0.051	0.333	1.093	1.156	0.961	1.158
FR1 n77_Ant 5 Sub TX1	0.677	0.051	0.333	1.669	1.732	1.537	1.734
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.051	0.333	1.739	1.802	1.607	1.804

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	44.1	1.42	0.04	Not required
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	79.0	0.72	0.01	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.80	0.03	Not required
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	146.7	1.01	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	103.2	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	79.9	0.38	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 3	0.051	-60.0	24.0	-207.0	24.3	0.32	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 318>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.250	0.333	1.741	1.804	1.609	1.806
LTE Band 41_Ant 5 Sub TX1	0.560	0.250	0.333	1.751	1.814	1.619	1.816
LTE Band 66_Ant 5 Sub TX1	0.378	0.250	0.333	1.569	1.632	1.437	1.634
FR1 n25_Ant 5 Sub TX1	0.590	0.250	0.333	1.781	1.844	1.649	1.846
FR1 n38_Ant 5 Sub TX1	0.516	0.250	0.333	1.707	1.770	1.575	1.772
FR1 n41_Ant 5 Sub TX1	0.552	0.250	0.333	1.743	1.806	1.611	1.808
FR1 n48_Ant 5 Sub TX1	0.655	0.250	0.333	1.846	1.909	1.714	1.911
FR1 n66_Ant 5 Sub TX1	0.101	0.250	0.333	1.292	1.355	1.160	1.357
FR1 n77_Ant 5 Sub TX1	0.677	0.250	0.333	1.868	1.931	1.736	1.933
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.250	0.333	1.938	2.001	1.806	2.003

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	44.1	1.42	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	139.2	0.92	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	79.0	0.77	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	1.00	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.84	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	146.7	1.01	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	103.2	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	14.3	0.58	0.03	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	79.9	0.43	0.00	Not required
WLAN5G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	49.7	0.52	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0	24.3	0.37	0.01	Not required
WLAN5G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.250	-18.0	78.0	-207.0	68.4	0.34	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.094	-60.0	24.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 319>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.333	0.207	1.698	1.761	1.566	1.763
LTE Band 41_Ant 5 Sub TX1	0.560	0.333	0.207	1.708	1.771	1.576	1.773
LTE Band 66_Ant 5 Sub TX1	0.378	0.333	0.207	1.526	1.589	1.394	1.591
FR1 n25_Ant 5 Sub TX1	0.590	0.333	0.207	1.738	1.801	1.606	1.803
FR1 n38_Ant 5 Sub TX1	0.516	0.333	0.207	1.664	1.727	1.532	1.729
FR1 n41_Ant 5 Sub TX1	0.552	0.333	0.207	1.700	1.763	1.568	1.765
FR1 n48_Ant 5 Sub TX1	0.655	0.333	0.207	1.803	1.866	1.671	1.868
FR1 n66_Ant 5 Sub TX1	0.101	0.333	0.207	1.249	1.312	1.117	1.314
FR1 n77_Ant 5 Sub TX1	0.677	0.333	0.207	1.825	1.888	1.693	1.890
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.333	0.207	1.895	1.958	1.763	1.960

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	44.1	1.42	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	139.8	0.88	0.01	Not required
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.9	0.95	0.01	Not required
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	146.7	1.01	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	103.2	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	17.1	0.54	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4	0.207	-21.0	79.5	-207.0	48.3	0.48	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 320>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.333	0.199	1.690	1.753	1.558	1.755
LTE Band 41_Ant 5 Sub TX1	0.560	0.333	0.199	1.700	1.763	1.568	1.765
LTE Band 66_Ant 5 Sub TX1	0.378	0.333	0.199	1.518	1.581	1.386	1.583
FR1 n25_Ant 5 Sub TX1	0.590	0.333	0.199	1.730	1.793	1.598	1.795
FR1 n38_Ant 5 Sub TX1	0.516	0.333	0.199	1.656	1.719	1.524	1.721
FR1 n41_Ant 5 Sub TX1	0.552	0.333	0.199	1.692	1.755	1.560	1.757
FR1 n48_Ant 5 Sub TX1	0.655	0.333	0.199	1.795	1.858	1.663	1.860
FR1 n66_Ant 5 Sub TX1	0.101	0.333	0.199	1.241	1.304	1.109	1.306
FR1 n77_Ant 5 Sub TX1	0.677	0.333	0.199	1.817	1.880	1.685	1.882
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.333	0.199	1.887	1.950	1.755	1.952

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	44.1	1.42	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	81.0	0.87	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	24.3	0.95	0.04	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	146.7	1.01	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	103.2	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	79.6	0.53	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0	22.5	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 321>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)			0.608	0.671	0.476	0.673
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.333	0.201	1.692	1.755	1.560	1.757
LTE Band 41_Ant 5 Sub TX1	0.560	0.333	0.201	1.702	1.765	1.570	1.767
LTE Band 66_Ant 5 Sub TX1	0.378	0.333	0.201	1.520	1.583	1.388	1.585
FR1 n25_Ant 5 Sub TX1	0.590	0.333	0.201	1.732	1.795	1.600	1.797
FR1 n38_Ant 5 Sub TX1	0.516	0.333	0.201	1.658	1.721	1.526	1.723
FR1 n41_Ant 5 Sub TX1	0.552	0.333	0.201	1.694	1.757	1.562	1.759
FR1 n48_Ant 5 Sub TX1	0.655	0.333	0.201	1.797	1.860	1.665	1.862
FR1 n66_Ant 5 Sub TX1	0.101	0.333	0.201	1.243	1.306	1.111	1.308
FR1 n77_Ant 5 Sub TX1	0.677	0.333	0.201	1.819	1.882	1.687	1.884
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.333	0.201	1.889	1.952	1.757	1.954

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	44.1	1.42	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	139.1	0.87	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	78.6	0.75	0.01	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	85.2	0.95	0.01	Not required
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	22.1	0.83	0.03	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	146.7	1.01	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 6	0.673	-59.0	-55.0	-207.0	103.2	0.94	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	95.7	1.08	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	46.2	1.02	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	17.6	0.53	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	82.4	0.41	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	47.6	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0	25.2	0.35	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				
Bluetooth Ant 4+3(4)	0.201	-21.5	79.0	-207.0	69.3	0.28	0.00	Not required
Bluetooth Ant 4+3(3)	0.078	-63.0	23.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.333	-4.0	81.0	-207.0	63.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.271	-57.8	48.2	-207.0				



<Case 322>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0		1		2		9		10		11		12		13		14		15		16		17		18	
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n28_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n68_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1	FR1 n77_IC_Ant 5 Sub TX1												
Right Check	Ig SAR (W/kg)		0.476	0.672	0.666	0.371	0.642	0.350	0.643	0.427	0.664	0.389														
GSMB92_Ant 0 TX0	0.384	0.293	0.326	1.479	1.075	1.059	1.374	1.045	1.363	1.665	1.430	1.667	1.391													
WCDMA V_Ant 0 TX0	0.247	0.293	0.326	1.342	1.038	1.032	1.237	1.008	1.216	1.509	1.293	1.530	1.254													
LTE Band 12_Ant 0 TX0	0.266	0.293	0.326	1.361	1.057	1.051	1.256	1.027	1.235	1.528	1.312	1.549	1.273													
LTE Band 13_Ant 0 TX0	0.286	0.293	0.326	1.381	1.077	1.071	1.276	1.047	1.255	1.548	1.332	1.569	1.293													
LTE Band 14_Ant 0 TX0	0.297	0.293	0.326	1.392	1.088	1.082	1.287	1.058	1.266	1.559	1.343	1.580	1.304													
LTE Band 25_Ant 0 Sub TX0	0.216	0.293	0.326	1.311	1.007	1.001	1.206	1.017	1.185	1.476	1.262	1.499	1.223													
LTE Band 26_IC_Ant 0 TX0	0.253	0.293	0.326	1.348	1.044	1.038	1.243	1.014	1.222	1.515	1.299	1.536	1.260													
LTE Band 41_Ant 0 Sub TX0	0.240	0.293	0.326	1.335	1.031	1.025	1.230	1.001	1.209	1.502	1.286	1.523	1.247													
LTE Band 66_Ant 0 Sub TX0	0.112	0.293	0.326	1.207	1.403	1.397	1.102	1.373	1.081	1.374	1.158	1.395	1.119													
LTE Band 71_Ant 0 TX0	0.182	0.293	0.326	1.277	1.473	1.467	1.172	1.443	1.151	1.444	1.228	1.465	1.189													
FR1 n12_Ant 0 TX0	0.282	0.293	0.326	1.377	1.073	1.067	1.272	1.043	1.251	1.544	1.328	1.565	1.289													
FR1 n14_Ant 0 TX0	0.191	0.293	0.326	1.286	1.482	1.476	1.181	1.452	1.160	1.463	1.237	1.474	1.198													
FR1 n25_Ant 0 Sub TX0	0.299	0.293	0.326	1.394	1.090	1.084	1.289	1.060	1.268	1.561	1.345	1.582	1.306													
FR1 n28_Ant 0 Sub TX0	0.210	0.293	0.326	1.305	1.001	1.005	1.200	1.011	1.179	1.472	1.256	1.483	1.217													
FR1 n38_Ant 0 Sub TX0	0.289	0.293	0.326	1.384	1.080	1.074	1.279	1.050	1.258	1.551	1.335	1.572	1.296													
FR1 n41_Ant 0 Sub TX0	0.256	0.293	0.326	1.351	1.047	1.041	1.248	1.017	1.198	1.518	1.302	1.539	1.263													
FR1 n66_Ant 0 Sub TX0	0.301	0.293	0.326	1.398	1.092	1.086	1.291	1.062	1.270	1.563	1.347	1.584	1.308													
FR1 n68_Ant 0 Sub TX0	0.533	0.293	0.326	1.628	1.034	1.028	1.523	1.022	1.795	1.979	1.979	1.875	1.542													
FR1 n77_Ant 0 Sub TX0	0.277	0.293	0.326	1.572	1.088	1.082	1.287	1.058	1.246	1.589	1.323	1.580	1.284													
FR1 n77_IC_Ant 0 TX0	0.162	0.293	0.326	1.267	1.483	1.477	1.192	1.423	1.131	1.424	1.228	1.445	1.169													

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 5 + WLAN5/6G Ant 4+3(3)	1.281	31.7	-250.5	-171.9	72.1	1.90	0.04	Not required
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3(4)	0.619	4.2	-317.1	-173.0				

<Case 323>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0		1		2		9		10		11		12		13		14		15		16		17		18	
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n28_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n68_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1	FR1 n77_IC_Ant 5 Sub TX1												
Right Check	Ig SAR (W/kg)		0.476	0.672	0.666	0.371	0.642	0.350	0.643	0.427	0.664	0.389														
GSMB92_Ant 0 TX0	0.384	0.067	0.326	1.253	1.448	1.443	1.148	1.419	1.127	1.420	1.204	1.441	1.165													
WCDMA V_Ant 0 TX0	0.247	0.067	0.326	1.116	1.312	1.306	1.011	1.282	0.990	1.283	1.067	1.304	1.028													
LTE Band 12_Ant 0 TX0	0.266	0.067	0.326	1.135	1.331	1.325	1.030	1.301	1.009	1.302	1.086	1.323	1.047													
LTE Band 13_Ant 0 TX0	0.286	0.067	0.326	1.155	1.351	1.345	1.050	1.321	1.029	1.322	1.106	1.344	1.067													
LTE Band 14_Ant 0 TX0	0.297	0.067	0.326	1.166	1.362	1.356	1.061	1.332	1.040	1.333	1.117	1.354	1.078													
LTE Band 25_Ant 0 Sub TX0	0.216	0.067	0.326	1.085	1.281	1.275	0.980	1.251	0.959	1.252	1.036	1.273	0.997													
LTE Band 26_IC_Ant 0 TX0	0.253	0.067	0.326	1.122	1.318	1.312	1.017	1.288	0.996	1.289	1.073	1.310	1.034													
LTE Band 41_Ant 0 Sub TX0	0.240	0.067	0.326	1.109	1.305	1.299	1.004	1.275	0.983	1.276	1.060	1.287	1.021													
LTE Band 66_Ant 0 Sub TX0	0.112	0.067	0.326	0.981	1.177	1.171	0.876	1.147	0.855	1.148	0.932	1.169	0.893													
LTE Band 71_Ant 0 TX0	0.182	0.067	0.326	1.051	1.247	1.241	0.946	1.217	0.925	1.218	1.002	1.239	0.963													
FR1 n12_Ant 0 TX0	0.282	0.067	0.326	1.151	1.347	1.341	1.046	1.317	1.025	1.318	1.102	1.339	1.063													
FR1 n14_Ant 0 TX0	0.191	0.067	0.326	1.060	1.256	1.250	0.955	1.226	0.934	1.227	1.011	1.248	0.972													
FR1 n25_Ant 0 Sub TX0	0.299	0.067	0.326	1.168	1.364	1.358	1.063	1.334	1.042	1.335	1.119	1.356	1.080													
FR1 n28_Ant 0 Sub TX0	0.210	0.067	0.326	1.079	1.275	1.269	0.974	1.245	0.953	1.246	1.030	1.267	0.991													
FR1 n38_Ant 0 Sub TX0	0.289	0.067	0.326	1.158	1.354	1.348	1.053	1.324	1.032	1.325	1.109	1.346	1.070													
FR1 n41_Ant 0 Sub TX0	0.256	0.067	0.326	1.125	1.321	1.315	1.020	1.291	0.999	1.292	1.076	1.313	1.037													
FR1 n66_Ant 0 Sub TX0	0.301	0.067	0.326	1.170	1.366	1.360	1.065	1.336	1.044	1.337	1.121	1.358	1.082													
FR1 n68_Ant 0 Sub TX0	0.533	0.067	0.326	1.402	1.098	1.092	1.297	1.068	1.276	1.599	1.363	1.590	1.314													
FR1 n77_Ant 0 Sub TX0	0.277	0.067	0.326	1.146	1.342	1.336	1.041	1.312	1.020	1.313	1.097	1.334	1.056													
FR1 n77_IC_Ant 0 TX0	0.162	0.067	0.326	1.031	1.227	1.221	0.926	1.197	0.905	1.198	0.982	1.219	0.943													

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 5 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3(3)	1.348	40.0	-245.8	-173.4	83.8	1.67	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.326	14.9	-325.8	-174.2				



<Case 324>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0													1													2													9													10													11													12													13													14													15													16													17													18																																																																																																							
	WWAN SAR	WLAN2.4GHz Ant 4+3												WLAN5/6GHz Ant 4+3												LTE Band 25_Ant 5 Sub TX1												LTE Band 41_Ant 5 Sub TX1												LTE Band 66_Ant 5 Sub TX1												FRI n05_Ant 5 Sub TX1												FRI n08_Ant 5 Sub TX1												FRI n01_Ant 5 Sub TX1												FRI n06_Ant 5 Sub TX1												FRI n06_Ant 5 Sub TX1												FRI n06_Ant 5 Sub TX1												FRI n07_Ant 5 Sub TX1												FRI n07_IC_Ant 5 Sub TX1																																																																																																																		
Right Check	Ig SAR (W/kg)													0.476													0.672													0.666													0.371													0.642													0.390													0.643													0.427													0.664													0.388																																																																																																																																	
														0e+12e9 Summed SAR													0e+12e10 Summed SAR													0e+12e11 Summed SAR													0e+12e12 Summed SAR													0e+12e13 Summed SAR													0e+12e14 Summed SAR													0e+12e15 Summed SAR													0e+12e16 Summed SAR													0e+12e17 Summed SAR													0e+12e18 Summed SAR																																																																																																																																	
GSMA900_Ant 0 TX0	0.384	0.330	0.326	1.516	1.712	1.706	1.411	1.082	1.390	1.653	1.467	1.704	1.428	0.247	0.330	0.326	1.379	1.575	1.569	1.274	1.045	1.263	1.566	1.330	1.567	1.291	0.266	0.330	0.326	1.398	1.594	1.588	1.293	1.064	1.272	1.565	1.349	1.586	1.310	0.286	0.330	0.326	1.418	1.614	1.608	1.313	1.084	1.292	1.585	1.369	1.605	1.330	0.297	0.330	0.326	1.429	1.625	1.619	1.324	1.095	1.303	1.595	1.380	1.617	1.341	0.216	0.330	0.326	1.348	1.544	1.538	1.243	1.014	1.222	1.515	1.299	1.536	1.260	0.253	0.330	0.326	1.385	1.581	1.575	1.280	1.051	1.259	1.552	1.336	1.573	1.297	0.240	0.330	0.326	1.372	1.568	1.562	1.267	1.038	1.246	1.539	1.323	1.560	1.284	0.112	0.330	0.326	1.244	1.440	1.434	1.139	1.010	1.118	1.411	1.195	1.432	1.156	0.182	0.330	0.326	1.314	1.510	1.504	1.209	1.080	1.188	1.481	1.265	1.502	1.226	0.282	0.330	0.326	1.414	1.616	1.610	1.309	1.180	1.288	1.581	1.365	1.602	1.326	0.191	0.330	0.326	1.323	1.513	1.507	1.218	1.049	1.197	1.490	1.274	1.511	1.238	0.299	0.330	0.326	1.431	1.627	1.621	1.326	1.187	1.305	1.598	1.382	1.619	1.343	0.210	0.330	0.326	1.342	1.538	1.532	1.237	1.058	1.216	1.509	1.293	1.530	1.254	0.289	0.330	0.326	1.421	1.617	1.611	1.316	1.187	1.295	1.588	1.372	1.609	1.333	0.256	0.330	0.326	1.388	1.584	1.578	1.283	1.054	1.262	1.569	1.339	1.576	1.300	0.301	0.330	0.326	1.433	1.629	1.623	1.328	1.189	1.307	1.600	1.384	1.621	1.348	0.533	0.330	0.326	1.665	1.861	1.855	1.560	1.031	1.639	1.652	1.616	1.653	1.677	0.277	0.330	0.326	1.469	1.655	1.649	1.364	1.075	1.283	1.580	1.360	1.597	1.321	0.162	0.330	0.326	1.294	1.489	1.484	1.189	1.069	1.168	1.461	1.246	1.482	1.206

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 5 + WLAN2.4G Ant 4+3(3) + WLAN5/6G Ant 4+3(3)	1.417	31.7	-250.5	-171.9	71.2	2.07	0.04	Not required
WLAN2.4G Ant 4+3(4) + WLAN5/6G Ant 4+3(4)	0.656	6.4	-317.0	-173.3				

<Case 325>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0													1													7													9													10													11													12													13													14													15													16													17													18																																																																																																							
	WWAN SAR	WLAN5/6GHz Ant 4+3												Bluetooth Ant 4												LTE Band 25_Ant 5 Sub TX1												LTE Band 41_Ant 5 Sub TX1												LTE Band 66_Ant 5 Sub TX1												FRI n05_Ant 5 Sub TX1												FRI n08_Ant 5 Sub TX1												FRI n01_Ant 5 Sub TX1												FRI n06_Ant 5 Sub TX1												FRI n06_Ant 5 Sub TX1												FRI n06_Ant 5 Sub TX1												FRI n07_Ant 5 Sub TX1												FRI n07_IC_Ant 5 Sub TX1																																																																																																																		
Right Check	Ig SAR (W/kg)													0.476													0.672													0.666													0.371													0.642													0.390													0.643													0.427													0.664													0.388																																																																																																																																	
														0e+12e9 Summed SAR													0e+12e10 Summed SAR													0e+12e11 Summed SAR													0e+12e12 Summed SAR													0e+12e13 Summed SAR													0e+12e14 Summed SAR													0e+12e15 Summed SAR													0e+12e16 Summed SAR													0e+12e17 Summed SAR													0e+12e18 Summed SAR																																																																																																																																	
GSMA900_Ant 0 TX0	0.394	0.326	0.194	1.390	1.576	1.570	1.275	1.046	1.254	1.547	1.321	1.589	1.232	0.247	0.326	0.194	1.243	1.429	1.423	1.139	1.029	1.117	1.410	1.194	1.421	1.155	0.266	0.326	0.194	1.262	1.458	1.452	1.157	1.028	1.126	1.429	1.213	1.450	1.174	0.286	0.326	0.194	1.282	1.478	1.472	1.177	1.048	1.136	1.456	1.233	1.470	1.194	0.297	0.326	0.194	1.293	1.489	1.483	1.188	1.059	1.147	1.469	1.244	1.481	1.205	0.216	0.326	0.194	1.212	1.428	1.422	1.107	1.028	1.106	1.379	1.163	1.400	1.124	0.253	0.326	0.194	1.249	1.465	1.459	1.144	1.015	1.123	1.416	1.200	1.437	1.161	0.240	0.326	0.194	1.236	1.452	1.446	1.131	1.002	1.110	1.403	1.187	1.424	1.148	0.112	0.326	0.194	1.108	1.304	1.298	1.003	0.924	0.982	1.275	1.059	1.296	1.020	0.182	0.326	0.194	1.178	1.374	1.368	1.073	0.944	1.002	1.344	1.092	1.366	1.050	0.282	0.326	0.194	1.278	1.474	1.468	1.173	1.044	1.152	1.465	1.229	1.486	1.180	0.191	0.326	0.194	1.187	1.383	1.377	1.082	1.003	1.061	1.345	1.138	1.375	1.099	0.299	0.326	0.194	1.295	1.481	1.485	1.180	1.061	1.169	1.462	1.246	1.483	1.207	0.210	0.326	0.194	1.206	1.402	1.396	1.101	1.022	1.080	1.373	1.107	1.394	1.118	0.289	0.326	0.194	1.285	1.481	1.475	1.180	1.051	1.159	1.452	1.236	1.473	1.197	0.256	0.326	0.194	1.252	1.448	1.442	1.147	1.018	1.116	1.419	1.203	1.440	1.164	0.301	0.326	0.194	1.297	1.483	1.487	1.192	1.063	1.171	1.464	1.248	1.485	1.209	0.533	0.326	0.194	1.529	1.725	1.719	1.424	1.005	1.400	1.400	1.400	1.717	1.441	0.277	0.326	0.194	1.273	1.469	1.463	1.168	1.039	1.147	1.440	1.224	1.461	1.185	0.162	0.326	0.194	1.158	1.354	1.348	1.053	0.924	0.932	1.325	1.109	1.346	1.070

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 5 + WLAN5/6G Ant 4+3(3)	1.281	31.7	-250.5	-171.9	76.2	1.80	0.03	Not required
WLAN5/6G Ant 4+3(4) + Bluetooth Ant 4	0.520	-6.2	-316.6	-171.5				



<Case 326>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, 0, 1, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18. Rows include GSM850_Ant 0 TX, WCDMA_V_Ant 0 TX, LTE Band 12_Ant 0 TX, etc.

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Row: Max WWAN Ant 0 + Max WWAN Ant 5 + WLAN5/6G Ant 4+3(3) + Bluetooth Ant 3.

<Case 327>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns: Exposure Position, 0, 1, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18. Rows include GSM850_Ant 0 TX, WCDMA_V_Ant 0 TX, LTE Band 12_Ant 0 TX, etc.

Table with columns: Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, Simultaneous SAR. Row: Max WWAN Ant 0 + Max WWAN Ant 5 + WLAN5/6G Ant 4+3(3) + Bluetooth Ant 4+3(3).



<Case 328>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Cheek	1g SAR (W/kg)			0.089	0.188	0.635	0.633
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.476	0.293	0.326	1.184	1.283	1.730	1.728
LTE Band 41_Ant 5 Sub TX1	0.672	0.293	0.326	1.380	1.479	1.926	1.924
LTE Band 66_Ant 5 Sub TX1	0.666	0.293	0.326	1.374	1.473	1.920	1.918
FR1 n25_Ant 5 Sub TX1	0.371	0.293	0.326	1.079	1.178	1.625	1.623
FR1 n38_Ant 5 Sub TX1	0.642	0.293	0.326	1.350	1.449	1.896	1.894
FR1 n41_Ant 5 Sub TX1	0.350	0.293	0.326	1.058	1.157	1.604	1.602
FR1 n48_Ant 5 Sub TX1	0.643	0.293	0.326	1.351	1.450	1.897	1.895
FR1 n66_Ant 5 Sub TX1	0.427	0.293	0.326	1.135	1.234	1.681	1.679
FR1 n77_Ant 5 Sub TX1	0.664	0.293	0.326	1.372	1.471	1.918	1.916
FR1 n77_IC_Ant 5 Sub TX1	0.388	0.293	0.326	1.096	1.195	1.642	1.640

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5 + Max WWAN Ant 6 + WLAN5/6G Ant 4+3(3)	1.383	31.7	-250.5	-171.9	72.1	2.00	0.04	Not required
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3(4)	0.619	4.2	-317.1	-173.0				

<Case 329>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Cheek	1g SAR (W/kg)			0.089	0.188	0.635	0.633
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.476	0.067	0.326	0.958	1.057	1.504	1.502
LTE Band 41_Ant 5 Sub TX1	0.672	0.067	0.326	1.154	1.253	1.700	1.698
LTE Band 66_Ant 5 Sub TX1	0.666	0.067	0.326	1.148	1.247	1.694	1.692
FR1 n25_Ant 5 Sub TX1	0.371	0.067	0.326	0.853	0.952	1.399	1.397
FR1 n38_Ant 5 Sub TX1	0.642	0.067	0.326	1.124	1.223	1.670	1.668
FR1 n41_Ant 5 Sub TX1	0.350	0.067	0.326	0.832	0.931	1.378	1.376
FR1 n48_Ant 5 Sub TX1	0.643	0.067	0.326	1.125	1.224	1.671	1.669
FR1 n66_Ant 5 Sub TX1	0.427	0.067	0.326	0.909	1.008	1.455	1.453
FR1 n77_Ant 5 Sub TX1	0.664	0.067	0.326	1.146	1.245	1.692	1.690
FR1 n77_IC_Ant 5 Sub TX1	0.388	0.067	0.326	0.870	0.969	1.416	1.414

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5 + Max WWAN Ant 6 + WLAN2.4G Ant 3 + WLAN5/6G Ant 4+3(3)	1.450	31.7	-250.5	-171.9	77.2	1.78	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.326	14.9	-325.8	-174.2				



<Case 330>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Cheek	1g SAR (W/kg)			0.089	0.188	0.635	0.633
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.476	0.330	0.326	1.221	1.320	1.767	1.765
LTE Band 41_Ant 5 Sub TX1	0.672	0.330	0.326	1.417	1.516	1.963	1.961
LTE Band 66_Ant 5 Sub TX1	0.666	0.330	0.326	1.411	1.510	1.957	1.955
FR1 n25_Ant 5 Sub TX1	0.371	0.330	0.326	1.116	1.215	1.662	1.660
FR1 n38_Ant 5 Sub TX1	0.642	0.330	0.326	1.387	1.486	1.933	1.931
FR1 n41_Ant 5 Sub TX1	0.350	0.330	0.326	1.095	1.194	1.641	1.639
FR1 n48_Ant 5 Sub TX1	0.643	0.330	0.326	1.388	1.487	1.934	1.932
FR1 n66_Ant 5 Sub TX1	0.427	0.330	0.326	1.172	1.271	1.718	1.716
FR1 n77_Ant 5 Sub TX1	0.664	0.330	0.326	1.409	1.508	1.955	1.953
FR1 n77_IC_Ant 5 Sub TX1	0.388	0.330	0.326	1.133	1.232	1.679	1.677

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5 + Max WWAN Ant 6 + WLAN2.4G Ant 4+3(3)	1.443	31.7	-250.5	-171.9	71.2	2.10	0.04	Not required
WLAN2.4G Ant 4+3(4) + WLAN5/6G Ant 4+3(4)	0.656	6.4	-317.0	-173.3				
Max WWAN Ant 5 + Max WWAN Ant 6 + WLAN5/6G Ant 4+3(3)	1.383	31.7	-250.5	-171.9	71.2	2.04	0.04	Not required
WLAN2.4G Ant 4+3(4) + WLAN5/6G Ant 4+3(4)	0.656	6.4	-317.0	-173.3				
WLAN2.4G Ant 4+3(3)	0.136	36.0	-252.1	-173.5	11.4	0.21	0.01	Not required
WLAN5G Ant 4+3(3)	0.076	46.5	-247.9	-174.5				

<Case 331>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Cheek	1g SAR (W/kg)			0.089	0.188	0.635	0.633
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.476	0.326	0.194	1.085	1.184	1.631	1.629
LTE Band 41_Ant 5 Sub TX1	0.672	0.326	0.194	1.281	1.380	1.827	1.825
LTE Band 66_Ant 5 Sub TX1	0.666	0.326	0.194	1.275	1.374	1.821	1.819
FR1 n25_Ant 5 Sub TX1	0.371	0.326	0.194	0.980	1.079	1.526	1.524
FR1 n38_Ant 5 Sub TX1	0.642	0.326	0.194	1.251	1.350	1.797	1.795
FR1 n41_Ant 5 Sub TX1	0.350	0.326	0.194	0.959	1.058	1.505	1.503
FR1 n48_Ant 5 Sub TX1	0.643	0.326	0.194	1.252	1.351	1.798	1.796
FR1 n66_Ant 5 Sub TX1	0.427	0.326	0.194	1.036	1.135	1.582	1.580
FR1 n77_Ant 5 Sub TX1	0.664	0.326	0.194	1.273	1.372	1.819	1.817
FR1 n77_IC_Ant 5 Sub TX1	0.388	0.326	0.194	0.997	1.096	1.543	1.541

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5 + Max WWAN Ant 6 + WLAN5/6G Ant 4+3(3)	1.383	31.7	-250.5	-171.9	76.2	1.90	0.03	Not required
WLAN5/6G Ant 4+3(4) + Bluetooth Ant 4	0.520	-6.2	-316.6	-171.5				



<Case 332>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Cheek	1g SAR (W/kg)			0.089	0.188	0.635	0.633
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.476	0.326	0.144	1.035	1.134	1.581	1.579
LTE Band 41_Ant 5 Sub TX1	0.672	0.326	0.144	1.231	1.330	1.777	1.775
LTE Band 66_Ant 5 Sub TX1	0.666	0.326	0.144	1.225	1.324	1.771	1.769
FR1 n25_Ant 5 Sub TX1	0.371	0.326	0.144	0.930	1.029	1.476	1.474
FR1 n38_Ant 5 Sub TX1	0.642	0.326	0.144	1.201	1.300	1.747	1.745
FR1 n41_Ant 5 Sub TX1	0.350	0.326	0.144	0.909	1.008	1.455	1.453
FR1 n48_Ant 5 Sub TX1	0.643	0.326	0.144	1.202	1.301	1.748	1.746
FR1 n66_Ant 5 Sub TX1	0.427	0.326	0.144	0.986	1.085	1.532	1.530
FR1 n77_Ant 5 Sub TX1	0.664	0.326	0.144	1.223	1.322	1.769	1.767
FR1 n77_IC_Ant 5 Sub TX1	0.388	0.326	0.144	0.947	1.046	1.493	1.491

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5 + Max WWAN Ant 6 + WLAN5/6G Ant 4+3(3) + Bluetooth Ant 3	1.527	31.7	-250.5	-171.9	77.2	1.85	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.326	14.9	-325.8	-174.2				

<Case 333>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Right Cheek	1g SAR (W/kg)			0.089	0.188	0.635	0.633
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.476	0.326	0.252	1.143	1.242	1.689	1.687
LTE Band 41_Ant 5 Sub TX1	0.672	0.326	0.252	1.339	1.438	1.885	1.883
LTE Band 66_Ant 5 Sub TX1	0.666	0.326	0.252	1.333	1.432	1.879	1.877
FR1 n25_Ant 5 Sub TX1	0.371	0.326	0.252	1.038	1.137	1.584	1.582
FR1 n38_Ant 5 Sub TX1	0.642	0.326	0.252	1.309	1.408	1.855	1.853
FR1 n41_Ant 5 Sub TX1	0.350	0.326	0.252	1.017	1.116	1.563	1.561
FR1 n48_Ant 5 Sub TX1	0.643	0.326	0.252	1.310	1.409	1.856	1.854
FR1 n66_Ant 5 Sub TX1	0.427	0.326	0.252	1.094	1.193	1.640	1.638
FR1 n77_Ant 5 Sub TX1	0.664	0.326	0.252	1.331	1.430	1.877	1.875
FR1 n77_IC_Ant 5 Sub TX1	0.388	0.326	0.252	1.055	1.154	1.601	1.599

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5 + Max WWAN Ant 6 + WLAN5/6G Ant 4+3(3) + Bluetooth Ant 4+3(3)	1.414	31.7	-250.5	-171.9	73.4	1.99	0.04	Not required
WLAN5/6G Ant 4+3(4) + Bluetooth Ant 4+3(4)	0.578	5.2	-318.9	-173.2				



<Case 334>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency (MHz)	Power (W)	Antenna	Position (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
334	Model 1	720	0.828	Ant 1	90.2	0.828	90.2	1.49	0.02	Not required
334	Model 1	720	0.664	Ant 0	90.2	0.664	90.2	1.49	0.02	Not required
334	Model 1	720	0.828	Ant 1	42.2	0.828	42.2	1.50	0.04	Not required
334	Model 1	720	0.671	Ant 4	42.2	0.671	42.2	1.50	0.04	Not required
334	Model 1	720	0.664	Ant 0	134.0	0.664	134.0	1.34	0.01	Not required
334	Model 1	720	0.671	Ant 4	134.0	0.671	134.0	1.34	0.01	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1	0.828	-63.0	45.0	-207.0	90.2	1.49	0.02	Not required
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Max WWAN Ant 1	0.828	-56.2	61.6	-207.0	42.2	1.50	0.04	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	134.0	1.34	0.01	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				

<Case 335>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency (MHz)	Power (W)	Antenna	Position (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
335	Model 1	720	0.664	Ant 0	76.0	0.664	76.0	1.69	0.03	Not required
335	Model 1	720	1.027	Ant 1 + Ant 3	76.0	1.027	76.0	1.69	0.03	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.664	-62.0	-50.0	-207.0	76.0	1.69	0.03	Not required
Max WWAN Ant 1 + Bluetooth Ant 3	1.027	-61.5	26.0	-207.0				

<Case 336>

SPLSR calculation for summation SAR>1.6W/kg

Case	Model	Frequency (MHz)	Power (W)	Antenna	Position (mm)	SAR (W/kg)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
336	Model 1	720	1.536	Ant 1 + Ant 4	73.3	1.536	73.3	2.20	0.04	Not required
336	Model 1	720	0.664	Ant 0	73.3	0.664	73.3	2.20	0.04	Not required

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	73.3	2.20	0.04	Not required
Max WWAN Ant 1 + Bluetooth Ant 4+3	1.536	-62.0	28.0	-207.0				



<Case 337>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Pattern	6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25	
	WLAN Ant 0	Bluetooth Ant 4	5G NR Ant 2 T1	5G NR Ant 2 T2	5G NR Ant 2 T3	5G NR Ant 2 T4	5G NR Ant 2 T5	5G NR Ant 2 T6	5G NR Ant 2 T7	5G NR Ant 2 T8	5G NR Ant 2 T9	5G NR Ant 2 T10	5G NR Ant 2 T11	5G NR Ant 2 T12	5G NR Ant 2 T13	5G NR Ant 2 T14	5G NR Ant 2 T15	5G NR Ant 2 T16	5G NR Ant 2 T17	5G NR Ant 2 T18	5G NR Ant 2 T19	5G NR Ant 2 T20	5G NR Ant 2 T21	5G NR Ant 2 T22	5G NR Ant 2 T23	5G NR Ant 2 T24	5G NR Ant 2 T25	5G NR Ant 2 T26	5G NR Ant 2 T27	5G NR Ant 2 T28	5G NR Ant 2 T29	5G NR Ant 2 T30	5G NR Ant 2 T31	5G NR Ant 2 T32	5G NR Ant 2 T33	5G NR Ant 2 T34	5G NR Ant 2 T35			
Back	1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00			
5G NR Ant 2 T1	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WLAN Ant 0 + Max WLAN Ant 2	1.326	-64.9	-45.2	-207.0	134.0	2.00	0.02	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				

<Case 338>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Pattern	6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25	
	WLAN Ant 0	Bluetooth Ant 4	5G NR Ant 2 T1	5G NR Ant 2 T2	5G NR Ant 2 T3	5G NR Ant 2 T4	5G NR Ant 2 T5	5G NR Ant 2 T6	5G NR Ant 2 T7	5G NR Ant 2 T8	5G NR Ant 2 T9	5G NR Ant 2 T10	5G NR Ant 2 T11	5G NR Ant 2 T12	5G NR Ant 2 T13	5G NR Ant 2 T14	5G NR Ant 2 T15	5G NR Ant 2 T16	5G NR Ant 2 T17	5G NR Ant 2 T18	5G NR Ant 2 T19	5G NR Ant 2 T20	5G NR Ant 2 T21	5G NR Ant 2 T22	5G NR Ant 2 T23	5G NR Ant 2 T24	5G NR Ant 2 T25	5G NR Ant 2 T26	5G NR Ant 2 T27	5G NR Ant 2 T28	5G NR Ant 2 T29	5G NR Ant 2 T30	5G NR Ant 2 T31	5G NR Ant 2 T32	5G NR Ant 2 T33	5G NR Ant 2 T34	5G NR Ant 2 T35			
Back	1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00			
5G NR Ant 2 T1	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WLAN Ant 0 + Max WLAN Ant 2	1.326	-64.9	-45.2	-207.0	73.3	2.03	0.04	Not required
Bluetooth Ant 4+3	0.708	-62.0	28.0	-207.0				



<Case 339>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0		7		9		10		11		12		13		14		15		16		17		18	
	WWAN SAR	Bluetooth Ant 4	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI	FR1 n77_IC_Ant 5 Sub TXI													
Back	1g SAR (W/kg)		0.550	0.590	0.379	0.590	0.516	0.552	0.555	0.101	0.677	0.747												
			0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747												
GSM850_Ant 0 TXI	0.297	0.671	1.518	1.528	1.346	1.558	1.484	1.520	1.623	1.069	1.645	1.715												
WCDMA_V_Ant 0 TXI	0.458	0.671	1.472	1.529	1.507	1.719	1.645	1.794	1.230	1.808	1.878													
LTE Band 12_Ant 0 TXI	0.274	0.671	1.495	1.526	1.323	1.535	1.481	1.487	1.690	1.046	1.622	1.692												
LTE Band 13_Ant 0 TXI	0.338	0.671	1.557	1.567	1.385	1.597	1.523	1.569	1.662	1.108	1.684	1.754												
LTE Band 14_Ant 0 TXI	0.359	0.671	1.580	1.580	1.408	1.620	1.546	1.582	1.655	1.131	1.707	1.777												
LTE Band 25_Ant 0 Sub TXI	0.626	0.671	1.647	1.657	1.675	1.687	1.613	1.649	1.652	1.398	1.914	2.044												
LTE Band 26_IC_Ant 0 TXI	0.460	0.671	1.681	1.691	1.509	1.721	1.647	1.683	1.796	1.232	1.888	1.978												
LTE Band 41_Ant 0 TXI	0.456	0.671	1.677	1.687	1.505	1.717	1.643	1.679	1.762	1.228	1.884	1.874												
LTE Band 66_Ant 0 Sub TXI	0.627	0.671	1.848	1.858	1.676	1.888	1.814	1.850	1.953	1.399	1.975	2.045												
LTE Band 66_Ant 0 Sub TXI	0.626	0.671	1.849	1.859	1.677	1.889	1.815	1.851	1.954	1.400	1.975	2.045												
LTE Band 71_Ant 0 TXI	0.340	0.671	1.561	1.571	1.389	1.601	1.527	1.563	1.656	1.112	1.688	1.758												
FR1 n12_Ant 0 TXI	0.257	0.671	1.478	1.488	1.306	1.518	1.444	1.480	1.583	1.029	1.605	1.675												
FR1 n14_Ant 0 TXI	0.376	0.671	1.537	1.607	1.425	1.637	1.563	1.599	1.702	1.148	1.724	1.794												
FR1 n25_Ant 0 Sub TXI	0.636	0.671	1.857	1.867	1.685	1.897	1.823	1.859	1.962	1.408	1.984	2.054												
FR1 n38_Ant 0 TXI	0.500	0.671	1.721	1.731	1.549	1.761	1.687	1.723	1.826	1.127	1.848	1.918												
FR1 n48_IC_Ant 0 TXI	0.490	0.671	1.711	1.721	1.539	1.751	1.677	1.713	1.816	1.262	1.838	1.908												
FR1 n38_Ant 0 Sub TXI	0.664	0.671	1.885	1.895	1.713	1.925	1.851	1.887	1.990	1.436	2.012	2.082												
FR1 n41_Ant 0 Sub TXI	0.551	0.671	1.772	1.782	1.600	1.812	1.738	1.774	1.877	1.323	1.899	1.969												
FR1 n66_Ant 0 Sub TXI	0.638	0.671	1.859	1.869	1.687	1.899	1.825	1.861	1.964	1.410	1.986	2.056												
FR1 n77_Ant 0 TXI	0.367	0.671	1.588	1.598	1.416	1.628	1.554	1.590	1.693	1.139	1.715	1.785												

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	37.8	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	87.9	1.42	0.02	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	134.0	1.34	0.01	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				

<Case 340>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0		7		9		10		11		12		13		14		15		16		17		18	
	WWAN SAR	Bluetooth Ant 3	LTE Band 25_Ant 5 Sub TXI	LTE Band 41_Ant 5 Sub TXI	LTE Band 66_Ant 5 Sub TXI	FR1 n25_Ant 5 Sub TXI	FR1 n38_Ant 5 Sub TXI	FR1 n41_Ant 5 Sub TXI	FR1 n48_Ant 5 Sub TXI	FR1 n77_Ant 5 Sub TXI	FR1 n77_IC_Ant 5 Sub TXI													
Back	1g SAR (W/kg)		0.550	0.590	0.379	0.590	0.516	0.552	0.555	0.101	0.677	0.747												
			0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747												
GSM850_Ant 0 TXI	0.297	0.199	1.046	1.056	0.874	1.086	1.012	1.048	1.151	0.597	1.173	1.243												
WCDMA_V_Ant 0 TXI	0.458	0.199	1.207	1.217	0.954	1.247	1.173	1.209	1.312	0.758	1.334	1.404												
LTE Band 12_Ant 0 TXI	0.274	0.199	1.023	1.033	0.851	1.063	0.989	1.025	1.128	0.574	1.150	1.220												
LTE Band 13_Ant 0 TXI	0.338	0.199	1.085	1.095	0.913	1.125	1.051	1.087	1.190	0.638	1.212	1.282												
LTE Band 14_Ant 0 TXI	0.359	0.199	1.108	1.118	0.936	1.148	1.074	1.110	1.213	0.659	1.235	1.305												
LTE Band 25_Ant 0 Sub TXI	0.626	0.199	1.375	1.385	1.203	1.415	1.341	1.377	1.480	0.926	1.502	1.572												
LTE Band 26_IC_Ant 0 TXI	0.460	0.199	1.269	1.279	1.097	1.289	1.175	1.211	1.314	0.760	1.336	1.406												
LTE Band 41_Ant 0 TXI	0.456	0.199	1.205	1.215	1.033	1.245	1.171	1.207	1.310	0.756	1.332	1.402												
LTE Band 66_Ant 0 Sub TXI	0.627	0.199	1.376	1.386	1.204	1.416	1.342	1.378	1.481	0.927	1.503	1.573												
LTE Band 66_Ant 0 Sub TXI	0.626	0.199	1.377	1.387	1.205	1.417	1.343	1.379	1.482	0.928	1.504	1.574												
LTE Band 71_Ant 0 TXI	0.340	0.199	1.089	1.099	0.917	1.129	1.055	1.091	1.194	0.640	1.216	1.286												
FR1 n12_Ant 0 TXI	0.257	0.199	1.006	1.016	0.834	1.046	0.972	1.008	1.111	0.557	1.133	1.203												
FR1 n14_Ant 0 TXI	0.376	0.199	1.125	1.135	0.953	1.165	1.091	1.127	1.230	0.676	1.252	1.322												
FR1 n25_Ant 0 Sub TXI	0.636	0.199	1.385	1.395	1.213	1.425	1.351	1.387	1.490	0.936	1.512	1.582												
FR1 n38_Ant 0 TXI	0.500	0.199	1.249	1.259	1.077	1.289	1.215	1.251	1.354	0.800	1.376	1.446												
FR1 n48_IC_Ant 0 TXI	0.490	0.199	1.239	1.249	1.067	1.279	1.205	1.241	1.344	0.790	1.366	1.436												
FR1 n38_Ant 0 Sub TXI	0.664	0.199	1.423	1.433	1.241	1.453	1.379	1.415	1.518	0.964	1.540	1.610												
FR1 n41_Ant 0 Sub TXI	0.551	0.199	1.300	1.310	1.128	1.340	1.266	1.302	1.405	0.851	1.427	1.497												
FR1 n66_Ant 0 Sub TXI	0.638	0.199	1.387	1.397	1.215	1.427	1.353	1.389	1.492	0.938	1.514	1.584												
FR1 n77_Ant 0 TXI	0.367	0.199	1.116	1.126	0.944	1.156	1.082	1.118	1.221	0.667	1.243	1.313												

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-57.0	0.0	-207.0	50.2	1.41	0.03	Not required
Max WWAN Ant 0	0.664	-62.0	-50.0	-207.0				
Max WWAN Ant 5	0.747	-57.0	0.0	-207.0	26.4	0.95	0.03	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 0	0.664	-62.0	-50.0	-207.0	76.0	0.86	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				



<Case 341>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1	FR1 n77_IC_Ant 5 Sub TX1
Back	1g SAR (W/kg)											
			0.550 0.747 Summed SAR	0.590 0.749 Summed SAR	0.379 0.711 Summed SAR	0.590 0.712 Summed SAR	0.515 0.713 Summed SAR	0.552 0.714 Summed SAR	0.555 0.715 Summed SAR	0.101 0.716 Summed SAR	0.677 0.717 Summed SAR	0.747 0.718 Summed SAR
GSM850_Ant 0 TX1	0.297	0.708	1.555	1.565	1.383	1.595	1.521	1.507	1.660	1.106	1.682	1.752
WCDMA_V_Ant 0 TX1	0.458	0.708	1.716	1.726	1.544	1.798	1.692	1.718	1.821	1.267	1.843	1.913
LTE Band 12_Ant 0 TX1	0.274	0.708	1.532	1.542	1.360	1.572	1.498	1.534	1.637	1.093	1.659	1.729
LTE Band 13_Ant 0 TX1	0.338	0.708	1.594	1.604	1.422	1.634	1.580	1.596	1.699	1.145	1.721	1.791
LTE Band 14_Ant 0 TX1	0.359	0.708	1.617	1.627	1.445	1.657	1.583	1.619	1.722	1.168	1.744	1.814
LTE Band 25_Ant 0 Sub TX1	0.626	0.708	1.884	1.894	1.712	1.924	1.850	1.866	1.969	1.435	2.011	2.081
LTE Band 26_Ant 0 TX1	0.460	0.708	1.718	1.728	1.546	1.798	1.692	1.728	1.831	1.269	1.845	1.915
LTE Band 41_IC_Ant 0 TX1	0.456	0.708	1.714	1.724	1.542	1.754	1.680	1.716	1.819	1.265	1.841	1.911
LTE Band 66_Ant 0 Sub TX1	0.627	0.708	1.885	1.895	1.713	1.925	1.851	1.867	1.990	1.436	2.012	2.082
LTE Band 66_IC_Ant 0 Sub TX1	0.628	0.708	1.886	1.896	1.714	1.926	1.852	1.868	1.991	1.437	2.013	2.083
LTE Band 71_Ant 0 TX1	0.340	0.708	1.538	1.548	1.426	1.638	1.584	1.600	1.703	1.149	1.725	1.795
FR1 n12_Ant 0 TX1	0.257	0.708	1.515	1.525	1.343	1.555	1.481	1.517	1.620	1.066	1.642	1.712
FR1 n14_Ant 0 TX1	0.376	0.708	1.634	1.644	1.462	1.674	1.600	1.636	1.739	1.185	1.761	1.831
FR1 n25_Ant 0 Sub TX1	0.636	0.708	1.894	1.904	1.722	1.934	1.860	1.896	1.999	1.445	2.021	2.091
FR1 n38_Ant 0 TX1	0.500	0.708	1.758	1.768	1.586	1.798	1.724	1.760	1.863	1.309	1.865	1.935
FR1 n48_IC_Ant 0 TX1	0.490	0.708	1.748	1.758	1.576	1.788	1.714	1.750	1.853	1.299	1.875	1.945
FR1 n66_Ant 0 Sub TX1	0.664	0.708	1.922	1.932	1.750	1.962	1.888	1.924	2.027	1.473	2.049	2.119
FR1 n77_Ant 0 Sub TX1	0.551	0.708	1.809	1.819	1.637	1.849	1.775	1.811	1.914	1.360	1.936	2.006
FR1 n66_IC_Ant 0 Sub TX1	0.638	0.708	1.896	1.906	1.724	1.936	1.862	1.898	2.001	1.447	2.023	2.093
FR1 n77_IC_Ant 0 TX1	0.367	0.708	1.623	1.633	1.453	1.665	1.591	1.627	1.730	1.176	1.752	1.822

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0	37.8	1.41	0.04	Not required
Max WWAN Ant 0	0.664	-64.0	-48.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0	86.5	1.46	0.02	Not required
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0				
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0	132.7	1.37	0.01	Not required
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0				
Max WWAN Ant 0	0.664	-64.9	-45.2	-207.0				
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0	73.3	0.89	0.01	Not required
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0				
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				



<Case 342>

SPLSR calculation for summation SAR>1.6W/kg

Table with 28 columns for E1-E28 and 28 rows for various frequency bands (e.g., GSM-R, GSM, UHF, etc.)

Table with 28 columns for E1-E28 and 28 rows for various frequency bands (e.g., GSM-R, GSM, UHF, etc.)



FCC SAR TEST REPORT

Report No. :FA4N0920C

<Case 344>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20			
	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR		
Back	%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%			
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

Exposure Position	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20			
	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR	Wave No.	Summation SAR		
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000



<Case 345>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
GSM850_Ant 1 TX1	0.664	0.671	1.943	2.124	1.811	2.008
GSM1900_Ant 1 TX1	0.238	0.671	1.517	1.698	1.385	1.582
WCDMA II_Ant 1 TX1	0.828	0.671	2.107	2.288	1.975	2.172
WCDMA IV_Ant 1 TX1	0.212	0.671	1.491	1.672	1.359	1.556
WCDMA V_Ant 1 TX1	0.307	0.671	1.586	1.767	1.454	1.651
LTE Band 7_Ant 1 TX1	0.786	0.671	2.065	2.246	1.933	2.130
LTE Band 12_Ant 1 TX1	0.297	0.671	1.576	1.757	1.444	1.641
LTE Band 13_Ant 1 TX1	0.393	0.671	1.672	1.853	1.540	1.737
LTE Band 14_Ant 1 TX1	0.362	0.671	1.641	1.822	1.509	1.706
LTE Band 25_Ant 1 TX1	0.785	0.671	2.064	2.245	1.932	2.129
LTE Band 26_Ant 1 TX1	0.289	0.671	1.568	1.749	1.436	1.633
LTE Band 26_IC_Ant 1 TX1	0.322	0.671	1.601	1.782	1.469	1.666
LTE Band 30_Ant 1 TX1	0.402	0.671	1.681	1.862	1.549	1.746
LTE Band 41_Ant 1 TX1	0.775	0.671	2.054	2.235	1.922	2.119
LTE Band 48_Ant 1 TX1	0.552	0.671	1.831	2.012	1.699	1.896
LTE Band 66_Ant 1 TX1	0.164	0.671	1.443	1.624	1.311	1.508
FR1 n7_Ant 1 TX1	0.784	0.671	2.063	2.244	1.931	2.128
FR1 n12_Ant 1 TX1	0.309	0.671	1.588	1.769	1.456	1.653
FR1 n14_Ant 1 TX1	0.365	0.671	1.644	1.825	1.512	1.709
FR1 n25_Ant 1 TX1	0.595	0.671	1.874	2.055	1.742	1.939
FR1 n26_Ant 1 TX1	0.302	0.671	1.581	1.762	1.449	1.646
FR1 n26_IC_Ant 1 TX1	0.335	0.671	1.614	1.795	1.482	1.679
FR1 n30_Ant 1 TX1	0.819	0.671	2.098	2.279	1.966	2.163
FR1 n38_Ant 1 TX1	0.664	0.671	1.943	2.124	1.811	2.008
FR1 n41_Ant 1 TX1	0.668	0.671	1.947	2.128	1.815	2.012
FR1 n48_Ant 1 TX1	0.735	0.671	2.014	2.195	1.882	2.079
FR1 n66_Ant 1 TX1	0.281	0.671	1.560	1.741	1.428	1.625
FR1 n70_Ant 1 TX1	0.186	0.671	1.465	1.646	1.333	1.530
FR1 n71_Ant 1 TX1	0.277	0.671	1.556	1.737	1.424	1.621
FR1 n77_Ant 1 TX1	0.406	0.671	1.685	1.866	1.553	1.750
FR1 n77_IC_Ant 1 TX1	0.680	0.671	1.959	2.140	1.827	2.024

SAR peak location (mm)			X (axis)	-18.5	-52.5	-59.5	-50.5	-66	
			Y (axis)	80.5	-78	-55	-72.5	-53	
			Z (axis)	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12
				WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
			Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
						0+7+9 SPLSR Results	0+7+10 SPLSR Results	0+7+11 SPLSR Results	0+7+12 SPLSR Results
56.2	61.6	-207	GSM850_Ant 1 TX1	0.664	0.671	0.02	0.03	0.02	0.02
63.7	57.5	-207	GSM1900_Ant 1 TX1	0.238	0.671		0.02		
66.6	63.1	-207	WCDMA II_Ant 1 TX1	0.828	0.671	0.02	0.02	0.02	0.03
69.4	60.7	-207	WCDMA IV_Ant 1 TX1	0.212	0.671		0.02		
57.7	59.8	-207	WCDMA V_Ant 1 TX1	0.307	0.671		0.02		0.02
64.5	57	-207	LTE Band 7_Ant 1 TX1	0.786	0.671	0.02	0.03	0.02	0.03
56.5	55.3	-207	LTE Band 12_Ant 1 TX1	0.297	0.671		0.02		0.02
55.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.393	0.671	0.02	0.02		0.02
53.8	55.3	-207	LTE Band 14_Ant 1 TX1	0.362	0.671	0.02	0.02		0.02
66.9	62.5	-207	LTE Band 25_Ant 1 TX1	0.785	0.671	0.02	0.03	0.02	0.03
56.5	61.3	-207	LTE Band 26_Ant 1 TX1	0.289	0.671		0.02		0.02
56.5	61.3	-207	LTE Band 26_IC_Ant 1 TX1	0.322	0.671	0.01	0.02		0.02
58.5	60.5	-207	LTE Band 30_Ant 1 TX1	0.402	0.671	0.02	0.02		0.02
59	59	-207	LTE Band 41_Ant 1 TX1	0.775	0.671	0.02	0.03	0.02	0.03
63.5	52	-207	LTE Band 48_Ant 1 TX1	0.552	0.671	0.02	0.03	0.02	0.02
64.4	58.6	-207	LTE Band 66_Ant 1 TX1	0.164	0.671		0.02		
63	55.5	-207	FR1 n7_Ant 1 TX1	0.784	0.671	0.02	0.03	0.02	0.03
60.1	57.6	-207	FR1 n12_Ant 1 TX1	0.309	0.671		0.02		0.02
55.4	58.1	-207	FR1 n14_Ant 1 TX1	0.365	0.671	0.02	0.02		0.02
66.4	65.3	-207	FR1 n25_Ant 1 TX1	0.595	0.671	0.02	0.02	0.02	0.02
57.6	60.6	-207	FR1 n26_Ant 1 TX1	0.302	0.671		0.02		0.02
57.6	60.6	-207	FR1 n26_IC_Ant 1 TX1	0.335	0.671	0.01	0.02		0.02
64.5	64.5	-207	FR1 n30_Ant 1 TX1	0.819	0.671	0.02	0.03	0.02	0.03
64	56.5	-207	FR1 n38_Ant 1 TX1	0.664	0.671	0.02	0.03	0.02	0.03
64.5	57	-207	FR1 n41_Ant 1 TX1	0.668	0.671	0.02	0.03	0.02	0.03
63	45	-207	FR1 n48_Ant 1 TX1	0.735	0.671	0.02	0.03	0.02	0.03
65.4	58.6	-207	FR1 n66_Ant 1 TX1	0.281	0.671		0.02		0.02
64.9	58.1	-207	FR1 n70_Ant 1 TX1	0.186	0.671		0.02		
60.6	58.1	-207	FR1 n71_Ant 1 TX1	0.277	0.671		0.02		0.02
62	51	-207	FR1 n77_Ant 1 TX1	0.406	0.671	0.02	0.02		0.02
66	49	-207	FR1 n77_IC_Ant 1 TX1	0.680	0.671	0.02	0.03	0.02	0.03



<Case 346>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
GSM850_Ant 1 TX1	0.664	0.199	1.471	1.652	1.339	1.536
GSM1900_Ant 1 TX1	0.238	0.199	1.045	1.226	0.913	1.110
WCDMA II_Ant 1 TX1	0.828	0.199	1.635	1.816	1.503	1.700
WCDMA IV_Ant 1 TX1	0.212	0.199	1.019	1.200	0.887	1.084
WCDMA V_Ant 1 TX1	0.307	0.199	1.114	1.295	0.982	1.179
LTE Band 7_Ant 1 TX1	0.786	0.199	1.593	1.774	1.461	1.658
LTE Band 12_Ant 1 TX1	0.297	0.199	1.104	1.285	0.972	1.169
LTE Band 13_Ant 1 TX1	0.393	0.199	1.200	1.381	1.068	1.265
LTE Band 14_Ant 1 TX1	0.362	0.199	1.169	1.350	1.037	1.234
LTE Band 25_Ant 1 TX1	0.785	0.199	1.592	1.773	1.460	1.657
LTE Band 26_Ant 1 TX1	0.289	0.199	1.096	1.277	0.964	1.161
LTE Band 26_IC_Ant 1 TX1	0.322	0.199	1.129	1.310	0.997	1.194
LTE Band 30_Ant 1 TX1	0.402	0.199	1.209	1.390	1.077	1.274
LTE Band 41_Ant 1 TX1	0.775	0.199	1.582	1.763	1.450	1.647
LTE Band 48_Ant 1 TX1	0.552	0.199	1.359	1.540	1.227	1.424
LTE Band 66_Ant 1 TX1	0.164	0.199	0.971	1.152	0.839	1.036
FR1 n7_Ant 1 TX1	0.784	0.199	1.591	1.772	1.459	1.656
FR1 n12_Ant 1 TX1	0.309	0.199	1.116	1.297	0.984	1.181
FR1 n14_Ant 1 TX1	0.365	0.199	1.172	1.353	1.040	1.237
FR1 n25_Ant 1 TX1	0.595	0.199	1.402	1.583	1.270	1.467
FR1 n26_Ant 1 TX1	0.302	0.199	1.109	1.290	0.977	1.174
FR1 n26_IC_Ant 1 TX1	0.335	0.199	1.142	1.323	1.010	1.207
FR1 n30_Ant 1 TX1	0.819	0.199	1.626	1.807	1.494	1.691
FR1 n38_Ant 1 TX1	0.664	0.199	1.471	1.652	1.339	1.536
FR1 n41_Ant 1 TX1	0.668	0.199	1.475	1.656	1.343	1.540
FR1 n48_Ant 1 TX1	0.735	0.199	1.542	1.723	1.410	1.607
FR1 n66_Ant 1 TX1	0.281	0.199	1.088	1.269	0.956	1.153
FR1 n70_Ant 1 TX1	0.186	0.199	0.993	1.174	0.861	1.058
FR1 n71_Ant 1 TX1	0.277	0.199	1.084	1.265	0.952	1.149
FR1 n77_Ant 1 TX1	0.406	0.199	1.213	1.394	1.081	1.278
FR1 n77_IC_Ant 1 TX1	0.680	0.199	1.487	1.668	1.355	1.552

SAR peak location (mm)			X (axis)	-61.5	-52.5	-59.5	-50.5	-66	
			Y (axis)	-26	-78	-55	-72.5	-53	
			Z (axis)	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12
				WWAN SAR	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
			Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
						0+7+9 SPLSR Results	0+7+10 SPLSR Results	0+7+11 SPLSR Results	0+7+12 SPLSR Results
56.2	61.6	-207	GSM850_Ant 1 TX1	0.664	0.199				
57.5	57.5	-207	GSM1900_Ant 1 TX1	0.238	0.199				
63.1	63.1	-207	WCDMA II_Ant 1 TX1	0.828	0.199	0.02	0.03		0.03
60.7	60.7	-207	WCDMA IV_Ant 1 TX1	0.212	0.199				
59.8	59.8	-207	WCDMA V_Ant 1 TX1	0.307	0.199				
57	57	-207	LTE Band 7_Ant 1 TX1	0.786	0.199		0.03		0.03
55.3	55.3	-207	LTE Band 12_Ant 1 TX1	0.297	0.199				
55.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.393	0.199				
55.3	55.3	-207	LTE Band 14_Ant 1 TX1	0.362	0.199				
62.5	62.5	-207	LTE Band 25_Ant 1 TX1	0.785	0.199		0.03		0.03
61.3	61.3	-207	LTE Band 26_Ant 1 TX1	0.289	0.199				
61.3	61.3	-207	LTE Band 26_IC_Ant 1 TX1	0.322	0.199				
60.5	60.5	-207	LTE Band 30_Ant 1 TX1	0.402	0.199				
59	59	-207	LTE Band 41_Ant 1 TX1	0.775	0.199		0.03		0.03
52	52	-207	LTE Band 48_Ant 1 TX1	0.552	0.199				
58.6	58.6	-207	LTE Band 66_Ant 1 TX1	0.164	0.199				
55.5	55.5	-207	FR1 n7_Ant 1 TX1	0.784	0.199		0.03		0.03
57.6	57.6	-207	FR1 n12_Ant 1 TX1	0.309	0.199				
58.1	58.1	-207	FR1 n14_Ant 1 TX1	0.365	0.199				
65.3	65.3	-207	FR1 n25_Ant 1 TX1	0.595	0.199				
60.6	60.6	-207	FR1 n26_Ant 1 TX1	0.302	0.199				
60.6	60.6	-207	FR1 n26_IC_Ant 1 TX1	0.335	0.199				
64.5	64.5	-207	FR1 n30_Ant 1 TX1	0.819	0.199	0.02	0.03		0.03
56.5	56.5	-207	FR1 n38_Ant 1 TX1	0.664	0.199		0.03		
57	57	-207	FR1 n41_Ant 1 TX1	0.668	0.199		0.03		
45	45	-207	FR1 n48_Ant 1 TX1	0.735	0.199		0.03		0.03
58.6	58.6	-207	FR1 n66_Ant 1 TX1	0.281	0.199				
58.1	58.1	-207	FR1 n70_Ant 1 TX1	0.186	0.199				
58.1	58.1	-207	FR1 n71_Ant 1 TX1	0.277	0.199				
51	51	-207	FR1 n77_Ant 1 TX1	0.406	0.199				
49	49	-207	FR1 n77_IC_Ant 1 TX1	0.680	0.199		0.03		



<Case 347>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
GSM850_Ant 1 TX1	0.664	0.708	1.980	2.161	1.848	2.045
GSM1900_Ant 1 TX1	0.238	0.708	1.554	1.735	1.422	1.619
WCDMA II_Ant 1 TX1	0.828	0.708	2.144	2.325	2.012	2.209
WCDMA IV_Ant 1 TX1	0.212	0.708	1.528	1.709	1.396	1.593
WCDMA V_Ant 1 TX1	0.307	0.708	1.623	1.804	1.491	1.688
LTE Band 7_Ant 1 TX1	0.786	0.708	2.102	2.283	1.970	2.167
LTE Band 12_Ant 1 TX1	0.297	0.708	1.613	1.794	1.481	1.678
LTE Band 13_Ant 1 TX1	0.393	0.708	1.709	1.890	1.577	1.774
LTE Band 14_Ant 1 TX1	0.362	0.708	1.678	1.859	1.546	1.743
LTE Band 25_Ant 1 TX1	0.785	0.708	2.101	2.282	1.969	2.166
LTE Band 26_Ant 1 TX1	0.289	0.708	1.605	1.786	1.473	1.670
LTE Band 26_IC_Ant 1 TX1	0.322	0.708	1.638	1.819	1.506	1.703
LTE Band 30_Ant 1 TX1	0.402	0.708	1.718	1.899	1.586	1.783
LTE Band 41_Ant 1 TX1	0.775	0.708	2.091	2.272	1.959	2.156
LTE Band 48_Ant 1 TX1	0.552	0.708	1.868	2.049	1.736	1.933
LTE Band 66_Ant 1 TX1	0.164	0.708	1.480	1.661	1.348	1.545
FR1 n7_Ant 1 TX1	0.784	0.708	2.100	2.281	1.968	2.165
FR1 n12_Ant 1 TX1	0.309	0.708	1.625	1.806	1.493	1.690
FR1 n14_Ant 1 TX1	0.365	0.708	1.681	1.862	1.549	1.746
FR1 n25_Ant 1 TX1	0.595	0.708	1.911	2.092	1.779	1.976
FR1 n26_Ant 1 TX1	0.302	0.708	1.618	1.799	1.486	1.683
FR1 n26_IC_Ant 1 TX1	0.335	0.708	1.651	1.832	1.519	1.716
FR1 n30_Ant 1 TX1	0.819	0.708	2.135	2.316	2.003	2.200
FR1 n38_Ant 1 TX1	0.664	0.708	1.980	2.161	1.848	2.045
FR1 n41_Ant 1 TX1	0.668	0.708	1.984	2.165	1.852	2.049
FR1 n48_Ant 1 TX1	0.735	0.708	2.051	2.232	1.919	2.116
FR1 n66_Ant 1 TX1	0.281	0.708	1.597	1.778	1.465	1.662
FR1 n70_Ant 1 TX1	0.186	0.708	1.502	1.683	1.370	1.567
FR1 n71_Ant 1 TX1	0.277	0.708	1.583	1.774	1.461	1.658
FR1 n77_Ant 1 TX1	0.406	0.708	1.722	1.903	1.590	1.787
FR1 n77_IC_Ant 1 TX1	0.680	0.708	1.996	2.177	1.864	2.061

SAR peak location (mm)			X (axis)	-42	-52.5	-59.5	-50.5	-66	
			Y (axis)	28	-78	-55	-72.5	-53	
			Z (axis)	-207	-207	-207	-207	-207	
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12
				WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
			Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
						0+7+9 SPLSR Results	0+7+10 SPLSR Results	0+7+11 SPLSR Results	0+7+12 SPLSR Results
56.2	61.6	-207	GSM850_Ant 1 TX1	0.664	0.708	0.03	0.04	0.02	0.04
-63.7	57.5	-207	GSM1900_Ant 1 TX1	0.238	0.708		0.03		0.03
-66.6	63.1	-207	WCDMA II_Ant 1 TX1	0.828	0.708	0.03	0.04	0.03	0.04
-69.4	60.7	-207	WCDMA IV_Ant 1 TX1	0.212	0.708		0.03		
-57.7	59.8	-207	WCDMA V_Ant 1 TX1	0.307	0.708	0.02	0.03		0.03
-64.5	57	-207	LTE Band 7_Ant 1 TX1	0.786	0.708	0.03	0.04	0.03	0.04
-56.5	55.3	-207	LTE Band 12_Ant 1 TX1	0.297	0.708	0.02	0.03		0.03
-55.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.393	0.708	0.02	0.03		0.03
-53.8	55.3	-207	LTE Band 14_Ant 1 TX1	0.362	0.708	0.02	0.03		0.03
-66.9	62.5	-207	LTE Band 25_Ant 1 TX1	0.785	0.708	0.03	0.04	0.03	0.04
-56.5	61.3	-207	LTE Band 26_Ant 1 TX1	0.289	0.708	0.02	0.03		0.03
-56.5	61.3	-207	LTE Band 26_IC_Ant 1 TX1	0.322	0.708	0.02	0.03		0.03
-58.5	60.5	-207	LTE Band 30_Ant 1 TX1	0.402	0.708	0.02	0.03		0.03
-59	59	-207	LTE Band 41_Ant 1 TX1	0.775	0.708	0.03	0.04	0.03	0.04
-63.5	52	-207	LTE Band 48_Ant 1 TX1	0.552	0.708	0.02	0.04	0.02	0.03
-64.4	58.6	-207	LTE Band 66_Ant 1 TX1	0.164	0.708		0.03		
-63	55.5	-207	FR1 n7_Ant 1 TX1	0.784	0.708	0.03	0.04	0.03	0.04
-60.1	57.6	-207	FR1 n12_Ant 1 TX1	0.309	0.708	0.02	0.03		0.03
-55.4	58.1	-207	FR1 n14_Ant 1 TX1	0.365	0.708	0.02	0.03		0.03
-66.4	65.3	-207	FR1 n25_Ant 1 TX1	0.595	0.708	0.02	0.04	0.02	0.03
-57.6	60.6	-207	FR1 n26_Ant 1 TX1	0.302	0.708	0.02	0.03		0.03
-57.6	60.6	-207	FR1 n26_IC_Ant 1 TX1	0.335	0.708	0.02	0.03		0.03
-66.5	64.5	-207	FR1 n30_Ant 1 TX1	0.819	0.708	0.03	0.04	0.03	0.04
-64	56.5	-207	FR1 n38_Ant 1 TX1	0.664	0.708	0.03	0.04	0.02	0.04
-64.5	57	-207	FR1 n41_Ant 1 TX1	0.668	0.708	0.03	0.04	0.02	0.04
-63	45	-207	FR1 n48_Ant 1 TX1	0.735	0.708	0.03	0.04	0.03	0.04
-65.4	58.6	-207	FR1 n66_Ant 1 TX1	0.281	0.708	0.02	0.03		0.03
-64.9	58.1	-207	FR1 n70_Ant 1 TX1	0.186	0.708		0.03		
-60.6	58.1	-207	FR1 n71_Ant 1 TX1	0.277	0.708		0.03		0.03
-62	51	-207	FR1 n77_Ant 1 TX1	0.406	0.708	0.02	0.03		0.03
-66	49	-207	FR1 n77_IC_Ant 1 TX1	0.680	0.708	0.03	0.04	0.03	0.04



<Case 348>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, SAR (W/kg) for various bands (0-18), and Summed SAR. Rows include GSM1900, WCDMA, LTE, and FR1 bands.

Table with columns for SAR peak location (mm) X, Y, Z and SAR (W/kg) for various bands. Rows include GSM1900, WCDMA, LTE, and FR1 bands.

<Case 349>

SPLSR calculation for summation SAR>1.6W/kg

Table with columns for Exposure Position, SAR (W/kg) for various bands (0-18), and Summed SAR. Rows include GSM1900, WCDMA, LTE, and FR1 bands.

Table with columns for Combination, SAR, SAR peak location (mm) X, Y, Z, 3D distance (mm), Summed SAR (W/kg), SPLSR Results, and Simultaneous SAR.



<Case 350>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12	13	14	15	16	17	18
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 25_Ant 5 Sub TX1	LTE Band 41_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n38_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1	FR1 n77_IC_Ant 5 Sub TX1
Back	1g SAR (W/kg)		0.550	0.590	0.379	0.590	0.515	0.552	0.555	0.101	0.677	0.747
			0.779	0.779	0.711	0.712	0.713	0.714	0.715	0.716	0.717	0.718
			Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR
GSM1900_Ant 2 TX1	0.653	0.708	1.911	1.923	1.739	1.951	1.877	1.913	2.016	1.462	2.038	2.108
WCDMA II_Ant 2 TX1	0.628	0.708	1.890	1.900	1.714	1.928	1.852	1.888	1.991	1.437	2.013	2.083
WCDMA IV_Ant 2 TX1	0.652	0.708	1.910	1.920	1.728	1.950	1.876	1.912	2.015	1.461	2.037	2.107
LTE Band 7_Ant 2 TX1	0.622	0.708	1.880	1.890	1.700	1.920	1.846	1.882	1.985	1.431	2.007	2.077
LTE Band 25_Ant 2 TX1	0.647	0.708	1.905	1.915	1.723	1.945	1.871	1.907	2.010	1.456	2.032	2.102
LTE Band 30_Ant 2 TX1	0.618	0.708	1.876	1.886	1.704	1.916	1.842	1.878	1.981	1.427	2.008	2.078
LTE Band 41_Ant 2 TX1	0.613	0.708	1.871	1.881	1.689	1.911	1.837	1.873	1.976	1.422	1.998	2.068
LTE Band 66_Ant 2 TX1	0.662	0.708	1.920	1.930	1.748	1.960	1.886	1.922	2.025	1.471	2.047	2.117
FR1 n25_Ant 2 TX1	0.627	0.708	1.885	1.895	1.713	1.925	1.851	1.887	1.990	1.436	2.012	2.082
FR1 n38_Ant 2 TX1	0.650	0.708	1.908	1.918	1.726	1.948	1.874	1.910	2.013	1.459	2.035	2.105
FR1 n41_Ant 2 TX1	0.644	0.708	1.902	1.912	1.720	1.942	1.868	1.904	2.007	1.453	2.029	2.099
FR1 n48_Ant 2 TX1	0.551	0.708	1.809	1.819	1.637	1.849	1.775	1.811	1.914	1.360	1.936	2.006
FR1 n66_Ant 2 TX1	0.652	0.708	1.910	1.920	1.738	1.950	1.876	1.912	2.015	1.461	2.037	2.107
FR1 n77_Ant 2 Sub TX1	0.624	0.708	1.882	1.892	1.710	1.922	1.848	1.884	1.987	1.433	2.009	2.079
FR1 n25_Ant 2 TX1	0.628	0.708	1.886	1.896	1.714	1.926	1.852	1.888	1.991	1.437	2.013	2.083
FR1 n38_Ant 2 TX1	0.611	0.708	1.869	1.879	1.687	1.909	1.835	1.871	1.974	1.420	1.996	2.066
FR1 n41_Ant 2 Sub TX1	0.554	0.708	1.812	1.822	1.640	1.852	1.778	1.814	1.917	1.363	1.939	2.009
FR1 n77_IC_Ant 2 Sub TX1	0.620	0.708	1.878	1.888	1.706	1.918	1.844	1.880	1.983	1.429	2.005	2.075

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 5	0.747	-56.0	-11.0	-207.0	72.1	1.41	0.02	Not required
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	86.5	1.46	0.02	Not required
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	26.3	0.98	0.04	Not required
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				
Max WWAN Ant 2	0.662	-19.0	-76.0	-207.0	155.5	1.37	0.01	Not required
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0				
Max WWAN Ant 2	0.662	-27.0	-77.0	-207.0	110.7	0.89	0.01	Not required
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0	66.8	0.94	0.01	Not required
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				



<Case 351>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.671	1.932	2.113	1.800	1.997
WCDMA II_Ant 2 TX0	0.628	0.671	1.907	2.088	1.775	1.972
WCDMA IV_Ant 2 TX0	0.652	0.671	1.931	2.112	1.799	1.996
LTE Band 7_Ant 2 TX0	0.622	0.671	1.901	2.082	1.769	1.966
LTE Band 25_Ant 2 TX0	0.647	0.671	1.926	2.107	1.794	1.991
LTE Band 30_Ant 2 TX0	0.618	0.671	1.897	2.078	1.765	1.962
LTE Band 41_Ant 2 TX0	0.613	0.671	1.892	2.073	1.760	1.957
LTE Band 66_Ant 2 TX0	0.662	0.671	1.941	2.122	1.809	2.006
FR1 n7_Ant 2 TX0	0.627	0.671	1.906	2.087	1.774	1.971
FR1 n25_Ant 2 TX0	0.650	0.671	1.929	2.110	1.797	1.994
FR1 n30_Ant 2 TX0	0.644	0.671	1.923	2.104	1.791	1.988
FR1 n38_Ant 2 TX0	0.551	0.671	1.830	2.011	1.698	1.895
FR1 n41_Ant 2 TX0	0.652	0.671	1.931	2.112	1.799	1.996
FR1 n48_Ant 2 Sub TX0	0.624	0.671	1.903	2.084	1.771	1.968
FR1 n66_Ant 2 TX0	0.628	0.671	1.907	2.088	1.775	1.972
FR1 n70_Ant 2 TX0	0.611	0.671	1.890	2.071	1.758	1.955
FR1 n77_Ant 2 Sub TX0	0.554	0.671	1.833	2.014	1.701	1.898
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.671	1.899	2.080	1.767	1.964

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-59.0	-55.0	-207.0	141.4	2.12	0.02	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				



<Case 352>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.199	1.460	1.641	1.328	1.525
WCDMA II_Ant 2 TX0	0.628	0.199	1.435	1.616	1.303	1.500
WCDMA IV_Ant 2 TX0	0.652	0.199	1.459	1.640	1.327	1.524
LTE Band 7_Ant 2 TX0	0.622	0.199	1.429	1.610	1.297	1.494
LTE Band 25_Ant 2 TX0	0.647	0.199	1.454	1.635	1.322	1.519
LTE Band 30_Ant 2 TX0	0.618	0.199	1.425	1.606	1.293	1.490
LTE Band 41_Ant 2 TX0	0.613	0.199	1.420	1.601	1.288	1.485
LTE Band 66_Ant 2 TX0	0.662	0.199	1.469	1.650	1.337	1.534
FR1 n7_Ant 2 TX0	0.627	0.199	1.434	1.615	1.302	1.499
FR1 n25_Ant 2 TX0	0.650	0.199	1.457	1.638	1.325	1.522
FR1 n30_Ant 2 TX0	0.644	0.199	1.451	1.632	1.319	1.516
FR1 n38_Ant 2 TX0	0.551	0.199	1.358	1.539	1.226	1.423
FR1 n41_Ant 2 TX0	0.652	0.199	1.459	1.640	1.327	1.524
FR1 n48_Ant 2 Sub TX0	0.624	0.199	1.431	1.612	1.299	1.496
FR1 n66_Ant 2 TX0	0.628	0.199	1.435	1.616	1.303	1.500
FR1 n70_Ant 2 TX0	0.611	0.199	1.418	1.599	1.286	1.483
FR1 n77_Ant 2 Sub TX0	0.554	0.199	1.361	1.542	1.229	1.426
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.199	1.427	1.608	1.295	1.492

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-59.0	-55.0	-207.0	81.0	1.65	0.03	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				



<Case 353>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
GSM1900_Ant 2 TX0	0.653	0.708	1.969	2.150	1.837	2.034
WCDMA II_Ant 2 TX0	0.628	0.708	1.944	2.125	1.812	2.009
WCDMA IV_Ant 2 TX0	0.652	0.708	1.968	2.149	1.836	2.033
LTE Band 7_Ant 2 TX0	0.622	0.708	1.938	2.119	1.806	2.003
LTE Band 25_Ant 2 TX0	0.647	0.708	1.963	2.144	1.831	2.028
LTE Band 30_Ant 2 TX0	0.618	0.708	1.934	2.115	1.802	1.999
LTE Band 41_Ant 2 TX0	0.613	0.708	1.929	2.110	1.797	1.994
LTE Band 66_Ant 2 TX0	0.662	0.708	1.978	2.159	1.846	2.043
FR1 n7_Ant 2 TX0	0.627	0.708	1.943	2.124	1.811	2.008
FR1 n25_Ant 2 TX0	0.650	0.708	1.966	2.147	1.834	2.031
FR1 n30_Ant 2 TX0	0.644	0.708	1.960	2.141	1.828	2.025
FR1 n38_Ant 2 TX0	0.551	0.708	1.867	2.048	1.735	1.932
FR1 n41_Ant 2 TX0	0.652	0.708	1.968	2.149	1.836	2.033
FR1 n48_Ant 2 Sub TX0	0.624	0.708	1.940	2.121	1.808	2.005
FR1 n66_Ant 2 TX0	0.628	0.708	1.944	2.125	1.812	2.009
FR1 n70_Ant 2 TX0	0.611	0.708	1.927	2.108	1.795	1.992
FR1 n77_Ant 2 Sub TX0	0.554	0.708	1.870	2.051	1.738	1.935
FR1 n77_IC_Ant 2 Sub TX0	0.620	0.708	1.936	2.117	1.804	2.001

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Max WWAN Ant 6	1.451	-66.0	-53.0	-207.0	81.1	2.16	0.04	Not required
Bluetooth Ant 4+3	0.708	-62.0	28.0	-207.0				



<Case 354>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.671	1.829	2.010	1.697	1.894
LTE Band 41_Ant 5 Sub TX1	0.560	0.671	1.839	2.020	1.707	1.904
LTE Band 66_Ant 5 Sub TX1	0.378	0.671	1.657	1.838	1.525	1.722
FR1 n25_Ant 5 Sub TX1	0.590	0.671	1.869	2.050	1.737	1.934
FR1 n38_Ant 5 Sub TX1	0.516	0.671	1.795	1.976	1.663	1.860
FR1 n41_Ant 5 Sub TX1	0.552	0.671	1.831	2.012	1.699	1.896
FR1 n48_Ant 5 Sub TX1	0.655	0.671	1.934	2.115	1.802	1.999
FR1 n66_Ant 5 Sub TX1	0.101	0.671	1.380	1.561	1.248	1.445
FR1 n77_Ant 5 Sub TX1	0.677	0.671	1.956	2.137	1.824	2.021
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.671	2.026	2.207	1.894	2.091

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.1	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	141.4	1.46	0.01	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	87.9	1.42	0.02	Not required
Bluetooth Ant 4	0.671	-18.5	80.5	-207.0				

<Case 355>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.199	1.357	1.538	1.225	1.422
LTE Band 41_Ant 5 Sub TX1	0.560	0.199	1.367	1.548	1.235	1.432
LTE Band 66_Ant 5 Sub TX1	0.378	0.199	1.185	1.366	1.053	1.250
FR1 n25_Ant 5 Sub TX1	0.590	0.199	1.397	1.578	1.265	1.462
FR1 n38_Ant 5 Sub TX1	0.516	0.199	1.323	1.504	1.191	1.388
FR1 n41_Ant 5 Sub TX1	0.552	0.199	1.359	1.540	1.227	1.424
FR1 n48_Ant 5 Sub TX1	0.655	0.199	1.462	1.643	1.330	1.527
FR1 n66_Ant 5 Sub TX1	0.101	0.199	0.908	1.089	0.776	0.973
FR1 n77_Ant 5 Sub TX1	0.677	0.199	1.484	1.665	1.352	1.549
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.199	1.554	1.735	1.422	1.619

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	53.8	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-57.0	0.0	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	79.1	0.99	0.01	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	24.3	0.95	0.04	Not required
Bluetooth Ant 3	0.199	-61.5	26.0	-207.0				



<Case 356>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	7	9	10	11	12
	WWAN SAR	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0	FR1 n77_IC_Ant 6 TX0
Back	1g SAR (W/kg)		0.608	0.789	0.476	0.673
			0+7+9 Summed SAR	0+7+10 Summed SAR	0+7+11 Summed SAR	0+7+12 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.550	0.708	1.866	2.047	1.734	1.931
LTE Band 41_Ant 5 Sub TX1	0.560	0.708	1.876	2.057	1.744	1.941
LTE Band 66_Ant 5 Sub TX1	0.378	0.708	1.694	1.875	1.562	1.759
FR1 n25_Ant 5 Sub TX1	0.590	0.708	1.906	2.087	1.774	1.971
FR1 n38_Ant 5 Sub TX1	0.516	0.708	1.832	2.013	1.700	1.897
FR1 n41_Ant 5 Sub TX1	0.552	0.708	1.868	2.049	1.736	1.933
FR1 n48_Ant 5 Sub TX1	0.655	0.708	1.971	2.152	1.839	2.036
FR1 n66_Ant 5 Sub TX1	0.101	0.708	1.417	1.598	1.285	1.482
FR1 n77_Ant 5 Sub TX1	0.677	0.708	1.993	2.174	1.861	2.058
FR1 n77_IC_Ant 5 Sub TX1	0.747	0.708	2.063	2.244	1.931	2.128

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	43.1	1.54	0.04	Not required
Max WWAN Ant 5	0.747	-56.5	-11.0	-207.0				
Max WWAN Ant 6	0.789	-59.0	-55.0	-207.0	140.2	1.50	0.01	Not required
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0				
Max WWAN Ant 6	0.789	-66.0	-53.0	-207.0	81.1	1.02	0.01	Not required
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	86.5	1.46	0.02	Not required
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0				
Max WWAN Ant 5	0.747	-58.0	2.0	-207.0	26.3	0.98	0.04	Not required
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				
Bluetooth Ant 4+3(4)	0.708	-19.5	79.5	-207.0	66.8	0.94	0.01	Not required
Bluetooth Ant 4+3(3)	0.229	-62.0	28.0	-207.0				