Appendix D. Sim-Tx SAR consideration

D.1 Sim-Tx Configuration

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power Index	WiFi Power Index	BT Power Index
Head	WWAN standalone	WWAN	Index 2		
	WiFi standalone	WiFi 2.4G SISO		Index 1	
		WiFi 2.4G MIMO/CDD			
		WiFi 5G MIMO			
		WiFi 6E MIMO			
		WiFi 2.4G SISO + WiFi 5G SISO		Index 2	
		WiFi 2.4G SISO + WiFi 6E SISO			
	BT standalone	Bluetooth SISO			Index 1
	WiFi +BT	WiFi 5G SISO / MIMO + Bluetooth SISO		Index 2	Index 1
		WiFi 6G SISO / MIMO + Bluetooth SISO			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO	Index 3	Index 3	
		WWAN + WiFi 2.4G MIMO/CDD			
		WWAN + WiFi 5G MIMO			
		WWAN + WiFi 6E MIMO			
		WWAN + WiFi 2.4G SISO + WiFi 5G SISO		Index 4	
		WWAN + WiFi 2.4G SISO + WiFi 6E SISO			
	WWAN + BT	WWAN + Bluetooth SISO			Index 1
	WWAN + WiFi +BT	WWAN + WiFi 5G SISO/MIMO + Bluetooth		Index 4	Index 1
		WWAN + WiFi 6E SISO/MIMO + Bluetooth			

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power Index	WiFi Power Index	BT Power Index
Body	WWAN standalone	WWAN	Index 5		
	WiFi standalone	WiFi 2.4G SISO		Index 5	
		WiFi 2.4G MIMO/CDD			
		WiFi 5G MIMO			
		WiFi 6E MIMO			
		WiFi 2.4G SISO + WiFi 5G SISO		Index 6	
		WiFi 2.4G SISO + WiFi 6E SISO			
	BT standalone	Bluetooth			Index 0
		Bluetooth			
	WiFi +BT	WiFi 5G SISO/MIMO + Bluetooth		Index 6	Index 2
		WiFi 6E SISO/MIMO + Bluetooth			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO	Index 6 / Index 4 (Hotspot)	Index 7	
		WWAN + WiFi 2.4G MIMO/CDD			
		WWAN + WiFi 5G MIMO			
		WWAN + WiFi 6E MIMO			
		WWAN + WiFi 2.4G SISO + WiFi 5G SISO		Index 8	
		WWAN + WiFi 2.4G SISO + WiFi 6E SISO			
	WWAN + BT	WWAN + Bluetooth	Index 6 / Index 4 (Hotspot)		Index 2
	WWAN + WiFi +BT	WWAN + WiFi 5G SISO/MIMO + Bluetooth	Index 6 / Index 4 (Hotspot)	Index 8	Index 2
		WWAN + WiFi 6E SISO/MIMO + Bluetooth			

General Note:

1. This device WLAN 2.4GHz / 5.2GHz / 5.8GHz and WLAN 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 D6.
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 / (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 ≤ 0.04, simultaneously transmission SAR measurement is not necessary.
   iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.

D.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, 5GNR EN-DC, 5GNR NRDC and LTE/FR1 intra-band/inter-band uplink CA are in compliance with RF Exposure requirements, while the RF exposure from 2G and WLAN/BT 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 5GNR 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 radios are managed using legacy approach, therefore, compliance of simultaneous transmission of LTE + 5GNR + WiFi + BT + NFC can be justified from the compliance of LTE + WiFi + BT + NFC and 5GNR + WiFi + BT + 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,Ant7),. 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, between AG1 and BT/WLAN/NFC and AG2 and BT/WLAN/NFC. 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.

Group Antenna	AG0	AG1	AG2	external radio
	Ant 0, Ant 6	Ant 1, Ant 5	Ant 2, Ant 7	WLAN/BT/NFC

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 are 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

D.3 Head Sim-Tx analysis

<WLAN Index1>

Exposure Position	2 WLAN2.4GHz Ant 4 1g SAR (W/kg)	3 WLAN2.4GHz Ant 3 1g SAR (W/kg)	4 WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	**5+6 Summed 1g SAR (W/kg)**
Right Cheek	0.511	0.884	0.723	1.180	**1.281**
Right Tilted	0.416	0.196	0.367	0.964	**1.066**
Left Cheek	1.168	0.416	0.908	1.126	**1.421**
Left Tilted	1.160	0.127	0.774	1.015	**1.242**

<WLAN Index2, BT Index1>

Exposure Position	2 WLAN2.4GHz Ant 4 1g SAR (W/kg)	3 WLAN2.4GHz Ant 3 1g SAR (W/kg)	4 WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	6 Bluetooth Ant 4 1g SAR (W/kg)	7 Bluetooth Ant 3 1g SAR (W/kg)	**2+5 Summed 1g SAR (W/kg)**	**3+5 Summed 1g SAR (W/kg)**	**4+5 Summed 1g SAR (W/kg)**	**5+6 Summed 1g SAR (W/kg)**	**5+7 Summed 1g SAR (W/kg)**
Right Cheek	0.362	0.626	0.489	0.684	0.101	0.231	**1.046**	**1.310**	**1.173**	**0.785**	**0.915**
Right Tilted	0.295	0.139	0.248	0.538	0.102	0.067	**0.833**	**0.677**	**0.786**	**0.640**	**0.605**
Left Cheek	0.827	0.294	0.643	0.627	0.295	0.112	**1.454**	**0.921**	**1.270**	**0.922**	**0.739**
Left Tilted	0.821	0.090	0.548	0.510	0.227	0.041	**1.331**	**0.600**	**1.058**	**0.737**	**0.551**

<WWAN Index2>

Exposure Position	Max Ant 0 WWAN 1g SAR (W/kg)	Max Ant 1 WWAN 1g SAR (W/kg)	Max Ant 2 WWAN 1g SAR (W/kg)	Max Ant 5 WWAN 1g SAR (W/kg)	Max Ant 6 WWAN 1g SAR (W/kg)	Max Ant 7 WWAN 1g SAR (W/kg)	**Ant 0+1 Summed 1g SAR (W/kg)**	**Ant 0+2 Summed 1g SAR (W/kg)**	**Ant 0+5 Summed 1g SAR (W/kg)**	**Ant 0+7 Summed 1g SAR (W/kg)**	**Ant 1+2 Summed 1g SAR (W/kg)**	**Ant 1+6 Summed 1g SAR (W/kg)**	**Ant 1+7 Summed 1g SAR (W/kg)**	**Ant 2+5 Summed 1g SAR (W/kg)**	**Ant 2+6 Summed 1g SAR (W/kg)**	**Ant 5+6 Summed 1g SAR (W/kg)**	**Ant 5+7 Summed 1g SAR (W/kg)**	**Ant 6+7 Summed 1g SAR (W/kg)**	Ant 1+2 SPLSR	Ant 1+2 Case No	Ant 1+6 SPLSR	Ant 1+6 Case No	Ant 5+6 SPLSR	Ant 5+6 Case No
Right Cheek at 0mm	0.442	0.977	0.912	0.588	0.414	0.606	1.419	1.354	1.030	1.048	1.889	1.391	1.583	1.500	1.326	1.002	1.194	1.020	0.03	Case 1				
Right Tilted at 0mm	0.230	0.911	0.318	0.569	0.544	0.294	1.141	0.548	0.799	0.524	1.229	1.455	1.205	0.887	0.862	1.113	0.863	0.838						
Left Cheek at 0mm	0.623	0.784	0.450	0.906	0.957	0.418	1.407	1.073	1.529	1.041	1.234	1.741	1.202	1.356	1.407	1.863	1.324	1.375			0.03	Case 2	0.03	Case 3
Left Tilted at 0mm	0.336	0.741	0.357	0.500	0.520	0.394	1.077	0.693	0.836	0.730	1.098	1.261	1.135	0.857	0.877	1.020	0.894	0.914						

<WWAN Index3, WLAN Index3>

WWAN Band	Exposure Position	0	1	2	3	4	5	0+1+2	0+1+3	0+1+4	0+1+5	0+1+2	0+1+2	0+1+3	0+1+3	0+1+4	0+1+4	0+1+5	0+1+5
		Maximum WWAN 1g SAR (W/kg)	Maximum WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	SPLSR	Case	SPLSR	Case	SPLSR	Case	SPLSR	Case
Ant 0+1	Right Cheek	0.302	0.750	0.130	0.216	0.233	0.436	**1.182**	**1.268**	**1.285**	**1.488**								
	Right Tilted	0.220	0.740	0.122	0.046	0.128	0.292	**1.082**	**1.006**	**1.088**	**1.252**								
	Left Cheek	0.428	0.668	0.269	0.102	0.421	0.429	**1.365**	**1.198**	**1.517**	**1.525**								
	Left Tilted	0.260	0.631	0.314	0.031	0.286	0.285	**1.205**	**0.922**	**1.177**	**1.176**								
Ant 0+2	Right Cheek	0.302	0.692	0.130	0.216	0.233	0.436	**1.124**	**1.210**	**1.227**	**1.430**								
	Right Tilted	0.220	0.318	0.122	0.046	0.128	0.292	**0.660**	**0.584**	**0.666**	**0.830**								
	Left Cheek	0.428	0.309	0.269	0.102	0.421	0.429	**1.006**	**0.839**	**1.158**	**1.166**								
	Left Tilted	0.260	0.303	0.314	0.031	0.286	0.285	**0.877**	**0.594**	**0.849**	**0.848**								
Ant 0+5	Right Cheek	0.302	0.445	0.130	0.216	0.233	0.436	**0.877**	**0.963**	**0.980**	**1.183**								
	Right Tilted	0.220	0.280	0.122	0.046	0.128	0.292	**0.622**	**0.546**	**0.628**	**0.792**								
	Left Cheek	0.428	0.797	0.269	0.102	0.421	0.429	**1.494**	**1.327**	**1.646**	**1.654**					0.04	Case 8	0.04	Case 9
	Left Tilted	0.260	0.461	0.314	0.031	0.286	0.285	**1.035**	**0.752**	**1.007**	**1.006**								
Ant 0+7	Right Cheek	0.302	0.436	0.130	0.216	0.233	0.436	**0.868**	**0.954**	**0.971**	**1.174**								
	Right Tilted	0.220	0.215	0.122	0.046	0.128	0.292	**0.557**	**0.481**	**0.563**	**0.727**								
	Left Cheek	0.428	0.301	0.269	0.102	0.421	0.429	**0.998**	**0.831**	**1.150**	**1.158**								
	Left Tilted	0.260	0.267	0.314	0.031	0.286	0.285	**0.841**	**0.558**	**0.813**	**0.812**								
Ant 1+2	Right Cheek	0.750	0.692	0.130	0.216	0.233	0.436	**1.572**	**1.658**	**1.675**	**1.878**			0.03	Case 10	0.03	Case 11	0.04	Case 12
	Right Tilted	0.740	0.318	0.122	0.046	0.128	0.292	**1.180**	**1.104**	**1.186**	**1.350**								
	Left Cheek	0.668	0.309	0.269	0.102	0.421	0.429	**1.246**	**1.079**	**1.398**	**1.406**								
	Left Tilted	0.631	0.303	0.314	0.031	0.286	0.285	**1.248**	**0.965**	**1.220**	**1.219**								
Ant 1+6	Right Cheek	0.750	0.360	0.130	0.216	0.233	0.436	**1.240**	**1.326**	**1.343**	**1.546**								
	Right Tilted	0.740	0.474	0.122	0.046	0.128	0.292	**1.336**	**1.260**	**1.342**	**1.506**								
	Left Cheek	0.668	0.834	0.269	0.102	0.421	0.429	**1.771**	**1.604**	**1.923**	**1.931**	0.03	Case 13	0.03	Case 14	0.03	Case 15	0.03	Case 16
	Left Tilted	0.631	0.452	0.314	0.031	0.286	0.285	**1.397**	**1.114**	**1.369**	**1.368**								
Ant 1+7	Right Cheek	0.750	0.436	0.130	0.216	0.233	0.436	**1.316**	**1.402**	**1.419**	**1.622**							0.03	Case 17
	Right Tilted	0.740	0.215	0.122	0.046	0.128	0.292	**1.077**	**1.001**	**1.083**	**1.247**								
	Left Cheek	0.668	0.301	0.269	0.102	0.421	0.429	**1.238**	**1.071**	**1.390**	**1.398**								
	Left Tilted	0.631	0.267	0.314	0.031	0.286	0.285	**1.212**	**0.929**	**1.184**	**1.183**								
Ant 2+5	Right Cheek	0.692	0.445	0.130	0.216	0.233	0.436	**1.267**	**1.353**	**1.370**	**1.573**								
	Right Tilted	0.318	0.280	0.122	0.046	0.128	0.292	**0.720**	**0.644**	**0.726**	**0.890**								
	Left Cheek	0.309	0.797	0.269	0.102	0.421	0.429	**1.375**	**1.208**	**1.527**	**1.535**								
	Left Tilted	0.303	0.461	0.314	0.031	0.286	0.285	**1.078**	**0.795**	**1.050**	**1.049**								
Ant 2+6	Right Cheek	0.692	0.360	0.130	0.216	0.233	0.436	**1.182**	**1.268**	**1.285**	**1.488**								
	Right Tilted	0.318	0.474	0.122	0.046	0.128	0.292	**0.914**	**0.838**	**0.920**	**1.084**								
	Left Cheek	0.309	0.834	0.269	0.102	0.421	0.429	**1.412**	**1.245**	**1.564**	**1.572**								
	Left Tilted	0.303	0.452	0.314	0.031	0.286	0.285	**1.069**	**0.786**	**1.041**	**1.040**								
Ant 5+6	Right Cheek	0.445	0.360	0.130	0.216	0.233	0.436	**0.935**	**1.021**	**1.038**	**1.241**								
	Right Tilted	0.280	0.474	0.122	0.046	0.128	0.292	**0.876**	**0.800**	**0.882**	**1.046**								
	Left Cheek	0.797	0.834	0.269	0.102	0.421	0.429	**1.900**	**1.733**	**2.052**	**2.060**	0.03	Case 18	0.03	Case 19	0.04	Case 20	0.04	Case 21
	Left Tilted	0.461	0.452	0.314	0.031	0.286	0.285	**1.227**	**0.944**	**1.199**	**1.198**								
Ant 5+7	Right Cheek	0.445	0.436	0.130	0.216	0.233	0.436	**1.011**	**1.097**	**1.114**	**1.317**								
	Right Tilted	0.280	0.215	0.122	0.046	0.128	0.292	**0.617**	**0.541**	**0.623**	**0.787**								
	Left Cheek	0.797	0.301	0.269	0.102	0.421	0.429	**1.367**	**1.200**	**1.519**	**1.527**								
	Left Tilted	0.461	0.267	0.314	0.031	0.286	0.285	**1.042**	**0.759**	**1.014**	**1.013**								
Ant 6+7	Right Cheek	0.360	0.436	0.130	0.216	0.233	0.436	**0.926**	**1.012**	**1.029**	**1.232**								
	Right Tilted	0.474	0.215	0.122	0.046	0.128	0.292	**0.811**	**0.735**	**0.817**	**0.981**								
	Left Cheek	0.834	0.301	0.269	0.102	0.421	0.429	**1.404**	**1.237**	**1.556**	**1.564**								
	Left Tilted	0.452	0.267	0.314	0.031	0.286	0.285	**1.033**	**0.750**	**1.005**	**1.004**								

<WWAN Index3, WLAN Index4, BT Index 1>

WWAN Band	Exposure Position	0 Maximum WWAN 1g SAR (W/kg)	1 Maximum WWAN 1g SAR (W/kg)	2 WLAN2.4GHz Ant 4 1g SAR (W/kg)	3 WLAN2.4GHz Ant 3 1g SAR (W/kg)	4 WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	6 Bluetooth Ant 4 1g SAR (W/kg)	7 Bluetooth Ant 3 1g SAR (W/kg)	0+1+2+5 Summed 1g SAR (W/kg)	0+1+3+5 Summed 1g SAR (W/kg)	0+1+4+5 Summed 1g SAR (W/kg)	0+1+5+6 Summed 1g SAR (W/kg)	0+1+5+7 Summed 1g SAR (W/kg)	0+1+2+5 SPLSR	0+1+2+5 Case	0+1+3+5 SPLSR	0+1+3+5 Case	0+1+4+5 SPLSR	0+1+4+5 Case	0+1+5+6 SPLSR	0+1+5+6 Case	0+1+5+7 SPLSR	0+1+5+7 Case
Ant 0+1	Right Cheek	0.302	0.750	0.092	0.158	0.066	0.226	0.101	0.231	1.370	1.436	1.344	1.379	1.509										
	Right Tilted	0.220	0.740	0.086	0.034	0.058	0.152	0.102	0.067	1.198	1.146	1.170	1.214	1.179										
	Left Cheek	0.428	0.668	0.190	0.074	0.191	0.183	0.295	0.112	1.469	1.353	1.470	1.574	1.391										
	Left Tilted	0.260	0.631	0.143	0.023	0.130	0.121	0.227	0.041	1.155	1.035	1.142	1.239	1.053										
Ant 0+2	Right Cheek	0.302	0.692	0.092	0.158	0.066	0.226	0.101	0.231	1.312	1.378	1.286	1.321	1.451										
	Right Tilted	0.220	0.318	0.086	0.034	0.058	0.152	0.102	0.067	0.776	0.724	0.748	0.792	0.757										
	Left Cheek	0.428	0.309	0.190	0.074	0.191	0.183	0.295	0.112	1.110	0.994	1.111	1.215	1.032										
	Left Tilted	0.260	0.303	0.143	0.023	0.130	0.121	0.227	0.041	0.827	0.707	0.814	0.911	0.725										
Ant 0+5	Right Cheek	0.302	0.445	0.092	0.158	0.066	0.226	0.101	0.231	1.065	1.131	1.039	1.074	1.204										
	Right Tilted	0.220	0.280	0.086	0.034	0.058	0.152	0.102	0.067	0.738	0.686	0.710	0.754	0.719										
	Left Cheek	0.428	0.797	0.190	0.074	0.191	0.183	0.295	0.112	1.598	1.482	1.599	1.703	1.520	0.04	Case 22			0.04	Case 23	0.04	Case 24		
	Left Tilted	0.260	0.461	0.143	0.023	0.130	0.121	0.227	0.041	0.985	0.865	0.972	1.069	0.883										
Ant 0+7	Right Cheek	0.302	0.436	0.092	0.158	0.066	0.226	0.101	0.231	1.056	1.122	1.030	1.065	1.195										
	Right Tilted	0.220	0.215	0.086	0.034	0.058	0.152	0.102	0.067	0.673	0.621	0.645	0.689	0.654										
	Left Cheek	0.428	0.301	0.190	0.074	0.191	0.183	0.295	0.112	1.102	0.986	1.103	1.207	1.024										
	Left Tilted	0.260	0.267	0.143	0.023	0.130	0.121	0.227	0.041	0.791	0.671	0.778	0.875	0.689										
Ant 1+2	Right Cheek	0.750	0.692	0.092	0.158	0.066	0.226	0.101	0.231	1.760	1.826	1.734	1.769	1.899	0.04	Case 25	0.03	Case 26	0.04	Case 27	0.04	Case 28	0.04	Case 29
	Right Tilted	0.740	0.318	0.086	0.034	0.058	0.152	0.102	0.067	1.296	1.244	1.268	1.312	1.277										
	Left Cheek	0.668	0.309	0.190	0.074	0.191	0.183	0.295	0.112	1.350	1.234	1.351	1.455	1.272										
	Left Tilted	0.631	0.303	0.143	0.023	0.130	0.121	0.227	0.041	1.198	1.078	1.185	1.282	1.096										
Ant 1+6	Right Cheek	0.750	0.360	0.092	0.158	0.066	0.226	0.101	0.231	1.428	1.494	1.402	1.437	1.567										
	Right Tilted	0.740	0.474	0.086	0.034	0.058	0.152	0.102	0.067	1.452	1.400	1.424	1.468	1.433										
	Left Cheek	0.668	0.834	0.190	0.074	0.191	0.183	0.295	0.112	1.875	1.759	1.876	1.980	1.797	0.02	Case 30	0.03	Case 31	0.03	Case 32	0.04	Case 33	0.03	Case 34
	Left Tilted	0.631	0.452	0.143	0.023	0.130	0.121	0.227	0.041	1.347	1.227	1.334	1.431	1.245										
Ant 1+7	Right Cheek	0.750	0.436	0.092	0.158	0.066	0.226	0.101	0.231	1.504	1.570	1.478	1.513	1.643									0.03	Case 35
	Right Tilted	0.740	0.215	0.086	0.034	0.058	0.152	0.102	0.067	1.193	1.141	1.165	1.209	1.174										
	Left Cheek	0.668	0.301	0.190	0.074	0.191	0.183	0.295	0.112	1.342	1.226	1.343	1.447	1.264										
	Left Tilted	0.631	0.267	0.143	0.023	0.130	0.121	0.227	0.041	1.162	1.042	1.149	1.246	1.060										
Ant 2+5	Right Cheek	0.692	0.445	0.092	0.158	0.066	0.226	0.101	0.231	1.455	1.521	1.429	1.464	1.594										
	Right Tilted	0.318	0.280	0.086	0.034	0.058	0.152	0.102	0.067	0.836	0.784	0.808	0.852	0.817										
	Left Cheek	0.309	0.797	0.190	0.074	0.191	0.183	0.295	0.112	1.479	1.363	1.480	1.584	1.401										
	Left Tilted	0.303	0.461	0.143	0.023	0.130	0.121	0.227	0.041	1.028	0.908	1.015	1.112	0.926										
Ant 2+6	Right Cheek	0.692	0.360	0.092	0.158	0.066	0.226	0.101	0.231	1.370	1.436	1.344	1.379	1.509										
	Right Tilted	0.318	0.474	0.086	0.034	0.058	0.152	0.102	0.067	1.030	0.978	1.002	1.046	1.011										
	Left Cheek	0.309	0.834	0.190	0.074	0.191	0.183	0.295	0.112	1.516	1.400	1.517	1.621	1.438							0.04	Case 36		
	Left Tilted	0.303	0.452	0.143	0.023	0.130	0.121	0.227	0.041	1.019	0.899	1.006	1.103	0.917										
Ant 5+6	Right Cheek	0.445	0.360	0.092	0.158	0.066	0.226	0.101	0.231	1.123	1.189	1.097	1.132	1.262										
	Right Tilted	0.280	0.474	0.086	0.034	0.058	0.152	0.102	0.067	0.992	0.940	0.964	1.008	0.973										
	Left Cheek	0.797	0.834	0.190	0.074	0.191	0.183	0.295	0.112	2.004	1.888	2.005	2.109	1.926	0.04	Case 37	0.04	Case 38	0.04	Case 39	0.04	Case 40	0.04	Case 41
	Left Tilted	0.461	0.452	0.143	0.023	0.130	0.121	0.227	0.041	1.177	1.057	1.164	1.261	1.075										
Ant 5+7	Right Cheek	0.445	0.436	0.092	0.158	0.066	0.226	0.101	0.231	1.199	1.265	1.173	1.208	1.338										
	Right Tilted	0.280	0.215	0.086	0.034	0.058	0.152	0.102	0.067	0.733	0.681	0.705	0.749	0.714										
	Left Cheek	0.797	0.301	0.190	0.074	0.191	0.183	0.295	0.112	1.471	1.355	1.472	1.576	1.393										
	Left Tilted	0.461	0.267	0.143	0.023	0.130	0.121	0.227	0.041	0.992	0.872	0.979	1.076	0.890										
Ant 6+7	Right Cheek	0.360	0.436	0.092	0.158	0.066	0.226	0.101	0.231	1.114	1.180	1.088	1.123	1.253										
	Right Tilted	0.474	0.215	0.086	0.034	0.058	0.152	0.102	0.067	0.927	0.875	0.899	0.943	0.908										
	Left Cheek	0.834	0.301	0.190	0.074	0.191	0.183	0.295	0.112	1.508	1.392	1.509	1.613	1.430							0.02	Case 42		
	Left Tilted	0.452	0.267	0.143	0.023	0.130	0.121	0.227	0.041	0.983	0.863	0.970	1.067	0.881										

D.4 Hotspot Sim-Tx analysis

<WWAN Index4, WLAN Index7>

	Exposure Position	0 Maximum WWAN 1g SAR (W/kg)	1 Maximum WWAN 1g SAR (W/kg)	2 WLAN2.4GHz Ant 4 1g SAR (W/kg)	3 WLAN2.4GHz Ant 3 1g SAR (W/kg)	4 WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	0+1+2 Summed 1g SAR (W/kg)	0+1+3 Summed 1g SAR (W/kg)	0+1+4 Summed 1g SAR (W/kg)	0+1+5 Summed 1g SAR (W/kg)	0+1+2 SPLSR	0+1+2 Case	0+1+3 SPLSR	0+1+3 Case	0+1+4 SPLSR	0+1+4 Case	0+1+5 SPLSR	0+1+5 Case
Ant 0+1	Front	0.525	0.615	0.281	0.148	0.207	0.231	**1.421**	**1.288**	**1.347**	**1.371**								
	Back	0.761	0.843	0.314	0.165	0.209	0.377	**1.918**	**1.769**	**1.813**	**1.981**	0.02	Case 43	0.02	Case 44	0.02	Case 45	0.02	Case 46
	Left Edge	0.513	0.463	0.017	0.255	0.331	0.397	**0.993**	**1.231**	**1.307**	**1.373**								
	Right Edge	0.328	0.227	0.172	0.018	0.125	0.115	**0.727**	**0.573**	**0.680**	**0.670**								
	Top Edge		0.730	0.263	0.040	0.200	0.243	**0.993**	**0.770**	**0.930**	**0.973**								
	Bottom Edge	0.845						**0.845**	**0.845**	**0.845**	**0.845**								
Ant 0+2	Front	0.525	0.533	0.281	0.148	0.207	0.231	**1.339**	**1.206**	**1.265**	**1.289**								
	Back	0.761	0.583	0.314	0.165	0.209	0.377	**1.658**	**1.509**	**1.553**	**1.721**	0.04	Case 47					0.04	Case 48
	Left Edge	0.513	0.159	0.017	0.255	0.331	0.397	**0.689**	**0.927**	**1.003**	**1.069**								
	Right Edge	0.328	0.839	0.172	0.018	0.125	0.115	**1.339**	**1.185**	**1.292**	**1.282**								
	Top Edge			0.263	0.040	0.200	0.243	**0.263**	**0.040**	**0.200**	**0.243**								
	Bottom Edge	0.845	0.335					**1.180**	**1.180**	**1.180**	**1.180**								
Ant 0+5	Front	0.525	0.613	0.281	0.148	0.207	0.231	**1.419**	**1.286**	**1.345**	**1.369**								
	Back	0.761	0.723	0.314	0.165	0.209	0.377	**1.798**	**1.649**	**1.693**	**1.861**	0.02	Case 49	0.02	Case 50	0.02	Case 51	0.02	Case 52
	Left Edge	0.513	0.157	0.017	0.255	0.331	0.397	**0.687**	**0.925**	**1.001**	**1.067**								
	Right Edge	0.328	0.826	0.172	0.018	0.125	0.115	**1.326**	**1.172**	**1.279**	**1.269**								
	Top Edge		0.450	0.263	0.040	0.200	0.243	**0.713**	**0.490**	**0.650**	**0.693**								
	Bottom Edge	0.845						**0.845**	**0.845**	**0.845**	**0.845**								
Ant 0+7	Front	0.525	0.266	0.281	0.148	0.207	0.231	**1.072**	**0.939**	**0.998**	**1.022**								
	Back	0.761	0.405	0.314	0.165	0.209	0.377	**1.480**	**1.331**	**1.375**	**1.543**								
	Left Edge	0.513	0.048	0.017	0.255	0.331	0.397	**0.578**	**0.816**	**0.892**	**0.958**								
	Right Edge	0.328	0.739	0.172	0.018	0.125	0.115	**1.239**	**1.085**	**1.192**	**1.182**								
	Top Edge			0.263	0.040	0.200	0.243	**0.263**	**0.040**	**0.200**	**0.243**								
	Bottom Edge	0.845	0.118					**0.963**	**0.963**	**0.963**	**0.963**								
Ant 1+2	Front	0.615	0.533	0.281	0.148	0.207	0.231	**1.429**	**1.296**	**1.355**	**1.379**								
	Back	0.843	0.583	0.314	0.165	0.209	0.377	**1.740**	**1.591**	**1.635**	**1.803**	0.02	Case 53			0.02	Case 54	0.02	Case 55
	Left Edge	0.463	0.159	0.017	0.255	0.331	0.397	**0.639**	**0.877**	**0.953**	**1.019**								
	Right Edge	0.227	0.839	0.172	0.018	0.125	0.115	**1.238**	**1.084**	**1.191**	**1.181**								
	Top Edge	0.730		0.263	0.040	0.200	0.243	**0.993**	**0.770**	**0.930**	**0.973**								
	Bottom Edge		0.335					**0.335**	**0.335**	**0.335**	**0.335**								
Ant 1+6	Front	0.615	0.253	0.281	0.148	0.207	0.231	**1.149**	**1.016**	**1.075**	**1.099**								
	Back	0.843	0.466	0.314	0.165	0.209	0.377	**1.623**	**1.474**	**1.518**	**1.686**	0.02	Case 56					0.02	Case 57
	Left Edge	0.463	0.698	0.017	0.255	0.331	0.397	**1.178**	**1.416**	**1.492**	**1.558**								
	Right Edge	0.227	0.069	0.172	0.018	0.125	0.115	**0.468**	**0.314**	**0.421**	**0.411**								
	Top Edge	0.730		0.263	0.040	0.200	0.243	**0.993**	**0.770**	**0.930**	**0.973**								
	Bottom Edge		0.508					**0.508**	**0.508**	**0.508**	**0.508**								
Ant 1+7	Front	0.615	0.266	0.281	0.148	0.207	0.231	**1.162**	**1.029**	**1.088**	**1.112**								
	Back	0.843	0.405	0.314	0.165	0.209	0.377	**1.562**	**1.413**	**1.457**	**1.625**							0.02	Case 58
	Left Edge	0.463	0.048	0.017	0.255	0.331	0.397	**0.528**	**0.766**	**0.842**	**0.908**								
	Right Edge	0.227	0.739	0.172	0.018	0.125	0.115	**1.138**	**0.984**	**1.091**	**1.081**								
	Top Edge	0.730		0.263	0.040	0.200	0.243	**0.993**	**0.770**	**0.930**	**0.973**								
	Bottom Edge		0.118					**0.118**	**0.118**	**0.118**	**0.118**								
Ant 2+5	Front	0.533	0.613	0.281	0.148	0.207	0.231	**1.427**	**1.294**	**1.353**	**1.377**								
	Back	0.583	0.723	0.314	0.165	0.209	0.377	**1.620**	**1.471**	**1.515**	**1.683**	0.03	Case 59					0.03	Case 60
	Left Edge	0.159	0.157	0.017	0.255	0.331	0.397	**0.333**	**0.571**	**0.647**	**0.713**								
	Right Edge	0.839	0.826	0.172	0.018	0.125	0.115	**1.837**	**1.683**	**1.790**	**1.780**	0.03	Case 61	0.04	Case 62	0.03	Case 63	0.03	Case 64
	Top Edge		0.450	0.263	0.040	0.200	0.243	**0.713**	**0.490**	**0.650**	**0.693**								
	Bottom Edge	0.335						**0.335**	**0.335**	**0.335**	**0.335**								
	Front	0.533	0.253	0.281	0.148	0.207	0.231	**1.067**	**0.934**	**0.993**	**1.017**								

Ant 2+6	Back	0.583	0.466	0.314	0.165	0.209	0.377	**1.363**	**1.214**	**1.258**	**1.426**								
	Left Edge	0.159	0.698	0.017	0.255	0.331	0.397	**0.874**	**1.112**	**1.188**	**1.254**								
	Right Edge	0.839	0.069	0.172	0.018	0.125	0.115	**1.080**	**0.926**	**1.033**	**1.023**								
	Top Edge			0.263	0.040	0.200	0.243	**0.263**	**0.040**	**0.200**	**0.243**								
	Bottom Edge	0.335	0.508					**0.843**	**0.843**	**0.843**	**0.843**								
Ant 5+6	Front	0.613	0.253	0.281	0.148	0.207	0.231	**1.147**	**1.014**	**1.073**	**1.097**								
	Back	0.723	0.466	0.314	0.165	0.209	0.377	**1.503**	**1.354**	**1.398**	**1.566**								
	Left Edge	0.157	0.698	0.017	0.255	0.331	0.397	**0.872**	**1.110**	**1.186**	**1.252**								
	Right Edge	0.826	0.069	0.172	0.018	0.125	0.115	**1.067**	**0.913**	**1.020**	**1.010**								
	Top Edge	0.450		0.263	0.040	0.200	0.243	**0.713**	**0.490**	**0.650**	**0.693**								
	Bottom Edge		0.508					**0.508**	**0.508**	**0.508**	**0.508**								
Ant 5+7	Front	0.613	0.266	0.281	0.148	0.207	0.231	**1.160**	**1.027**	**1.086**	**1.110**								
	Back	0.723	0.405	0.314	0.165	0.209	0.377	**1.442**	**1.293**	**1.337**	**1.505**								
	Left Edge	0.157	0.048	0.017	0.255	0.331	0.397	**0.222**	**0.460**	**0.536**	**0.602**								
	Right Edge	0.826	0.739	0.172	0.018	0.125	0.115	**1.737**	**1.583**	**1.690**	**1.680**	0.03	Case 65			0.02	Case 66	0.02	Case 67
	Top Edge	0.450		0.263	0.040	0.200	0.243	**0.713**	**0.490**	**0.650**	**0.693**								
	Bottom Edge		0.118					**0.118**	**0.118**	**0.118**	**0.118**								
Ant 6+7	Front	0.253	0.266	0.281	0.148	0.207	0.231	**0.800**	**0.667**	**0.726**	**0.750**								
	Back	0.466	0.405	0.314	0.165	0.209	0.377	**1.185**	**1.036**	**1.080**	**1.248**								
	Left Edge	0.698	0.048	0.017	0.255	0.331	0.397	**0.763**	**1.001**	**1.077**	**1.143**								
	Right Edge	0.069	0.739	0.172	0.018	0.125	0.115	**0.980**	**0.826**	**0.933**	**0.923**								
	Top Edge			0.263	0.040	0.200	0.243	**0.263**	**0.040**	**0.200**	**0.243**								
	Bottom Edge	0.508	0.118					**0.626**	**0.626**	**0.626**	**0.626**								

<WWAN Index4, WLAN Index8, BT Index 2>

	Exposure Position	0	1	2	3	4	5	6	7	0+1+2+5 Summed 1g SAR (W/kg)	0+1+3+5 Summed 1g SAR (W/kg)	0+1+4+5 Summed 1g SAR (W/kg)	0+1+5+6 Summed 1g SAR (W/kg)	0+1+5+7 Summed 1g SAR (W/kg)	0+1+2+5 SPLSR	0+1+2+5 Case	0+1+3+5 SPLSR	0+1+3+5 Case	0+1+4+5 SPLSR	0+1+4+5 Case	0+1+5+6 SPLSR	0+1+5+6 Case	0+1+5+7 SPLSR	0+1+5+7 Case
		Maximum WWAN 1g SAR (W/kg)	Maximum WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)															
Ant 0+1	Front	0.525	0.615	0.113	0.123	0.147	0.182	0.256	0.204	**1.435**	**1.445**	**1.469**	**1.578**	**1.526**										
	Back	0.761	0.843	0.147	0.130	0.148	0.267	0.308	0.200	**2.018**	**2.001**	**2.019**	**2.179**	**2.071**	0.02	Case 68	0.02	Case 69	0.02	Case 70	0.03	Case 71	0.03	Case 72
	Left Edge	0.513	0.463	0.002	0.189	0.235	0.277	0.010	0.320	**1.255**	**1.442**	**1.488**	**1.263**	**1.573**										
	Right Edge	0.328	0.227	0.070	0.002	0.089	0.081	0.151	0.021	**0.706**	**0.638**	**0.725**	**0.787**	**0.657**										
	Top Edge		0.730	0.116	0.031	0.141	0.192	0.229	0.042	**1.038**	**0.953**	**1.063**	**1.151**	**0.964**										
	Bottom Edge	0.845								**0.845**	**0.845**	**0.845**	**0.845**	**0.845**										
Ant 0+2	Front	0.525	0.533	0.113	0.123	0.147	0.182	0.256	0.204	**1.353**	**1.363**	**1.387**	**1.496**	**1.444**										
	Back	0.761	0.583	0.147	0.130	0.148	0.267	0.308	0.200	**1.758**	**1.741**	**1.759**	**1.919**	**1.811**	0.04	Case 73	0.04	Case 74	0.04	Case 75	0.04	Case 76	0.04	Case 77
	Left Edge	0.513	0.159	0.002	0.189	0.235	0.277	0.010	0.320	**0.951**	**1.138**	**1.184**	**0.959**	**1.269**										
	Right Edge	0.328	0.839	0.070	0.002	0.089	0.081	0.151	0.021	**1.318**	**1.250**	**1.337**	**1.399**	**1.269**										
	Top Edge			0.116	0.031	0.141		0.229	0.042	**0.116**	**0.031**	**0.141**	**0.229**	**0.042**										
	Bottom Edge	0.845	0.335							**1.180**	**1.180**	**1.180**	**1.180**	**1.180**										
Ant 0+5	Front	0.525	0.613	0.113	0.123	0.147	0.182	0.256	0.204	**1.433**	**1.443**	**1.467**	**1.576**	**1.524**										
	Back	0.761	0.723	0.147	0.130	0.148	0.267	0.308	0.200	**1.898**	**1.881**	**1.899**	**2.059**	**1.951**	0.02	Case 78	0.02	Case 79	0.02	Case 80	0.02	Case 81	0.02	Case 82
	Left Edge	0.513	0.157	0.002	0.189	0.235	0.277	0.010	0.320	**0.949**	**1.136**	**1.182**	**0.957**	**1.267**										
	Right Edge	0.328	0.826	0.070	0.002	0.089	0.081	0.151	0.021	**1.305**	**1.237**	**1.324**	**1.386**	**1.256**										
	Top Edge		0.450	0.116	0.031	0.141		0.229	0.042	**0.566**	**0.481**	**0.591**	**0.679**	**0.492**										
	Bottom Edge	0.845								**0.845**	**0.845**	**0.845**	**0.845**	**0.845**										
Ant 0+7	Front	0.525	0.266	0.113	0.123	0.147	0.182	0.256	0.204	**1.086**	**1.096**	**1.120**	**1.229**	**1.177**										
	Back	0.761	0.405	0.147	0.130	0.148	0.267	0.308	0.200	**1.580**	**1.563**	**1.581**	**1.741**	**1.633**							0.04	Case 83	0.02	Case 84
	Left Edge	0.513	0.048	0.002	0.189	0.235	0.277	0.010	0.320	**0.840**	**1.027**	**1.073**	**0.848**	**1.158**										
	Right Edge	0.328	0.739	0.070	0.002	0.089	0.081	0.151	0.021	**1.218**	**1.150**	**1.237**	**1.299**	**1.169**										
	Top Edge			0.116	0.031	0.141		0.229	0.042	**0.116**	**0.031**	**0.141**	**0.229**	**0.042**										
	Bottom Edge	0.845	0.118							**0.963**	**0.963**	**0.963**	**0.963**	**0.963**										
Ant 1+2	Front	0.615	0.533	0.113	0.123	0.147	0.182	0.256	0.204	**1.443**	**1.453**	**1.477**	**1.586**	**1.534**										

	Back	0.843	0.583	0.147	0.130	0.148	0.267	0.308	0.200	1.840	1.823	1.841	2.001	1.893	0.02	Case 85	0.02	Case 86	0.02	Case 87	0.02	Case 88	0.02	Case 89
	Left Edge	0.463	0.159	0.002	0.189	0.235	0.277	0.010	0.320	0.901	1.088	1.134	0.909	1.219										
	Right Edge	0.227	0.839	0.070	0.002	0.089	0.081	0.151	0.021	1.217	1.149	1.236	1.298	1.168										
	Top Edge	0.730		0.116	0.031	0.141		0.229	0.042	0.846	0.761	0.871	0.959	0.772										
	Bottom Edge		0.335							0.335	0.335	0.335	0.335	0.335										
Ant 1+6	Front	0.615	0.253	0.113	0.123	0.147	0.182	0.256	0.204	1.163	1.173	1.197	1.306	1.254										
	Back	0.843	0.466	0.147	0.130	0.148	0.267	0.308	0.200	1.723	1.706	1.724	1.884	1.776	0.02	Case 90	0.03	Case 91	0.03	Case 92	0.03	Case 93	0.03	Case 94
	Left Edge	0.463	0.698	0.002	0.189	0.235	0.277	0.010	0.320	1.440	1.627	1.673	1.448	1.758			0.03	Case 95	0.03	Case 96			0.04	Case 97
	Right Edge	0.227	0.069	0.070	0.002	0.089	0.081	0.151	0.021	0.447	0.379	0.466	0.528	0.398										
	Top Edge	0.730		0.116	0.031	0.141		0.229	0.042	0.846	0.761	0.871	0.959	0.772										
	Bottom Edge		0.508							0.508	0.508	0.508	0.508	0.508										
Ant 1+7	Front	0.615	0.266	0.113	0.123	0.147	0.182	0.256	0.204	1.176	1.186	1.210	1.319	1.267										
	Back	0.843	0.405	0.147	0.130	0.148	0.267	0.308	0.200	1.662	1.645	1.663	1.823	1.715	0.02	Case 98	0.02	Case 99	0.02	Case 100	0.02	Case 101	0.02	Case 102
	Left Edge	0.463	0.048	0.002	0.189	0.235	0.277	0.010	0.320	0.790	0.977	1.023	0.798	1.108										
	Right Edge	0.227	0.739	0.070	0.002	0.089	0.081	0.151	0.021	1.117	1.049	1.136	1.198	1.068										
	Top Edge	0.730		0.116	0.031	0.141		0.229	0.042	0.846	0.761	0.871	0.959	0.772										
	Bottom Edge		0.118							0.118	0.118	0.118	0.118	0.118										
Ant 2+5	Front	0.533	0.613	0.113	0.123	0.147	0.182	0.256	0.204	1.441	1.451	1.475	1.584	1.532										
	Back	0.583	0.723	0.147	0.130	0.148	0.267	0.308	0.200	1.720	1.703	1.721	1.881	1.773	0.03	Case 103	0.03	Case 104	0.03	Case 105	0.04	Case 106	0.03	Case 107
	Left Edge	0.159	0.157	0.002	0.189	0.235	0.277	0.010	0.320	0.595	0.782	0.828	0.603	0.913										
	Right Edge	0.839	0.826	0.070	0.002	0.089	0.081	0.151	0.021	1.816	1.748	1.835	1.897	1.767	0.03	Case 108	0.03	Case 109	0.03	Case 110	0.04	Case 111	0.04	Case 112
	Top Edge		0.450	0.116	0.031	0.141		0.229	0.042	0.566	0.481	0.591	0.679	0.492										
	Bottom Edge	0.335								0.335	0.335	0.335	0.335	0.335										
Ant 2+6	Front	0.533	0.253	0.113	0.123	0.147	0.182	0.256	0.204	1.081	1.091	1.115	1.224	1.172										
	Back	0.583	0.466	0.147	0.130	0.148	0.267	0.308	0.200	1.463	1.446	1.464	1.624	1.516							0.03	Case 113		
	Left Edge	0.159	0.698	0.002	0.189	0.235	0.277	0.010	0.320	1.136	1.323	1.369	1.144	1.454										
	Right Edge	0.839	0.069	0.070	0.002	0.089	0.081	0.151	0.021	1.059	0.991	1.078	1.140	1.010										
	Top Edge			0.116	0.031	0.141		0.229	0.042	0.116	0.031	0.141	0.229	0.042										
	Bottom Edge	0.335	0.508							0.843	0.843	0.843	0.843	0.843										
Ant 5+6	Front	0.613	0.253	0.113	0.123	0.147	0.182	0.256	0.204	1.161	1.171	1.195	1.304	1.252										
	Back	0.723	0.466	0.147	0.130	0.148	0.267	0.308	0.200	1.603	1.586	1.604	1.764	1.656	0.02	Case 114			0.02	Case 115	0.02	Case 116	0.03	Case 117
	Left Edge	0.157	0.698	0.002	0.189	0.235	0.277	0.010	0.320	1.134	1.321	1.367	1.142	1.452										
	Right Edge	0.826	0.069	0.070	0.002	0.089	0.081	0.151	0.021	1.046	0.978	1.065	1.127	0.997										
	Top Edge	0.450		0.116	0.031	0.141		0.229	0.042	0.566	0.481	0.591	0.679	0.492										
	Bottom Edge		0.508							0.508	0.508	0.508	0.508	0.508										
Ant 5+7	Front	0.613	0.266	0.113	0.123	0.147	0.182	0.256	0.204	1.174	1.184	1.208	1.317	1.265										
	Back	0.723	0.405	0.147	0.130	0.148	0.267	0.308	0.200	1.542	1.525	1.543	1.703	1.595							0.03	Case 118	0.02	Case 119
	Left Edge	0.157	0.048	0.002	0.189	0.235	0.277	0.010	0.320	0.484	0.671	0.717	0.492	0.802										
	Right Edge	0.826	0.739	0.070	0.002	0.089	0.081	0.151	0.021	1.716	1.648	1.735	1.797	1.667	0.02	Case 120	0.02	Case 121	0.03	Case 122	0.03	Case 123	0.03	Case 124
	Top Edge	0.450		0.116	0.031	0.141		0.229	0.042	0.566	0.481	0.591	0.679	0.492										
	Bottom Edge		0.118							0.118	0.118	0.118	0.118	0.118										
Ant 6+7	Front	0.253	0.266	0.113	0.123	0.147	0.182	0.256	0.204	0.814	0.824	0.848	0.957	0.905										
	Back	0.466	0.405	0.147	0.130	0.148	0.267	0.308	0.200	1.285	1.268	1.286	1.446	1.338										
	Left Edge	0.698	0.048	0.002	0.189	0.235	0.277	0.010	0.320	1.025	1.212	1.258	1.033	1.343										
	Right Edge	0.069	0.739	0.070	0.002	0.089	0.081	0.151	0.021	0.959	0.891	0.978	1.040	0.910										
	Top Edge			0.116	0.031	0.141		0.229	0.042	0.116	0.031	0.141	0.229	0.042										
	Bottom Edge	0.508	0.118							0.626	0.626	0.626	0.626	0.626										

D.5 Body-worn Sim-Tx analysis

<WLAN Index5>

Exposure Position	2	3	4	5	2 Summed 1g SAR (W/kg)	3 Summed 1g SAR (W/kg)	4 Summed 1g SAR (W/kg)	5 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3				
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
Front	0.288	0.397	0.457	0.256	**0.288**	**0.397**	**0.457**	**0.256**
Back	0.359	0.459	0.517	0.502	**0.359**	**0.459**	**0.517**	**0.502**

<WLAN Index6, BT Index2>

Exposure Position	2	3	4	5	6	7	2+5 Summed 1g SAR (W/kg)	3+5 Summed 1g SAR (W/kg)	4+5 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)	5+7 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					
	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	0.288	0.397	0.457	0.256	0.287	0.262	**0.544**	**0.653**	**0.713**	**0.543**	**0.518**
Back	0.359	0.459	0.517	0.502	0.346	0.280	**0.861**	**0.961**	**1.019**	**0.848**	**0.782**

<WWAN Index5>

Exposure Position	Max Ant 0	Max Ant 1	Max Ant 2	Max Ant 5	Max Ant 6	Max Ant 7	Ant 0+1 Summed 1g SAR (W/kg)	Ant 0+2 Summed 1g SAR (W/kg)	Ant 0+5 Summed 1g SAR (W/kg)	Ant 0+7 Summed 1g SAR (W/kg)	Ant 1+2 Summed 1g SAR (W/kg)	Ant 1+6 Summed 1g SAR (W/kg)	Ant 1+7 Summed 1g SAR (W/kg)	Ant 2+5 Summed 1g SAR (W/kg)	Ant 2+6 Summed 1g SAR (W/kg)	Ant 5+6 Summed 1g SAR (W/kg)	Ant 5+7 Summed 1g SAR (W/kg)	Ant 6+7 Summed 1g SAR (W/kg)	Ant 0+1 SPLSR	Ant 0+1 Case No	Ant 0+2 SPLSR	Ant 0+2 Case No	Ant 0+5 SPLSR	Ant 0+5 Case No	Ant 1+2 SPLSR	Ant 1+2 Case No
	WWAN	WWAN	WWAN	WWAN	WWAN	WWAN																				
	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 at 10mm	0.833	0.722	0.703	0.720	0.310	0.308	1.555	1.536	1.553	1.141	1.425	1.032	1.030	1.423	1.013	1.030	1.028	0.618								
Back at 10mm	0.990	0.990	0.686	0.849	0.573	0.457	**1.980**	**1.676**	**1.839**	1.447	**1.676**	1.563	1.447	1.535	1.259	1.422	1.306	1.030	0.02	Case 4	0.04	Case 5	0.02	Case 6	0.02	Case 7

<WWAN Index6, WLAN Index7>

	Exposure Position	0 Maximum WWAN 1g SAR (W/kg)	1 Maximum WWAN 1g SAR (W/kg)	2 WLAN2.4GHz Ant 4 1g SAR (W/kg)	3 WLAN2.4GHz Ant 3 1g SAR (W/kg)	4 WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	0+1+2 Summed 1g SAR (W/kg)	0+1+3 Summed 1g SAR (W/kg)	0+1+4 Summed 1g SAR (W/kg)	0+1+5 Summed 1g SAR (W/kg)	0+1+2 SPLSR	0+1+2 Case	0+1+3 SPLSR	0+1+3 Case	0+1+4 SPLSR	0+1+4 Case	0+1+5 SPLSR	0+1+5 Case
Ant 0+1	Front	0.709	0.615	0.281	0.148	0.207	0.210	1.605	1.472	1.531	1.534	0.01	Case 125						
	Back	0.843	0.843	0.314	0.165	0.209	0.379	2.000	1.851	1.895	2.065	0.02	Case 126	0.02	Case 127	0.02	Case 128	0.02	Case 129
Ant 0+2	Front	0.709	0.598	0.281	0.148	0.207	0.210	1.588	1.455	1.514	1.517								
	Back	0.843	0.583	0.314	0.165	0.209	0.379	1.740	1.591	1.635	1.805	0.04	Case 130			0.04	Case 131	0.02	Case 132
Ant 0+5	Front	0.709	0.613	0.281	0.148	0.207	0.210	1.603	1.470	1.529	1.532	0.02	Case 133						
	Back	0.843	0.723	0.314	0.165	0.209	0.379	1.880	1.731	1.775	1.945	0.02	Case 134	0.02	Case 135	0.02	Case 136	0.02	Case 137
Ant 0+7	Front	0.709	0.262	0.281	0.148	0.207	0.210	1.252	1.119	1.178	1.181								
	Back	0.843	0.389	0.314	0.165	0.209	0.379	1.546	1.397	1.441	1.611							0.04	Case 138
Ant 1+2	Front	0.615	0.598	0.281	0.148	0.207	0.210	1.494	1.361	1.420	1.423								
	Back	0.843	0.583	0.314	0.165	0.209	0.379	1.740	1.591	1.635	1.805	0.02	Case 139			0.02	Case 140	0.02	Case 141
Ant 1+6	Front	0.615	0.264	0.281	0.148	0.207	0.210	1.160	1.027	1.086	1.089								
	Back	0.843	0.488	0.314	0.165	0.209	0.379	1.645	1.496	1.540	1.710	0.02	Case 142					0.02	Case 143
Ant 1+7	Front	0.615	0.262	0.281	0.148	0.207	0.210	1.158	1.025	1.084	1.087								
	Back	0.843	0.389	0.314	0.165	0.209	0.379	1.546	1.397	1.441	1.611							0.02	Case 144
Ant 2+5	Front	0.598	0.613	0.281	0.148	0.207	0.210	1.492	1.359	1.418	1.421								
	Back	0.583	0.723	0.314	0.165	0.209	0.379	1.620	1.471	1.515	1.685	0.03	Case 145					0.03	Case 146
Ant 2+6	Front	0.598	0.264	0.281	0.148	0.207	0.210	1.143	1.010	1.069	1.072								
	Back	0.583	0.488	0.314	0.165	0.209	0.379	1.385	1.236	1.280	1.450								
Ant 5+6	Front	0.613	0.264	0.281	0.148	0.207	0.210	1.158	1.025	1.084	1.087								
	Back	0.723	0.488	0.314	0.165	0.209	0.379	1.525	1.376	1.420	1.590								
Ant 5+7	Front	0.613	0.262	0.281	0.148	0.207	0.210	1.156	1.023	1.082	1.085								
	Back	0.723	0.389	0.314	0.165	0.209	0.379	1.426	1.277	1.321	1.491								
Ant 6+7	Front	0.264	0.262	0.281	0.148	0.207	0.210	0.807	0.674	0.733	0.736								
	Back	0.488	0.389	0.314	0.165	0.209	0.379	1.191	1.042	1.086	1.256								

<WWAN Index 6, WLAN Index 8, BT Index2>

	Exposure Position	0 Maximum WWAN 1g SAR (W/kg)	1 Maximum WWAN 1g SAR (W/kg)	2 WLAN2.4GHz Ant 4 1g SAR (W/kg)	3 WLAN2.4GHz Ant 3 1g SAR (W/kg)	4 WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	6 Bluetooth Ant 4 1g SAR (W/kg)	7 Bluetooth Ant 3 1g SAR (W/kg)	0+1+2+5 Summed 1g SAR (W/kg)	0+1+3+5 Summed 1g SAR (W/kg)	0+1+4+5 Summed 1g SAR (W/kg)	0+1+5+6 Summed 1g SAR (W/kg)	0+1+5+7 Summed 1g SAR (W/kg)	0+1+2+5 SPLSR	0+1+2+5 Case	0+1+3+5 SPLSR	0+1+3+5 Case	0+1+4+5 SPLSR	0+1+4+5 Case	0+1+5+6 SPLSR	0+1+5+6 Case	0+1+5+7 SPLSR	0+1+5+7 Case
Ant 0+1	Front	0.709	0.615	0.113	0.123	0.147	0.189	0.256	0.204	1.626	1.636	1.660	1.769	1.717	0.01	Case 147	0.02	Case 148	0.02	Case 149	0.02	Case 150	0.02	Case 151
	Back	0.843	0.843	0.147	0.130	0.148	0.296	0.308	0.200	2.129	2.112	2.130	2.290	2.182	0.03	Case 152	0.03	Case 153	0.03	Case 154	0.03	Case 155	0.03	Case 156
Ant 0+2	Front	0.709	0.598	0.113	0.123	0.147	0.189	0.256	0.204	1.609	1.619	1.643	1.752	1.700	0.03	Case 157	0.03	Case 158	0.03	Case 159	0.04	Case 160	0.04	Case 161
	Back	0.843	0.583	0.147	0.130	0.148	0.296	0.308	0.200	1.869	1.852	1.870	2.030	1.922	0.02	Case 162	0.02	Case 163	0.02	Case 164	0.02	Case 165	0.02	Case 166
Ant 0+5	Front	0.709	0.613	0.113	0.123	0.147	0.189	0.256	0.204	1.624	1.634	1.658	1.767	1.715	0.02	Case 167	0.02	Case 168	0.02	Case 169	0.02	Case 170	0.02	Case 171
	Back	0.843	0.723	0.147	0.130	0.148	0.296	0.308	0.200	2.009	1.992	2.010	2.170	2.062	0.03	Case 172	0.03	Case 173	0.03	Case 174	0.03	Case 175	0.03	Case 176
Ant 0+7	Front	0.709	0.262	0.113	0.123	0.147	0.189	0.256	0.204	1.273	1.283	1.307	1.416	1.364										
	Back	0.843	0.389	0.147	0.130	0.148	0.296	0.308	0.200	1.675	1.658	1.676	1.836	1.728	0.04	Case 177	0.04	Case 178	0.04	Case 179	0.04	Case 180	0.04	Case 181
Ant 1+2	Front	0.615	0.598	0.113	0.123	0.147	0.189	0.256	0.204	1.515	1.525	1.549	1.658	1.606							0.02	Case 182	0.02	Case 183
	Back	0.843	0.583	0.147	0.130	0.148	0.296	0.308	0.200	1.869	1.852	1.870	2.030	1.922	0.02	Case 184	0.03	Case 185	0.02	Case 186	0.03	Case 187	0.03	Case 188
Ant 1+6	Front	0.615	0.264	0.113	0.123	0.147	0.189	0.256	0.204	1.181	1.191	1.215	1.324	1.272										
	Back	0.843	0.488	0.147	0.130	0.148	0.296	0.308	0.200	1.774	1.757	1.775	1.935	1.827	0.02	Case 189	0.03	Case 190	0.03	Case 191	0.03	Case 192	0.03	Case 193
Ant 1+7	Front	0.615	0.262	0.113	0.123	0.147	0.189	0.256	0.204	1.179	1.189	1.213	1.322	1.270										
	Back	0.843	0.389	0.147	0.130	0.148	0.296	0.308	0.200	1.675	1.658	1.676	1.836	1.728	0.02	Case 194	0.02	Case 195	0.02	Case 196	0.02	Case 197	0.02	Case 198
Ant 2+5	Front	0.598	0.613	0.113	0.123	0.147	0.189	0.256	0.204	1.513	1.523	1.547	1.656	1.604							0.03	Case 199	0.03	Case 200
	Back	0.583	0.723	0.147	0.130	0.148	0.296	0.308	0.200	1.749	1.732	1.750	1.910	1.802	0.03	Case 201	0.03	Case 202	0.03	Case 203	0.04	Case 204	0.03	Case 205
Ant 2+6	Front	0.598	0.264	0.113	0.123	0.147	0.189	0.256	0.204	1.164	1.174	1.198	1.307	1.255										
	Back	0.583	0.488	0.147	0.130	0.148	0.296	0.308	0.200	1.514	1.497	1.515	1.675	1.567							0.03	Case 206		
Ant 5+6	Front	0.613	0.264	0.113	0.123	0.147	0.189	0.256	0.204	1.179	1.189	1.213	1.322	1.270										
	Back	0.723	0.488	0.147	0.130	0.148	0.296	0.308	0.200	1.654	1.637	1.655	1.815	1.707	0.02	Case 207	0.03	Case 208	0.03	Case 209	0.02	Case 210	0.03	Case 211
Ant 5+7	Front	0.613	0.262	0.113	0.123	0.147	0.189	0.256	0.204	1.177	1.187	1.211	1.320	1.268										
	Back	0.723	0.389	0.147	0.130	0.148	0.296	0.308	0.200	1.555	1.538	1.556	1.716	1.608							0.03	Case 212	0.02	Case 213
Ant 6+7	Front	0.264	0.262	0.113	0.123	0.147	0.189	0.256	0.204	0.828	0.838	0.862	0.971	0.919										
	Back	0.488	0.389	0.147	0.130	0.148	0.296	0.308	0.200	1.320	1.303	1.321	1.481	1.373										

D.6 Product Specific Sim-Tx analysis

<WLAN Index5, NFC>

Exposure Position	5 WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	8 NFC 10g SAR (W/kg)	5+8 Summed 10g SAR (W/kg)
Front	1.417	0.001	**1.418**
Back	0.592	0.021	**0.613**
Left side	1.805	0.001	**1.806**
Right side	0.368	0.001	**0.369**
Top side	0.597	0.001	**0.598**
Bottom side			

<WLAN Index6, NFC>

Exposure Position	5 WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	8 NFC 10g SAR (W/kg)	5+8 Summed 10g SAR (W/kg)
Front	1.417	0.001	**1.418**
Back	0.592	0.021	**0.613**
Left side	1.805	0.001	**1.806**
Right side	0.368	0.001	**0.369**
Top side	0.597	0.001	**0.598**
Bottom side			

<WWAN Index5, WLAN Index7, NFC>

Exposure Position	1 WWAN 10g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	8 NFC 10g SAR (W/kg)	1+5+8 Summed 10g SAR (W/kg)
Front		1.184	0.001	**1.185**
Back		0.592	0.021	**0.613**
Left side		1.453	0.001	**1.454**
Right side		0.392	0.001	**0.393**
Top side		0.672	0.001	**0.673**
Bottom side	2.471			**2.471**

<WWAN Index5, WLAN Index8, NFC>

Exposure Position	1 WWAN 10g SAR (W/kg)	5 WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	8 NFC 10g SAR (W/kg)	1+5+8 Summed 10g SAR (W/kg)
Front		0.843	0.001	**0.844**
Back		0.384	0.021	**0.405**
Left side		1.132	0.001	**1.133**
Right side		0.277	0.001	**0.278**
Top side		0.538	0.001	**0.539**
Bottom side	2.471			**2.471**

D.6 SAR Peak Location Distance and SPSLR analysis

<Case 1>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)	0.586	0.641	0.588	0.823	0.629	0.658	0.755	0.717	0.691	0.920	0.619	0.570	0.908	0.845	0.531	0.429
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR	0+12 Summed SAR	0+13 Summed SAR	0+14 Summed SAR	0+15 Summed SAR	0+16 Summed SAR	0+17 Summed SAR	0+18 Summed SAR	0+19 Summed SAR	0+20 Summed SAR	0+21 Summed SAR	0+22 Summed SAR	0+23 Summed SAR	0+24 Summed SAR
GSM850_Ant 1 TX1	0.839	1.425	1.480	1.427	1.662	1.468	1.497	1.594	1.556	1.530	1.759	1.458	1.409	1.747	1.684	1.370	1.268
WCDMA V_Ant 1 TX1	0.903	1.489	1.544	1.491	1.726	1.532	1.561	1.658	1.620	1.594	1.823	1.522	1.473	1.811	1.748	1.434	1.332
LTE Band 12_Ant 1 TX1	0.804	1.390	1.445	1.392	1.627	1.433	1.462	1.559	1.521	1.495	1.724	1.423	1.374	1.712	1.649	1.335	1.233
LTE Band 13_Ant 1 TX1	0.842	1.428	1.483	1.430	1.665	1.471	1.500	1.597	1.559	1.533	1.762	1.461	1.412	1.750	1.687	1.373	1.271
LTE Band 14_Ant 1 TX1	0.900	1.486	1.541	1.488	1.723	1.529	1.558	1.655	1.617	1.591	1.820	1.519	1.470	1.808	1.745	1.431	1.329
LTE Band 25_Ant 1 Sub TX0	0.823	1.409	1.464	1.411	1.646	1.452	1.481	1.578	1.540	1.514	1.743	1.442	1.393	1.731	1.668	1.354	1.252
LTE Band 26_Ant 1 TX1	0.798	1.384	1.439	1.386	1.621	1.427	1.456	1.553	1.515	1.489	1.718	1.417	1.368	1.706	1.643	1.329	1.227
LTE Band 66_Ant 1 Sub TX0	0.977	1.563	1.618	1.565	1.800	1.606	1.635	1.732	1.694	1.668	1.897	1.596	1.547	1.885	1.822	1.508	1.406
LTE Band 71_Ant 1 TX1	0.922	1.508	1.563	1.510	1.745	1.551	1.580	1.677	1.639	1.613	1.842	1.541	1.492	1.830	1.767	1.453	1.351
FR1 n12_Ant 1 TX1	0.916	1.502	1.557	1.504	1.739	1.545	1.574	1.671	1.633	1.607	1.836	1.535	1.486	1.824	1.761	1.447	1.345
FR1 n14_Ant 1 TX1	0.921	1.507	1.562	1.509	1.744	1.550	1.579	1.676	1.638	1.612	1.841	1.540	1.491	1.829	1.766	1.452	1.350
FR1 n25_Ant 1 Sub TX0	0.916	1.502	1.557	1.504	1.739	1.545	1.574	1.671	1.633	1.607	1.836	1.535	1.486	1.824	1.761	1.447	1.345
FR1 n26_Ant 1 TX1	0.922	1.508	1.563	1.510	1.745	1.551	1.580	1.677	1.639	1.613	1.842	1.541	1.492	1.830	1.767	1.453	1.351
FR1 n41_Ant 1 Sub TX0	0.893	1.479	1.534	1.481	1.716	1.522	1.551	1.648	1.610	1.584	1.813	1.512	1.463	1.801	1.738	1.424	1.322
FR1 n48_Ant 1 Sub TX0	0.859	1.445	1.500	1.447	1.682	1.488	1.517	1.614	1.576	1.550	1.779	1.478	1.429	1.767	1.704	1.390	1.288
FR1 n66_Ant 1 Sub TX0	0.911	1.497	1.552	1.499	1.734	1.540	1.569	1.666	1.628	1.602	1.831	1.530	1.481	1.819	1.756	1.442	1.340
FR1 n71_Ant 1 TX1	0.772	1.358	1.413	1.360	1.595	1.401	1.430	1.527	1.489	1.463	1.692	1.391	1.342	1.680	1.617	1.303	1.201
FR1 n77_Ant 1 Sub TX0	0.891	1.477	1.532	1.479	1.714	1.520	1.549	1.646	1.608	1.582	1.811	1.510	1.461	1.799	1.736	1.422	1.320

SAR peak location (mm)			X (axis)		55	56.9	55.1	53.6	56.2	55.8	52.7	51.6	57.1	52.4	56.9	51.3	51.4	54	53.7	53.2
			Y (axis)		-251.3	-247.8	-247.2	-243	-245	-247.2	-252.2	-250.4	-248.2	-248.8	-247.6	-248.5	-250.7	-249.2	-246.8	-248.8
			Z (axis)		-174.4	-173.7	-173.9	-173.6	-173.4	-173.8	-174.8	-174.7	-173.7	-174.4	-173.6	-174.5	-174.7	-177.2	-176.8	-177
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)	0.586	0.641	0.588	0.823	0.629	0.658	0.755	0.717	0.691	0.92	0.619	0.57	0.908	0.845	0.531	0.429
					0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results	0+12 SPLSR Results	0+13 SPLSR Results	0+14 SPLSR Results	0+15 SPLSR Results	0+16 SPLSR Results	0+17 SPLSR Results	0+18 SPLSR Results	0+19 SPLSR Results	0+20 SPLSR Results	0+21 SPLSR Results	0+22 SPLSR Results	0+23 SPLSR Results	0+24 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.839				0.02						0.03			0.03	0.02		
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.903				0.02			0.03	0.02		0.03			0.03	0.03		
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.804				0.02						0.02			0.02	0.02		
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.842				0.02			0.02			0.03			0.03	0.02		
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.900				0.03			0.03	0.03		0.03			0.03	0.03		
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.823				0.02						0.03			0.03	0.02		
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.798				0.02						0.03			0.03	0.02		
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.977		0.02		0.03	0.02	0.02	0.03	0.03	0.02	0.03	0.02		0.03	0.03		
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.922				0.03			0.03	0.02	0.02	0.03			0.03	0.03		
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.916				0.02			0.03	0.02	0.02	0.03			0.03	0.03		
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.921				0.03			0.03	0.02	0.02	0.03			0.03	0.03		
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.916				0.02			0.03	0.02	0.02	0.03			0.03	0.03		
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.922				0.03			0.03	0.02	0.02	0.03			0.03	0.03		
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.893				0.02			0.03	0.02		0.03			0.03	0.03		
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.859				0.02			0.03			0.03			0.03	0.03		
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.911				0.02			0.02	0.02	0.02	0.03			0.03	0.03		
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.772				0.02						0.03			0.03	0.02		
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.891				0.02			0.03	0.02		0.03			0.03	0.03		

<Case 2>

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
Left Cheek	1g SAR (W/kg)	0.154	0.223	0.957
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR
GSM850_Ant 1 TX1	0.533	0.687	0.756	1.490
WCDMA V_Ant 1 TX1	0.512	0.666	0.735	1.469
LTE Band 12_Ant 1 TX1	0.784	0.938	1.007	1.741
LTE Band 13_Ant 1 TX1	0.652	0.806	0.875	1.609
LTE Band 14_Ant 1 TX1	0.485	0.639	0.708	1.442
LTE Band 25_Ant 1 Sub TX0	0.196	0.350	0.419	1.153
LTE Band 26_Ant 1 TX1	0.567	0.721	0.790	1.524
LTE Band 66_Ant 1 Sub TX0	0.385	0.539	0.608	1.342
LTE Band 71_Ant 1 TX1	0.348	0.502	0.571	1.305
FR1 n12_Ant 1 TX1	0.577	0.731	0.800	1.534
FR1 n14_Ant 1 TX1	0.481	0.635	0.704	1.438
FR1 n25_Ant 1 Sub TX0	0.363	0.517	0.586	1.320
FR1 n26_Ant 1 TX1	0.460	0.614	0.683	1.417
FR1 n41_Ant 1 Sub TX0	0.286	0.440	0.509	1.243
FR1 n48_Ant 1 Sub TX0	0.130	0.284	0.353	1.087
FR1 n66_Ant 1 Sub TX0	0.344	0.498	0.567	1.301
FR1 n71_Ant 1 TX1	0.577	0.731	0.800	1.534
FR1 n77_Ant 1 Sub TX0	0.216	0.370	0.439	1.173

SAR peak location (mm)			X (axis)		54.1	53.5	57.6
			Y (axis)		243.1	245.9	248.6
			Z (axis)		-173.5	-176.6	-176.1
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	9	10	11
				WWAN SAR	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Cheek	1g SAR (W/kg)	0.154	0.223	0.957
					0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results
0.7	297.5	-171.2	GSM850_Ant 1 TX1	0.533			
4.1	299.6	-172	WCDMA V_Ant 1 TX1	0.512			
0.6	298.2	-171.3	LTE Band 12_Ant 1 TX1	0.784			0.03
0.5	297.1	-171.1	LTE Band 13_Ant 1 TX1	0.652			0.03
0.6	306.4	-172	LTE Band 14_Ant 1 TX1	0.485			
-5.1	286.3	-168.2	LTE Band 25_Ant 1 Sub TX0	0.196			
2.1	304.9	-172.1	LTE Band 26_Ant 1 TX1	0.567			
-6.9	298.2	-169.7	LTE Band 66_Ant 1 Sub TX0	0.385			
-1.6	298.9	-170.9	LTE Band 71_Ant 1 TX1	0.348			
2.8	301.1	-171.9	FR1 n12_Ant 1 TX1	0.577			
0.2	299.7	-171.3	FR1 n14_Ant 1 TX1	0.481			
-1.9	296.1	-170.5	FR1 n25_Ant 1 Sub TX0	0.363			
2.6	302.6	-172	FR1 n26_Ant 1 TX1	0.460			
-1.2	290.2	-169.9	FR1 n41_Ant 1 Sub TX0	0.286			
-3.6	299.1	-170.5	FR1 n48_Ant 1 Sub TX0	0.130			
-6	298.8	-170	FR1 n66_Ant 1 Sub TX0	0.344			
1.2	301.1	-171.6	FR1 n71_Ant 1 TX1	0.577			
-0.7	299	-171.1	FR1 n77_Ant 1 Sub TX0	0.216			

<Case 3>

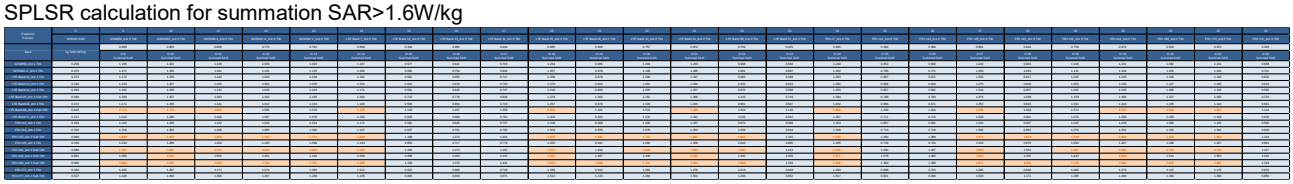
SPLSR calculation for summation SAR>1.6W/kg

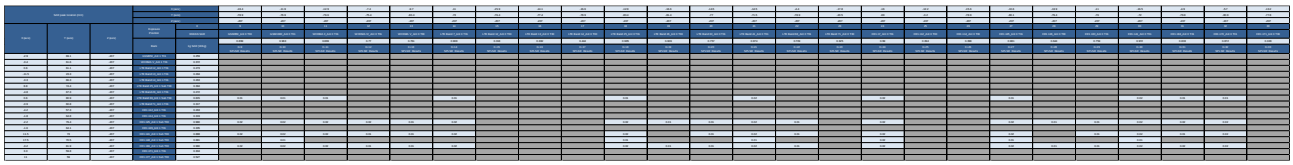
Exposure Position	0	9	10	11
	WWAN SAR	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)	0.154	0.223	0.957
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.832	0.986	1.055	1.789
LTE Band 66_Ant 5 Sub TX1	0.787	0.941	1.010	1.744
FR1 n25_Ant 5 Sub TX1	0.906	1.060	1.129	1.863
FR1 n66_Ant 5 Sub TX1	0.889	1.043	1.112	1.846
FR1 n41_Ant 5 Sub TX1	0.873	1.027	1.096	1.830
FR1 n48_Ant 5 Sub TX1	0.792	0.946	1.015	1.749
FR1 n77_Ant 5 Sub TX1	0.749	0.903	0.972	1.706

SAR peak location (mm)			X (axis)		54.1	53.5	57.6
			Y (axis)		243.1	245.9	248.6
			Z (axis)		-173.5	-176.6	-176.1
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	9	10	11
				WWAN SAR	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Cheek	1g SAR (W/kg)	0.154	0.223	0.957
					0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results
56.6	323.4	-173.8	LTE Band 25_Ant 5 Sub TX1	0.832			0.03
53.7	324.3	-174.2	LTE Band 66_Ant 5 Sub TX1	0.787			0.03
55.6	322.4	-174.1	FR1 n25_Ant 5 Sub TX1	0.906			0.03
56.6	322.8	-173.8	FR1 n66_Ant 5 Sub TX1	0.889			0.03
51.5	323.7	-174.6	FR1 n41_Ant 5 Sub TX1	0.873			0.03
51.7	322.6	-174.7	FR1 n48_Ant 5 Sub TX1	0.792			0.03
50.7	322.3	-174.8	FR1 n77_Ant 5 Sub TX1	0.749			0.03

<Case 4>

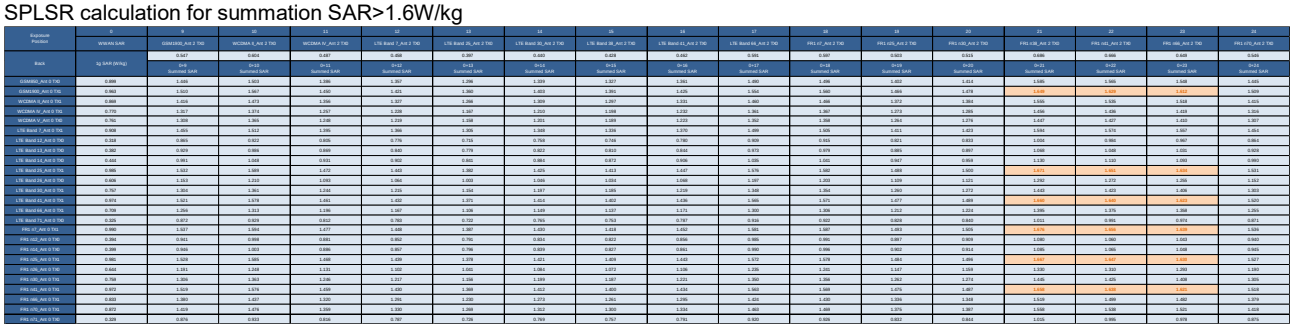
SPLSR calculation for summation SAR>1.6W/kg

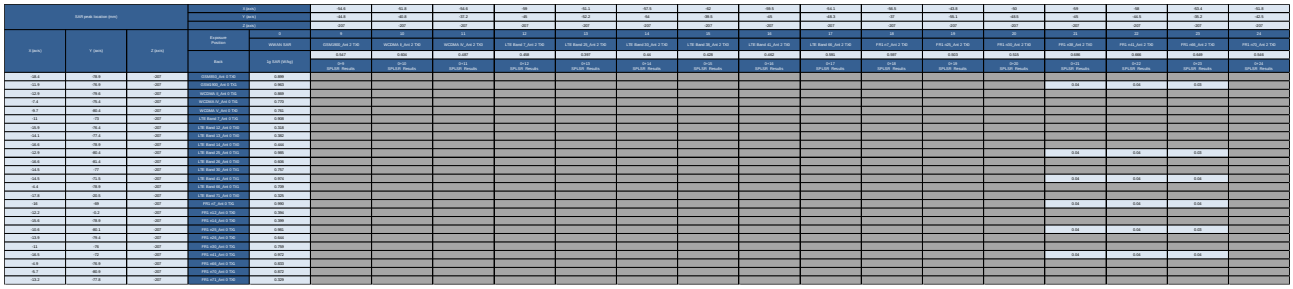




<Case 5>

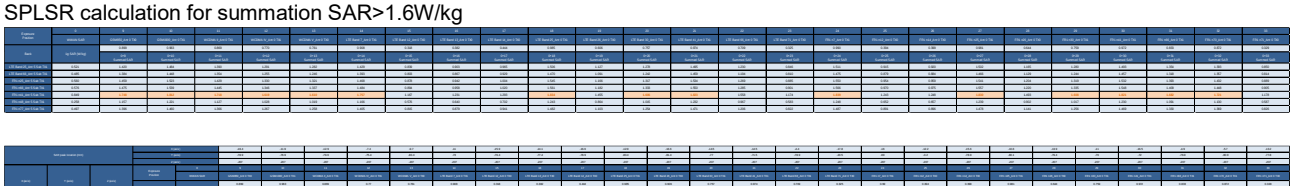
SPLSR calculation for summation SAR>1.6W/kg

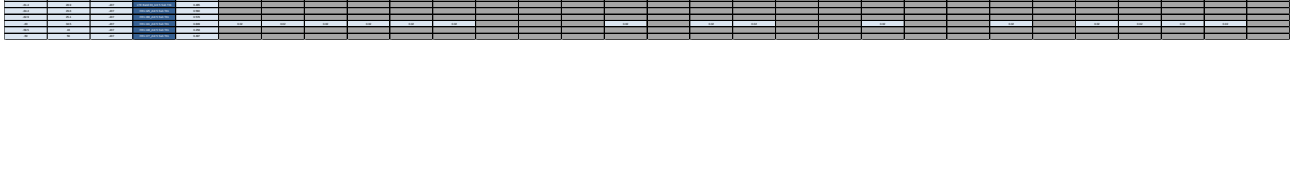




<Case 6>

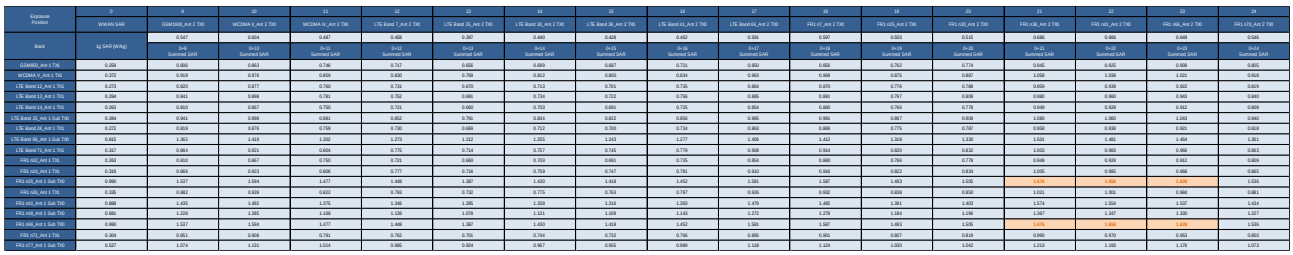
SPLSR calculation for summation SAR>1.6W/kg

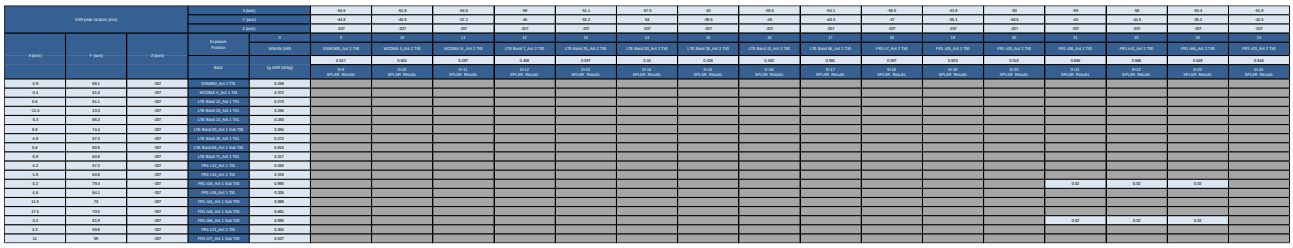




<Case 7>

SPLSR calculation for summation SAR>1.6W/kg





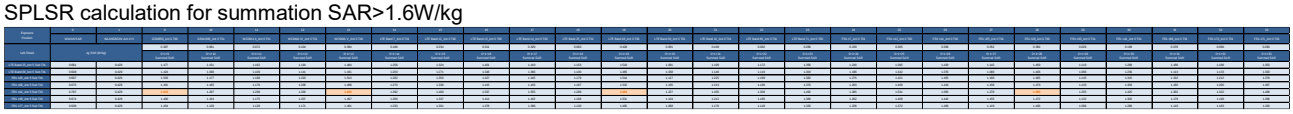
<Case 8>

SPLSR calculation for summation SAR>1.6W/kg

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.428	55.1	265.4	-175.7	58.4	1.23	0.02	Not required
Max WWAN Ant 5	0.797	51.5	323.7	-174.6				
Max WWAN Ant 0	0.428	55.1	265.4	-175.7	75.9	0.85	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 0	0.428	55.1	265.4	-175.7	29.9	0.60	0.02	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	30.8	1.22	0.04	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	69.7	0.97	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	75.2	0.59	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				

<Case 9>

SPLSR calculation for summation SAR>1.6W/kg



Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.428	55.1	265.4	-175.7	43.3	0.66	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9				
WWAN Ant 5 + WLAN5/6G Ant 4+3(4)	1.226	51.5	323.7	-174.6	58.4	1.65	0.04	Not required
Max WWAN Ant 0	0.428	55.1	265.4	-175.7				
WWAN Ant 5 + WLAN5/6G Ant 4+3(4)	1.226	25.9	328.4	-174.8	71.1	1.46	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9				

<Case 10>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)		0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.570	0.621	0.655	0.531	0.429
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.684	0.216	1.486	1.541	1.488	1.585	1.529	1.558	1.588	1.554	1.591	1.592	1.519	1.470	1.521	1.555	1.431	1.329
WCDMA V_Ant 1 TX1	0.724	0.216	1.526	1.581	1.528	1.625	1.569	1.598	1.628	1.594	1.631	1.632	1.559	1.510	1.561	1.595	1.471	1.369
LTE Band 12_Ant 1 TX1	0.684	0.216	1.486	1.541	1.488	1.585	1.529	1.558	1.588	1.554	1.591	1.592	1.519	1.470	1.521	1.555	1.431	1.329
LTE Band 13_Ant 1 TX1	0.716	0.216	1.518	1.573	1.520	1.617	1.561	1.590	1.620	1.586	1.623	1.624	1.551	1.502	1.553	1.587	1.463	1.361
LTE Band 14_Ant 1 TX1	0.749	0.216	1.551	1.606	1.553	1.650	1.594	1.623	1.653	1.619	1.656	1.657	1.584	1.535	1.586	1.620	1.496	1.394
LTE Band 25_Ant 1 Sub TX0	0.701	0.216	1.503	1.558	1.505	1.602	1.546	1.575	1.605	1.571	1.608	1.609	1.536	1.487	1.538	1.572	1.448	1.346
LTE Band 26_Ant 1 TX1	0.619	0.216	1.421	1.476	1.423	1.520	1.464	1.493	1.523	1.489	1.526	1.527	1.454	1.405	1.456	1.490	1.366	1.264
LTE Band 66_Ant 1 Sub TX0	0.741	0.216	1.543	1.598	1.545	1.642	1.586	1.615	1.645	1.611	1.648	1.649	1.576	1.527	1.578	1.612	1.488	1.386
LTE Band 71_Ant 1 TX1	0.750	0.216	1.552	1.607	1.554	1.651	1.595	1.624	1.654	1.620	1.657	1.658	1.585	1.536	1.587	1.621	1.497	1.395
FR1 n12_Ant 1 TX1	0.744	0.216	1.546	1.601	1.548	1.645	1.589	1.618	1.648	1.614	1.651	1.652	1.579	1.530	1.581	1.615	1.491	1.389
FR1 n14_Ant 1 TX1	0.749	0.216	1.551	1.606	1.553	1.650	1.594	1.623	1.653	1.619	1.656	1.657	1.584	1.535	1.586	1.620	1.496	1.394
FR1 n25_Ant 1 Sub TX0	0.744	0.216	1.546	1.601	1.548	1.645	1.589	1.618	1.648	1.614	1.651	1.652	1.579	1.530	1.581	1.615	1.491	1.389
FR1 n26_Ant 1 TX1	0.749	0.216	1.551	1.606	1.553	1.650	1.594	1.623	1.653	1.619	1.656	1.657	1.584	1.535	1.586	1.620	1.496	1.394
FR1 n41_Ant 1 Sub TX0	0.738	0.216	1.540	1.595	1.542	1.639	1.583	1.612	1.642	1.608	1.645	1.646	1.573	1.524	1.575	1.609	1.485	1.383
FR1 n48_Ant 1 Sub TX0	0.731	0.216	1.533	1.588	1.535	1.632	1.576	1.605	1.635	1.601	1.638	1.639	1.566	1.517	1.568	1.602	1.478	1.376
FR1 n66_Ant 1 Sub TX0	0.664	0.216	1.466	1.521	1.468	1.565	1.509	1.538	1.568	1.534	1.571	1.572	1.499	1.450	1.501	1.535	1.411	1.309
FR1 n71_Ant 1 TX1	0.657	0.216	1.459	1.514	1.461	1.558	1.502	1.531	1.561	1.527	1.564	1.565	1.492	1.443	1.494	1.528	1.404	1.302
FR1 n77_Ant 1 Sub TX0	0.695	0.216	1.497	1.552	1.499	1.596	1.540	1.569	1.599	1.565	1.602	1.603	1.530	1.481	1.532	1.566	1.442	1.340

SAR peak location (mm)			X (axis)		49.7	55	56.9	55.1	53.6	56.2	55.8	52.7	51.6	57.1	52.4	56.9	51.3	51.4	54	53.7	53.2
			Y (axis)		-325.5	-251.3	-247.8	-247.2	-243	-245	-247.2	-252.2	-250.4	-248.2	-248.8	-247.6	-248.5	-250.7	-249.2	-246.8	-248.8
			Z (axis)		-174.6	-174.4	-173.7	-173.9	-173.6	-173.4	-173.8	-174.8	-174.7	-173.7	-174.4	-173.6	-174.5	-174.7	-177.2	-176.8	-177
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)		0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.57	0.621	0.655	0.531	0.429
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.684	0.216																
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.724	0.216				0.03		0.03	0.03		0.03	0.03				0.03		
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.684	0.216																
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.716	0.216				0.02			0.03		0.03	0.03						
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.749	0.216		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.701	0.216				0.02			0.03		0.03	0.03						
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.619	0.216																
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.741	0.216		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.750	0.216		0.03		0.03	0.02	0.03	0.03	0.03	0.03	0.03				0.03		
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.744	0.216		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.749	0.216		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.744	0.216		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.749	0.216		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.738	0.216		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.731	0.216				0.03		0.03	0.03	0.03	0.03	0.03				0.03		
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.664	0.216																
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.657	0.216																
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.695	0.216				0.02			0.03		0.03	0.03						

<Case 11>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)		0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.570	0.621	0.655	0.531	0.429
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.684	0.233	1.503	1.558	1.505	1.602	1.546	1.575	1.605	1.571	1.608	1.609	1.536	1.487	1.538	1.572	1.448	1.346
WCDMA V_Ant 1 TX1	0.724	0.233	1.543	1.598	1.545	1.642	1.586	1.615	1.645	1.611	1.648	1.649	1.576	1.527	1.578	1.612	1.488	1.386
LTE Band 12_Ant 1 TX1	0.684	0.233	1.503	1.558	1.505	1.602	1.546	1.575	1.605	1.571	1.608	1.609	1.536	1.487	1.538	1.572	1.448	1.346
LTE Band 13_Ant 1 TX1	0.716	0.233	1.535	1.590	1.537	1.634	1.578	1.607	1.637	1.603	1.640	1.641	1.568	1.519	1.570	1.604	1.480	1.378
LTE Band 14_Ant 1 TX1	0.749	0.233	1.568	1.623	1.570	1.667	1.611	1.640	1.670	1.636	1.673	1.674	1.601	1.552	1.603	1.637	1.513	1.411
LTE Band 25_Ant 1 Sub TX0	0.701	0.233	1.520	1.575	1.522	1.619	1.563	1.592	1.622	1.588	1.625	1.626	1.553	1.504	1.555	1.589	1.465	1.363
LTE Band 26_Ant 1 TX1	0.619	0.233	1.438	1.493	1.440	1.537	1.481	1.510	1.540	1.506	1.543	1.544	1.471	1.422	1.473	1.507	1.383	1.281
LTE Band 66_Ant 1 Sub TX0	0.741	0.233	1.560	1.615	1.562	1.659	1.603	1.632	1.662	1.628	1.665	1.666	1.593	1.544	1.595	1.629	1.505	1.403
LTE Band 71_Ant 1 TX1	0.750	0.233	1.569	1.624	1.571	1.668	1.612	1.641	1.671	1.637	1.674	1.675	1.602	1.553	1.604	1.638	1.514	1.412
FR1 n12_Ant 1 TX1	0.744	0.233	1.563	1.618	1.565	1.662	1.606	1.635	1.665	1.631	1.668	1.669	1.596	1.547	1.598	1.632	1.508	1.406
FR1 n14_Ant 1 TX1	0.749	0.233	1.568	1.623	1.570	1.667	1.611	1.640	1.670	1.636	1.673	1.674	1.601	1.552	1.603	1.637	1.513	1.411
FR1 n25_Ant 1 Sub TX0	0.744	0.233	1.563	1.618	1.565	1.662	1.606	1.635	1.665	1.631	1.668	1.669	1.596	1.547	1.598	1.632	1.508	1.406
FR1 n26_Ant 1 TX1	0.749	0.233	1.568	1.623	1.570	1.667	1.611	1.640	1.670	1.636	1.673	1.674	1.601	1.552	1.603	1.637	1.513	1.411
FR1 n41_Ant 1 Sub TX0	0.738	0.233	1.557	1.612	1.559	1.656	1.600	1.629	1.659	1.625	1.662	1.663	1.590	1.541	1.592	1.626	1.502	1.400
FR1 n48_Ant 1 Sub TX0	0.731	0.233	1.550	1.605	1.552	1.649	1.593	1.622	1.652	1.618	1.655	1.656	1.583	1.534	1.585	1.619	1.495	1.393
FR1 n66_Ant 1 Sub TX0	0.664	0.233	1.483	1.538	1.485	1.582	1.526	1.555	1.585	1.551	1.588	1.589	1.516	1.467	1.518	1.552	1.428	1.326
FR1 n71_Ant 1 TX1	0.657	0.233	1.476	1.531	1.478	1.575	1.519	1.548	1.578	1.544	1.581	1.582	1.509	1.460	1.511	1.545	1.421	1.319
FR1 n77_Ant 1 Sub TX0	0.695	0.233	1.514	1.569	1.516	1.613	1.557	1.586	1.616	1.582	1.619	1.620	1.547	1.498	1.549	1.583	1.459	1.357

SAR peak location (mm)			X (axis)		47.5	55	56.9	55.1	53.6	56.2	55.8	52.7	51.6	57.1	52.4	56.9	51.3	51.4	54	53.7	53.2
			Y (axis)		-324.2	-251.3	-247.8	-247.2	-243	-245	-247.2	-252.2	-250.4	-248.2	-248.8	-247.6	-248.5	-250.7	-249.2	-246.8	-248.8
			Z (axis)		-175	-174.4	-173.7	-173.9	-173.6	-173.4	-173.8	-174.8	-174.7	-173.7	-174.4	-173.6	-174.5	-174.7	-177.2	-176.8	-177
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)		0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.57	0.621	0.655	0.531	0.429
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.684	0.233				0.03			0.03		0.03	0.03						
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.724	0.233		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.684	0.233				0.03			0.03		0.03	0.03						
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.716	0.233				0.03		0.03	0.03	0.03	0.03	0.03				0.03		
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.749	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.701	0.233				0.03			0.03		0.03	0.03						
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.619	0.233																
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.741	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03			0.03	0.03		
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.750	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.744	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.749	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.744	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.749	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.738	0.233		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03				0.03		
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.731	0.233		0.03		0.03		0.03	0.03	0.03	0.03	0.03				0.03		
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.664	0.233																
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.657	0.233																
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.695	0.233				0.03			0.03		0.03	0.03						

<Case 12>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)		0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.570	0.621	0.655	0.531	0.429
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.684	0.436	1.706	1.761	1.708	1.805	1.749	1.778	1.808	1.774	1.811	1.812	1.739	1.690	1.741	1.775	1.651	1.549
WCDMA V_Ant 1 TX1	0.724	0.436	1.746	1.801	1.748	1.845	1.789	1.818	1.848	1.814	1.851	1.852	1.779	1.730	1.781	1.815	1.691	1.589
LTE Band 12_Ant 1 TX1	0.684	0.436	1.706	1.761	1.708	1.805	1.749	1.778	1.808	1.774	1.811	1.812	1.739	1.690	1.741	1.775	1.651	1.549
LTE Band 13_Ant 1 TX1	0.716	0.436	1.738	1.793	1.740	1.837	1.781	1.810	1.840	1.806	1.843	1.844	1.771	1.722	1.773	1.807	1.683	1.581
LTE Band 14_Ant 1 TX1	0.749	0.436	1.771	1.826	1.773	1.870	1.814	1.843	1.873	1.839	1.876	1.877	1.804	1.755	1.806	1.840	1.716	1.614
LTE Band 25_Ant 1 Sub TX0	0.701	0.436	1.723	1.778	1.725	1.822	1.766	1.795	1.825	1.791	1.828	1.829	1.756	1.707	1.758	1.792	1.668	1.566
LTE Band 26_Ant 1 TX1	0.619	0.436	1.641	1.696	1.643	1.740	1.684	1.713	1.743	1.709	1.746	1.747	1.674	1.625	1.676	1.710	1.586	1.484
LTE Band 66_Ant 1 Sub TX0	0.741	0.436	1.763	1.818	1.765	1.862	1.806	1.835	1.865	1.831	1.868	1.869	1.796	1.747	1.798	1.832	1.708	1.606
LTE Band 71_Ant 1 TX1	0.750	0.436	1.772	1.827	1.774	1.871	1.815	1.844	1.874	1.840	1.877	1.878	1.805	1.756	1.807	1.841	1.717	1.615
FR1 n12_Ant 1 TX1	0.744	0.436	1.766	1.821	1.768	1.865	1.809	1.838	1.868	1.834	1.871	1.872	1.799	1.750	1.801	1.835	1.711	1.609
FR1 n14_Ant 1 TX1	0.749	0.436	1.771	1.826	1.773	1.870	1.814	1.843	1.873	1.839	1.876	1.877	1.804	1.755	1.806	1.840	1.716	1.614
FR1 n25_Ant 1 Sub TX0	0.744	0.436	1.766	1.821	1.768	1.865	1.809	1.838	1.868	1.834	1.871	1.872	1.799	1.750	1.801	1.835	1.711	1.609
FR1 n26_Ant 1 TX1	0.749	0.436	1.771	1.826	1.773	1.870	1.814	1.843	1.873	1.839	1.876	1.877	1.804	1.755	1.806	1.840	1.716	1.614
FR1 n41_Ant 1 Sub TX0	0.738	0.436	1.760	1.815	1.762	1.859	1.803	1.832	1.862	1.828	1.865	1.866	1.793	1.744	1.795	1.829	1.705	1.603
FR1 n48_Ant 1 Sub TX0	0.731	0.436	1.753	1.808	1.755	1.852	1.796	1.825	1.855	1.821	1.858	1.859	1.786	1.737	1.788	1.822	1.698	1.596
FR1 n66_Ant 1 Sub TX0	0.664	0.436	1.686	1.741	1.688	1.785	1.729	1.758	1.788	1.754	1.791	1.792	1.719	1.670	1.721	1.755	1.631	1.529
FR1 n71_Ant 1 TX1	0.657	0.436	1.679	1.734	1.681	1.778	1.722	1.751	1.781	1.747	1.784	1.785	1.712	1.663	1.714	1.748	1.624	1.522
FR1 n77_Ant 1 Sub TX0	0.695	0.436	1.717	1.772	1.719	1.816	1.760	1.789	1.819	1.785	1.822	1.823	1.750	1.701	1.752	1.786	1.662	1.560

SAR peak location (mm)			X (axis)		49.1	55	56.9	55.1	53.6	56.2	55.8	52.7	51.6	57.1	52.4	56.9	51.3	51.4	54	53.7	53.2
			Y (axis)		-324.7	-251.3	-247.8	-247.2	-243	-245	-247.2	-252.2	-250.4	-248.2	-248.8	-247.6	-248.5	-250.7	-249.2	-246.8	-248.8
			Z (axis)		-174.8	-174.4	-173.7	-173.9	-173.6	-173.4	-173.8	-174.8	-174.7	-173.7	-174.4	-173.6	-174.5	-174.7	-177.2	-176.8	-177
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)		0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.57	0.621	0.655	0.531	0.429
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.684	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.724	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.684	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.716	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.749	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.701	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.619	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.741	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.750	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.744	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.749	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.744	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.749	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.738	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.731	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.664	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.657	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.695	0.436	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	

<Case 13>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.269	0.876	0.945	1.556
WCDMA V_Ant 1 TX1	0.435	0.269	0.858	0.927	1.538
LTE Band 12_Ant 1 TX1	0.668	0.269	1.091	1.160	1.771
LTE Band 13_Ant 1 TX1	0.555	0.269	0.978	1.047	1.658
LTE Band 14_Ant 1 TX1	0.404	0.269	0.827	0.896	1.507
LTE Band 25_Ant 1 Sub TX0	0.167	0.269	0.590	0.659	1.270
LTE Band 26_Ant 1 TX1	0.440	0.269	0.863	0.932	1.543
LTE Band 66_Ant 1 Sub TX0	0.292	0.269	0.715	0.784	1.395
LTE Band 71_Ant 1 TX1	0.283	0.269	0.706	0.775	1.386
FR1 n12_Ant 1 TX1	0.469	0.269	0.892	0.961	1.572
FR1 n14_Ant 1 TX1	0.391	0.269	0.814	0.883	1.494
FR1 n25_Ant 1 Sub TX0	0.295	0.269	0.718	0.787	1.398
FR1 n26_Ant 1 TX1	0.374	0.269	0.797	0.866	1.477
FR1 n41_Ant 1 Sub TX0	0.237	0.269	0.660	0.729	1.340
FR1 n48_Ant 1 Sub TX0	0.111	0.269	0.534	0.603	1.214
FR1 n66_Ant 1 Sub TX0	0.254	0.269	0.677	0.746	1.357
FR1 n71_Ant 1 TX1	0.491	0.269	0.914	0.983	1.594
FR1 n77_Ant 1 Sub TX0	0.164	0.269	0.587	0.656	1.267

SAR peak location (mm)			X (axis)		19.9	54.1	53.5	57.6
			Y (axis)		336.5	243.1	245.9	248.6
			Z (axis)		-174	-173.5	-176.6	-176.1
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
0.7	297.5	-171.2	GSM850_Ant 1 TX1	0.453	0.269			
4.1	299.6	-172	WCDMA V_Ant 1 TX1	0.435	0.269			
0.6	298.2	-171.3	LTE Band 12_Ant 1 TX1	0.668	0.269			0.03
0.5	297.1	-171.1	LTE Band 13_Ant 1 TX1	0.555	0.269			0.03
0.6	306.4	-172	LTE Band 14_Ant 1 TX1	0.404	0.269			
-5.1	286.3	-168.2	LTE Band 25_Ant 1 Sub TX0	0.167	0.269			
2.1	304.9	-172.1	LTE Band 26_Ant 1 TX1	0.440	0.269			
-6.9	298.2	-169.7	LTE Band 66_Ant 1 Sub TX0	0.292	0.269			
-1.6	298.9	-170.9	LTE Band 71_Ant 1 TX1	0.283	0.269			
2.8	301.1	-171.9	FR1 n12_Ant 1 TX1	0.469	0.269			
0.2	299.7	-171.3	FR1 n14_Ant 1 TX1	0.391	0.269			
-1.9	296.1	-170.5	FR1 n25_Ant 1 Sub TX0	0.295	0.269			
2.6	302.6	-172	FR1 n26_Ant 1 TX1	0.374	0.269			
-1.2	290.2	-169.9	FR1 n41_Ant 1 Sub TX0	0.237	0.269			
-3.6	299.1	-170.5	FR1 n48_Ant 1 Sub TX0	0.111	0.269			
-6	298.8	-170	FR1 n66_Ant 1 Sub TX0	0.254	0.269			
1.2	301.1	-171.6	FR1 n71_Ant 1 TX1	0.491	0.269			
-0.7	299	-171.1	FR1 n77_Ant 1 Sub TX0	0.164	0.269			

<Case 14>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.102	0.709	0.778	1.389
WCDMA V_Ant 1 TX1	0.435	0.102	0.691	0.760	1.371
LTE Band 12_Ant 1 TX1	0.668	0.102	0.924	0.993	1.604
LTE Band 13_Ant 1 TX1	0.555	0.102	0.811	0.880	1.491
LTE Band 14_Ant 1 TX1	0.404	0.102	0.660	0.729	1.340
LTE Band 25_Ant 1 Sub TX0	0.167	0.102	0.423	0.492	1.103
LTE Band 26_Ant 1 TX1	0.440	0.102	0.696	0.765	1.376
LTE Band 66_Ant 1 Sub TX0	0.292	0.102	0.548	0.617	1.228
LTE Band 71_Ant 1 TX1	0.283	0.102	0.539	0.608	1.219
FR1 n12_Ant 1 TX1	0.469	0.102	0.725	0.794	1.405
FR1 n14_Ant 1 TX1	0.391	0.102	0.647	0.716	1.327
FR1 n25_Ant 1 Sub TX0	0.295	0.102	0.551	0.620	1.231
FR1 n26_Ant 1 TX1	0.374	0.102	0.630	0.699	1.310
FR1 n41_Ant 1 Sub TX0	0.237	0.102	0.493	0.562	1.173
FR1 n48_Ant 1 Sub TX0	0.111	0.102	0.367	0.436	1.047
FR1 n66_Ant 1 Sub TX0	0.254	0.102	0.510	0.579	1.190
FR1 n71_Ant 1 TX1	0.491	0.102	0.747	0.816	1.427
FR1 n77_Ant 1 Sub TX0	0.164	0.102	0.420	0.489	1.100

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	74.0	1.50	0.02	Not required
Max WWAN Ant 1	0.668	4.1	299.6	-172.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	92.3	1.26	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	33.3	1.01	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
Max WWAN Ant 1	0.668	0.6	306.4	-172.0	35.2	1.09	0.03	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	46.1	0.84	0.02	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	75.2	0.59	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				

<Case 15>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.421	1.028	1.097	1.708
WCDMA V_Ant 1 TX1	0.435	0.421	1.010	1.079	1.690
LTE Band 12_Ant 1 TX1	0.668	0.421	1.243	1.312	1.923
LTE Band 13_Ant 1 TX1	0.555	0.421	1.130	1.199	1.810
LTE Band 14_Ant 1 TX1	0.404	0.421	0.979	1.048	1.659
LTE Band 25_Ant 1 Sub TX0	0.167	0.421	0.742	0.811	1.422
LTE Band 26_Ant 1 TX1	0.440	0.421	1.015	1.084	1.695
LTE Band 66_Ant 1 Sub TX0	0.292	0.421	0.867	0.936	1.547
LTE Band 71_Ant 1 TX1	0.283	0.421	0.858	0.927	1.538
FR1 n12_Ant 1 TX1	0.469	0.421	1.044	1.113	1.724
FR1 n14_Ant 1 TX1	0.391	0.421	0.966	1.035	1.646
FR1 n25_Ant 1 Sub TX0	0.295	0.421	0.870	0.939	1.550
FR1 n26_Ant 1 TX1	0.374	0.421	0.949	1.018	1.629
FR1 n41_Ant 1 Sub TX0	0.237	0.421	0.812	0.881	1.492
FR1 n48_Ant 1 Sub TX0	0.111	0.421	0.686	0.755	1.366
FR1 n66_Ant 1 Sub TX0	0.254	0.421	0.829	0.898	1.509
FR1 n71_Ant 1 TX1	0.491	0.421	1.066	1.135	1.746
FR1 n77_Ant 1 Sub TX0	0.164	0.421	0.739	0.808	1.419

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	74.0	1.50	0.02	Not required
Max WWAN Ant 1	0.668	4.1	299.6	-172.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	92.3	1.26	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	33.3	1.01	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
Max WWAN Ant 1	0.668	0.6	306.4	-172.0	35.2	1.09	0.03	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	46.1	0.84	0.02	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	75.2	0.59	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				

<Case 16>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.429	1.036	1.105	1.716
WCDMA V_Ant 1 TX1	0.435	0.429	1.018	1.087	1.698
LTE Band 12_Ant 1 TX1	0.668	0.429	1.251	1.320	1.931
LTE Band 13_Ant 1 TX1	0.555	0.429	1.138	1.207	1.818
LTE Band 14_Ant 1 TX1	0.404	0.429	0.987	1.056	1.667
LTE Band 25_Ant 1 Sub TX0	0.167	0.429	0.750	0.819	1.430
LTE Band 26_Ant 1 TX1	0.440	0.429	1.023	1.092	1.703
LTE Band 66_Ant 1 Sub TX0	0.292	0.429	0.875	0.944	1.555
LTE Band 71_Ant 1 TX1	0.283	0.429	0.866	0.935	1.546
FR1 n12_Ant 1 TX1	0.469	0.429	1.052	1.121	1.732
FR1 n14_Ant 1 TX1	0.391	0.429	0.974	1.043	1.654
FR1 n25_Ant 1 Sub TX0	0.295	0.429	0.878	0.947	1.558
FR1 n26_Ant 1 TX1	0.374	0.429	0.957	1.026	1.637
FR1 n41_Ant 1 Sub TX0	0.237	0.429	0.820	0.889	1.500
FR1 n48_Ant 1 Sub TX0	0.111	0.429	0.694	0.763	1.374
FR1 n66_Ant 1 Sub TX0	0.254	0.429	0.837	0.906	1.517
FR1 n71_Ant 1 TX1	0.491	0.429	1.074	1.143	1.754
FR1 n77_Ant 1 Sub TX0	0.164	0.429	0.747	0.816	1.427

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	74.0	1.50	0.02	Not required
Max WWAN Ant 1	0.668	4.1	299.6	-172.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.26	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.429	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	1.07	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9				
Max WWAN Ant 1	0.668	2.1	304.9	-172.1	33.6	1.10	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.429	25.9	328.4	-174.8				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	40.4	0.90	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9				
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9	71.1	0.66	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.429	25.9	328.4	-174.8				

<Case 17>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)		0.173	0.306	0.436
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.684	0.436	1.293	1.426	1.556
WCDMA V_Ant 1 TX1	0.724	0.436	1.333	1.466	1.596
LTE Band 12_Ant 1 TX1	0.684	0.436	1.293	1.426	1.556
LTE Band 13_Ant 1 TX1	0.716	0.436	1.325	1.458	1.588
LTE Band 14_Ant 1 TX1	0.749	0.436	1.358	1.491	1.621
LTE Band 25_Ant 1 Sub TX0	0.701	0.436	1.310	1.443	1.573
LTE Band 26_Ant 1 TX1	0.619	0.436	1.228	1.361	1.491
LTE Band 66_Ant 1 Sub TX0	0.741	0.436	1.350	1.483	1.613
LTE Band 71_Ant 1 TX1	0.750	0.436	1.359	1.492	1.622
FR1 n12_Ant 1 TX1	0.744	0.436	1.353	1.486	1.616
FR1 n14_Ant 1 TX1	0.749	0.436	1.358	1.491	1.621
FR1 n25_Ant 1 Sub TX0	0.744	0.436	1.353	1.486	1.616
FR1 n26_Ant 1 TX1	0.749	0.436	1.358	1.491	1.621
FR1 n41_Ant 1 Sub TX0	0.738	0.436	1.347	1.480	1.610
FR1 n48_Ant 1 Sub TX0	0.731	0.436	1.340	1.473	1.603
FR1 n66_Ant 1 Sub TX0	0.664	0.436	1.273	1.406	1.536
FR1 n71_Ant 1 TX1	0.657	0.436	1.266	1.399	1.529
FR1 n77_Ant 1 Sub TX0	0.695	0.436	1.304	1.437	1.567

SAR peak location (mm)			X (axis)		49.1	49.1	56.2	54.9
			Y (axis)		-324.7	-254	-241	-245.9
			Z (axis)		-174.8	-175.3	-176.7	-173.8
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Cheek	1g SAR (W/kg)		0.173	0.306	0.436
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.684	0.436			
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.724	0.436			0.03
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.684	0.436			
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.716	0.436			
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.749	0.436			0.03
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.701	0.436			
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.619	0.436			
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.741	0.436			0.03
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.750	0.436			0.03
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.744	0.436			0.03
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.749	0.436			0.03
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.744	0.436			0.03
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.749	0.436			0.03
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.738	0.436			0.03
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.731	0.436			0.03
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.664	0.436			
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.657	0.436			
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.695	0.436			

<Case 18>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.661	0.269	1.084	1.153	1.764
LTE Band 66_Ant 5 Sub TX1	0.608	0.269	1.031	1.100	1.711
FR1 n25_Ant 5 Sub TX1	0.687	0.269	1.110	1.179	1.790
FR1 n66_Ant 5 Sub TX1	0.675	0.269	1.098	1.167	1.778
FR1 n41_Ant 5 Sub TX1	0.797	0.269	1.220	1.289	1.900
FR1 n48_Ant 5 Sub TX1	0.674	0.269	1.097	1.166	1.777
FR1 n77_Ant 5 Sub TX1	0.638	0.269	1.061	1.130	1.741

SAR peak location (mm)			X (axis)		19.9	54.1	53.5	57.6
			Y (axis)		336.5	243.1	245.9	248.6
			Z (axis)		-174	-173.5	-176.6	-176.1
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
56.6	323.4	-173.8	LTE Band 25_Ant 5 Sub TX1	0.661	0.269			0.03
53.7	324.3	-174.2	LTE Band 66_Ant 5 Sub TX1	0.608	0.269			0.03
55.6	322.4	-174.1	FR1 n25_Ant 5 Sub TX1	0.687	0.269			0.03
56.6	322.8	-173.8	FR1 n66_Ant 5 Sub TX1	0.675	0.269			0.03
51.5	323.7	-174.6	FR1 n41_Ant 5 Sub TX1	0.797	0.269			0.03
51.7	322.6	-174.7	FR1 n48_Ant 5 Sub TX1	0.674	0.269			0.03
50.7	322.3	-174.8	FR1 n77_Ant 5 Sub TX1	0.638	0.269			0.03

<Case 19>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.661	0.102	0.917	0.986	1.597
LTE Band 66_Ant 5 Sub TX1	0.608	0.102	0.864	0.933	1.544
FR1 n25_Ant 5 Sub TX1	0.687	0.102	0.943	1.012	1.623
FR1 n66_Ant 5 Sub TX1	0.675	0.102	0.931	1.000	1.611
FR1 n41_Ant 5 Sub TX1	0.797	0.102	1.053	1.122	1.733
FR1 n48_Ant 5 Sub TX1	0.674	0.102	0.930	0.999	1.610
FR1 n77_Ant 5 Sub TX1	0.638	0.102	0.894	0.963	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 6	0.834	57.6	248.6	-176.1	74.0	1.63	0.03	Not required
Max WWAN Ant 5	0.797	4.1	299.6	-172.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	29.6	0.94	0.03	Not required
WLAN2.4G Ant 3	0.102	28.9	254.5	-171.8				
Max WWAN Ant 5	0.797	51.7	322.6	-174.7	71.9	0.90	0.01	Not required
WLAN2.4G Ant 3	0.102	28.9	254.5	-171.8				

<Case 20>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.661	0.421	1.236	1.305	1.916
LTE Band 66_Ant 5 Sub TX1	0.608	0.421	1.183	1.252	1.863
FR1 n25_Ant 5 Sub TX1	0.687	0.421	1.262	1.331	1.942
FR1 n66_Ant 5 Sub TX1	0.675	0.421	1.250	1.319	1.930
FR1 n41_Ant 5 Sub TX1	0.797	0.421	1.372	1.441	2.052
FR1 n48_Ant 5 Sub TX1	0.674	0.421	1.249	1.318	1.929
FR1 n77_Ant 5 Sub TX1	0.638	0.421	1.213	1.282	1.893

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	73.9	1.63	0.03	Not required
Max WWAN Ant 5	0.797	55.6	322.4	-174.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	92.3	1.26	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	33.3	1.01	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	30.6	1.22	0.04	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	68.1	0.97	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	75.2	0.59	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7				

<Case 21>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Cheek	1g SAR (W/kg)		0.154	0.223	0.834
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.661	0.429	1.244	1.313	1.924
LTE Band 66_Ant 5 Sub TX1	0.608	0.429	1.191	1.260	1.871
FR1 n25_Ant 5 Sub TX1	0.687	0.429	1.270	1.339	1.950
FR1 n66_Ant 5 Sub TX1	0.675	0.429	1.258	1.327	1.938
FR1 n41_Ant 5 Sub TX1	0.797	0.429	1.380	1.449	2.060
FR1 n48_Ant 5 Sub TX1	0.674	0.429	1.257	1.326	1.937
FR1 n77_Ant 5 Sub TX1	0.638	0.429	1.221	1.290	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 6	0.834	57.6	248.6	-176.1	46.5	1.07	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9				
WWAN Ant 5 + WLAN5/6G Ant 4+3(4)	1.226	25.9	328.4	-174.8	71.1	1.46	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9				
WWAN Ant 5 + WLAN5/6G Ant 4+3(4)	1.226	55.6	322.4	-174.1	73.9	2.06	0.04	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				

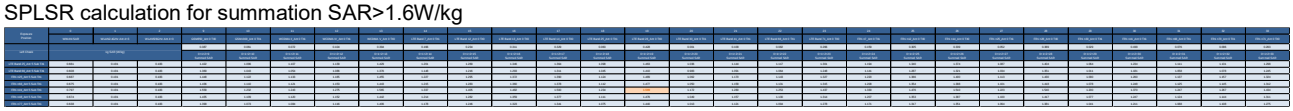
<Case 22>

SPLSR calculation for summation SAR>1.6W/kg

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	60.5	1.23	0.02	Not required
Max WWAN Ant 5	0.797	51.5	323.7	-174.6				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	81.9	0.62	0.01	Not required
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	34.1	0.99	0.03	Not required
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	72.0	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	44.7	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	26.0	0.98	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	75.8	0.84	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0	10.1	0.37	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 23>

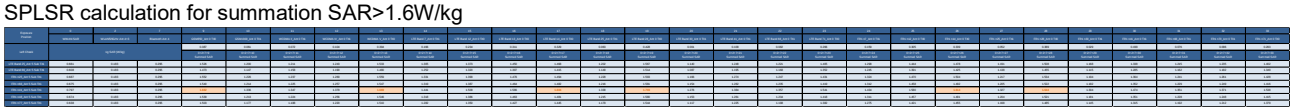
SPLSR calculation for summation SAR>1.6W/kg



Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	60.5	1.23	0.02	Not required
Max WWAN Ant 5	0.797	51.5	323.7	-174.6				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	78.5	0.62	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	29.3	0.48	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	30.8	0.99	0.03	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	70.2	0.85	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	72.0	0.61	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 0	0.428	56.8	263.4	-175.3	44.7	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	26.0	0.98	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 5	0.797	51.5	323.7	-174.6	75.8	0.84	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	6.5	0.37	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	71.0	0.24	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	76.0	0.23	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	15.9	0.10	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	76.7	0.25	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 24>

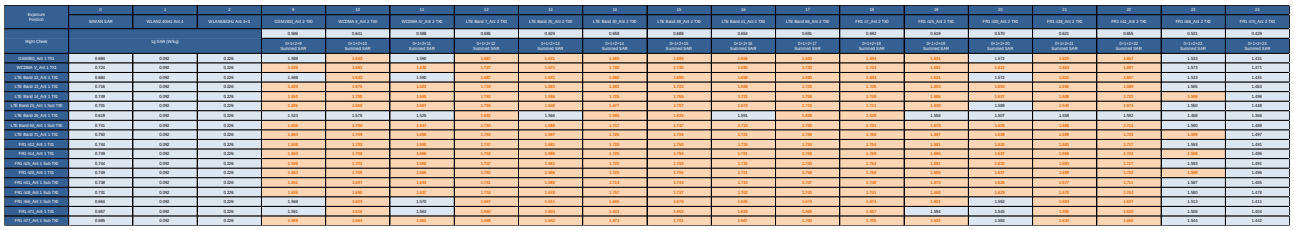
SPLSR calculation for summation SAR>1.6W/kg

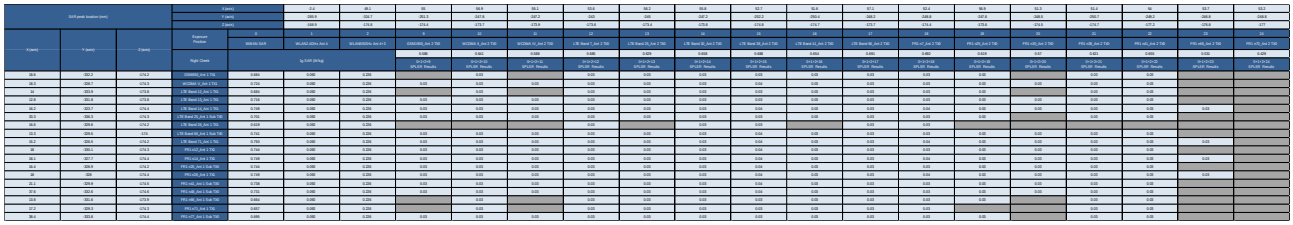


Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.428	55.9	266.8	-175.6	57.1	1.70	0.04	Not required
Max WWAN Ant 5+Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	1.275	51.5	323.7	-174.6				
Max WWAN Ant 0	0.428	55.1	265.4	-175.7	43.3	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5+Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	1.275	25.9	328.4	-174.8	71.1	1.32	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 25>

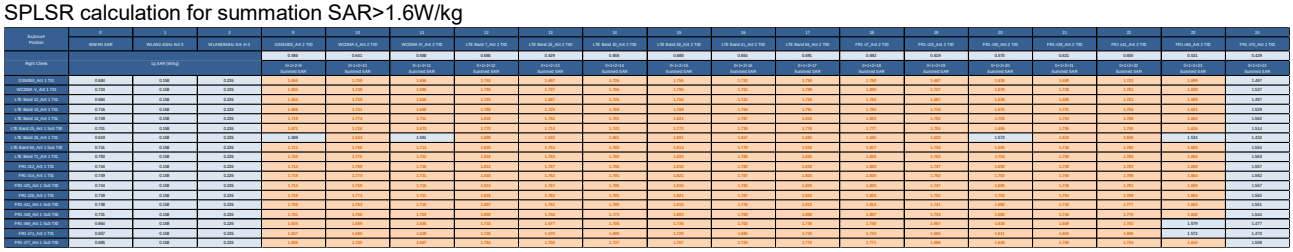
SPLSR calculation for summation SAR>1.6W/kg

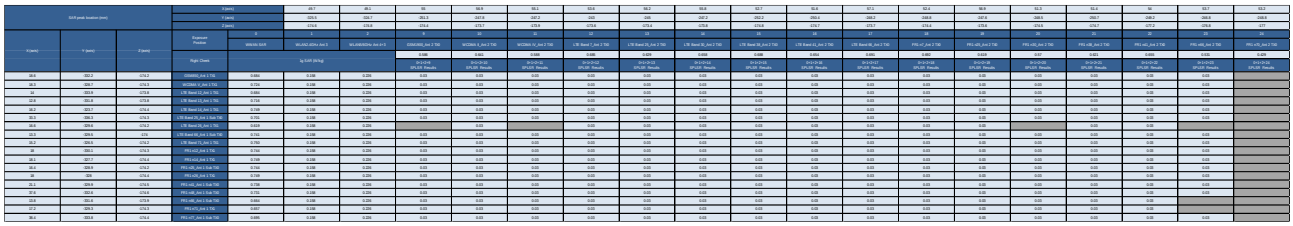




<Case 26>

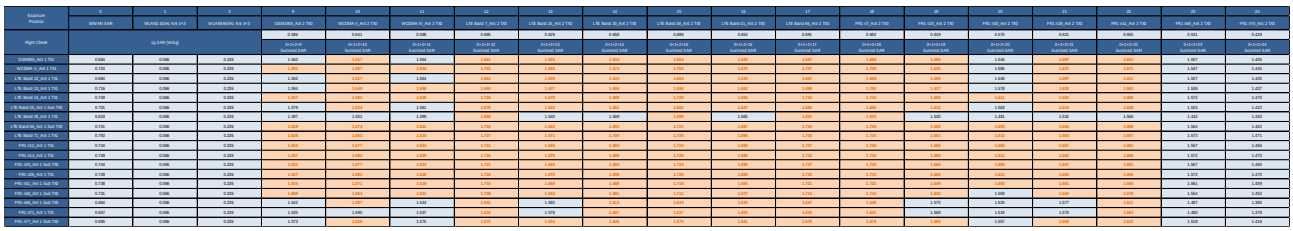
SPLSR calculation for summation SAR>1.6W/kg

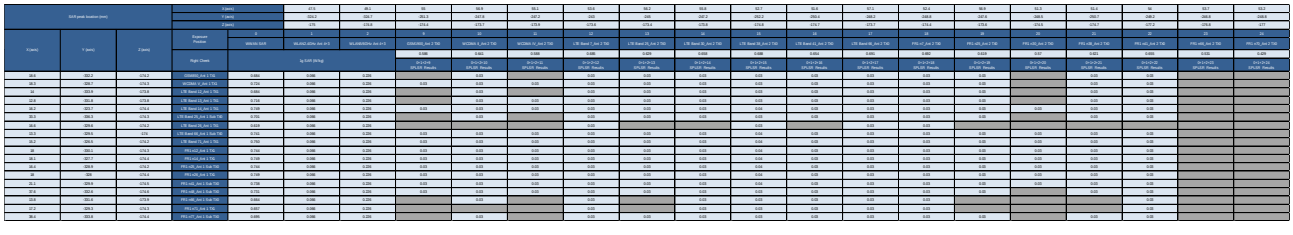




<Case 27>

SPLSR calculation for summation SAR>1.6W/kg





<Case 28>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.570	0.621	0.655	0.531	0.429
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR	0+2+7+12 Summed SAR	0+2+7+13 Summed SAR	0+2+7+14 Summed SAR	0+2+7+15 Summed SAR	0+2+7+16 Summed SAR	0+2+7+17 Summed SAR	0+2+7+18 Summed SAR	0+2+7+19 Summed SAR	0+2+7+20 Summed SAR	0+2+7+21 Summed SAR	0+2+7+22 Summed SAR	0+2+7+23 Summed SAR	0+2+7+24 Summed SAR
GSM850_Ant 1 TX1	0.684	0.226	0.101	1.597	1.652	1.599	1.696	1.640	1.669	1.699	1.665	1.702	1.703	1.630	1.581	1.632	1.666	1.542	1.440
WCDMA V_Ant 1 TX1	0.724	0.226	0.101	1.637	1.692	1.639	1.736	1.680	1.709	1.739	1.705	1.742	1.743	1.670	1.621	1.672	1.706	1.582	1.480
LTE Band 12_Ant 1 TX1	0.684	0.226	0.101	1.597	1.652	1.599	1.696	1.640	1.669	1.699	1.665	1.702	1.703	1.630	1.581	1.632	1.666	1.542	1.440
LTE Band 13_Ant 1 TX1	0.716	0.226	0.101	1.629	1.684	1.631	1.728	1.672	1.701	1.731	1.697	1.734	1.735	1.662	1.613	1.664	1.698	1.574	1.472
LTE Band 14_Ant 1 TX1	0.749	0.226	0.101	1.662	1.717	1.664	1.761	1.705	1.734	1.764	1.730	1.767	1.768	1.695	1.646	1.697	1.731	1.607	1.505
LTE Band 25_Ant 1 Sub TX0	0.701	0.226	0.101	1.614	1.669	1.616	1.713	1.657	1.686	1.716	1.682	1.719	1.720	1.647	1.598	1.649	1.683	1.559	1.457
LTE Band 26_Ant 1 TX1	0.619	0.226	0.101	1.532	1.587	1.534	1.631	1.575	1.604	1.634	1.600	1.637	1.638	1.565	1.516	1.567	1.601	1.477	1.375
LTE Band 66_Ant 1 Sub TX0	0.741	0.226	0.101	1.654	1.709	1.656	1.753	1.697	1.726	1.756	1.722	1.759	1.760	1.687	1.638	1.689	1.723	1.599	1.497
LTE Band 71_Ant 1 TX1	0.750	0.226	0.101	1.663	1.718	1.665	1.762	1.706	1.735	1.765	1.731	1.768	1.769	1.696	1.647	1.698	1.732	1.608	1.506
FR1 n12_Ant 1 TX1	0.744	0.226	0.101	1.657	1.712	1.659	1.756	1.700	1.729	1.759	1.725	1.762	1.763	1.690	1.641	1.692	1.726	1.602	1.500
FR1 n14_Ant 1 TX1	0.749	0.226	0.101	1.662	1.717	1.664	1.761	1.705	1.734	1.764	1.730	1.767	1.768	1.695	1.646	1.697	1.731	1.607	1.505
FR1 n25_Ant 1 Sub TX0	0.744	0.226	0.101	1.657	1.712	1.659	1.756	1.700	1.729	1.759	1.725	1.762	1.763	1.690	1.641	1.692	1.726	1.602	1.500
FR1 n26_Ant 1 TX1	0.749	0.226	0.101	1.662	1.717	1.664	1.761	1.705	1.734	1.764	1.730	1.767	1.768	1.695	1.646	1.697	1.731	1.607	1.505
FR1 n41_Ant 1 Sub TX0	0.738	0.226	0.101	1.651	1.706	1.653	1.750	1.694	1.723	1.753	1.719	1.756	1.757	1.684	1.635	1.686	1.720	1.596	1.494
FR1 n48_Ant 1 Sub TX0	0.731	0.226	0.101	1.644	1.699	1.646	1.743	1.687	1.716	1.746	1.712	1.749	1.750	1.677	1.628	1.679	1.713	1.589	1.487
FR1 n66_Ant 1 Sub TX0	0.664	0.226	0.101	1.577	1.632	1.579	1.676	1.620	1.649	1.679	1.645	1.682	1.683	1.610	1.561	1.612	1.646	1.522	1.420
FR1 n71_Ant 1 TX1	0.657	0.226	0.101	1.570	1.625	1.572	1.669	1.613	1.642	1.672	1.638	1.675	1.676	1.603	1.554	1.605	1.639	1.515	1.413
FR1 n77_Ant 1 Sub TX0	0.695	0.226	0.101	1.608	1.663	1.610	1.707	1.651	1.680	1.710	1.676	1.713	1.714	1.641	1.592	1.643	1.677	1.553	1.451

SAR peak location (mm)			X (axis)		49.1	-1.9	55	56.9	55.1	53.6	56.2	55.8	52.7	51.6	57.1	52.4	56.9	51.3	51.4	54	53.7	53.2
			Y (axis)		-324.7	-284.7	-251.3	-247.8	-247.2	-243	-245	-247.2	-252.2	-250.4	-248.2	-248.8	-247.6	-248.5	-250.7	-249.2	-246.8	-248.8
			Z (axis)		-174.8	-168.9	-174.4	-173.7	-173.9	-173.6	-173.4	-173.8	-174.8	-174.7	-173.7	-174.4	-173.6	-174.5	-174.7	-177.2	-176.8	-177
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)			0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.57	0.621	0.655	0.531	0.429
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results	0+2+7+12 SPLSR Results	0+2+7+13 SPLSR Results	0+2+7+14 SPLSR Results	0+2+7+15 SPLSR Results	0+2+7+16 SPLSR Results	0+2+7+17 SPLSR Results	0+2+7+18 SPLSR Results	0+2+7+19 SPLSR Results	0+2+7+20 SPLSR Results	0+2+7+21 SPLSR Results	0+2+7+22 SPLSR Results	0+2+7+23 SPLSR Results	0+2+7+24 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.684	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.724	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03		
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.684	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.716	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.749	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.701	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.619	0.226	0.101				0.03		0.03	0.03	0.03	0.03	0.03				0.03		
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.741	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.750	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.744	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.749	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.744	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.749	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.738	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.03	
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.731	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.03		
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.664	0.226	0.101		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.657	0.226	0.101		0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03		
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.695	0.226	0.101	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03		0.03	0.03		

<Case 29>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.570	0.621	0.655	0.531	0.429
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR	0+2+7+12 Summed SAR	0+2+7+13 Summed SAR	0+2+7+14 Summed SAR	0+2+7+15 Summed SAR	0+2+7+16 Summed SAR	0+2+7+17 Summed SAR	0+2+7+18 Summed SAR	0+2+7+19 Summed SAR	0+2+7+20 Summed SAR	0+2+7+21 Summed SAR	0+2+7+22 Summed SAR	0+2+7+23 Summed SAR	0+2+7+24 Summed SAR
GSM850_Ant 1 TX1	0.684	0.226	0.231	1.727	1.782	1.729	1.826	1.770	1.799	1.829	1.795	1.832	1.833	1.760	1.711	1.762	1.796	1.672	1.570
WCDMA V_Ant 1 TX1	0.724	0.226	0.231	1.767	1.822	1.769	1.866	1.810	1.839	1.869	1.835	1.872	1.873	1.800	1.751	1.802	1.836	1.712	1.610
LTE Band 12_Ant 1 TX1	0.684	0.226	0.231	1.727	1.782	1.729	1.826	1.770	1.799	1.829	1.795	1.832	1.833	1.760	1.711	1.762	1.796	1.672	1.570
LTE Band 13_Ant 1 TX1	0.716	0.226	0.231	1.759	1.814	1.761	1.858	1.802	1.831	1.861	1.827	1.864	1.865	1.792	1.743	1.794	1.828	1.704	1.602
LTE Band 14_Ant 1 TX1	0.749	0.226	0.231	1.792	1.847	1.794	1.891	1.835	1.864	1.894	1.860	1.897	1.898	1.825	1.776	1.827	1.861	1.737	1.635
LTE Band 25_Ant 1 Sub TX0	0.701	0.226	0.231	1.744	1.799	1.746	1.843	1.787	1.816	1.846	1.812	1.849	1.850	1.777	1.728	1.779	1.813	1.689	1.587
LTE Band 26_Ant 1 TX1	0.619	0.226	0.231	1.662	1.717	1.664	1.761	1.705	1.734	1.764	1.730	1.767	1.768	1.695	1.646	1.697	1.731	1.607	1.505
LTE Band 66_Ant 1 Sub TX0	0.741	0.226	0.231	1.784	1.839	1.786	1.883	1.827	1.856	1.886	1.852	1.889	1.890	1.817	1.768	1.819	1.853	1.729	1.627
LTE Band 71_Ant 1 TX1	0.750	0.226	0.231	1.793	1.848	1.795	1.892	1.836	1.865	1.895	1.861	1.898	1.899	1.826	1.777	1.828	1.862	1.738	1.636
FR1 n12_Ant 1 TX1	0.744	0.226	0.231	1.787	1.842	1.789	1.886	1.830	1.859	1.889	1.855	1.892	1.893	1.820	1.771	1.822	1.856	1.732	1.630
FR1 n14_Ant 1 TX1	0.749	0.226	0.231	1.792	1.847	1.794	1.891	1.835	1.864	1.894	1.860	1.897	1.898	1.825	1.776	1.827	1.861	1.737	1.635
FR1 n25_Ant 1 Sub TX0	0.744	0.226	0.231	1.787	1.842	1.789	1.886	1.830	1.859	1.889	1.855	1.892	1.893	1.820	1.771	1.822	1.856	1.732	1.630
FR1 n26_Ant 1 TX1	0.749	0.226	0.231	1.792	1.847	1.794	1.891	1.835	1.864	1.894	1.860	1.897	1.898	1.825	1.776	1.827	1.861	1.737	1.635
FR1 n41_Ant 1 Sub TX0	0.738	0.226	0.231	1.781	1.836	1.783	1.880	1.824	1.853	1.883	1.849	1.886	1.887	1.814	1.765	1.816	1.850	1.726	1.624
FR1 n48_Ant 1 Sub TX0	0.731	0.226	0.231	1.774	1.829	1.776	1.873	1.817	1.846	1.876	1.842	1.879	1.880	1.807	1.758	1.809	1.843	1.719	1.617
FR1 n66_Ant 1 Sub TX0	0.664	0.226	0.231	1.707	1.762	1.709	1.806	1.750	1.779	1.809	1.775	1.812	1.813	1.740	1.691	1.742	1.776	1.652	1.550
FR1 n71_Ant 1 TX1	0.657	0.226	0.231	1.700	1.755	1.702	1.799	1.743	1.772	1.802	1.768	1.805	1.806	1.733	1.684	1.735	1.769	1.645	1.543
FR1 n77_Ant 1 Sub TX0	0.695	0.226	0.231	1.738	1.793	1.740	1.837	1.781	1.810	1.840	1.806	1.843	1.844	1.771	1.722	1.773	1.807	1.683	1.581

SAR peak location (mm)			X (axis)		49.1	49.3	55	56.9	55.1	53.6	56.2	55.8	52.7	51.6	57.1	52.4	56.9	51.3	51.4	54	53.7	53.2
			Y (axis)		-324.7	-323.6	-251.3	-247.8	-247.2	-243	-245	-247.2	-252.2	-250.4	-248.2	-248.8	-247.6	-248.5	-250.7	-249.2	-246.8	-248.8
			Z (axis)		-174.8	-174.9	-174.4	-173.7	-173.9	-173.6	-173.4	-173.8	-174.8	-174.7	-173.7	-174.4	-173.6	-174.5	-174.7	-177.2	-176.8	-177
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)			0.586	0.641	0.588	0.685	0.629	0.658	0.688	0.654	0.691	0.692	0.619	0.57	0.621	0.655	0.531	0.429
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results	0+2+7+12 SPLSR Results	0+2+7+13 SPLSR Results	0+2+7+14 SPLSR Results	0+2+7+15 SPLSR Results	0+2+7+16 SPLSR Results	0+2+7+17 SPLSR Results	0+2+7+18 SPLSR Results	0+2+7+19 SPLSR Results	0+2+7+20 SPLSR Results	0+2+7+21 SPLSR Results	0+2+7+22 SPLSR Results	0+2+7+23 SPLSR Results	0+2+7+24 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.684	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.724	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.684	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.716	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.749	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.701	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.619	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.741	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.750	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.744	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.749	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.744	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.749	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.738	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.731	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.664	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.657	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.695	0.226	0.231	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	

<Case 30>

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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.190	0.183	0.980	1.049	1.660
WCDMA V_Ant 1 TX1	0.435	0.190	0.183	0.962	1.031	1.642
LTE Band 12_Ant 1 TX1	0.668	0.190	0.183	1.195	1.264	1.875
LTE Band 13_Ant 1 TX1	0.555	0.190	0.183	1.082	1.151	1.762
LTE Band 14_Ant 1 TX1	0.404	0.190	0.183	0.931	1.000	1.611
LTE Band 25_Ant 1 Sub TX0	0.167	0.190	0.183	0.694	0.763	1.374
LTE Band 26_Ant 1 TX1	0.440	0.190	0.183	0.967	1.036	1.647
LTE Band 66_Ant 1 Sub TX0	0.292	0.190	0.183	0.819	0.888	1.499
LTE Band 71_Ant 1 TX1	0.283	0.190	0.183	0.810	0.879	1.490
FR1 n12_Ant 1 TX1	0.469	0.190	0.183	0.996	1.065	1.676
FR1 n14_Ant 1 TX1	0.391	0.190	0.183	0.918	0.987	1.598
FR1 n25_Ant 1 Sub TX0	0.295	0.190	0.183	0.822	0.891	1.502
FR1 n26_Ant 1 TX1	0.374	0.190	0.183	0.901	0.970	1.581
FR1 n41_Ant 1 Sub TX0	0.237	0.190	0.183	0.764	0.833	1.444
FR1 n48_Ant 1 Sub TX0	0.111	0.190	0.183	0.638	0.707	1.318
FR1 n66_Ant 1 Sub TX0	0.254	0.190	0.183	0.781	0.850	1.461
FR1 n71_Ant 1 TX1	0.491	0.190	0.183	1.018	1.087	1.698
FR1 n77_Ant 1 Sub TX0	0.164	0.190	0.183	0.691	0.760	1.371

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	74.0	1.50	0.02	Not required
Max WWAN Ant 1	0.668	4.1	299.6	-172.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	95.7	1.02	0.01	Not required
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0				
Max WWAN Ant 1	0.668	0.6	306.4	-172.0	35.8	0.86	0.02	Not required
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 1	0.668	2.1	304.9	-172.1	33.6	0.85	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	40.4	0.71	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0	10.1	0.37	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0	78.2	0.23	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 31>

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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.074	0.183	0.864	0.933	1.544
WCDMA V_Ant 1 TX1	0.435	0.074	0.183	0.846	0.915	1.526
LTE Band 12_Ant 1 TX1	0.668	0.074	0.183	1.079	1.148	1.759
LTE Band 13_Ant 1 TX1	0.555	0.074	0.183	0.966	1.035	1.646
LTE Band 14_Ant 1 TX1	0.404	0.074	0.183	0.815	0.884	1.495
LTE Band 25_Ant 1 Sub TX0	0.167	0.074	0.183	0.578	0.647	1.258
LTE Band 26_Ant 1 TX1	0.440	0.074	0.183	0.851	0.920	1.531
LTE Band 66_Ant 1 Sub TX0	0.292	0.074	0.183	0.703	0.772	1.383
LTE Band 71_Ant 1 TX1	0.283	0.074	0.183	0.694	0.763	1.374
FR1 n12_Ant 1 TX1	0.469	0.074	0.183	0.880	0.949	1.560
FR1 n14_Ant 1 TX1	0.391	0.074	0.183	0.802	0.871	1.482
FR1 n25_Ant 1 Sub TX0	0.295	0.074	0.183	0.706	0.775	1.386
FR1 n26_Ant 1 TX1	0.374	0.074	0.183	0.785	0.854	1.465
FR1 n41_Ant 1 Sub TX0	0.237	0.074	0.183	0.648	0.717	1.328
FR1 n48_Ant 1 Sub TX0	0.111	0.074	0.183	0.522	0.591	1.202
FR1 n66_Ant 1 Sub TX0	0.254	0.074	0.183	0.665	0.734	1.345
FR1 n71_Ant 1 TX1	0.491	0.074	0.183	0.902	0.971	1.582
FR1 n77_Ant 1 Sub TX0	0.164	0.074	0.183	0.575	0.644	1.255

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	75.1	1.50	0.02	Not required
Max WWAN Ant 1	0.668	0.5	297.1	-171.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	29.6	0.91	0.03	Not required
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	51.2	0.74	0.01	Not required
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 1	0.668	0.6	298.2	-171.3	39.6	0.85	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	40.4	0.71	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8	74.0	0.26	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8	16.9	0.11	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 32>

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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.191	0.183	0.981	1.050	1.661
WCDMA V_Ant 1 TX1	0.435	0.191	0.183	0.963	1.032	1.643
LTE Band 12_Ant 1 TX1	0.668	0.191	0.183	1.196	1.265	1.876
LTE Band 13_Ant 1 TX1	0.555	0.191	0.183	1.083	1.152	1.763
LTE Band 14_Ant 1 TX1	0.404	0.191	0.183	0.932	1.001	1.612
LTE Band 25_Ant 1 Sub TX0	0.167	0.191	0.183	0.695	0.764	1.375
LTE Band 26_Ant 1 TX1	0.440	0.191	0.183	0.968	1.037	1.648
LTE Band 66_Ant 1 Sub TX0	0.292	0.191	0.183	0.820	0.889	1.500
LTE Band 71_Ant 1 TX1	0.283	0.191	0.183	0.811	0.880	1.491
FR1 n12_Ant 1 TX1	0.469	0.191	0.183	0.997	1.066	1.677
FR1 n14_Ant 1 TX1	0.391	0.191	0.183	0.919	0.988	1.599
FR1 n25_Ant 1 Sub TX0	0.295	0.191	0.183	0.823	0.892	1.503
FR1 n26_Ant 1 TX1	0.374	0.191	0.183	0.902	0.971	1.582
FR1 n41_Ant 1 Sub TX0	0.237	0.191	0.183	0.765	0.834	1.445
FR1 n48_Ant 1 Sub TX0	0.111	0.191	0.183	0.639	0.708	1.319
FR1 n66_Ant 1 Sub TX0	0.254	0.191	0.183	0.782	0.851	1.462
FR1 n71_Ant 1 TX1	0.491	0.191	0.183	1.019	1.088	1.699
FR1 n77_Ant 1 Sub TX0	0.164	0.191	0.183	0.692	0.761	1.372

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	74.0	1.50	0.02	Not required
Max WWAN Ant 1	0.668	4.1	299.6	-172.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	92.3	1.03	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	30.9	0.89	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
Max WWAN Ant 1	0.668	0.6	306.4	-172.0	35.2	0.86	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	48.4	0.72	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 1	0.668	2.1	304.9	-172.1	33.6	0.85	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	40.4	0.71	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	6.5	0.37	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	71.0	0.24	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	76.0	0.23	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	15.9	0.10	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	76.7	0.25	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 33>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.183	0.295	1.085	1.154	1.765
WCDMA V_Ant 1 TX1	0.435	0.183	0.295	1.067	1.136	1.747
LTE Band 12_Ant 1 TX1	0.668	0.183	0.295	1.300	1.369	1.980
LTE Band 13_Ant 1 TX1	0.555	0.183	0.295	1.187	1.256	1.867
LTE Band 14_Ant 1 TX1	0.404	0.183	0.295	1.036	1.105	1.716
LTE Band 25_Ant 1 Sub TX0	0.167	0.183	0.295	0.799	0.868	1.479
LTE Band 26_Ant 1 TX1	0.440	0.183	0.295	1.072	1.141	1.752
LTE Band 66_Ant 1 Sub TX0	0.292	0.183	0.295	0.924	0.993	1.604
LTE Band 71_Ant 1 TX1	0.283	0.183	0.295	0.915	0.984	1.595
FR1 n12_Ant 1 TX1	0.469	0.183	0.295	1.101	1.170	1.781
FR1 n14_Ant 1 TX1	0.391	0.183	0.295	1.023	1.092	1.703
FR1 n25_Ant 1 Sub TX0	0.295	0.183	0.295	0.927	0.996	1.607
FR1 n26_Ant 1 TX1	0.374	0.183	0.295	1.006	1.075	1.686
FR1 n41_Ant 1 Sub TX0	0.237	0.183	0.295	0.869	0.938	1.549
FR1 n48_Ant 1 Sub TX0	0.111	0.183	0.295	0.743	0.812	1.423
FR1 n66_Ant 1 Sub TX0	0.254	0.183	0.295	0.886	0.955	1.566
FR1 n71_Ant 1 TX1	0.491	0.183	0.295	1.123	1.192	1.803
FR1 n77_Ant 1 Sub TX0	0.164	0.183	0.295	0.796	0.865	1.476

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	74.0	1.50	0.02	Not required
Max WWAN Ant 1	0.668	4.1	299.6	-172.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.31	0.02	Not required
Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	0.478	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 1	0.668	0.6	306.4	-172.0	31.4	1.15	0.04	Not required
Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	0.478	20.9	330.3	-174.4				
Max WWAN Ant 1	0.668	-1.9	296.1	-170.5	40.2	0.71	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	0.478	25.9	328.4	-174.8	71.1	0.52	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 34>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.453	0.183	0.112	0.902	0.971	1.582
WCDMA V_Ant 1 TX1	0.435	0.183	0.112	0.884	0.953	1.564
LTE Band 12_Ant 1 TX1	0.668	0.183	0.112	1.117	1.186	1.797
LTE Band 13_Ant 1 TX1	0.555	0.183	0.112	1.004	1.073	1.684
LTE Band 14_Ant 1 TX1	0.404	0.183	0.112	0.853	0.922	1.533
LTE Band 25_Ant 1 Sub TX0	0.167	0.183	0.112	0.616	0.685	1.296
LTE Band 26_Ant 1 TX1	0.440	0.183	0.112	0.889	0.958	1.569
LTE Band 66_Ant 1 Sub TX0	0.292	0.183	0.112	0.741	0.810	1.421
LTE Band 71_Ant 1 TX1	0.283	0.183	0.112	0.732	0.801	1.412
FR1 n12_Ant 1 TX1	0.469	0.183	0.112	0.918	0.987	1.598
FR1 n14_Ant 1 TX1	0.391	0.183	0.112	0.840	0.909	1.520
FR1 n25_Ant 1 Sub TX0	0.295	0.183	0.112	0.744	0.813	1.424
FR1 n26_Ant 1 TX1	0.374	0.183	0.112	0.823	0.892	1.503
FR1 n41_Ant 1 Sub TX0	0.237	0.183	0.112	0.686	0.755	1.366
FR1 n48_Ant 1 Sub TX0	0.111	0.183	0.112	0.560	0.629	1.240
FR1 n66_Ant 1 Sub TX0	0.254	0.183	0.112	0.703	0.772	1.383
FR1 n71_Ant 1 TX1	0.491	0.183	0.112	0.940	1.009	1.620
FR1 n77_Ant 1 Sub TX0	0.164	0.183	0.112	0.613	0.682	1.293

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	75.1	1.50	0.02	Not required
Max WWAN Ant 1	0.668	0.5	297.1	-171.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	31.4	0.95	0.03	Not required
Bluetooth Ant 3	0.112	27.4	255.9	-171.6				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	49.2	0.78	0.01	Not required
Bluetooth Ant 3	0.112	27.4	255.9	-171.6				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 1	0.668	2.8	301.1	-171.9	35.9	0.85	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	40.4	0.71	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Bluetooth Ant 3	0.112	27.4	255.9	-171.6	72.6	0.30	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Bluetooth Ant 3	0.112	27.4	255.9	-171.6	15.1	0.15	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 35>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)			0.173	0.306	0.436
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.684	0.226	0.231	1.314	1.447	1.577
WCDMA V_Ant 1 TX1	0.724	0.226	0.231	1.354	1.487	1.617
LTE Band 12_Ant 1 TX1	0.684	0.226	0.231	1.314	1.447	1.577
LTE Band 13_Ant 1 TX1	0.716	0.226	0.231	1.346	1.479	1.609
LTE Band 14_Ant 1 TX1	0.749	0.226	0.231	1.379	1.512	1.642
LTE Band 25_Ant 1 Sub TX0	0.701	0.226	0.231	1.331	1.464	1.594
LTE Band 26_Ant 1 TX1	0.619	0.226	0.231	1.249	1.382	1.512
LTE Band 66_Ant 1 Sub TX0	0.741	0.226	0.231	1.371	1.504	1.634
LTE Band 71_Ant 1 TX1	0.750	0.226	0.231	1.380	1.513	1.643
FR1 n12_Ant 1 TX1	0.744	0.226	0.231	1.374	1.507	1.637
FR1 n14_Ant 1 TX1	0.749	0.226	0.231	1.379	1.512	1.642
FR1 n25_Ant 1 Sub TX0	0.744	0.226	0.231	1.374	1.507	1.637
FR1 n26_Ant 1 TX1	0.749	0.226	0.231	1.379	1.512	1.642
FR1 n41_Ant 1 Sub TX0	0.738	0.226	0.231	1.368	1.501	1.631
FR1 n48_Ant 1 Sub TX0	0.731	0.226	0.231	1.361	1.494	1.624
FR1 n66_Ant 1 Sub TX0	0.664	0.226	0.231	1.294	1.427	1.557
FR1 n71_Ant 1 TX1	0.657	0.226	0.231	1.287	1.420	1.550
FR1 n77_Ant 1 Sub TX0	0.695	0.226	0.231	1.325	1.458	1.588

SAR peak location (mm)			X (axis)		49.1	49.3	49.1	56.2	54.9
			Y (axis)		-324.7	-323.6	-254	-241	-245.9
			Z (axis)		-174.8	-174.9	-175.3	-176.7	-173.8
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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Cheek	1g SAR (W/kg)			0.173	0.306	0.436
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
18.6	-332.2	-174.2	GSM850_Ant 1 TX1	0.684	0.226	0.231			
18.3	-328.7	-174.3	WCDMA V_Ant 1 TX1	0.724	0.226	0.231			0.03
14	-333.9	-173.8	LTE Band 12_Ant 1 TX1	0.684	0.226	0.231			
12.8	-331.8	-173.8	LTE Band 13_Ant 1 TX1	0.716	0.226	0.231			0.03
16.2	-323.7	-174.4	LTE Band 14_Ant 1 TX1	0.749	0.226	0.231			0.03
33.3	-336.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.701	0.226	0.231			
16.6	-329.6	-174.2	LTE Band 26_Ant 1 TX1	0.619	0.226	0.231			
13.3	-329.5	-174	LTE Band 66_Ant 1 Sub TX0	0.741	0.226	0.231			0.03
15.2	-326.5	-174.2	LTE Band 71_Ant 1 TX1	0.750	0.226	0.231			0.03
18	-330.1	-174.3	FR1 n12_Ant 1 TX1	0.744	0.226	0.231			0.03
18.1	-327.7	-174.4	FR1 n14_Ant 1 TX1	0.749	0.226	0.231			0.03
16.4	-328.9	-174.2	FR1 n25_Ant 1 Sub TX0	0.744	0.226	0.231			0.03
18	-328	-174.4	FR1 n26_Ant 1 TX1	0.749	0.226	0.231			0.03
21.1	-329.9	-174.5	FR1 n41_Ant 1 Sub TX0	0.738	0.226	0.231			0.03
37.6	-332.6	-174.6	FR1 n48_Ant 1 Sub TX0	0.731	0.226	0.231			0.03
13.8	-331.6	-173.9	FR1 n66_Ant 1 Sub TX0	0.664	0.226	0.231			
17.2	-329.3	-174.3	FR1 n71_Ant 1 TX1	0.657	0.226	0.231			
38.4	-333.8	-174.4	FR1 n77_Ant 1 Sub TX0	0.695	0.226	0.231			

<Case 36>

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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.267	0.183	0.295	0.899	0.968	1.579
WCDMA II_Ant 2 TX0	0.306	0.183	0.295	0.938	1.007	1.618
WCDMA IV_Ant 2 TX0	0.291	0.183	0.295	0.923	0.992	1.603
LTE Band 7_Ant 2 TX0	0.296	0.183	0.295	0.928	0.997	1.608
LTE Band 25_Ant 2 TX0	0.301	0.183	0.295	0.933	1.002	1.613
LTE Band 30_Ant 2 TX0	0.302	0.183	0.295	0.934	1.003	1.614
LTE Band 38_Ant 2 TX0	0.299	0.183	0.295	0.931	1.000	1.611
LTE Band 41_Ant 2 TX0	0.257	0.183	0.295	0.889	0.958	1.569
LTE Band 66_Ant 2 TX0	0.270	0.183	0.295	0.902	0.971	1.582
FR1 n7_Ant 2 TX0	0.309	0.183	0.295	0.941	1.010	1.621
FR1 n25_Ant 2 TX0	0.272	0.183	0.295	0.904	0.973	1.584
FR1 n30_Ant 2 TX0	0.264	0.183	0.295	0.896	0.965	1.576
FR1 n38_Ant 2 TX0	0.294	0.183	0.295	0.926	0.995	1.606
FR1 n41_Ant 2 TX0	0.260	0.183	0.295	0.892	0.961	1.572
FR1 n66_Ant 2 TX0	0.226	0.183	0.295	0.858	0.927	1.538
FR1 n70_Ant 2 TX0	0.191	0.183	0.295	0.823	0.892	1.503

SAR peak location (mm)			X (axis)		13	20.9	54.1	53.5	57.6
			Y (axis)		258.8	330.3	243.1	245.9	248.6
			Z (axis)		-167.9	-174.4	-173.5	-176.6	-176.1
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
			Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
68.9	301	-173	GSM1900_Ant 2 TX0	0.267	0.183	0.295			
62.2	309.9	-176.9	WCDMA II_Ant 2 TX0	0.306	0.183	0.295			0.04
63.1	311.1	-176.6	WCDMA IV_Ant 2 TX0	0.291	0.183	0.295			0.04
63.9	308.6	-173.8	LTE Band 7_Ant 2 TX0	0.296	0.183	0.295			0.04
63.2	311.6	-173.6	LTE Band 25_Ant 2 TX0	0.301	0.183	0.295			0.04
53.2	315.3	-175.2	LTE Band 30_Ant 2 TX0	0.302	0.183	0.295			0.04
66.4	306.8	-173.3	LTE Band 38_Ant 2 TX0	0.299	0.183	0.295			0.04
66.6	305.3	-173.3	LTE Band 41_Ant 2 TX0	0.257	0.183	0.295			
63.8	304.9	-174.1	LTE Band 66_Ant 2 TX0	0.270	0.183	0.295			
65.1	307.8	-173.5	FR1 n7_Ant 2 TX0	0.309	0.183	0.295			0.04
56.4	312.2	-175	FR1 n25_Ant 2 TX0	0.272	0.183	0.295			
64.9	308.8	-173.5	FR1 n30_Ant 2 TX0	0.264	0.183	0.295			
65.3	305.7	-173.6	FR1 n38_Ant 2 TX0	0.294	0.183	0.295			0.04
65.9	308.7	-173.2	FR1 n41_Ant 2 TX0	0.260	0.183	0.295			
64.5	303.3	-174	FR1 n66_Ant 2 TX0	0.226	0.183	0.295			
62.4	307.5	-174.2	FR1 n70_Ant 2 TX0	0.191	0.183	0.295			

<Case 37>

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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				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	0.661	0.190	0.183	1.188	1.257	1.868
LTE Band 66_Ant 5 Sub TX1	0.608	0.190	0.183	1.135	1.204	1.815
FR1 n25_Ant 5 Sub TX1	0.687	0.190	0.183	1.214	1.283	1.894
FR1 n66_Ant 5 Sub TX1	0.675	0.190	0.183	1.202	1.271	1.882
FR1 n41_Ant 5 Sub TX1	0.797	0.190	0.183	1.324	1.393	2.004
FR1 n48_Ant 5 Sub TX1	0.674	0.190	0.183	1.201	1.270	1.881
FR1 n77_Ant 5 Sub TX1	0.638	0.190	0.183	1.165	1.234	1.845

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	73.9	1.63	0.03	Not required
Max WWAN Ant 5	0.797	55.6	322.4	-174.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	95.7	1.02	0.01	Not required
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	33.9	0.99	0.03	Not required
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	25.5	0.98	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	74.2	0.84	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0	10.1	0.37	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0	78.2	0.23	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 38>

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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				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	0.661	0.074	0.183	1.072	1.141	1.752
LTE Band 66_Ant 5 Sub TX1	0.608	0.074	0.183	1.019	1.088	1.699
FR1 n25_Ant 5 Sub TX1	0.687	0.074	0.183	1.098	1.167	1.778
FR1 n66_Ant 5 Sub TX1	0.675	0.074	0.183	1.086	1.155	1.766
FR1 n41_Ant 5 Sub TX1	0.797	0.074	0.183	1.208	1.277	1.888
FR1 n48_Ant 5 Sub TX1	0.674	0.074	0.183	1.085	1.154	1.765
FR1 n77_Ant 5 Sub TX1	0.638	0.074	0.183	1.049	1.118	1.729

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	73.9	1.63	0.03	Not required
Max WWAN Ant 5	0.797	55.6	322.4	-174.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	29.6	0.91	0.03	Not required
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	71.3	0.87	0.01	Not required
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	25.5	0.98	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	74.2	0.84	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8	74.0	0.26	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 3	0.074	28.9	254.5	-171.8	16.9	0.11	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 39>

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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				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	0.661	0.191	0.183	1.189	1.258	1.869
LTE Band 66_Ant 5 Sub TX1	0.608	0.191	0.183	1.136	1.205	1.816
FR1 n25_Ant 5 Sub TX1	0.687	0.191	0.183	1.215	1.284	1.895
FR1 n66_Ant 5 Sub TX1	0.675	0.191	0.183	1.203	1.272	1.883
FR1 n41_Ant 5 Sub TX1	0.797	0.191	0.183	1.325	1.394	2.005
FR1 n48_Ant 5 Sub TX1	0.674	0.191	0.183	1.202	1.271	1.882
FR1 n77_Ant 5 Sub TX1	0.638	0.191	0.183	1.166	1.235	1.846

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	73.9	1.63	0.03	Not required
Max WWAN Ant 5	0.797	55.6	322.4	-174.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	92.3	1.03	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	30.9	0.89	0.03	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	30.6	0.99	0.03	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	68.6	0.85	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	25.5	0.98	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	74.2	0.84	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	6.5	0.37	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	71.0	0.24	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	76.0	0.23	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	15.9	0.10	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	76.7	0.25	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 40>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.661	0.183	0.295	1.293	1.362	1.973
LTE Band 66_Ant 5 Sub TX1	0.608	0.183	0.295	1.240	1.309	1.920
FR1 n25_Ant 5 Sub TX1	0.687	0.183	0.295	1.319	1.388	1.999
FR1 n66_Ant 5 Sub TX1	0.675	0.183	0.295	1.307	1.376	1.987
FR1 n41_Ant 5 Sub TX1	0.797	0.183	0.295	1.429	1.498	2.109
FR1 n48_Ant 5 Sub TX1	0.674	0.183	0.295	1.306	1.375	1.986
FR1 n77_Ant 5 Sub TX1	0.638	0.183	0.295	1.270	1.339	1.950

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	73.9	2.11	0.04	Not required
Max WWAN Ant 5+Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	1.275	55.6	322.4	-174.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5+Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	1.275	13.0	258.8	-167.9	71.1	1.32	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	25.9	328.4	-174.8				

<Case 41>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	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
Left Cheek	1g SAR (W/kg)			0.154	0.223	0.834
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.661	0.183	0.112	1.110	1.179	1.790
LTE Band 66_Ant 5 Sub TX1	0.608	0.183	0.112	1.057	1.126	1.737
FR1 n25_Ant 5 Sub TX1	0.687	0.183	0.112	1.136	1.205	1.816
FR1 n66_Ant 5 Sub TX1	0.675	0.183	0.112	1.124	1.193	1.804
FR1 n41_Ant 5 Sub TX1	0.797	0.183	0.112	1.246	1.315	1.926
FR1 n48_Ant 5 Sub TX1	0.674	0.183	0.112	1.123	1.192	1.803
FR1 n77_Ant 5 Sub TX1	0.638	0.183	0.112	1.087	1.156	1.767

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	73.9	1.63	0.03	Not required
Max WWAN Ant 5	0.797	55.6	322.4	-174.1				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	31.4	0.95	0.03	Not required
Bluetooth Ant 3	0.112	27.4	255.9	-171.6				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	70.4	0.91	0.01	Not required
Bluetooth Ant 3	0.112	27.4	255.9	-171.6				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.02	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	25.5	0.98	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Max WWAN Ant 5	0.797	50.7	322.3	-174.8	74.2	0.84	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Bluetooth Ant 3	0.112	27.4	255.9	-171.6	72.6	0.30	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
Bluetooth Ant 3	0.112	27.4	255.9	-171.6	15.1	0.15	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 42>

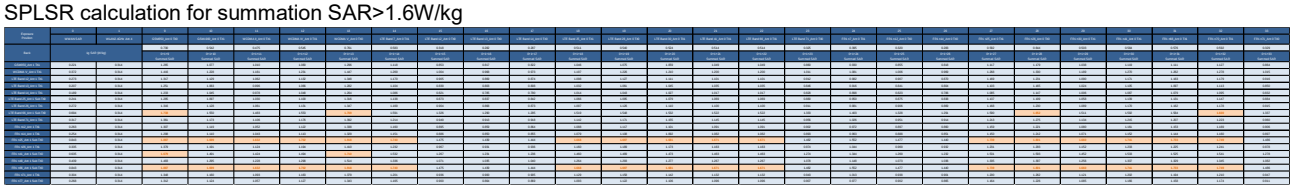
SPLSR calculation for summation SAR>1.6W/kg

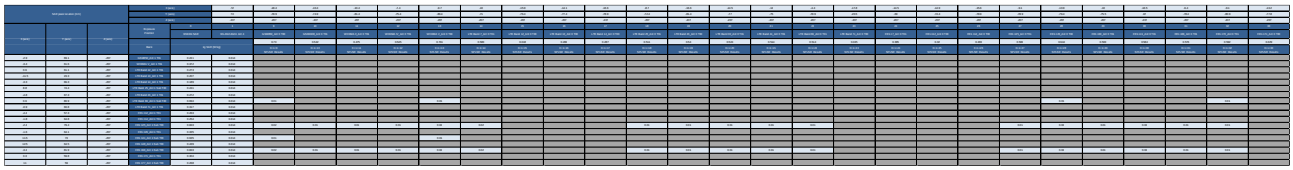
Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Left Cheek	1g SAR (W/kg)			0.100	0.237	0.301
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 48_Ant 6 TX0	0.154	0.183	0.295	0.732	0.869	0.933
FR1 n48_Ant 6 TX0	0.223	0.183	0.295	0.801	0.938	1.002
FR1 n77_Ant 6 TX0	0.834	0.183	0.295	1.412	1.549	1.613

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7	0.301	60.4	312.0	-177.2	63.5	1.14	0.02	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
Max WWAN Ant 7	0.301	60.4	312.0	-177.2	38.3	0.78	0.02	Not required
Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	0.478	25.9	328.4	-174.8				
Max WWAN Ant 7	0.301	60.4	312.0	-177.2	71.9	0.34	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	85.9	1.31	0.02	Not required
Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	0.478	25.9	328.4	-174.8				
Max WWAN Ant 6	0.834	57.6	248.6	-176.1	46.5	0.87	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Bluetooth Ant 4+WLAN5/6G Ant 4+3(4)	0.478	25.9	328.4	-174.8	71.1	0.52	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				

<Case 43>

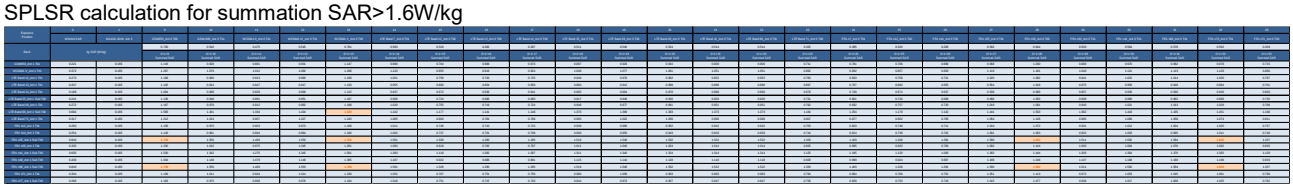
SPLSR calculation for summation SAR>1.6W/kg

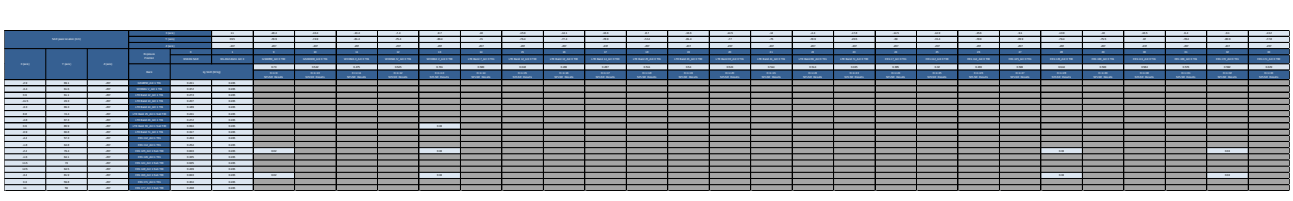




<Case 44>

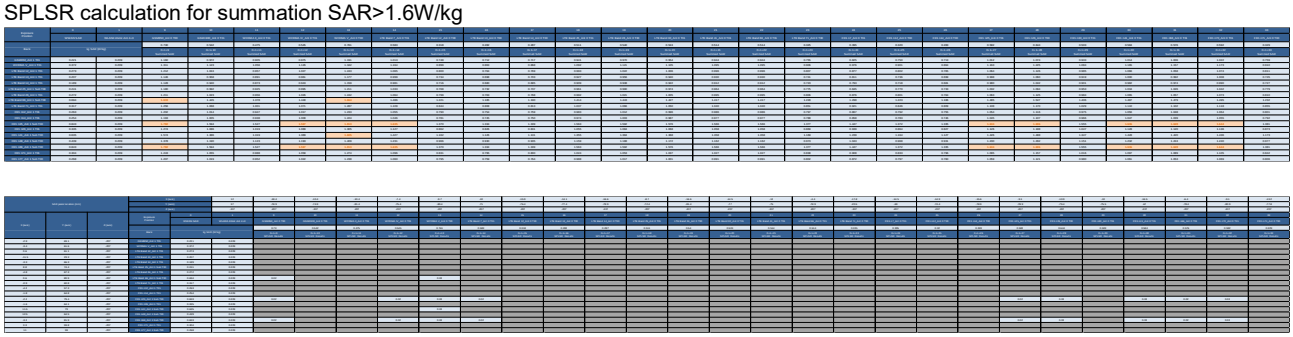
SPLSR calculation for summation SAR>1.6W/kg





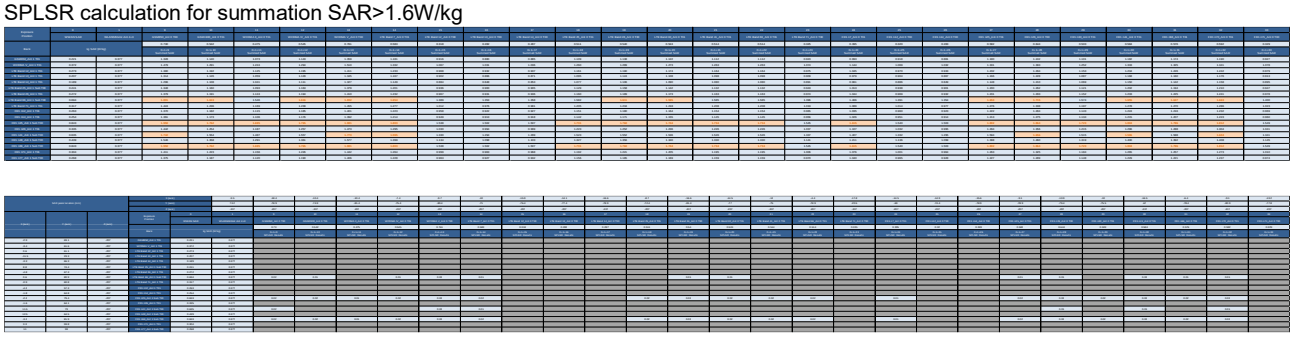
<Case 45>

SPLSR calculation for summation SAR>1.6W/kg



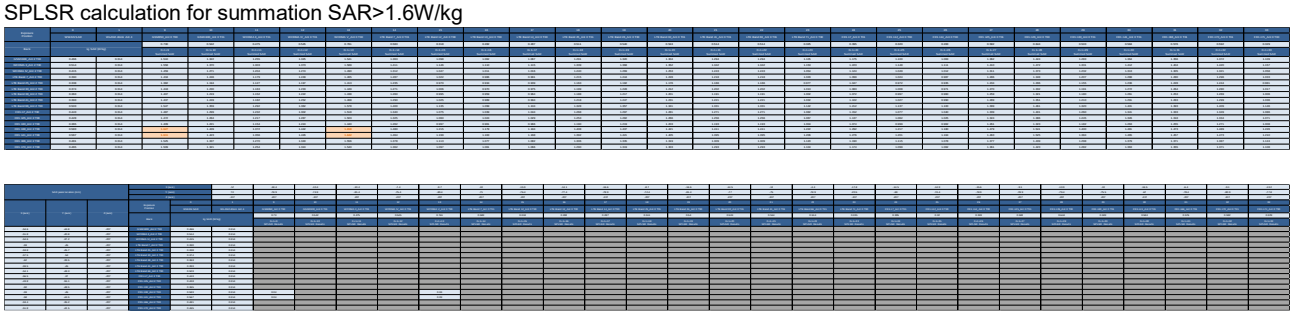
<Case 46>

SPLSR calculation for summation SAR>1.6W/kg



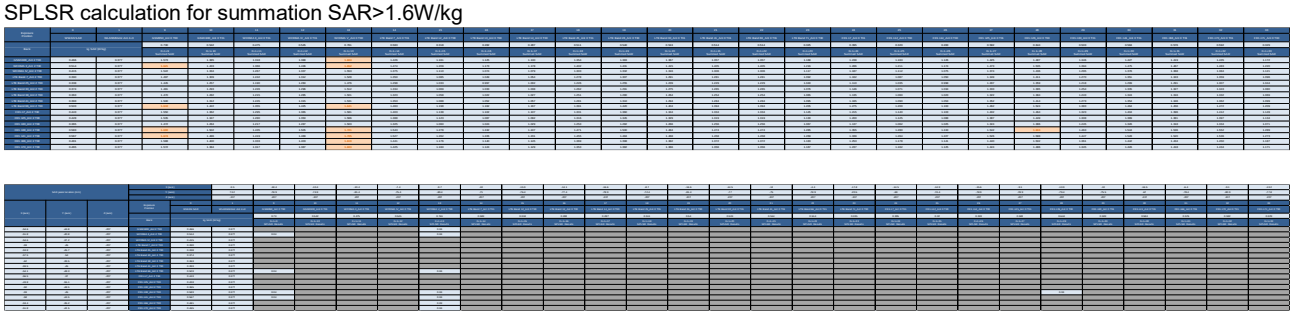
<Case 47>

SPLSR calculation for summation SAR>1.6W/kg



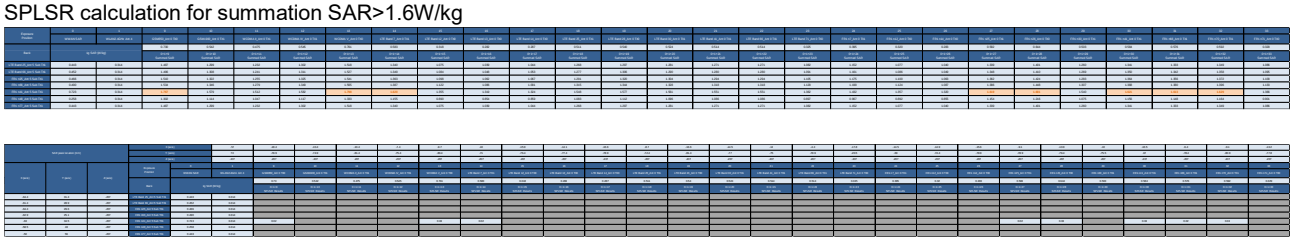
<Case 48>

SPLSR calculation for summation SAR>1.6W/kg



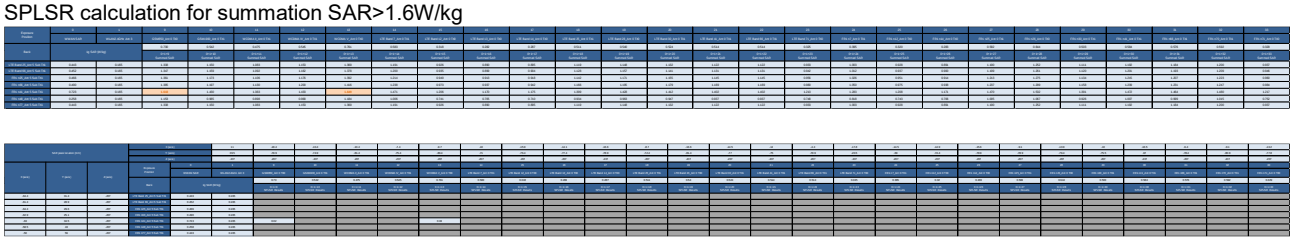
<Case 49>

SPLSR calculation for summation SAR>1.6W/kg



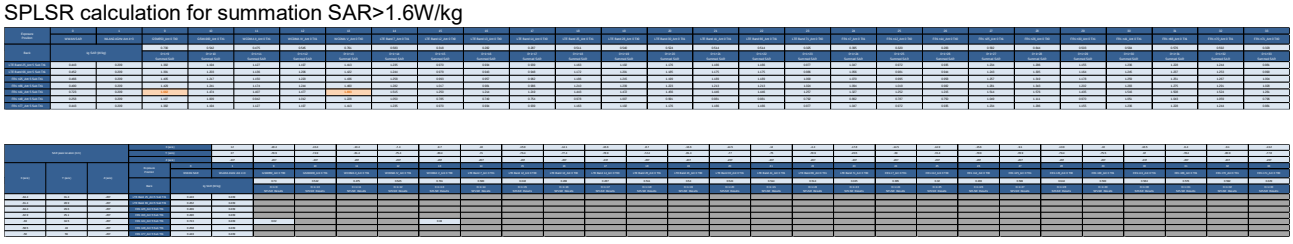
<Case 50>

SPLSR calculation for summation SAR>1.6W/kg



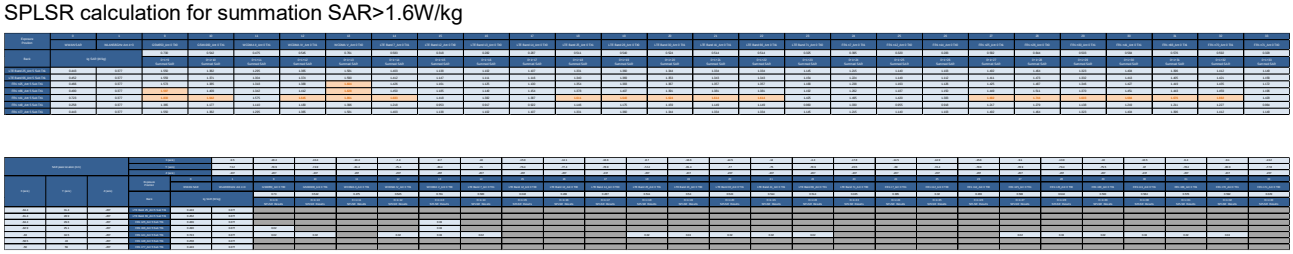
<Case 51>

SPLSR calculation for summation SAR>1.6W/kg



<Case 52>

SPLSR calculation for summation SAR>1.6W/kg



<Case 53>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)		0.466	0.514	0.415	0.390	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.221	0.314	1.001	1.049	0.950	0.925	0.873	0.909	0.898	0.928	1.038	0.978	0.963	0.900	1.118	1.102	1.016	1.000
WCDMA V_Ant 1 TX1	0.372	0.314	1.152	1.200	1.101	1.076	1.024	1.060	1.049	1.079	1.189	1.129	1.114	1.051	1.269	1.253	1.167	1.151
LTE Band 12_Ant 1 TX1	0.273	0.314	1.053	1.101	1.002	0.977	0.925	0.961	0.950	0.980	1.090	1.030	1.015	0.952	1.170	1.154	1.068	1.052
LTE Band 13_Ant 1 TX1	0.207	0.314	0.987	1.035	0.936	0.911	0.859	0.895	0.884	0.914	1.024	0.964	0.949	0.886	1.104	1.088	1.002	0.986
LTE Band 14_Ant 1 TX1	0.189	0.314	0.969	1.017	0.918	0.893	0.841	0.877	0.866	0.896	1.006	0.946	0.931	0.868	1.086	1.070	0.984	0.968
LTE Band 25_Ant 1 Sub TX0	0.241	0.314	1.021	1.069	0.970	0.945	0.893	0.929	0.918	0.948	1.058	0.998	0.983	0.920	1.138	1.122	1.036	1.020
LTE Band 26_Ant 1 TX1	0.272	0.314	1.052	1.100	1.001	0.976	0.924	0.960	0.949	0.979	1.089	1.029	1.014	0.951	1.169	1.153	1.067	1.051
LTE Band 66_Ant 1 Sub TX0	0.694	0.314	1.474	1.522	1.423	1.398	1.346	1.382	1.371	1.401	1.511	1.451	1.436	1.373	1.591	1.575	1.489	1.473
LTE Band 71_Ant 1 TX1	0.317	0.314	1.097	1.145	1.046	1.021	0.969	1.005	0.994	1.024	1.134	1.074	1.059	0.996	1.214	1.198	1.112	1.096
FR1 n12_Ant 1 TX1	0.263	0.314	1.043	1.091	0.992	0.967	0.915	0.951	0.940	0.970	1.080	1.020	1.005	0.942	1.160	1.144	1.058	1.042
FR1 n14_Ant 1 TX1	0.254	0.314	1.034	1.082	0.983	0.958	0.906	0.942	0.931	0.961	1.071	1.011	0.996	0.933	1.151	1.135	1.049	1.033
FR1 n25_Ant 1 Sub TX0	0.843	0.314	1.623	1.671	1.572	1.547	1.495	1.531	1.520	1.550	1.660	1.600	1.585	1.522	1.740	1.724	1.638	1.622
FR1 n26_Ant 1 TX1	0.335	0.314	1.115	1.163	1.064	1.039	0.987	1.023	1.012	1.042	1.152	1.092	1.077	1.014	1.232	1.216	1.130	1.114
FR1 n41_Ant 1 Sub TX0	0.635	0.314	1.415	1.463	1.364	1.339	1.287	1.323	1.312	1.342	1.452	1.392	1.377	1.314	1.532	1.516	1.430	1.414
FR1 n48_Ant 1 Sub TX0	0.439	0.314	1.219	1.267	1.168	1.143	1.091	1.127	1.116	1.146	1.256	1.196	1.181	1.118	1.336	1.320	1.234	1.218
FR1 n66_Ant 1 Sub TX0	0.843	0.314	1.623	1.671	1.572	1.547	1.495	1.531	1.520	1.550	1.660	1.600	1.585	1.522	1.740	1.724	1.638	1.622
FR1 n71_Ant 1 TX1	0.304	0.314	1.084	1.132	1.033	1.008	0.956	0.992	0.981	1.011	1.121	1.061	1.046	0.983	1.201	1.185	1.099	1.083
FR1 n77_Ant 1 Sub TX0	0.268	0.314	1.048	1.096	0.997	0.972	0.920	0.956	0.945	0.975	1.085	1.025	1.010	0.947	1.165	1.149	1.063	1.047

SAR peak location (mm)			X (axis)		-57	-54.6	-51.8	-54.6	-59	-53.8	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		70	-44.8	-40.8	-37.2	-45	-45.7	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.466	0.514	0.415	0.39	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.314																
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.314																
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.314																
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.314																
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.314																
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.314																
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.314																
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.314																
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.314																
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.314																
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.314																
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.314	0.02	0.02							0.02	0.02			0.02	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.314																
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.314																
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.314																
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.314	0.02	0.02							0.02	0.02			0.02	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.314																
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.314																

<Case 54>

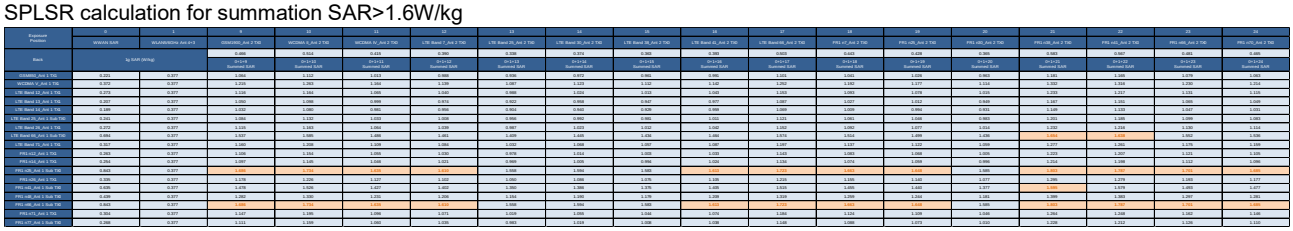
SPLSR calculation for summation SAR>1.6W/kg

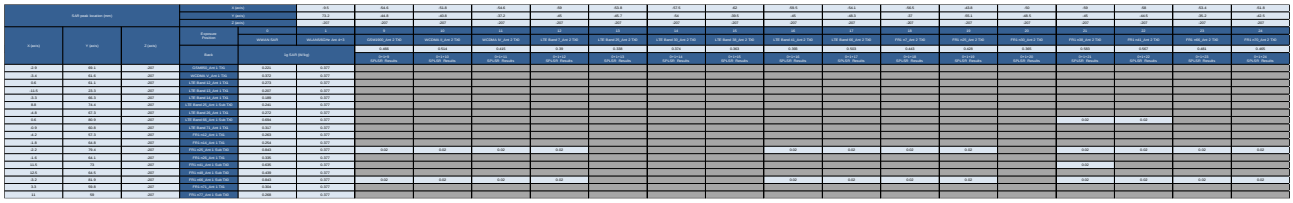
Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)		0.466	0.514	0.415	0.390	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.221	0.209	0.896	0.944	0.845	0.820	0.768	0.804	0.793	0.823	0.933	0.873	0.858	0.795	1.013	0.997	0.911	0.895
WCDMA V_Ant 1 TX1	0.372	0.209	1.047	1.095	0.996	0.971	0.919	0.955	0.944	0.974	1.084	1.024	1.009	0.946	1.164	1.148	1.062	1.046
LTE Band 12_Ant 1 TX1	0.273	0.209	0.948	0.996	0.897	0.872	0.820	0.856	0.845	0.875	0.985	0.925	0.910	0.847	1.065	1.049	0.963	0.947
LTE Band 13_Ant 1 TX1	0.207	0.209	0.882	0.930	0.831	0.806	0.754	0.790	0.779	0.809	0.919	0.859	0.844	0.781	0.999	0.983	0.897	0.881
LTE Band 14_Ant 1 TX1	0.189	0.209	0.864	0.912	0.813	0.788	0.736	0.772	0.761	0.791	0.901	0.841	0.826	0.763	0.981	0.965	0.879	0.863
LTE Band 25_Ant 1 Sub TX0	0.241	0.209	0.916	0.964	0.865	0.840	0.788	0.824	0.813	0.843	0.953	0.893	0.878	0.815	1.033	1.017	0.931	0.915
LTE Band 26_Ant 1 TX1	0.272	0.209	0.947	0.995	0.896	0.871	0.819	0.855	0.844	0.874	0.984	0.924	0.909	0.846	1.064	1.048	0.962	0.946
LTE Band 66_Ant 1 Sub TX0	0.694	0.209	1.369	1.417	1.318	1.293	1.241	1.277	1.266	1.296	1.406	1.346	1.331	1.268	1.486	1.470	1.384	1.368
LTE Band 71_Ant 1 TX1	0.317	0.209	0.992	1.040	0.941	0.916	0.864	0.900	0.889	0.919	1.029	0.969	0.954	0.891	1.109	1.093	1.007	0.991
FR1 n12_Ant 1 TX1	0.263	0.209	0.938	0.986	0.887	0.862	0.810	0.846	0.835	0.865	0.975	0.915	0.900	0.837	1.055	1.039	0.953	0.937
FR1 n14_Ant 1 TX1	0.254	0.209	0.929	0.977	0.878	0.853	0.801	0.837	0.826	0.856	0.966	0.906	0.891	0.828	1.046	1.030	0.944	0.928
FR1 n25_Ant 1 Sub TX0	0.843	0.209	1.518	1.566	1.467	1.442	1.390	1.426	1.415	1.445	1.555	1.495	1.480	1.417	1.635	1.619	1.533	1.517
FR1 n26_Ant 1 TX1	0.335	0.209	1.010	1.058	0.959	0.934	0.882	0.918	0.907	0.937	1.047	0.987	0.972	0.909	1.127	1.111	1.025	1.009
FR1 n41_Ant 1 Sub TX0	0.635	0.209	1.310	1.358	1.259	1.234	1.182	1.218	1.207	1.237	1.347	1.287	1.272	1.209	1.427	1.411	1.325	1.309
FR1 n48_Ant 1 Sub TX0	0.439	0.209	1.114	1.162	1.063	1.038	0.986	1.022	1.011	1.041	1.151	1.091	1.076	1.013	1.231	1.215	1.129	1.113
FR1 n66_Ant 1 Sub TX0	0.843	0.209	1.518	1.566	1.467	1.442	1.390	1.426	1.415	1.445	1.555	1.495	1.480	1.417	1.635	1.619	1.533	1.517
FR1 n71_Ant 1 TX1	0.304	0.209	0.979	1.027	0.928	0.903	0.851	0.887	0.876	0.906	1.016	0.956	0.941	0.878	1.096	1.080	0.994	0.978
FR1 n77_Ant 1 Sub TX0	0.268	0.209	0.943	0.991	0.892	0.867	0.815	0.851	0.840	0.870	0.980	0.920	0.905	0.842	1.060	1.044	0.958	0.942

SAR peak location (mm)			X (axis)		12	-54.6	-51.8	-54.6	-59	-53.8	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		37	-44.8	-40.8	-37.2	-45	-45.7	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.466	0.514	0.415	0.39	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.209																
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.209																
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.209																
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.209																
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.209																
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.209																
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.209																
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.209																
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.209																
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.209																
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.209																
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.209													0.02	0.02		
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.209																
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.209																
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.209																
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.209													0.02	0.02		
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.209																
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.209																

<Case 55>

SPLSR calculation for summation SAR>1.6W/kg





<Case 56>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)		0.322	0.334	0.466
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.314	0.857	0.869	1.001
WCDMA V_Ant 1 TX1	0.372	0.314	1.008	1.020	1.152
LTE Band 12_Ant 1 TX1	0.273	0.314	0.909	0.921	1.053
LTE Band 13_Ant 1 TX1	0.207	0.314	0.843	0.855	0.987
LTE Band 14_Ant 1 TX1	0.189	0.314	0.825	0.837	0.969
LTE Band 25_Ant 1 Sub TX0	0.241	0.314	0.877	0.889	1.021
LTE Band 26_Ant 1 TX1	0.272	0.314	0.908	0.920	1.052
LTE Band 66_Ant 1 Sub TX0	0.694	0.314	1.330	1.342	1.474
LTE Band 71_Ant 1 TX1	0.317	0.314	0.953	0.965	1.097
FR1 n12_Ant 1 TX1	0.263	0.314	0.899	0.911	1.043
FR1 n14_Ant 1 TX1	0.254	0.314	0.890	0.902	1.034
FR1 n25_Ant 1 Sub TX0	0.843	0.314	1.479	1.491	1.623
FR1 n26_Ant 1 TX1	0.335	0.314	0.971	0.983	1.115
FR1 n41_Ant 1 Sub TX0	0.635	0.314	1.271	1.283	1.415
FR1 n48_Ant 1 Sub TX0	0.439	0.314	1.075	1.087	1.219
FR1 n66_Ant 1 Sub TX0	0.843	0.314	1.479	1.491	1.623
FR1 n71_Ant 1 TX1	0.304	0.314	0.940	0.952	1.084
FR1 n77_Ant 1 Sub TX0	0.268	0.314	0.904	0.916	1.048

SAR peak location (mm)			X (axis)	-57	13	13.5	9
			Y (axis)	70	-54	-56	-45
			Z (axis)	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)		0.322	0.334	0.466
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.314			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.314			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.314			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.314			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.314			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.314			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.314			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.314			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.314			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.314			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.314			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.314			0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.314			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.314			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.314			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.314			0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.314			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.314			

<Case 57>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	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)		0.322	0.334	0.466
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.377	0.920	0.932	1.064
WCDMA V_Ant 1 TX1	0.372	0.377	1.071	1.083	1.215
LTE Band 12_Ant 1 TX1	0.273	0.377	0.972	0.984	1.116
LTE Band 13_Ant 1 TX1	0.207	0.377	0.906	0.918	1.050
LTE Band 14_Ant 1 TX1	0.189	0.377	0.888	0.900	1.032
LTE Band 25_Ant 1 Sub TX0	0.241	0.377	0.940	0.952	1.084
LTE Band 26_Ant 1 TX1	0.272	0.377	0.971	0.983	1.115
LTE Band 66_Ant 1 Sub TX0	0.694	0.377	1.393	1.405	1.537
LTE Band 71_Ant 1 TX1	0.317	0.377	1.016	1.028	1.160
FR1 n12_Ant 1 TX1	0.263	0.377	0.962	0.974	1.106
FR1 n14_Ant 1 TX1	0.254	0.377	0.953	0.965	1.097
FR1 n25_Ant 1 Sub TX0	0.843	0.377	1.542	1.554	1.686
FR1 n26_Ant 1 TX1	0.335	0.377	1.034	1.046	1.178
FR1 n41_Ant 1 Sub TX0	0.635	0.377	1.334	1.346	1.478
FR1 n48_Ant 1 Sub TX0	0.439	0.377	1.138	1.150	1.282
FR1 n66_Ant 1 Sub TX0	0.843	0.377	1.542	1.554	1.686
FR1 n71_Ant 1 TX1	0.304	0.377	1.003	1.015	1.147
FR1 n77_Ant 1 Sub TX0	0.268	0.377	0.967	0.979	1.111

SAR peak location (mm)			X (axis)	-9.5	13	13.5	9
			Y (axis)	73.2	-54	-56	-45
			Z (axis)	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	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)		0.322	0.334	0.466
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.377			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.377			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.377			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.377			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.377			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.377			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.377			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.377			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.377			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.377			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.377			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.377			0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.377			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.377			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.377			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.377			0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.377			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.377			

<Case 58>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)		0.263	0.405	0.389
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.377	0.861	1.003	0.987
WCDMA V_Ant 1 TX1	0.372	0.377	1.012	1.154	1.138
LTE Band 12_Ant 1 TX1	0.273	0.377	0.913	1.055	1.039
LTE Band 13_Ant 1 TX1	0.207	0.377	0.847	0.989	0.973
LTE Band 14_Ant 1 TX1	0.189	0.377	0.829	0.971	0.955
LTE Band 25_Ant 1 Sub TX0	0.241	0.377	0.881	1.023	1.007
LTE Band 26_Ant 1 TX1	0.272	0.377	0.912	1.054	1.038
LTE Band 66_Ant 1 Sub TX0	0.694	0.377	1.334	1.476	1.460
LTE Band 71_Ant 1 TX1	0.317	0.377	0.957	1.099	1.083
FR1 n12_Ant 1 TX1	0.263	0.377	0.903	1.045	1.029
FR1 n14_Ant 1 TX1	0.254	0.377	0.894	1.036	1.020
FR1 n25_Ant 1 Sub TX0	0.843	0.377	1.483	1.625	1.609
FR1 n26_Ant 1 TX1	0.335	0.377	0.975	1.117	1.101
FR1 n41_Ant 1 Sub TX0	0.635	0.377	1.275	1.417	1.401
FR1 n48_Ant 1 Sub TX0	0.439	0.377	1.079	1.221	1.205
FR1 n66_Ant 1 Sub TX0	0.843	0.377	1.483	1.625	1.609
FR1 n71_Ant 1 TX1	0.304	0.377	0.944	1.086	1.070
FR1 n77_Ant 1 Sub TX0	0.268	0.377	0.908	1.050	1.034

SAR peak location (mm)			X (axis)	-9.5	-57.5	-58.5	-48
			Y (axis)	73.2	-51	-49.5	-64
			Z (axis)	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)		0.263	0.405	0.389
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.377			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.377			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.377			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.377			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.377			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.377			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.377			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.377			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.377			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.377			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.377			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.377		0.02	0.01
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.377			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.377			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.377			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.377		0.02	0.01
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.377			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.377			

<Case 59>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)		0.466	0.514	0.415	0.390	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.443	0.314	1.223	1.271	1.172	1.147	1.095	1.131	1.120	1.150	1.260	1.200	1.185	1.122	1.340	1.324	1.238	1.222
LTE Band 66_Ant 5 Sub TX1	0.452	0.314	1.232	1.280	1.181	1.156	1.104	1.140	1.129	1.159	1.269	1.209	1.194	1.131	1.349	1.333	1.247	1.231
FR1 n25_Ant 5 Sub TX1	0.466	0.314	1.246	1.294	1.195	1.170	1.118	1.154	1.143	1.173	1.283	1.223	1.208	1.145	1.363	1.347	1.261	1.245
FR1 n66_Ant 5 Sub TX1	0.490	0.314	1.270	1.318	1.219	1.194	1.142	1.178	1.167	1.197	1.307	1.247	1.232	1.169	1.387	1.371	1.285	1.269
FR1 n41_Ant 5 Sub TX1	0.723	0.314	1.503	1.551	1.452	1.427	1.375	1.411	1.400	1.430	1.540	1.480	1.465	1.402	1.620	1.604	1.518	1.502
FR1 n48_Ant 5 Sub TX1	0.258	0.314	1.038	1.086	0.987	0.962	0.910	0.946	0.935	0.965	1.075	1.015	1.000	0.937	1.155	1.139	1.053	1.037
FR1 n77_Ant 5 Sub TX1	0.443	0.314	1.223	1.271	1.172	1.147	1.095	1.131	1.120	1.150	1.260	1.200	1.185	1.122	1.340	1.324	1.238	1.222

SAR peak location (mm)			X (axis)		-57	-54.6	-51.8	-54.6	-59	-53.8	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		70	-44.8	-40.8	-37.2	-45	-45.7	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.466	0.514	0.415	0.39	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.314																
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.314																
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.314																
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.314																
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.314													0.03	0.03		
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.314																
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.314																

<Case 60>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)		0.466	0.514	0.415	0.390	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.443	0.377	1.286	1.334	1.235	1.210	1.158	1.194	1.183	1.213	1.323	1.263	1.248	1.185	1.403	1.387	1.301	1.285
LTE Band 66_Ant 5 Sub TX1	0.452	0.377	1.295	1.343	1.244	1.219	1.167	1.203	1.192	1.222	1.332	1.272	1.257	1.194	1.412	1.396	1.310	1.294
FR1 n25_Ant 5 Sub TX1	0.466	0.377	1.309	1.357	1.258	1.233	1.181	1.217	1.206	1.236	1.346	1.286	1.271	1.208	1.426	1.410	1.324	1.308
FR1 n66_Ant 5 Sub TX1	0.490	0.377	1.333	1.381	1.282	1.257	1.205	1.241	1.230	1.260	1.370	1.310	1.295	1.232	1.450	1.434	1.348	1.332
FR1 n41_Ant 5 Sub TX1	0.723	0.377	1.566	1.614	1.515	1.490	1.438	1.474	1.463	1.493	1.603	1.543	1.528	1.465	1.683	1.667	1.581	1.565
FR1 n48_Ant 5 Sub TX1	0.258	0.377	1.101	1.149	1.050	1.025	0.973	1.009	0.998	1.028	1.138	1.078	1.063	1.000	1.218	1.202	1.116	1.100
FR1 n77_Ant 5 Sub TX1	0.443	0.377	1.286	1.334	1.235	1.210	1.158	1.194	1.183	1.213	1.323	1.263	1.248	1.185	1.403	1.387	1.301	1.285

SAR peak location (mm)			X (axis)		-9.5	-54.6	-51.8	-54.6	-59	-53.8	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		73.2	-44.8	-40.8	-37.2	-45	-45.7	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.466	0.514	0.415	0.39	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.377																
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.377																
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.377																
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.377																
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.377		0.03							0.02				0.03	0.03		
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.377																
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.377																

<Case 61>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Edge	1g SAR (W/kg)		0.685	0.772	0.510	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.580	0.775	0.774	0.579	0.542
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.172	1.534	1.621	1.359	1.377	1.335	1.413	1.387	1.377	1.441	1.688	1.373	1.429	1.624	1.623	1.428	1.391
LTE Band 66_Ant 5 Sub TX1	0.667	0.172	1.524	1.611	1.349	1.367	1.325	1.403	1.377	1.367	1.431	1.678	1.363	1.419	1.614	1.613	1.418	1.381
FR1 n25_Ant 5 Sub TX1	0.826	0.172	1.683	1.770	1.508	1.526	1.484	1.562	1.536	1.526	1.590	1.837	1.522	1.578	1.773	1.772	1.577	1.540
FR1 n66_Ant 5 Sub TX1	0.579	0.172	1.436	1.523	1.261	1.279	1.237	1.315	1.289	1.279	1.343	1.590	1.275	1.331	1.526	1.525	1.330	1.293
FR1 n41_Ant 5 Sub TX1	0.745	0.172	1.602	1.689	1.427	1.445	1.403	1.481	1.455	1.445	1.509	1.756	1.441	1.497	1.692	1.691	1.496	1.459
FR1 n48_Ant 5 Sub TX1	0.144	0.172	1.001	1.088	0.826	0.844	0.802	0.880	0.854	0.844	0.908	1.155	0.840	0.896	1.091	1.090	0.895	0.858
FR1 n77_Ant 5 Sub TX1	0.359	0.172	1.216	1.303	1.041	1.059	1.017	1.095	1.069	1.059	1.123	1.370	1.055	1.111	1.306	1.305	1.110	1.073

SAR peak location (mm)			X (axis)		-25	-26.2	-28	-27	-25.9	-26.5	-22.7	-25	-26.4	-24.9	-22.9	-27.9	-27.3	-27.3	-27.3	-27.9	-27.9
			Y (axis)		-63.5	42.2	37.1	48.3	43.5	52.3	55.5	55.5	55.5	50.5	45	37	57	56	35.5	46.3	45.8
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Edge	1g SAR (W/kg)		0.685	0.772	0.51	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.58	0.775	0.774	0.579	0.542
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.172		0.03								0.03			0.02	0.03		
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.172		0.03								0.03			0.02	0.03		
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.172	0.03	0.03								0.03			0.03	0.03		
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.172																
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.172	0.03	0.03								0.03			0.02	0.03		
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.172																
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.172																

<Case 62>

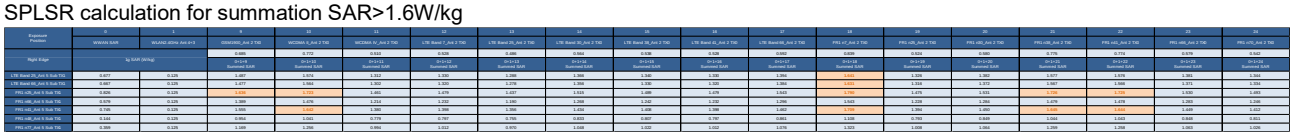
SPLSR calculation for summation SAR>1.6W/kg

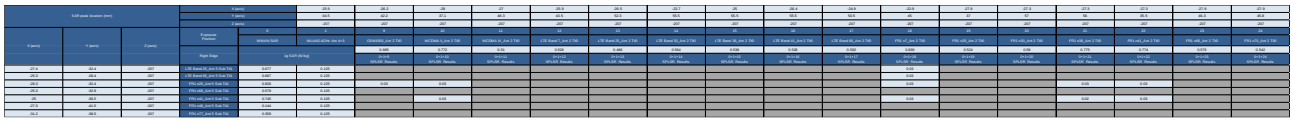
Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Edge	1g SAR (W/kg)		0.685	0.772	0.510	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.580	0.775	0.774	0.579	0.542
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.018	1.380	1.467	1.205	1.223	1.181	1.259	1.233	1.223	1.287	1.534	1.219	1.275	1.470	1.469	1.274	1.237
LTE Band 66_Ant 5 Sub TX1	0.667	0.018	1.370	1.457	1.195	1.213	1.171	1.249	1.223	1.213	1.277	1.524	1.209	1.265	1.460	1.459	1.264	1.227
FR1 n25_Ant 5 Sub TX1	0.826	0.018	1.529	1.616	1.354	1.372	1.330	1.408	1.382	1.372	1.436	1.683	1.368	1.424	1.619	1.618	1.423	1.386
FR1 n66_Ant 5 Sub TX1	0.579	0.018	1.282	1.369	1.107	1.125	1.083	1.161	1.135	1.125	1.189	1.436	1.121	1.177	1.372	1.371	1.176	1.139
FR1 n41_Ant 5 Sub TX1	0.745	0.018	1.448	1.535	1.273	1.291	1.249	1.327	1.301	1.291	1.355	1.602	1.287	1.343	1.538	1.537	1.342	1.305
FR1 n48_Ant 5 Sub TX1	0.144	0.018	0.847	0.934	0.672	0.690	0.648	0.726	0.700	0.690	0.754	1.001	0.686	0.742	0.937	0.936	0.741	0.704
FR1 n77_Ant 5 Sub TX1	0.359	0.018	1.062	1.149	0.887	0.905	0.863	0.941	0.915	0.905	0.969	1.216	0.901	0.957	1.152	1.151	0.956	0.919

SAR peak location (mm)			X (axis)		-27.2	-26.2	-28	-27	-25.9	-26.5	-22.7	-25	-26.4	-24.9	-22.9	-27.9	-27.3	-27.3	-27.3	-27.9	-27.9
			Y (axis)		-14	42.2	37.1	48.3	43.5	52.3	55.5	55.5	55.5	50.5	45	37	57	56	35.5	46.3	45.8
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Edge	1g SAR (W/kg)		0.685	0.772	0.51	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.58	0.775	0.774	0.579	0.542
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.018																
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.018																
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.018		0.04								0.04			0.03	0.04		
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.018																
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.018										0.03						
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.018																
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.018																

<Case 63>

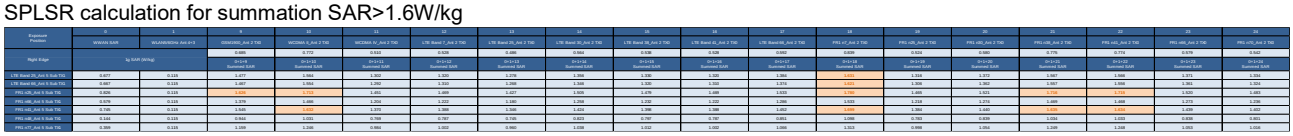
SPLSR calculation for summation SAR>1.6W/kg

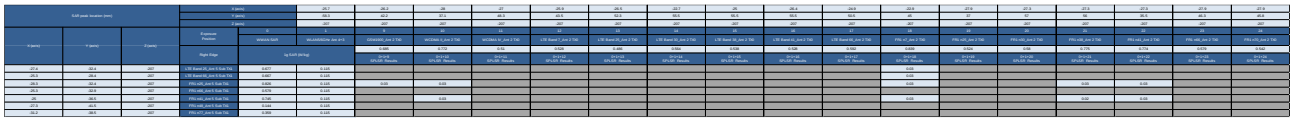




<Case 64>

SPLSR calculation for summation SAR>1.6W/kg





<Case 65>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)		0.481	0.739	0.585
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.172	1.330	1.588	1.434
LTE Band 66_Ant 5 Sub TX1	0.667	0.172	1.320	1.578	1.424
FR1 n25_Ant 5 Sub TX1	0.826	0.172	1.479	1.737	1.583
FR1 n66_Ant 5 Sub TX1	0.579	0.172	1.232	1.490	1.336
FR1 n41_Ant 5 Sub TX1	0.745	0.172	1.398	1.656	1.502
FR1 n48_Ant 5 Sub TX1	0.144	0.172	0.797	1.055	0.901
FR1 n77_Ant 5 Sub TX1	0.359	0.172	1.012	1.270	1.116

SAR peak location (mm)			X (axis)	-25	-28.2	-25	-27.3
			Y (axis)	-63.5	54.5	58	55.5
			Z (axis)	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)		0.481	0.739	0.585
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.172			
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.172			
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.172		0.03	
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.172			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.172		0.02	
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.172			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.172			

<Case 66>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)		0.481	0.739	0.585
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.125	1.283	1.541	1.387
LTE Band 66_Ant 5 Sub TX1	0.667	0.125	1.273	1.531	1.377
FR1 n25_Ant 5 Sub TX1	0.826	0.125	1.432	1.690	1.536
FR1 n66_Ant 5 Sub TX1	0.579	0.125	1.185	1.443	1.289
FR1 n41_Ant 5 Sub TX1	0.745	0.125	1.351	1.609	1.455
FR1 n48_Ant 5 Sub TX1	0.144	0.125	0.750	1.008	0.854
FR1 n77_Ant 5 Sub TX1	0.359	0.125	0.965	1.223	1.069

SAR peak location (mm)			X (axis)		-25.9	-28.2	-25	-27.3
			Y (axis)		-64.5	54.5	58	55.5
			Z (axis)		-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)		0.481	0.739	0.585
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.125			
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.125			
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.125		0.02	
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.125			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.125		0.02	
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.125			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.125			

<Case 67>

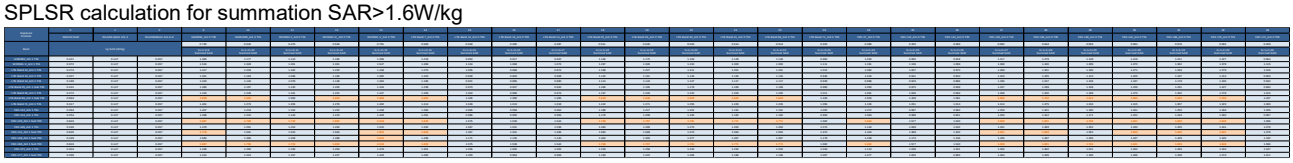
SPLSR calculation for summation SAR>1.6W/kg

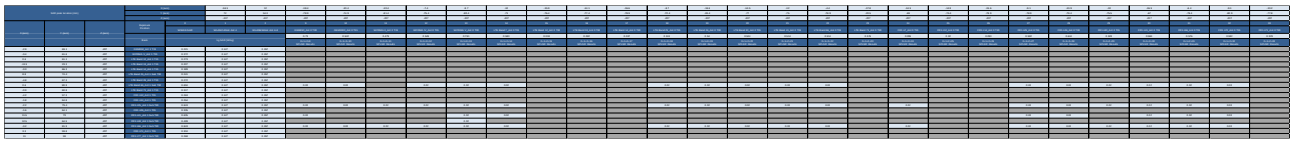
Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)		0.481	0.739	0.585
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.115	1.273	1.531	1.377
LTE Band 66_Ant 5 Sub TX1	0.667	0.115	1.263	1.521	1.367
FR1 n25_Ant 5 Sub TX1	0.826	0.115	1.422	1.680	1.526
FR1 n66_Ant 5 Sub TX1	0.579	0.115	1.175	1.433	1.279
FR1 n41_Ant 5 Sub TX1	0.745	0.115	1.341	1.599	1.445
FR1 n48_Ant 5 Sub TX1	0.144	0.115	0.740	0.998	0.844
FR1 n77_Ant 5 Sub TX1	0.359	0.115	0.955	1.213	1.059

SAR peak location (mm)			X (axis)		-25.7	-28.2	-25	-27.3
			Y (axis)		-58.3	54.5	58	55.5
			Z (axis)		-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)		0.481	0.739	0.585
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.115			
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.115			
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.115		0.02	
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.115			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.115		0.02	
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.115			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.115			

<Case 68>

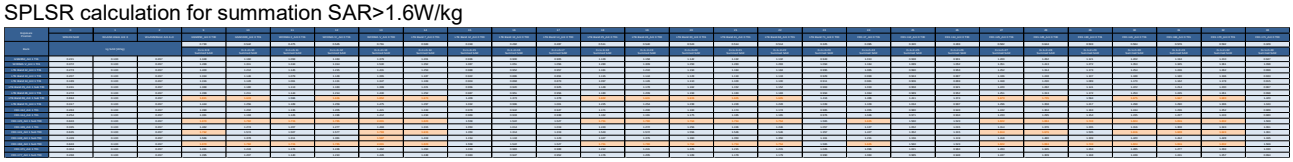
SPLSR calculation for summation SAR>1.6W/kg

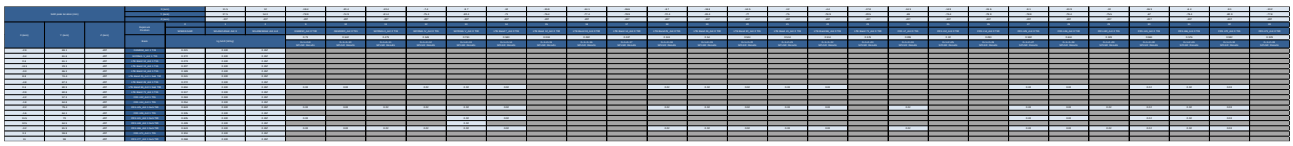




<Case 69>

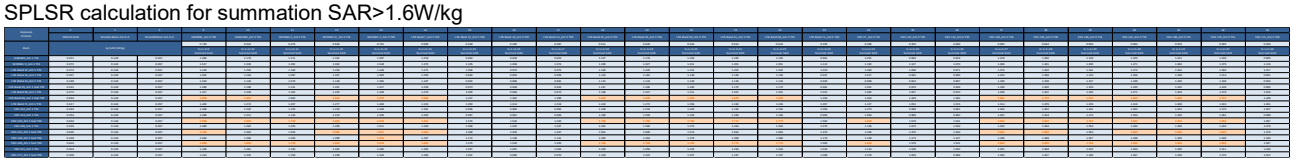
SPLSR calculation for summation SAR>1.6W/kg





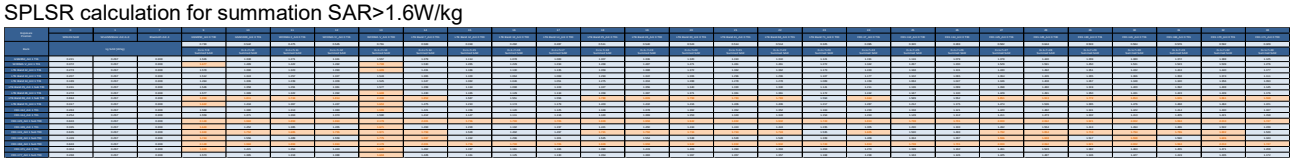
<Case 70>

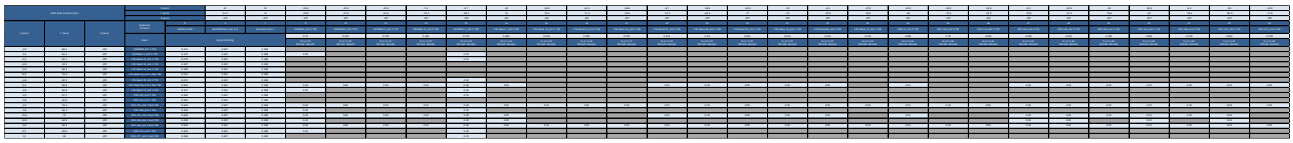
SPLSR calculation for summation SAR>1.6W/kg



<Case 71>

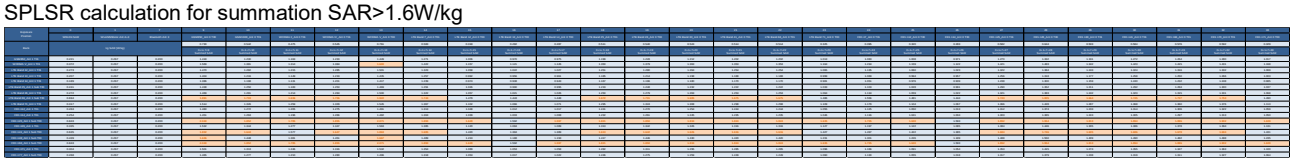
SPLSR calculation for summation SAR>1.6W/kg

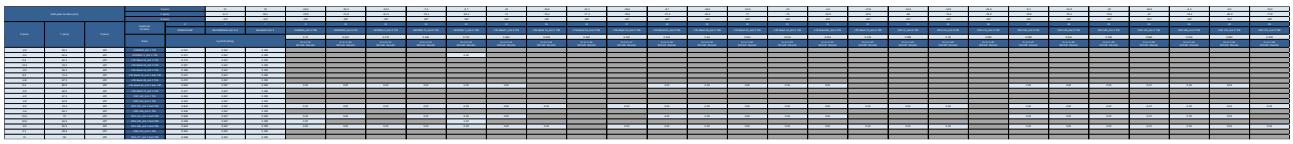




<Case 72>

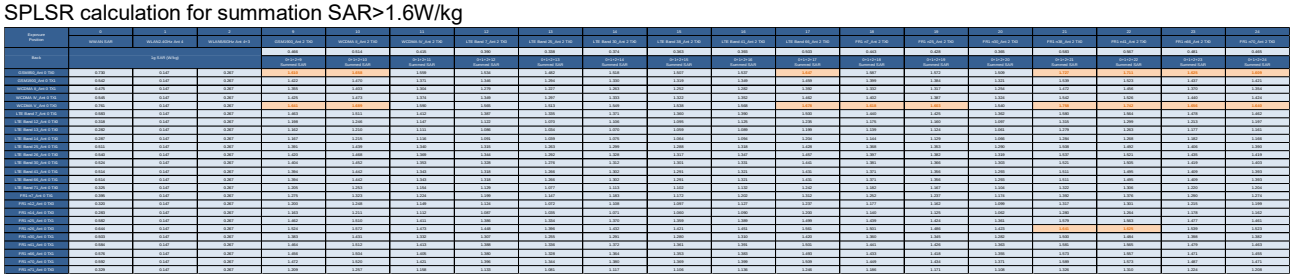
SPLSR calculation for summation SAR>1.6W/kg





<Case 73>

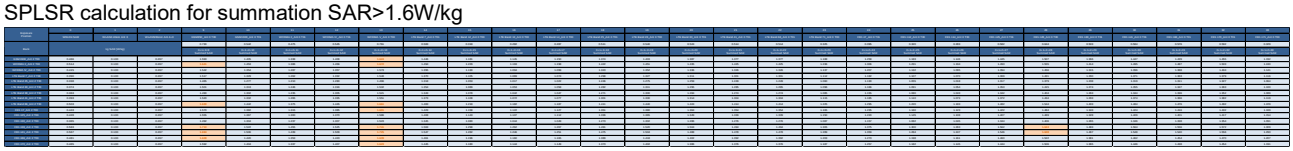
SPLSR calculation for summation SAR>1.6W/kg

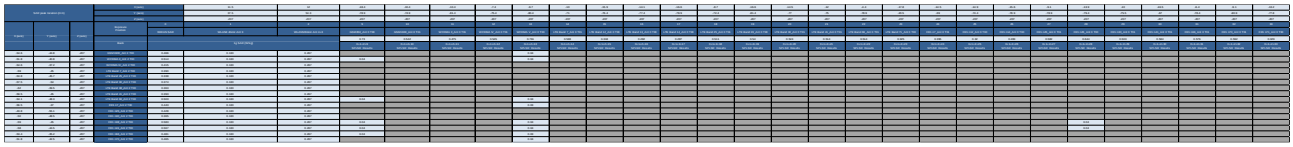


Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			X	Y	Z				
WWAN Ant 2 + WWAN Ant 0	Max WWAN Ant 2	0.583	-43.8	-55.1	-207.0	42.5	1.34	0.04	Not required
	Max WWAN Ant 0	0.761	-9.7	-80.4	-207.0				
WWAN Ant 2 + WLAN2.4G Ant 4	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	107.2	0.73	0.01	Not required
	WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0				
WWAN Ant 0 + WLAN2.4G Ant 4	Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	155.6	0.91	0.01	Not required
	WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	121.3	0.75	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	110.8	0.85	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	162.3	0.93	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 0	0.761	-13.9	-79.4	-207.0	136.2	1.03	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3(4)	WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0	31.4	0.32	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WLAN2.4G Ant 4 + WLAN5/6G Ant 4+3(3)	WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0	70.7	0.41	0.00	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN5/6G Ant 4+3(4) + WLAN5/6G Ant 4+3(3)	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	48.7	0.44	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				

<Case 74>

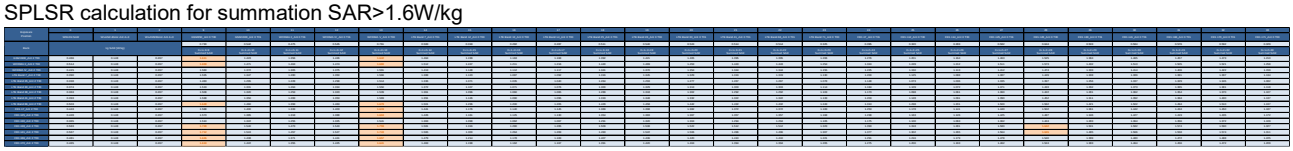
SPLSR calculation for summation SAR>1.6W/kg





<Case 75>

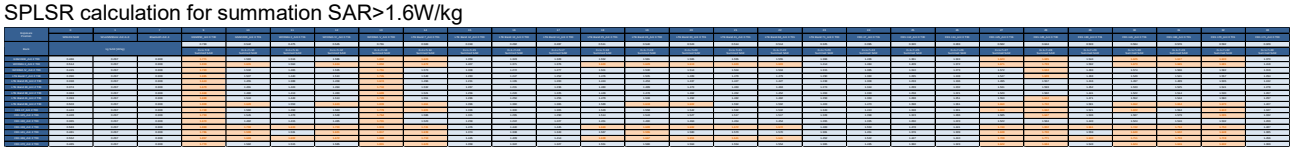
SPLSR calculation for summation SAR>1.6W/kg



Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			X	Y	Z				
WWAN Ant 0 + WWAN Ant 2	Max WWAN Ant 0	0.761	-9.7	-80.4	-207.0	42.5	1.34	0.04	Not required
	Max WWAN Ant 2	0.583	-43.8	-55.1	-207.0				
WWAN Ant 0 + WLAN2.4G Ant 4+3(4)	Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	154.7	0.91	0.01	Not required
	WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0				
WWAN Ant 0 + WLAN2.4G Ant 4+3(3)	Max WWAN Ant 0	0.761	-13.9	-79.4	-207.0	119.2	0.88	0.01	Not required
	WLAN2.4G Ant 4+3(3)	0.119	12.0	37.0	-207.0				
WWAN Ant 2 + WLAN2.4G Ant 4+3(4)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	106.7	0.73	0.01	Not required
	WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0				
WWAN Ant 2 + WLAN2.4G Ant 4+3(3)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	97.4	0.70	0.01	Not required
	WLAN2.4G Ant 4+3(3)	0.119	12.0	37.0	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	162.3	0.93	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 0	0.761	-13.9	-79.4	-207.0	136.2	1.03	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	121.3	0.75	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	110.8	0.85	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN2.4G Ant 4+3(4) + WLAN5/6G Ant 4+3(4)	WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0	29.7	0.32	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WLAN2.4G Ant 4+3(3) + WLAN5/6G Ant 4+3(4)	WLAN2.4G Ant 4+3(3)	0.119	12.0	37.0	-207.0	60.6	0.29	0.00	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WLAN2.4G Ant 4+3(4) + WLAN5/6G Ant 4+3(3)	WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0	68.7	0.42	0.00	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN2.4G Ant 4+3(3) + WLAN5/6G Ant 4+3(3)	WLAN2.4G Ant 4+3(3)	0.119	12.0	37.0	-207.0	17.3	0.39	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN2.4G Ant 4+3(4) + WLAN2.4G Ant 4+3(3)	WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0	74.9	0.27	0.00	Not required
	WLAN2.4G Ant 4+3(3)	0.119	12.0	37.0	-207.0				
WLAN5/6G Ant 4+3(4) + WLAN5/6G Ant 4+3(3)	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	48.7	0.44	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				

<Case 76>

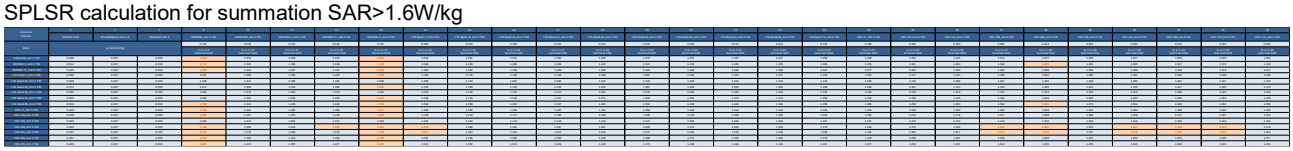
SPLSR calculation for summation SAR>1.6W/kg



Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			X	Y	Z				
WWAN Ant 0 + WWAN Ant 2	Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	34.8	1.34	0.04	Not required
	Max WWAN Ant 2	0.583	-43.8	-55.1	-207.0				
WWAN Ant 0 + Bluetooth Ant 4	Max WWAN Ant 0	0.761	-16.5	-67.0	-207.0	144.8	1.07	0.01	Not required
	Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
WWAN Ant 2 + Bluetooth Ant 4	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	107.3	0.89	0.01	Not required
	Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 0	0.761	-16.5	-67.0	-207.0	150.6	0.93	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 0	0.761	-16.5	-67.0	-207.0	124.6	1.03	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	121.3	0.75	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	110.8	0.85	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
Bluetooth Ant 4 + WLAN5/6G Ant 4+3(4)	Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	31.8	0.48	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Bluetooth Ant 4 + WLAN5/6G Ant 4+3(3)	Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	71.2	0.58	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN5/6G Ant 4+3(4) + WLAN5/6G Ant 4+3(3)	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	48.7	0.44	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				

<Case 77>

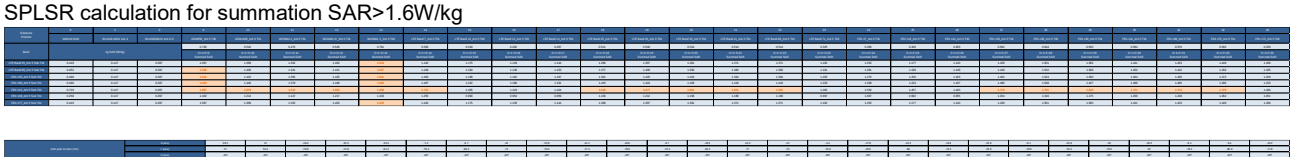
SPLSR calculation for summation SAR>1.6W/kg

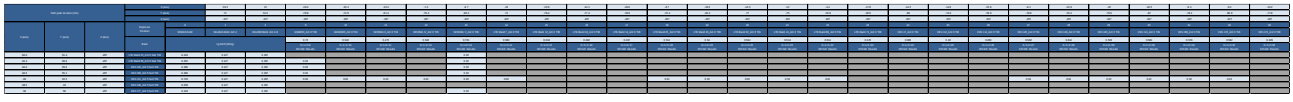


Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			X	Y	Z				
WWAN Ant 0 + WWAN Ant 2	Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	34.8	1.34	0.04	Not required
	Max WWAN Ant 2	0.583	-43.8	-55.1	-207.0				
WWAN Ant 0 + Bluetooth Ant 3	Max WWAN Ant 0	0.761	-16.5	-67.0	-207.0	106.8	0.96	0.01	Not required
	Bluetooth Ant 3	0.200	10.0	36.5	-207.0				
WWAN Ant 2 + Bluetooth Ant 3	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	95.7	0.78	0.01	Not required
	Bluetooth Ant 3	0.200	10.0	36.5	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 0	0.761	-16.5	-67.0	-207.0	150.6	0.93	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 0 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 0	0.761	-16.5	-67.0	-207.0	124.6	1.03	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	121.3	0.75	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(3)	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	110.8	0.85	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
Bluetooth Ant 3 + WLAN5/6G Ant 4+3(4)	Bluetooth Ant 3	0.200	10.0	36.5	-207.0	59.7	0.37	0.00	Not required
	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Bluetooth Ant 3 + WLAN5/6G Ant 4+3(3)	Bluetooth Ant 3	0.200	10.0	36.5	-207.0	17.9	0.47	0.02	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN5/6G Ant 4+3(4) + WLAN5/6G Ant 4+3(3)	WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	48.7	0.44	0.01	Not required
	WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				

<Case 78>

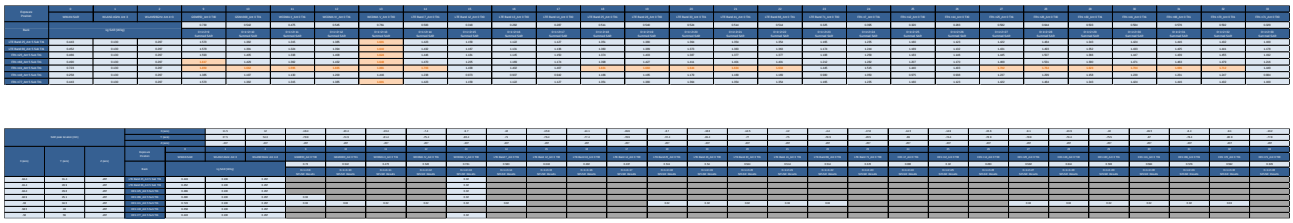
SPLSR calculation for summation SAR>1.6W/kg





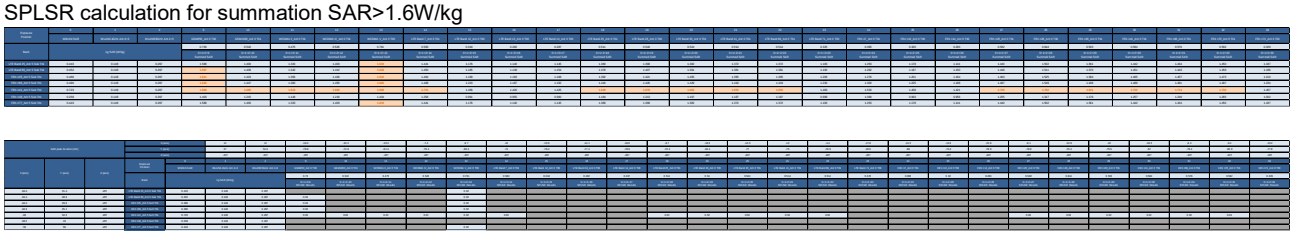
<Case 79>

SPLSR calculation for summation SAR>1.6W/kg



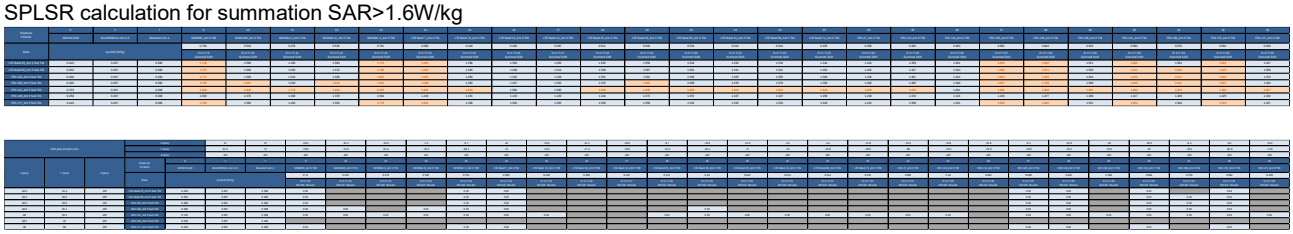
<Case 80>

SPLSR calculation for summation SAR>1.6W/kg



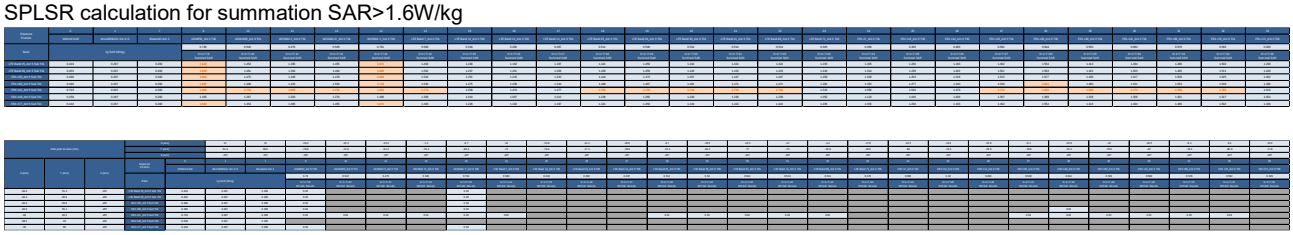
<Case 81>

SPLSR calculation for summation SAR>1.6W/kg



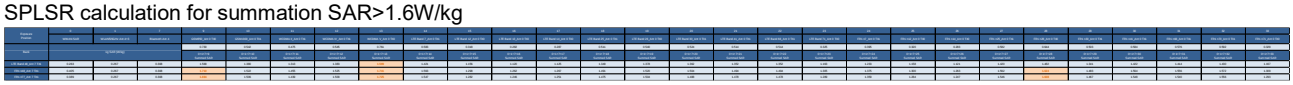
<Case 82>

SPLSR calculation for summation SAR>1.6W/kg



<Case 83>

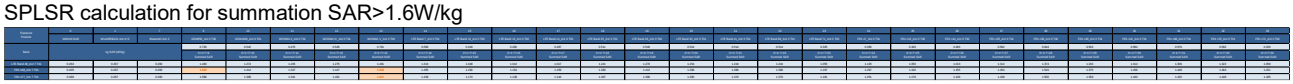
SPLSR calculation for summation SAR>1.6W/kg



Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	33.1	1.17	0.04	Not required
Max WWAN Ant 7	0.405	-48.0	-64.0	-207.0				
Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	155.8	1.07	0.01	Not required
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0	121.5	0.71	0.00	Not required
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	162.3	0.93	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Max WWAN Ant 0	0.761	-13.9	-79.4	-207.0	136.2	1.03	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0	136.3	0.57	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0	125.5	0.67	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	31.8	0.48	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	71.2	0.58	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	48.7	0.44	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				

<Case 84>

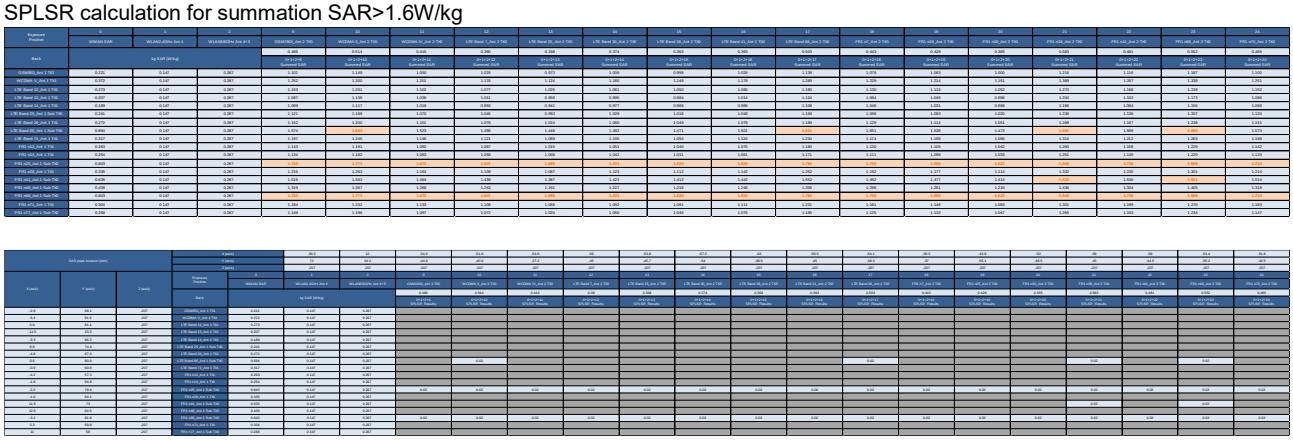
SPLSR calculation for summation SAR>1.6W/kg



Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0	0.761	-9.7	-80.4	-207.0	41.7	1.17	0.03	Not required
Max WWAN Ant 7	0.405	-48.0	-64.0	-207.0				
Max WWAN Ant 0	0.761	-9.7	-80.4	-207.0	118.5	0.96	0.01	Not required
Bluetooth Ant 3	0.200	10.0	36.5	-207.0				
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0	109.9	0.61	0.00	Not required
Bluetooth Ant 3	0.200	10.0	36.5	-207.0				
Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0	162.3	0.93	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Max WWAN Ant 0	0.761	-9.7	-80.4	-207.0	136.4	1.03	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0	136.3	0.57	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0	125.5	0.67	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
Bluetooth Ant 3	0.200	10.0	36.5	-207.0	59.7	0.37	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
Bluetooth Ant 3	0.200	10.0	36.5	-207.0	17.9	0.47	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	48.7	0.44	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				

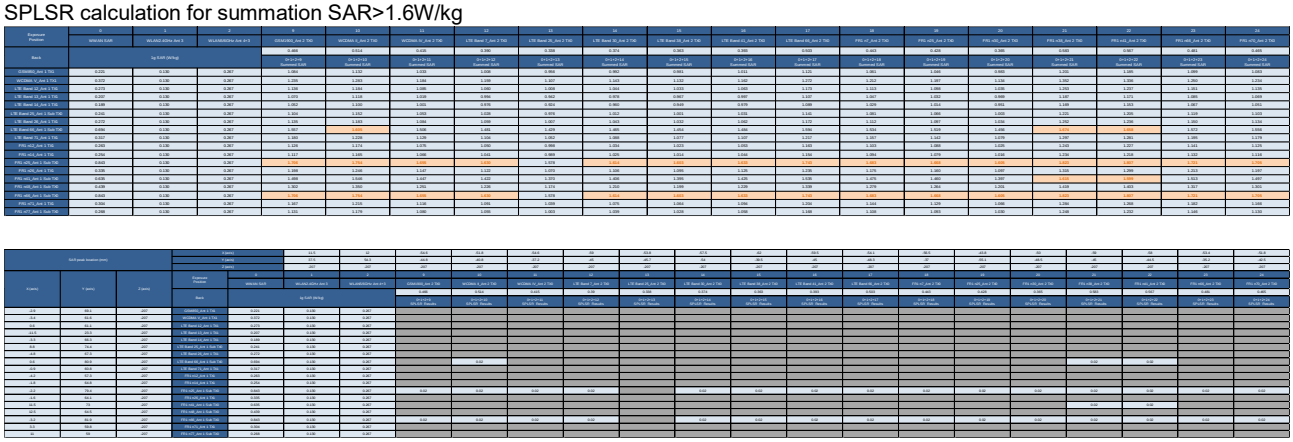
<Case 85>

SPLSR calculation for summation SAR>1.6W/kg



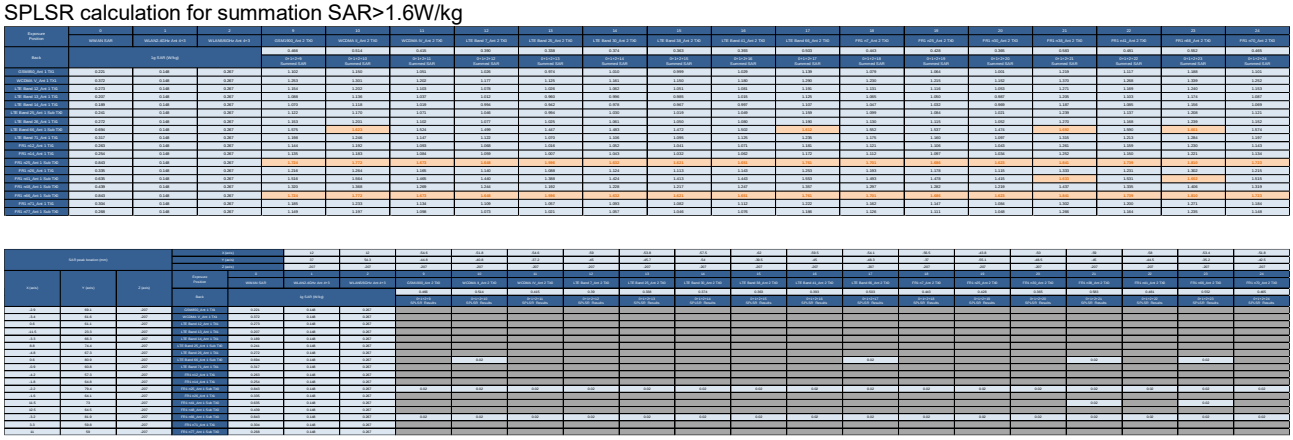
<Case 86>

SPLSR calculation for summation SAR>1.6W/kg



<Case 87>

SPLSR calculation for summation SAR>1.6W/kg



<Case 88>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.466	0.514	0.415	0.390	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
				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	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR
GSM850_Ant 1 TX1	0.221	0.267	0.308	1.262	1.310	1.211	1.186	1.134	1.170	1.159	1.189	1.299	1.239	1.224	1.161	1.379	1.363	1.277	1.261
WCDMA V_Ant 1 TX1	0.372	0.267	0.308	1.413	1.461	1.362	1.337	1.285	1.321	1.310	1.340	1.450	1.390	1.375	1.312	1.530	1.514	1.428	1.412
LTE Band 12_Ant 1 TX1	0.273	0.267	0.308	1.314	1.362	1.263	1.238	1.186	1.222	1.211	1.241	1.351	1.291	1.276	1.213	1.431	1.415	1.329	1.313
LTE Band 13_Ant 1 TX1	0.207	0.267	0.308	1.248	1.296	1.197	1.172	1.120	1.156	1.145	1.175	1.285	1.225	1.210	1.147	1.365	1.349	1.263	1.247
LTE Band 14_Ant 1 TX1	0.189	0.267	0.308	1.230	1.278	1.179	1.154	1.102	1.138	1.127	1.157	1.267	1.207	1.192	1.129	1.347	1.331	1.245	1.229
LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.308	1.282	1.330	1.231	1.206	1.154	1.190	1.179	1.209	1.319	1.259	1.244	1.181	1.399	1.383	1.297	1.281
LTE Band 26_Ant 1 TX1	0.272	0.267	0.308	1.313	1.361	1.262	1.237	1.185	1.221	1.210	1.240	1.350	1.290	1.275	1.212	1.430	1.414	1.328	1.312
LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.308	1.735	1.783	1.684	1.659	1.607	1.643	1.632	1.662	1.772	1.712	1.697	1.634	1.852	1.836	1.750	1.734
LTE Band 71_Ant 1 TX1	0.317	0.267	0.308	1.358	1.406	1.307	1.282	1.230	1.266	1.255	1.285	1.395	1.335	1.320	1.257	1.475	1.459	1.373	1.357
FR1 n12_Ant 1 TX1	0.263	0.267	0.308	1.304	1.352	1.253	1.228	1.176	1.212	1.201	1.231	1.341	1.281	1.266	1.203	1.421	1.405	1.319	1.303
FR1 n14_Ant 1 TX1	0.254	0.267	0.308	1.295	1.343	1.244	1.219	1.167	1.203	1.192	1.222	1.332	1.272	1.257	1.194	1.412	1.396	1.310	1.294
FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.308	1.884	1.932	1.833	1.808	1.756	1.792	1.781	1.811	1.921	1.861	1.846	1.783	2.001	1.985	1.899	1.883
FR1 n26_Ant 1 TX1	0.335	0.267	0.308	1.376	1.424	1.325	1.300	1.248	1.284	1.273	1.303	1.413	1.353	1.338	1.275	1.493	1.477	1.391	1.375
FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.308	1.676	1.724	1.625	1.600	1.548	1.584	1.573	1.603	1.713	1.653	1.638	1.575	1.793	1.777	1.691	1.675
FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.308	1.480	1.528	1.429	1.404	1.352	1.388	1.377	1.407	1.517	1.457	1.442	1.379	1.597	1.581	1.495	1.479
FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.308	1.884	1.932	1.833	1.808	1.756	1.792	1.781	1.811	1.921	1.861	1.846	1.783	2.001	1.985	1.899	1.883
FR1 n71_Ant 1 TX1	0.304	0.267	0.308	1.345	1.393	1.294	1.269	1.217	1.253	1.242	1.272	1.382	1.322	1.307	1.244	1.462	1.446	1.360	1.344
FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.308	1.309	1.357	1.258	1.233	1.181	1.217	1.206	1.236	1.346	1.286	1.271	1.208	1.426	1.410	1.324	1.308

SAR peak location (mm)			X (axis)		12	-57	-54.6	-51.8	-54.6	-59	-53.8	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		54.3	72	-44.8	-40.8	-37.2	-45	-45.7	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.466	0.514	0.415	0.39	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.267	0.308																
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.267	0.308																
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.267	0.308																
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.267	0.308																
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.267	0.308																
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.308																
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.267	0.308																
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.308	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.267	0.308																
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.267	0.308																
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.267	0.308																
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.308	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.267	0.308																
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.308	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.308													0.02			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.308	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.267	0.308																
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.308																

<Case 89>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.466	0.514	0.415	0.390	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.481	0.552	0.465
				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	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR
GSM850_Ant 1 TX1	0.221	0.267	0.200	1.154	1.202	1.103	1.078	1.026	1.062	1.051	1.081	1.191	1.131	1.116	1.053	1.271	1.169	1.240	1.153
WCDMA V_Ant 1 TX1	0.372	0.267	0.200	1.305	1.353	1.254	1.229	1.177	1.213	1.202	1.232	1.342	1.282	1.267	1.204	1.422	1.320	1.391	1.304
LTE Band 12_Ant 1 TX1	0.273	0.267	0.200	1.206	1.254	1.155	1.130	1.078	1.114	1.103	1.133	1.243	1.183	1.168	1.105	1.323	1.221	1.292	1.205
LTE Band 13_Ant 1 TX1	0.207	0.267	0.200	1.140	1.188	1.089	1.064	1.012	1.048	1.037	1.067	1.177	1.117	1.102	1.039	1.257	1.155	1.226	1.139
LTE Band 14_Ant 1 TX1	0.189	0.267	0.200	1.122	1.170	1.071	1.046	0.994	1.030	1.019	1.049	1.159	1.099	1.084	1.021	1.239	1.137	1.208	1.121
LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.200	1.174	1.222	1.123	1.098	1.046	1.082	1.071	1.101	1.211	1.151	1.136	1.073	1.291	1.189	1.260	1.173
LTE Band 26_Ant 1 TX1	0.272	0.267	0.200	1.205	1.253	1.154	1.129	1.077	1.113	1.102	1.132	1.242	1.182	1.167	1.104	1.322	1.220	1.291	1.204
LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.200	1.627	1.675	1.576	1.551	1.499	1.535	1.524	1.554	1.664	1.604	1.589	1.526	1.744	1.642	1.713	1.626
LTE Band 71_Ant 1 TX1	0.317	0.267	0.200	1.250	1.298	1.199	1.174	1.122	1.158	1.147	1.177	1.287	1.227	1.212	1.149	1.367	1.265	1.336	1.249
FR1 n12_Ant 1 TX1	0.263	0.267	0.200	1.196	1.244	1.145	1.120	1.068	1.104	1.093	1.123	1.233	1.173	1.158	1.095	1.313	1.211	1.282	1.195
FR1 n14_Ant 1 TX1	0.254	0.267	0.200	1.187	1.235	1.136	1.111	1.059	1.095	1.084	1.114	1.224	1.164	1.149	1.086	1.304	1.202	1.273	1.186
FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.200	1.776	1.824	1.725	1.700	1.648	1.684	1.673	1.703	1.813	1.753	1.738	1.675	1.893	1.791	1.862	1.775
FR1 n26_Ant 1 TX1	0.335	0.267	0.200	1.268	1.316	1.217	1.192	1.140	1.176	1.165	1.195	1.305	1.245	1.230	1.167	1.385	1.283	1.354	1.267
FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.200	1.568	1.616	1.517	1.492	1.440	1.476	1.465	1.495	1.605	1.545	1.530	1.467	1.685	1.583	1.654	1.567
FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.200	1.372	1.420	1.321	1.296	1.244	1.280	1.269	1.299	1.409	1.349	1.334	1.271	1.489	1.387	1.458	1.371
FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.200	1.776	1.824	1.725	1.700	1.648	1.684	1.673	1.703	1.813	1.753	1.738	1.675	1.893	1.791	1.862	1.775
FR1 n71_Ant 1 TX1	0.304	0.267	0.200	1.237	1.285	1.186	1.161	1.109	1.145	1.134	1.164	1.274	1.214	1.199	1.136	1.354	1.252	1.323	1.236
FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.200	1.201	1.249	1.150	1.125	1.073	1.109	1.098	1.128	1.238	1.178	1.163	1.100	1.318	1.216	1.287	1.200

SAR peak location (mm)			X (axis)		12	10	-54.6	-51.8	-54.6	-59	-53.8	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		54.3	36.5	-44.8	-40.8	-37.2	-45	-45.7	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.466	0.514	0.415	0.39	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.481	0.552	0.465
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.267	0.200																
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.267	0.200																
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.267	0.200																
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.267	0.200																
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.267	0.200																
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.200																
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.267	0.200																
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.200	0.02	0.02							0.02	0.02			0.02	0.02	0.02	0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.267	0.200																
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.267	0.200																
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.267	0.200																
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.200	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.267	0.200																
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.200		0.02							0.02				0.02		0.02	
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.200																
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.200	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.267	0.200																
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.200																

<Case 90>

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)			0.322	0.334	0.466
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.147	0.267	0.957	0.969	1.101
WCDMA V_Ant 1 TX1	0.372	0.147	0.267	1.108	1.120	1.252
LTE Band 12_Ant 1 TX1	0.273	0.147	0.267	1.009	1.021	1.153
LTE Band 13_Ant 1 TX1	0.207	0.147	0.267	0.943	0.955	1.087
LTE Band 14_Ant 1 TX1	0.189	0.147	0.267	0.925	0.937	1.069
LTE Band 25_Ant 1 Sub TX0	0.241	0.147	0.267	0.977	0.989	1.121
LTE Band 26_Ant 1 TX1	0.272	0.147	0.267	1.008	1.020	1.152
LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.267	1.430	1.442	1.574
LTE Band 71_Ant 1 TX1	0.317	0.147	0.267	1.053	1.065	1.197
FR1 n12_Ant 1 TX1	0.263	0.147	0.267	0.999	1.011	1.143
FR1 n14_Ant 1 TX1	0.254	0.147	0.267	0.990	1.002	1.134
FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.267	1.579	1.591	1.723
FR1 n26_Ant 1 TX1	0.335	0.147	0.267	1.071	1.083	1.215
FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.267	1.371	1.383	1.515
FR1 n48_Ant 1 Sub TX0	0.439	0.147	0.267	1.175	1.187	1.319
FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.267	1.579	1.591	1.723
FR1 n71_Ant 1 TX1	0.304	0.147	0.267	1.040	1.052	1.184
FR1 n77_Ant 1 Sub TX0	0.268	0.147	0.267	1.004	1.016	1.148

SAR peak location (mm)			X (axis)	-56.5	12	13	13.5	9
			Y (axis)	72	54.3	-54	-56	-45
			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	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)			0.322	0.334	0.466
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.147	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.147	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.147	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.147	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.147	0.267			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.147	0.267			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.147	0.267			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.267			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.147	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.147	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.147	0.267			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.267			0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.147	0.267			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.267			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.147	0.267			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.267			0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.147	0.267			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.147	0.267			

<Case 91>

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)			0.322	0.334	0.466
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.130	0.267	0.940	0.952	1.084
WCDMA V_Ant 1 TX1	0.372	0.130	0.267	1.091	1.103	1.235
LTE Band 12_Ant 1 TX1	0.273	0.130	0.267	0.992	1.004	1.136
LTE Band 13_Ant 1 TX1	0.207	0.130	0.267	0.926	0.938	1.070
LTE Band 14_Ant 1 TX1	0.189	0.130	0.267	0.908	0.920	1.052
LTE Band 25_Ant 1 Sub TX0	0.241	0.130	0.267	0.960	0.972	1.104
LTE Band 26_Ant 1 TX1	0.272	0.130	0.267	0.991	1.003	1.135
LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.267	1.413	1.425	1.557
LTE Band 71_Ant 1 TX1	0.317	0.130	0.267	1.036	1.048	1.180
FR1 n12_Ant 1 TX1	0.263	0.130	0.267	0.982	0.994	1.126
FR1 n14_Ant 1 TX1	0.254	0.130	0.267	0.973	0.985	1.117
FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.267	1.562	1.574	1.706
FR1 n26_Ant 1 TX1	0.335	0.130	0.267	1.054	1.066	1.198
FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.267	1.354	1.366	1.498
FR1 n48_Ant 1 Sub TX0	0.439	0.130	0.267	1.158	1.170	1.302
FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.267	1.562	1.574	1.706
FR1 n71_Ant 1 TX1	0.304	0.130	0.267	1.023	1.035	1.167
FR1 n77_Ant 1 Sub TX0	0.268	0.130	0.267	0.987	0.999	1.131

SAR peak location (mm)			X (axis)	11.5	12	13	13.5	9
			Y (axis)	37.5	54.3	-54	-56	-45
			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 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)			0.322	0.334	0.466
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.130	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.130	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.130	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.130	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.130	0.267			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.130	0.267			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.130	0.267			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.267			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.130	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.130	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.130	0.267			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.267			0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.130	0.267			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.267			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.130	0.267			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.267			0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.130	0.267			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.130	0.267			

<Case 92>

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)			0.322	0.334	0.466
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.148	0.267	0.958	0.970	1.102
WCDMA V_Ant 1 TX1	0.372	0.148	0.267	1.109	1.121	1.253
LTE Band 12_Ant 1 TX1	0.273	0.148	0.267	1.010	1.022	1.154
LTE Band 13_Ant 1 TX1	0.207	0.148	0.267	0.944	0.956	1.088
LTE Band 14_Ant 1 TX1	0.189	0.148	0.267	0.926	0.938	1.070
LTE Band 25_Ant 1 Sub TX0	0.241	0.148	0.267	0.978	0.990	1.122
LTE Band 26_Ant 1 TX1	0.272	0.148	0.267	1.009	1.021	1.153
LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.267	1.431	1.443	1.575
LTE Band 71_Ant 1 TX1	0.317	0.148	0.267	1.054	1.066	1.198
FR1 n12_Ant 1 TX1	0.263	0.148	0.267	1.000	1.012	1.144
FR1 n14_Ant 1 TX1	0.254	0.148	0.267	0.991	1.003	1.135
FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.267	1.580	1.592	1.724
FR1 n26_Ant 1 TX1	0.335	0.148	0.267	1.072	1.084	1.216
FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.267	1.372	1.384	1.516
FR1 n48_Ant 1 Sub TX0	0.439	0.148	0.267	1.176	1.188	1.320
FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.267	1.580	1.592	1.724
FR1 n71_Ant 1 TX1	0.304	0.148	0.267	1.041	1.053	1.185
FR1 n77_Ant 1 Sub TX0	0.268	0.148	0.267	1.005	1.017	1.149

SAR peak location (mm)			X (axis)	12	12	13	13.5	9
			Y (axis)	37	54.3	-54	-56	-45
			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)			0.322	0.334	0.466
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.148	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.148	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.148	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.148	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.148	0.267			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.148	0.267			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.148	0.267			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.267			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.148	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.148	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.148	0.267			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.267			0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.148	0.267			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.267			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.148	0.267			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.267			0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.148	0.267			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.148	0.267			

<Case 93>

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)			0.322	0.334	0.466
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.267	0.308	1.118	1.130	1.262
WCDMA V_Ant 1 TX1	0.372	0.267	0.308	1.269	1.281	1.413
LTE Band 12_Ant 1 TX1	0.273	0.267	0.308	1.170	1.182	1.314
LTE Band 13_Ant 1 TX1	0.207	0.267	0.308	1.104	1.116	1.248
LTE Band 14_Ant 1 TX1	0.189	0.267	0.308	1.086	1.098	1.230
LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.308	1.138	1.150	1.282
LTE Band 26_Ant 1 TX1	0.272	0.267	0.308	1.169	1.181	1.313
LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.308	1.591	1.603	1.735
LTE Band 71_Ant 1 TX1	0.317	0.267	0.308	1.214	1.226	1.358
FR1 n12_Ant 1 TX1	0.263	0.267	0.308	1.160	1.172	1.304
FR1 n14_Ant 1 TX1	0.254	0.267	0.308	1.151	1.163	1.295
FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.308	1.740	1.752	1.884
FR1 n26_Ant 1 TX1	0.335	0.267	0.308	1.232	1.244	1.376
FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.308	1.532	1.544	1.676
FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.308	1.336	1.348	1.480
FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.308	1.740	1.752	1.884
FR1 n71_Ant 1 TX1	0.304	0.267	0.308	1.201	1.213	1.345
FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.308	1.165	1.177	1.309

SAR peak location (mm)			X (axis)	12	-57	13	13.5	9
			Y (axis)	54.3	72	-54	-56	-45
			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)			0.322	0.334	0.466
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.267	0.308			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.267	0.308			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.267	0.308			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.267	0.308			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.267	0.308			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.308			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.267	0.308			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.308		0.02	0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.267	0.308			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.267	0.308			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.267	0.308			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.308	0.02	0.02	0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.267	0.308			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.308			0.02
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.308			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.308	0.02	0.02	0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.267	0.308			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.308			

<Case 94>

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)			0.322	0.334	0.466
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.267	0.200	1.010	1.022	1.154
WCDMA V_Ant 1 TX1	0.372	0.267	0.200	1.161	1.173	1.305
LTE Band 12_Ant 1 TX1	0.273	0.267	0.200	1.062	1.074	1.206
LTE Band 13_Ant 1 TX1	0.207	0.267	0.200	0.996	1.008	1.140
LTE Band 14_Ant 1 TX1	0.189	0.267	0.200	0.978	0.990	1.122
LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.200	1.030	1.042	1.174
LTE Band 26_Ant 1 TX1	0.272	0.267	0.200	1.061	1.073	1.205
LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.200	1.483	1.495	1.627
LTE Band 71_Ant 1 TX1	0.317	0.267	0.200	1.106	1.118	1.250
FR1 n12_Ant 1 TX1	0.263	0.267	0.200	1.052	1.064	1.196
FR1 n14_Ant 1 TX1	0.254	0.267	0.200	1.043	1.055	1.187
FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.200	1.632	1.644	1.776
FR1 n26_Ant 1 TX1	0.335	0.267	0.200	1.124	1.136	1.268
FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.200	1.424	1.436	1.568
FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.200	1.228	1.240	1.372
FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.200	1.632	1.644	1.776
FR1 n71_Ant 1 TX1	0.304	0.267	0.200	1.093	1.105	1.237
FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.200	1.057	1.069	1.201

SAR peak location (mm)			X (axis)	12	10	13	13.5	9
			Y (axis)	54.3	36.5	-54	-56	-45
			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)			0.322	0.334	0.466
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.267	0.200			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.267	0.200			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.267	0.200			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.267	0.200			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.267	0.200			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.200			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.267	0.200			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.200			0.03
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.267	0.200			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.267	0.200			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.267	0.200			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.200	0.02	0.02	0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.267	0.200			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.200			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.200			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.200	0.02	0.02	0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.267	0.200			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.200			

<Case 95>

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
Left Edge	1g SAR (W/kg)			0.609	0.556	0.698
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.117	0.189	0.277	1.192	1.139	1.281
WCDMA V_Ant 1 TX1	0.210	0.189	0.277	1.285	1.232	1.374
LTE Band 12_Ant 1 TX1	0.297	0.189	0.277	1.372	1.319	1.461
LTE Band 13_Ant 1 TX1	0.446	0.189	0.277	1.521	1.468	1.610
LTE Band 14_Ant 1 TX1	0.431	0.189	0.277	1.506	1.453	1.595
LTE Band 25_Ant 1 Sub TX0	0.384	0.189	0.277	1.459	1.406	1.548
LTE Band 26_Ant 1 TX1	0.320	0.189	0.277	1.395	1.342	1.484
LTE Band 66_Ant 1 Sub TX0	0.252	0.189	0.277	1.327	1.274	1.416
LTE Band 71_Ant 1 TX1	0.380	0.189	0.277	1.455	1.402	1.544
FR1 n12_Ant 1 TX1	0.299	0.189	0.277	1.374	1.321	1.463
FR1 n14_Ant 1 TX1	0.463	0.189	0.277	1.538	1.485	1.627
FR1 n25_Ant 1 Sub TX0	0.323	0.189	0.277	1.398	1.345	1.487
FR1 n26_Ant 1 TX1	0.326	0.189	0.277	1.401	1.348	1.490
FR1 n41_Ant 1 Sub TX0	0.412	0.189	0.277	1.487	1.434	1.576
FR1 n48_Ant 1 Sub TX0	0.458	0.189	0.277	1.533	1.480	1.622
FR1 n66_Ant 1 Sub TX0	0.363	0.189	0.277	1.438	1.385	1.527
FR1 n71_Ant 1 TX1	0.268	0.189	0.277	1.343	1.290	1.432
FR1 n77_Ant 1 Sub TX0	0.426	0.189	0.277	1.501	1.448	1.590

SAR peak location (mm)			X (axis)	-26	-26.1	-25.5	-24.1	-27.3
			Y (axis)	38.5	46.2	-53	-53.5	-58.5
			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 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Edge	1g SAR (W/kg)			0.609	0.556	0.698
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-20.8	-15.2	-207	GSM850_Ant 1 TX1	0.117	0.189	0.277			
-25.6	-9.2	-207	WCDMA V_Ant 1 TX1	0.210	0.189	0.277			
-24.4	8.5	-210.4	LTE Band 12_Ant 1 TX1	0.297	0.189	0.277			
-24.1	7.3	-210.4	LTE Band 13_Ant 1 TX1	0.446	0.189	0.277			0.03
-22.8	8.5	-210.4	LTE Band 14_Ant 1 TX1	0.431	0.189	0.277			0.03
-26.7	51.8	-207	LTE Band 25_Ant 1 Sub TX0	0.384	0.189	0.277			
-25.1	-3.4	-207	LTE Band 26_Ant 1 TX1	0.320	0.189	0.277			
-26.2	67.4	-207	LTE Band 66_Ant 1 Sub TX0	0.252	0.189	0.277			
-23.4	8.5	-207	LTE Band 71_Ant 1 TX1	0.380	0.189	0.277			
-30.1	22.8	-207	FR1 n12_Ant 1 TX1	0.299	0.189	0.277			
-21.2	9.3	-207	FR1 n14_Ant 1 TX1	0.463	0.189	0.277			0.03
-28.8	68.9	-207	FR1 n25_Ant 1 Sub TX0	0.323	0.189	0.277			
-21.2	-1.9	-207	FR1 n26_Ant 1 TX1	0.326	0.189	0.277			
-27.4	66	-207	FR1 n41_Ant 1 Sub TX0	0.412	0.189	0.277			
-29.1	61	-207	FR1 n48_Ant 1 Sub TX0	0.458	0.189	0.277			0.02
-28.5	66.9	-207	FR1 n66_Ant 1 Sub TX0	0.363	0.189	0.277			
-28.8	55.8	-207	FR1 n71_Ant 1 TX1	0.268	0.189	0.277			
-25	57	-207	FR1 n77_Ant 1 Sub TX0	0.426	0.189	0.277			

<Case 96>

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
Left Edge	1g SAR (W/kg)			0.609	0.556	0.698
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.117	0.235	0.277	1.238	1.185	1.327
WCDMA V_Ant 1 TX1	0.210	0.235	0.277	1.331	1.278	1.420
LTE Band 12_Ant 1 TX1	0.297	0.235	0.277	1.418	1.365	1.507
LTE Band 13_Ant 1 TX1	0.446	0.235	0.277	1.567	1.514	1.656
LTE Band 14_Ant 1 TX1	0.431	0.235	0.277	1.552	1.499	1.641
LTE Band 25_Ant 1 Sub TX0	0.384	0.235	0.277	1.505	1.452	1.594
LTE Band 26_Ant 1 TX1	0.320	0.235	0.277	1.441	1.388	1.530
LTE Band 66_Ant 1 Sub TX0	0.252	0.235	0.277	1.373	1.320	1.462
LTE Band 71_Ant 1 TX1	0.380	0.235	0.277	1.501	1.448	1.590
FR1 n12_Ant 1 TX1	0.299	0.235	0.277	1.420	1.367	1.509
FR1 n14_Ant 1 TX1	0.463	0.235	0.277	1.584	1.531	1.673
FR1 n25_Ant 1 Sub TX0	0.323	0.235	0.277	1.444	1.391	1.533
FR1 n26_Ant 1 TX1	0.326	0.235	0.277	1.447	1.394	1.536
FR1 n41_Ant 1 Sub TX0	0.412	0.235	0.277	1.533	1.480	1.622
FR1 n48_Ant 1 Sub TX0	0.458	0.235	0.277	1.579	1.526	1.668
FR1 n66_Ant 1 Sub TX0	0.363	0.235	0.277	1.484	1.431	1.573
FR1 n71_Ant 1 TX1	0.268	0.235	0.277	1.389	1.336	1.478
FR1 n77_Ant 1 Sub TX0	0.426	0.235	0.277	1.547	1.494	1.636

SAR peak location (mm)			X (axis)	-25.9	-26.1	-25.5	-24.1	-27.3
			Y (axis)	42	46.2	-53	-53.5	-58.5
			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
			Left Edge	1g SAR (W/kg)			0.609	0.556	0.698
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-20.8	-15.2	-207	GSM850_Ant 1 TX1	0.117	0.235	0.277			
-25.6	-9.2	-207	WCDMA V_Ant 1 TX1	0.210	0.235	0.277			
-24.4	8.5	-210.4	LTE Band 12_Ant 1 TX1	0.297	0.235	0.277			
-24.1	7.3	-210.4	LTE Band 13_Ant 1 TX1	0.446	0.235	0.277			0.03
-22.8	8.5	-210.4	LTE Band 14_Ant 1 TX1	0.431	0.235	0.277			0.03
-26.7	51.8	-207	LTE Band 25_Ant 1 Sub TX0	0.384	0.235	0.277			
-25.1	-3.4	-207	LTE Band 26_Ant 1 TX1	0.320	0.235	0.277			
-26.2	67.4	-207	LTE Band 66_Ant 1 Sub TX0	0.252	0.235	0.277			
-23.4	8.5	-207	LTE Band 71_Ant 1 TX1	0.380	0.235	0.277			
-30.1	22.8	-207	FR1 n12_Ant 1 TX1	0.299	0.235	0.277			
-21.2	9.3	-207	FR1 n14_Ant 1 TX1	0.463	0.235	0.277			0.03
-28.8	68.9	-207	FR1 n25_Ant 1 Sub TX0	0.323	0.235	0.277			
-21.2	-1.9	-207	FR1 n26_Ant 1 TX1	0.326	0.235	0.277			
-27.4	66	-207	FR1 n41_Ant 1 Sub TX0	0.412	0.235	0.277			0.02
-29.1	61	-207	FR1 n48_Ant 1 Sub TX0	0.458	0.235	0.277			0.02
-28.5	66.9	-207	FR1 n66_Ant 1 Sub TX0	0.363	0.235	0.277			
-28.8	55.8	-207	FR1 n71_Ant 1 TX1	0.268	0.235	0.277			
-25	57	-207	FR1 n77_Ant 1 Sub TX0	0.426	0.235	0.277			0.02

<Case 97>

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
Left Edge	1g SAR (W/kg)			0.609	0.556	0.698
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.117	0.277	0.320	1.323	1.270	1.412
WCDMA V_Ant 1 TX1	0.210	0.277	0.320	1.416	1.363	1.505
LTE Band 12_Ant 1 TX1	0.297	0.277	0.320	1.503	1.450	1.592
LTE Band 13_Ant 1 TX1	0.446	0.277	0.320	1.652	1.599	1.741
LTE Band 14_Ant 1 TX1	0.431	0.277	0.320	1.637	1.584	1.726
LTE Band 25_Ant 1 Sub TX0	0.384	0.277	0.320	1.590	1.537	1.679
LTE Band 26_Ant 1 TX1	0.320	0.277	0.320	1.526	1.473	1.615
LTE Band 66_Ant 1 Sub TX0	0.252	0.277	0.320	1.458	1.405	1.547
LTE Band 71_Ant 1 TX1	0.380	0.277	0.320	1.586	1.533	1.675
FR1 n12_Ant 1 TX1	0.299	0.277	0.320	1.505	1.452	1.594
FR1 n14_Ant 1 TX1	0.463	0.277	0.320	1.669	1.616	1.758
FR1 n25_Ant 1 Sub TX0	0.323	0.277	0.320	1.529	1.476	1.618
FR1 n26_Ant 1 TX1	0.326	0.277	0.320	1.532	1.479	1.621
FR1 n41_Ant 1 Sub TX0	0.412	0.277	0.320	1.618	1.565	1.707
FR1 n48_Ant 1 Sub TX0	0.458	0.277	0.320	1.664	1.611	1.753
FR1 n66_Ant 1 Sub TX0	0.363	0.277	0.320	1.569	1.516	1.658
FR1 n71_Ant 1 TX1	0.268	0.277	0.320	1.474	1.421	1.563
FR1 n77_Ant 1 Sub TX0	0.426	0.277	0.320	1.632	1.579	1.721

SAR peak location (mm)			X (axis)	-26.1	-27.3	-25.5	-24.1	-27.3
			Y (axis)	46.2	43	-53	-53.5	-58.5
			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
			Left Edge	1g SAR (W/kg)			0.609	0.556	0.698
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-20.8	-15.2	-207	GSM850_Ant 1 TX1	0.117	0.277	0.320			
-25.6	-9.2	-207	WCDMA V_Ant 1 TX1	0.210	0.277	0.320			
-24.4	8.5	-210.4	LTE Band 12_Ant 1 TX1	0.297	0.277	0.320			
-24.1	7.3	-210.4	LTE Band 13_Ant 1 TX1	0.446	0.277	0.320	0.04	0.03	0.03
-22.8	8.5	-210.4	LTE Band 14_Ant 1 TX1	0.431	0.277	0.320	0.03		0.03
-26.7	51.8	-207	LTE Band 25_Ant 1 Sub TX0	0.384	0.277	0.320			0.02
-25.1	-3.4	-207	LTE Band 26_Ant 1 TX1	0.320	0.277	0.320			0.04
-26.2	67.4	-207	LTE Band 66_Ant 1 Sub TX0	0.252	0.277	0.320			
-23.4	8.5	-207	LTE Band 71_Ant 1 TX1	0.380	0.277	0.320			0.03
-30.1	22.8	-207	FR1 n12_Ant 1 TX1	0.299	0.277	0.320			
-21.2	9.3	-207	FR1 n14_Ant 1 TX1	0.463	0.277	0.320	0.03	0.03	0.03
-28.8	68.9	-207	FR1 n25_Ant 1 Sub TX0	0.323	0.277	0.320			0.02
-21.2	-1.9	-207	FR1 n26_Ant 1 TX1	0.326	0.277	0.320			0.04
-27.4	66	-207	FR1 n41_Ant 1 Sub TX0	0.412	0.277	0.320	0.02		0.02
-29.1	61	-207	FR1 n48_Ant 1 Sub TX0	0.458	0.277	0.320	0.02	0.02	0.02
-28.5	66.9	-207	FR1 n66_Ant 1 Sub TX0	0.363	0.277	0.320			0.02
-28.8	55.8	-207	FR1 n71_Ant 1 TX1	0.268	0.277	0.320			
-25	57	-207	FR1 n77_Ant 1 Sub TX0	0.426	0.277	0.320	0.02		0.02

<Case 98>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.405	0.389
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.147	0.267	0.898	1.040	1.024
WCDMA V_Ant 1 TX1	0.372	0.147	0.267	1.049	1.191	1.175
LTE Band 12_Ant 1 TX1	0.273	0.147	0.267	0.950	1.092	1.076
LTE Band 13_Ant 1 TX1	0.207	0.147	0.267	0.884	1.026	1.010
LTE Band 14_Ant 1 TX1	0.189	0.147	0.267	0.866	1.008	0.992
LTE Band 25_Ant 1 Sub TX0	0.241	0.147	0.267	0.918	1.060	1.044
LTE Band 26_Ant 1 TX1	0.272	0.147	0.267	0.949	1.091	1.075
LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.267	1.371	1.513	1.497
LTE Band 71_Ant 1 TX1	0.317	0.147	0.267	0.994	1.136	1.120
FR1 n12_Ant 1 TX1	0.263	0.147	0.267	0.940	1.082	1.066
FR1 n14_Ant 1 TX1	0.254	0.147	0.267	0.931	1.073	1.057
FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.267	1.520	1.662	1.646
FR1 n26_Ant 1 TX1	0.335	0.147	0.267	1.012	1.154	1.138
FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.267	1.312	1.454	1.438
FR1 n48_Ant 1 Sub TX0	0.439	0.147	0.267	1.116	1.258	1.242
FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.267	1.520	1.662	1.646
FR1 n71_Ant 1 TX1	0.304	0.147	0.267	0.981	1.123	1.107
FR1 n77_Ant 1 Sub TX0	0.268	0.147	0.267	0.945	1.087	1.071

SAR peak location (mm)			X (axis)	-56.5	12	-57.5	-58.5	-48
			Y (axis)	72	54.3	-51	-49.5	-64
			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	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.405	0.389
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.147	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.147	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.147	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.147	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.147	0.267			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.147	0.267			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.147	0.267			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.267			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.147	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.147	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.147	0.267			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.267		0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.147	0.267			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.267			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.147	0.267			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.267		0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.147	0.267			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.147	0.267			

<Case 99>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263 0+1+2+9 Summed SAR	0.405 0+1+2+10 Summed SAR	0.389 0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.130	0.267	0.881	1.023	1.007
WCDMA V_Ant 1 TX1	0.372	0.130	0.267	1.032	1.174	1.158
LTE Band 12_Ant 1 TX1	0.273	0.130	0.267	0.933	1.075	1.059
LTE Band 13_Ant 1 TX1	0.207	0.130	0.267	0.867	1.009	0.993
LTE Band 14_Ant 1 TX1	0.189	0.130	0.267	0.849	0.991	0.975
LTE Band 25_Ant 1 Sub TX0	0.241	0.130	0.267	0.901	1.043	1.027
LTE Band 26_Ant 1 TX1	0.272	0.130	0.267	0.932	1.074	1.058
LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.267	1.354	1.496	1.480
LTE Band 71_Ant 1 TX1	0.317	0.130	0.267	0.977	1.119	1.103
FR1 n12_Ant 1 TX1	0.263	0.130	0.267	0.923	1.065	1.049
FR1 n14_Ant 1 TX1	0.254	0.130	0.267	0.914	1.056	1.040
FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.267	1.503	1.645	1.629
FR1 n26_Ant 1 TX1	0.335	0.130	0.267	0.995	1.137	1.121
FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.267	1.295	1.437	1.421
FR1 n48_Ant 1 Sub TX0	0.439	0.130	0.267	1.099	1.241	1.225
FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.267	1.503	1.645	1.629
FR1 n71_Ant 1 TX1	0.304	0.130	0.267	0.964	1.106	1.090
FR1 n77_Ant 1 Sub TX0	0.268	0.130	0.267	0.928	1.070	1.054

SAR peak location (mm)			X (axis)	11.5	12	-57.5	-58.5	-48
			Y (axis)	37.5	54.3	-51	-49.5	-64
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0 WWAN SAR	1 WLAN2.4GHz Ant 3	2 WLAN5/6GHz Ant 4+3	9 LTE Band 48_Ant 7 TX1	10 FR1 n48_Ant 7 TX1	11 FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263 0+1+2+9 SPLSR Results	0.405 0+1+2+10 SPLSR Results	0.389 0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.130	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.130	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.130	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.130	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.130	0.267			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.130	0.267			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.130	0.267			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.267			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.130	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.130	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.130	0.267			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.267		0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.130	0.267			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.267			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.130	0.267			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.267		0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.130	0.267			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.130	0.267			

<Case 100>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.405	0.389
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.148	0.267	0.899	1.041	1.025
WCDMA V_Ant 1 TX1	0.372	0.148	0.267	1.050	1.192	1.176
LTE Band 12_Ant 1 TX1	0.273	0.148	0.267	0.951	1.093	1.077
LTE Band 13_Ant 1 TX1	0.207	0.148	0.267	0.885	1.027	1.011
LTE Band 14_Ant 1 TX1	0.189	0.148	0.267	0.867	1.009	0.993
LTE Band 25_Ant 1 Sub TX0	0.241	0.148	0.267	0.919	1.061	1.045
LTE Band 26_Ant 1 TX1	0.272	0.148	0.267	0.950	1.092	1.076
LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.267	1.372	1.514	1.498
LTE Band 71_Ant 1 TX1	0.317	0.148	0.267	0.995	1.137	1.121
FR1 n12_Ant 1 TX1	0.263	0.148	0.267	0.941	1.083	1.067
FR1 n14_Ant 1 TX1	0.254	0.148	0.267	0.932	1.074	1.058
FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.267	1.521	1.663	1.647
FR1 n26_Ant 1 TX1	0.335	0.148	0.267	1.013	1.155	1.139
FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.267	1.313	1.455	1.439
FR1 n48_Ant 1 Sub TX0	0.439	0.148	0.267	1.117	1.259	1.243
FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.267	1.521	1.663	1.647
FR1 n71_Ant 1 TX1	0.304	0.148	0.267	0.982	1.124	1.108
FR1 n77_Ant 1 Sub TX0	0.268	0.148	0.267	0.946	1.088	1.072

SAR peak location (mm)			X (axis)	12	12	-57.5	-58.5	-48
			Y (axis)	37	54.3	-51	-49.5	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.405	0.389
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.148	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.148	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.148	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.148	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.148	0.267			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.148	0.267			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.148	0.267			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.267			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.148	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.148	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.148	0.267			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.267		0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.148	0.267			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.267			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.148	0.267			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.267		0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.148	0.267			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.148	0.267			

<Case 101>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263 0+1+7+9 Summed SAR	0.405 0+1+7+10 Summed SAR	0.389 0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.267	0.308	1.059	1.201	1.185
WCDMA V_Ant 1 TX1	0.372	0.267	0.308	1.210	1.352	1.336
LTE Band 12_Ant 1 TX1	0.273	0.267	0.308	1.111	1.253	1.237
LTE Band 13_Ant 1 TX1	0.207	0.267	0.308	1.045	1.187	1.171
LTE Band 14_Ant 1 TX1	0.189	0.267	0.308	1.027	1.169	1.153
LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.308	1.079	1.221	1.205
LTE Band 26_Ant 1 TX1	0.272	0.267	0.308	1.110	1.252	1.236
LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.308	1.532	1.674	1.658
LTE Band 71_Ant 1 TX1	0.317	0.267	0.308	1.155	1.297	1.281
FR1 n12_Ant 1 TX1	0.263	0.267	0.308	1.101	1.243	1.227
FR1 n14_Ant 1 TX1	0.254	0.267	0.308	1.092	1.234	1.218
FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.308	1.681	1.823	1.807
FR1 n26_Ant 1 TX1	0.335	0.267	0.308	1.173	1.315	1.299
FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.308	1.473	1.615	1.599
FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.308	1.277	1.419	1.403
FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.308	1.681	1.823	1.807
FR1 n71_Ant 1 TX1	0.304	0.267	0.308	1.142	1.284	1.268
FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.308	1.106	1.248	1.232

SAR peak location (mm)			X (axis)	12	-57	-57.5	-58.5	-48
			Y (axis)	54.3	72	-51	-49.5	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263 0+1+7+9 SPLSR Results	0.405 0+1+7+10 SPLSR Results	0.389 0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.267	0.308			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.267	0.308			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.267	0.308			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.267	0.308			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.267	0.308			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.308			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.267	0.308			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.308		0.02	0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.267	0.308			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.267	0.308			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.267	0.308			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.308	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.267	0.308			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.308		0.02	0.02
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.308			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.308	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.267	0.308			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.308			

<Case 102>

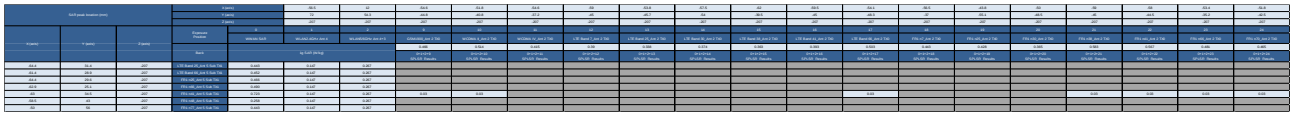
SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263 0+1+7+9 Summed SAR	0.405 0+1+7+10 Summed SAR	0.389 0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.267	0.200	0.951	1.093	1.077
WCDMA V_Ant 1 TX1	0.372	0.267	0.200	1.102	1.244	1.228
LTE Band 12_Ant 1 TX1	0.273	0.267	0.200	1.003	1.145	1.129
LTE Band 13_Ant 1 TX1	0.207	0.267	0.200	0.937	1.079	1.063
LTE Band 14_Ant 1 TX1	0.189	0.267	0.200	0.919	1.061	1.045
LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.200	0.971	1.113	1.097
LTE Band 26_Ant 1 TX1	0.272	0.267	0.200	1.002	1.144	1.128
LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.200	1.424	1.566	1.550
LTE Band 71_Ant 1 TX1	0.317	0.267	0.200	1.047	1.189	1.173
FR1 n12_Ant 1 TX1	0.263	0.267	0.200	0.993	1.135	1.119
FR1 n14_Ant 1 TX1	0.254	0.267	0.200	0.984	1.126	1.110
FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.200	1.573	1.715	1.699
FR1 n26_Ant 1 TX1	0.335	0.267	0.200	1.065	1.207	1.191
FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.200	1.365	1.507	1.491
FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.200	1.169	1.311	1.295
FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.200	1.573	1.715	1.699
FR1 n71_Ant 1 TX1	0.304	0.267	0.200	1.034	1.176	1.160
FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.200	0.998	1.140	1.124

SAR peak location (mm)			X (axis)	12	10	-57.5	-58.5	-48
			Y (axis)	54.3	36.5	-51	-49.5	-64
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0 WWAN SAR	1 WLAN5/6GHz Ant 4+3	7 Bluetooth Ant 3	9 LTE Band 48_Ant 7 TX1	10 FR1 n48_Ant 7 TX1	11 FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263 0+1+7+9 SPLSR Results	0.405 0+1+7+10 SPLSR Results	0.389 0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.267	0.200			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.267	0.200			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.267	0.200			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.207	0.267	0.200			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.189	0.267	0.200			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.241	0.267	0.200			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.267	0.200			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.267	0.200			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.267	0.200			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.267	0.200			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.254	0.267	0.200			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.267	0.200		0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.267	0.200			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.267	0.200			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.439	0.267	0.200			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.267	0.200		0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.267	0.200			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.268	0.267	0.200			

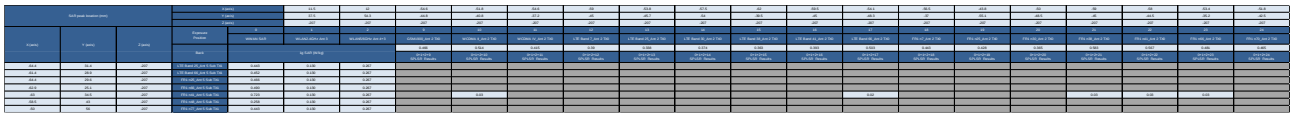
<Case 103>

SPLSR calculation for summation SAR>1.6W/kg



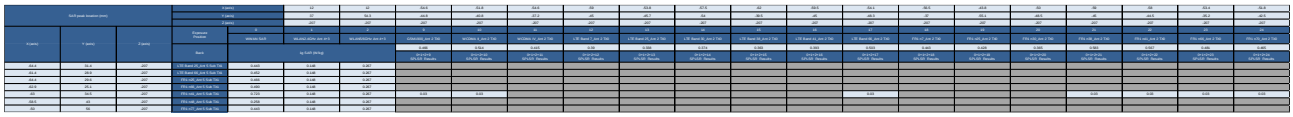
<Case 104>

SPLSR calculation for summation SAR>1.6W/kg



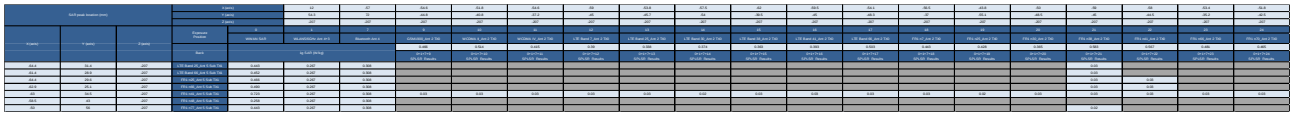
<Case 105>

SPLSR calculation for summation SAR>1.6W/kg



<Case 106>

SPLSR calculation for summation SAR>1.6W/kg



<Case 107>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.466	0.514	0.415	0.390	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
				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	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.443	0.267	0.200	1.376	1.424	1.325	1.300	1.248	1.284	1.273	1.303	1.413	1.353	1.338	1.275	1.493	1.477	1.391	1.375
LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.200	1.385	1.433	1.334	1.309	1.257	1.293	1.282	1.312	1.422	1.362	1.347	1.284	1.502	1.486	1.400	1.384
FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.200	1.399	1.447	1.348	1.323	1.271	1.307	1.296	1.326	1.436	1.376	1.361	1.298	1.516	1.500	1.414	1.398
FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.200	1.423	1.471	1.372	1.347	1.295	1.331	1.320	1.350	1.460	1.400	1.385	1.322	1.540	1.524	1.438	1.422
FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.200	1.656	1.704	1.605	1.580	1.528	1.564	1.553	1.583	1.693	1.633	1.618	1.555	1.773	1.757	1.671	1.655
FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.200	1.191	1.239	1.140	1.115	1.063	1.099	1.088	1.118	1.228	1.168	1.153	1.090	1.308	1.292	1.206	1.190
FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.200	1.376	1.424	1.325	1.300	1.248	1.284	1.273	1.303	1.413	1.353	1.338	1.275	1.493	1.477	1.391	1.375

SAR peak location (mm)			X (axis)		12	10	-54.6	-51.8	-54.6	-59	-53.8	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		54.3	36.5	-44.8	-40.8	-37.2	-45	-45.7	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.466	0.514	0.415	0.39	0.338	0.374	0.363	0.393	0.503	0.443	0.428	0.365	0.583	0.567	0.481	0.465
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.267	0.200																
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.200																
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.200																
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.200																
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.200	0.03	0.03	0.03						0.03	0.03	0.02		0.03	0.03	0.03	0.03
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.200																
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.200																

<Case 108>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.685	0.772	0.510	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.580	0.775	0.774	0.579	0.542
				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	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.070	0.081	1.513	1.600	1.338	1.356	1.314	1.392	1.366	1.356	1.420	1.667	1.352	1.408	1.603	1.602	1.407	1.370
LTE Band 66_Ant 5 Sub TX1	0.667	0.070	0.081	1.503	1.590	1.328	1.346	1.304	1.382	1.356	1.346	1.410	1.657	1.342	1.398	1.593	1.592	1.397	1.360
FR1 n25_Ant 5 Sub TX1	0.826	0.070	0.081	1.662	1.749	1.487	1.505	1.463	1.541	1.515	1.505	1.569	1.816	1.501	1.557	1.752	1.751	1.556	1.519
FR1 n66_Ant 5 Sub TX1	0.579	0.070	0.081	1.415	1.502	1.240	1.258	1.216	1.294	1.268	1.258	1.322	1.569	1.254	1.310	1.505	1.504	1.309	1.272
FR1 n41_Ant 5 Sub TX1	0.745	0.070	0.081	1.581	1.668	1.406	1.424	1.382	1.460	1.434	1.424	1.488	1.735	1.420	1.476	1.671	1.670	1.475	1.438
FR1 n48_Ant 5 Sub TX1	0.144	0.070	0.081	0.980	1.067	0.805	0.823	0.781	0.859	0.833	0.823	0.887	1.134	0.819	0.875	1.070	1.069	0.874	0.837
FR1 n77_Ant 5 Sub TX1	0.359	0.070	0.081	1.195	1.282	1.020	1.038	0.996	1.074	1.048	1.038	1.102	1.349	1.034	1.090	1.285	1.284	1.089	1.052

SAR peak location (mm)			X (axis)		-25	-25.7	-26.2	-28	-27	-25.9	-26.5	-22.7	-25	-26.4	-24.9	-22.9	-27.9	-27.3	-27.3	-27.3	-27.9	-27.9
			Y (axis)		-64.5	-58.3	42.2	37.1	48.3	43.5	52.3	55.5	55.5	55.5	50.5	45	37	57	56	35.5	46.3	45.8
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Edge	1g SAR (W/kg)			0.685	0.772	0.51	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.58	0.775	0.774	0.579	0.542
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.070	0.081		0.03								0.03			0.02	0.03		
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.070	0.081										0.03						
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.070	0.081	0.03	0.03								0.03			0.03	0.03		
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.070	0.081																
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.070	0.081		0.03								0.03			0.02	0.03		
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.070	0.081																
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.070	0.081																

<Case 109>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.685	0.772	0.510	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.580	0.775	0.774	0.579	0.542
				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	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.002	0.081	1.445	1.532	1.270	1.288	1.246	1.324	1.298	1.288	1.352	1.599	1.284	1.340	1.535	1.534	1.339	1.302
LTE Band 66_Ant 5 Sub TX1	0.667	0.002	0.081	1.435	1.522	1.260	1.278	1.236	1.314	1.288	1.278	1.342	1.589	1.274	1.330	1.525	1.524	1.329	1.292
FR1 n25_Ant 5 Sub TX1	0.826	0.002	0.081	1.594	1.681	1.419	1.437	1.395	1.473	1.447	1.437	1.501	1.748	1.433	1.489	1.684	1.683	1.488	1.451
FR1 n66_Ant 5 Sub TX1	0.579	0.002	0.081	1.347	1.434	1.172	1.190	1.148	1.226	1.200	1.190	1.254	1.501	1.186	1.242	1.437	1.436	1.241	1.204
FR1 n41_Ant 5 Sub TX1	0.745	0.002	0.081	1.513	1.600	1.338	1.356	1.314	1.392	1.366	1.356	1.420	1.667	1.352	1.408	1.603	1.602	1.407	1.370
FR1 n48_Ant 5 Sub TX1	0.144	0.002	0.081	0.912	0.999	0.737	0.755	0.713	0.791	0.765	0.755	0.819	1.066	0.751	0.807	1.002	1.001	0.806	0.769
FR1 n77_Ant 5 Sub TX1	0.359	0.002	0.081	1.127	1.214	0.952	0.970	0.928	1.006	0.980	0.970	1.034	1.281	0.966	1.022	1.217	1.216	1.021	0.984

SAR peak location (mm)			X (axis)		-25.9	-25.7	-26.2	-28	-27	-25.9	-26.5	-22.7	-25	-26.4	-24.9	-22.9	-27.9	-27.3	-27.3	-27.3	-27.9	-27.9
			Y (axis)		-64.5	-58.3	42.2	37.1	48.3	43.5	52.3	55.5	55.5	55.5	50.5	45	37	57	56	35.5	46.3	45.8
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Edge	1g SAR (W/kg)			0.685	0.772	0.51	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.58	0.775	0.774	0.579	0.542
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.002	0.081										0.03						
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.002	0.081																
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.002	0.081		0.03								0.03			0.02	0.03		
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.002	0.081																
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.002	0.081		0.03								0.03			0.02	0.03		
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.002	0.081																
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.002	0.081																

<Case 110>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.685	0.772	0.510	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.580	0.775	0.774	0.579	0.542
				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	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.089	0.081	1.532	1.619	1.357	1.375	1.333	1.411	1.385	1.375	1.439	1.686	1.371	1.427	1.622	1.621	1.426	1.389
LTE Band 66_Ant 5 Sub TX1	0.667	0.089	0.081	1.522	1.609	1.347	1.365	1.323	1.401	1.375	1.365	1.429	1.676	1.361	1.417	1.612	1.611	1.416	1.379
FR1 n25_Ant 5 Sub TX1	0.826	0.089	0.081	1.681	1.768	1.506	1.524	1.482	1.560	1.534	1.524	1.588	1.835	1.520	1.576	1.771	1.770	1.575	1.538
FR1 n66_Ant 5 Sub TX1	0.579	0.089	0.081	1.434	1.521	1.259	1.277	1.235	1.313	1.287	1.277	1.341	1.588	1.273	1.329	1.524	1.523	1.328	1.291
FR1 n41_Ant 5 Sub TX1	0.745	0.089	0.081	1.600	1.687	1.425	1.443	1.401	1.479	1.453	1.443	1.507	1.754	1.439	1.495	1.690	1.689	1.494	1.457
FR1 n48_Ant 5 Sub TX1	0.144	0.089	0.081	0.999	1.086	0.824	0.842	0.800	0.878	0.852	0.842	0.906	1.153	0.838	0.894	1.089	1.088	0.893	0.856
FR1 n77_Ant 5 Sub TX1	0.359	0.089	0.081	1.214	1.301	1.039	1.057	1.015	1.093	1.067	1.057	1.121	1.368	1.053	1.109	1.304	1.303	1.108	1.071

SAR peak location (mm)			X (axis)		-25.9	-25.7	-26.2	-28	-27	-25.9	-26.5	-22.7	-25	-26.4	-24.9	-22.9	-27.9	-27.3	-27.3	-27.3	-27.9	-27.9
			Y (axis)		-64.5	-58.3	42.2	37.1	48.3	43.5	52.3	55.5	55.5	55.5	50.5	45	37	57	56	35.5	46.3	45.8
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Edge	1g SAR (W/kg)			0.685	0.772	0.51	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.58	0.775	0.774	0.579	0.542
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.089	0.081		0.03								0.03			0.02	0.03		
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.089	0.081		0.03								0.03			0.02	0.03		
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.089	0.081	0.03	0.03								0.03			0.03	0.03		
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.089	0.081																
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.089	0.081	0.03	0.03								0.03			0.02	0.03		
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.089	0.081																
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.089	0.081																

<Case 111>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.685	0.772	0.510	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.580	0.775	0.774	0.579	0.542
				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	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.081	0.151	1.594	1.681	1.419	1.437	1.395	1.473	1.447	1.437	1.501	1.748	1.433	1.489	1.684	1.683	1.488	1.451
LTE Band 66_Ant 5 Sub TX1	0.667	0.081	0.151	1.584	1.671	1.409	1.427	1.385	1.463	1.437	1.427	1.491	1.738	1.423	1.479	1.674	1.673	1.478	1.441
FR1 n25_Ant 5 Sub TX1	0.826	0.081	0.151	1.743	1.830	1.568	1.586	1.544	1.622	1.596	1.586	1.650	1.897	1.582	1.638	1.833	1.832	1.637	1.600
FR1 n66_Ant 5 Sub TX1	0.579	0.081	0.151	1.496	1.583	1.321	1.339	1.297	1.375	1.349	1.339	1.403	1.650	1.335	1.391	1.586	1.585	1.390	1.353
FR1 n41_Ant 5 Sub TX1	0.745	0.081	0.151	1.662	1.749	1.487	1.505	1.463	1.541	1.515	1.505	1.569	1.816	1.501	1.557	1.752	1.751	1.556	1.519
FR1 n48_Ant 5 Sub TX1	0.144	0.081	0.151	1.061	1.148	0.886	0.904	0.862	0.940	0.914	0.904	0.968	1.215	0.900	0.956	1.151	1.150	0.955	0.918
FR1 n77_Ant 5 Sub TX1	0.359	0.081	0.151	1.276	1.363	1.101	1.119	1.077	1.155	1.129	1.119	1.183	1.430	1.115	1.171	1.366	1.365	1.170	1.133

SAR peak location (mm)			X (axis)		-25.7	-24.1	-26.2	-28	-27	-25.9	-26.5	-22.7	-25	-26.4	-24.9	-22.9	-27.9	-27.3	-27.3	-27.3	-27.9	-27.9
			Y (axis)		-58.3	-66.5	42.2	37.1	48.3	43.5	52.3	55.5	55.5	55.5	50.5	45	37	57	56	35.5	46.3	45.8
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Edge	1g SAR (W/kg)			0.685	0.772	0.51	0.528	0.486	0.564	0.538	0.528	0.592	0.839	0.524	0.58	0.775	0.774	0.579	0.542
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.081	0.151		0.03								0.03			0.02	0.03		
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.081	0.151		0.03								0.03			0.03	0.03		
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.081	0.151	0.03	0.04				0.02	0.02		0.03	0.03		0.02	0.03	0.04	0.03	0.03
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.081	0.151										0.03						
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.081	0.151	0.03	0.03								0.03			0.03	0.03		
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.081	0.151																
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.081	0.151																

<Case 112>

SPLSR calculation for summation SAR>1.6W/kg

Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			X	Y	Z				
WWAN Ant 2 + WWAN Ant 5	Max WWAN Ant 2	0.839	-27.3	35.5	-207.0	67.9	1.67	0.03	Not required
	Max WWAN Ant 5	0.826	-28.3	-32.4	-207.0				
WWAN Ant 2 + Bluetooth Ant 3	Max WWAN Ant 2	0.839	-27.3	35.5	-207.0	44.5	0.86	0.02	Not required
	Bluetooth Ant 3	0.021	-25.4	-9.0	-207.0				
WWAN Ant 5 + Bluetooth Ant 3	Max WWAN Ant 5	0.826	-25.3	-28.4	-207.0	19.4	0.85	0.04	Not required
	Bluetooth Ant 3	0.021	-25.4	-9.0	-207.0				
WWAN Ant 2 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 2	0.839	-27.3	35.5	-207.0	93.8	0.92	0.01	Not required
	WLAN5/6G Ant 4+3(4)	0.081	-25.7	-58.3	-207.0				
WWAN Ant 5 + WLAN5/6G Ant 4+3(4)	Max WWAN Ant 5	0.826	-25.0	-36.5	-207.0	21.8	0.91	0.04	Not required
	WLAN5/6G Ant 4+3(4)	0.081	-25.7	-58.3	-207.0				
Bluetooth Ant 3 + WLAN5/6G Ant 4+3(4)	Bluetooth Ant 3	0.021	-25.4	-9.0	-207.0	49.3	0.10	0.00	Not required
	WLAN5/6G Ant 4+3(4)	0.081	-25.7	-58.3	-207.0				

<Case 113>

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)			0.322	0.334	0.466
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.466	0.267	0.308	1.363	1.375	1.507
WCDMA II_Ant 2 TX0	0.514	0.267	0.308	1.411	1.423	1.555
WCDMA IV_Ant 2 TX0	0.415	0.267	0.308	1.312	1.324	1.456
LTE Band 7_Ant 2 TX0	0.390	0.267	0.308	1.287	1.299	1.431
LTE Band 25_Ant 2 TX0	0.338	0.267	0.308	1.235	1.247	1.379
LTE Band 30_Ant 2 TX0	0.374	0.267	0.308	1.271	1.283	1.415
LTE Band 38_Ant 2 TX0	0.363	0.267	0.308	1.260	1.272	1.404
LTE Band 41_Ant 2 TX0	0.393	0.267	0.308	1.290	1.302	1.434
LTE Band 66_Ant 2 TX0	0.503	0.267	0.308	1.400	1.412	1.544
FR1 n7_Ant 2 TX0	0.443	0.267	0.308	1.340	1.352	1.484
FR1 n25_Ant 2 TX0	0.428	0.267	0.308	1.325	1.337	1.469
FR1 n30_Ant 2 TX0	0.365	0.267	0.308	1.262	1.274	1.406
FR1 n38_Ant 2 TX0	0.583	0.267	0.308	1.480	1.492	1.624
FR1 n41_Ant 2 TX0	0.567	0.267	0.308	1.464	1.476	1.608
FR1 n66_Ant 2 TX0	0.481	0.267	0.308	1.378	1.390	1.522
FR1 n70_Ant 2 TX0	0.465	0.267	0.308	1.362	1.374	1.506

SAR peak location (mm)			X (axis)		12	-57	13	13.5	9
			Y (axis)		54.3	72	-54	-56	-45
			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)			0.322	0.334	0.466
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-54.6	-44.8	-207	GSM1900_Ant 2 TX0	0.466	0.267	0.308			
-51.8	-40.8	-207	WCDMA II_Ant 2 TX0	0.514	0.267	0.308			
-54.6	-37.2	-207	WCDMA IV_Ant 2 TX0	0.415	0.267	0.308			
-59	-45	-207	LTE Band 7_Ant 2 TX0	0.390	0.267	0.308			
-53.8	-45.7	-207	LTE Band 25_Ant 2 TX0	0.338	0.267	0.308			
-57.5	-54	-207	LTE Band 30_Ant 2 TX0	0.374	0.267	0.308			
-62	-39.5	-207	LTE Band 38_Ant 2 TX0	0.363	0.267	0.308			
-59.5	-45	-207	LTE Band 41_Ant 2 TX0	0.393	0.267	0.308			
-54.1	-48.3	-207	LTE Band 66_Ant 2 TX0	0.503	0.267	0.308			
-56.5	-37	-207	FR1 n7_Ant 2 TX0	0.443	0.267	0.308			
-43.8	-55.1	-207	FR1 n25_Ant 2 TX0	0.428	0.267	0.308			
-50	-48.5	-207	FR1 n30_Ant 2 TX0	0.365	0.267	0.308			
-59	-45	-207	FR1 n38_Ant 2 TX0	0.583	0.267	0.308			0.03
-58	-44.5	-207	FR1 n41_Ant 2 TX0	0.567	0.267	0.308			0.03
-53.4	-35.2	-207	FR1 n66_Ant 2 TX0	0.481	0.267	0.308			
-51.8	-42.5	-207	FR1 n70_Ant 2 TX0	0.465	0.267	0.308			

<Case 114>

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)			0.322	0.334	0.466
				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	0.443	0.147	0.267	1.179	1.191	1.323
LTE Band 66_Ant 5 Sub TX1	0.452	0.147	0.267	1.188	1.200	1.332
FR1 n25_Ant 5 Sub TX1	0.466	0.147	0.267	1.202	1.214	1.346
FR1 n66_Ant 5 Sub TX1	0.490	0.147	0.267	1.226	1.238	1.370
FR1 n41_Ant 5 Sub TX1	0.723	0.147	0.267	1.459	1.471	1.603
FR1 n48_Ant 5 Sub TX1	0.258	0.147	0.267	0.994	1.006	1.138
FR1 n77_Ant 5 Sub TX1	0.443	0.147	0.267	1.179	1.191	1.323

SAR peak location (mm)			X (axis)		-56.5	12	13	13.5	9
			Y (axis)		72	54.3	-54	-56	-45
			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	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)			0.322	0.334	0.466
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.147	0.267			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.147	0.267			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.147	0.267			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.147	0.267			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.147	0.267			0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.147	0.267			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.147	0.267			

<Case 115>

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)			0.322	0.334	0.466
				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	0.443	0.148	0.267	1.180	1.192	1.324
LTE Band 66_Ant 5 Sub TX1	0.452	0.148	0.267	1.189	1.201	1.333
FR1 n25_Ant 5 Sub TX1	0.466	0.148	0.267	1.203	1.215	1.347
FR1 n66_Ant 5 Sub TX1	0.490	0.148	0.267	1.227	1.239	1.371
FR1 n41_Ant 5 Sub TX1	0.723	0.148	0.267	1.460	1.472	1.604
FR1 n48_Ant 5 Sub TX1	0.258	0.148	0.267	0.995	1.007	1.139
FR1 n77_Ant 5 Sub TX1	0.443	0.148	0.267	1.180	1.192	1.324

SAR peak location (mm)			X (axis)		12	12	13	13.5	9
			Y (axis)		37	54.3	-54	-56	-45
			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)			0.322	0.334	0.466
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.148	0.267			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.148	0.267			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.148	0.267			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.148	0.267			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.148	0.267			0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.148	0.267			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.148	0.267			

<Case 116>

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)			0.322	0.334	0.466
				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	0.443	0.267	0.308	1.340	1.352	1.484
LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.308	1.349	1.361	1.493
FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.308	1.363	1.375	1.507
FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.308	1.387	1.399	1.531
FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.308	1.620	1.632	1.764
FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.308	1.155	1.167	1.299
FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.308	1.340	1.352	1.484

SAR peak location (mm)			X (axis)		12	-57	13	13.5	9
			Y (axis)		54.3	72	-54	-56	-45
			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)			0.322	0.334	0.466
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.267	0.308			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.308			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.308			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.308			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.308	0.02	0.02	0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.308			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.308			

<Case 117>

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)			0.322	0.334	0.466
				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	0.443	0.267	0.200	1.232	1.244	1.376
LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.200	1.241	1.253	1.385
FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.200	1.255	1.267	1.399
FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.200	1.279	1.291	1.423
FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.200	1.512	1.524	1.656
FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.200	1.047	1.059	1.191
FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.200	1.232	1.244	1.376

SAR peak location (mm)			X (axis)		12	10	13	13.5	9
			Y (axis)		54.3	36.5	-54	-56	-45
			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)			0.322	0.334	0.466
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.267	0.200			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.200			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.200			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.200			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.200			0.03
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.200			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.200			

<Case 118>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.405	0.389
				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	0.443	0.267	0.308	1.281	1.423	1.407
LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.308	1.290	1.432	1.416
FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.308	1.304	1.446	1.430
FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.308	1.328	1.470	1.454
FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.308	1.561	1.703	1.687
FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.308	1.096	1.238	1.222
FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.308	1.281	1.423	1.407

SAR peak location (mm)			X (axis)		12	-57	-57.5	-58.5	-48
			Y (axis)		54.3	72	-51	-49.5	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.405	0.389
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.267	0.308			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.308			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.308			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.308			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.308		0.03	0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.308			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.308			

<Case 119>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.405	0.389
				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	0.443	0.267	0.200	1.173	1.315	1.299
LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.200	1.182	1.324	1.308
FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.200	1.196	1.338	1.322
FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.200	1.220	1.362	1.346
FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.200	1.453	1.595	1.579
FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.200	0.988	1.130	1.114
FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.200	1.173	1.315	1.299

SAR peak location (mm)			X (axis)		12	10	-57.5	-58.5	-48
			Y (axis)		54.3	36.5	-51	-49.5	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.405	0.389
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.267	0.200			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.267	0.200			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.466	0.267	0.200			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.267	0.200			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.267	0.200		0.02	
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.267	0.200			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.267	0.200			

<Case 120>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
				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	0.677	0.070	0.081	1.309	1.567	1.413
LTE Band 66_Ant 5 Sub TX1	0.667	0.070	0.081	1.299	1.557	1.403
FR1 n25_Ant 5 Sub TX1	0.826	0.070	0.081	1.458	1.716	1.562
FR1 n66_Ant 5 Sub TX1	0.579	0.070	0.081	1.211	1.469	1.315
FR1 n41_Ant 5 Sub TX1	0.745	0.070	0.081	1.377	1.635	1.481
FR1 n48_Ant 5 Sub TX1	0.144	0.070	0.081	0.776	1.034	0.880
FR1 n77_Ant 5 Sub TX1	0.359	0.070	0.081	0.991	1.249	1.095

SAR peak location (mm)			X (axis)		-25	-22.8	-28.2	-25	-27.3
			Y (axis)		-64.5	-56.8	54.5	58	55.5
			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	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.070	0.081			
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.070	0.081			
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.070	0.081		0.02	
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.070	0.081			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.070	0.081		0.02	
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.070	0.081			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.070	0.081			

<Case 121>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
				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	0.677	0.002	0.081	1.241	1.499	1.345
LTE Band 66_Ant 5 Sub TX1	0.667	0.002	0.081	1.231	1.489	1.335
FR1 n25_Ant 5 Sub TX1	0.826	0.002	0.081	1.390	1.648	1.494
FR1 n66_Ant 5 Sub TX1	0.579	0.002	0.081	1.143	1.401	1.247
FR1 n41_Ant 5 Sub TX1	0.745	0.002	0.081	1.309	1.567	1.413
FR1 n48_Ant 5 Sub TX1	0.144	0.002	0.081	0.708	0.966	0.812
FR1 n77_Ant 5 Sub TX1	0.359	0.002	0.081	0.923	1.181	1.027

SAR peak location (mm)			X (axis)		-25.9	-22.8	-28.2	-25	-27.3
			Y (axis)		-64.5	-56.8	54.5	58	55.5
			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 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.002	0.081			
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.002	0.081			
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.002	0.081		0.02	
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.002	0.081			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.002	0.081			
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.002	0.081			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.002	0.081			

<Case 122>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
				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	0.677	0.089	0.081	1.328	1.586	1.432
LTE Band 66_Ant 5 Sub TX1	0.667	0.089	0.081	1.318	1.576	1.422
FR1 n25_Ant 5 Sub TX1	0.826	0.089	0.081	1.477	1.735	1.581
FR1 n66_Ant 5 Sub TX1	0.579	0.089	0.081	1.230	1.488	1.334
FR1 n41_Ant 5 Sub TX1	0.745	0.089	0.081	1.396	1.654	1.500
FR1 n48_Ant 5 Sub TX1	0.144	0.089	0.081	0.795	1.053	0.899
FR1 n77_Ant 5 Sub TX1	0.359	0.089	0.081	1.010	1.268	1.114

SAR peak location (mm)			X (axis)		-25.9	-22.8	-28.2	-25	-27.3
			Y (axis)		-64.5	-56.8	54.5	58	55.5
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.089	0.081			
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.089	0.081			
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.089	0.081		0.03	
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.089	0.081			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.089	0.081		0.02	
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.089	0.081			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.089	0.081			

<Case 123>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
				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	0.677	0.081	0.151	1.390	1.648	1.494
LTE Band 66_Ant 5 Sub TX1	0.667	0.081	0.151	1.380	1.638	1.484
FR1 n25_Ant 5 Sub TX1	0.826	0.081	0.151	1.539	1.797	1.643
FR1 n66_Ant 5 Sub TX1	0.579	0.081	0.151	1.292	1.550	1.396
FR1 n41_Ant 5 Sub TX1	0.745	0.081	0.151	1.458	1.716	1.562
FR1 n48_Ant 5 Sub TX1	0.144	0.081	0.151	0.857	1.115	0.961
FR1 n77_Ant 5 Sub TX1	0.359	0.081	0.151	1.072	1.330	1.176

SAR peak location (mm)			X (axis)		-22.8	-24.1	-28.2	-25	-27.3
			Y (axis)		-56.8	-66.5	54.5	58	55.5
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.081	0.151		0.02	
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.081	0.151		0.02	
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.081	0.151		0.03	0.02
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.081	0.151			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.081	0.151		0.02	
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.081	0.151			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.081	0.151			

<Case 124>

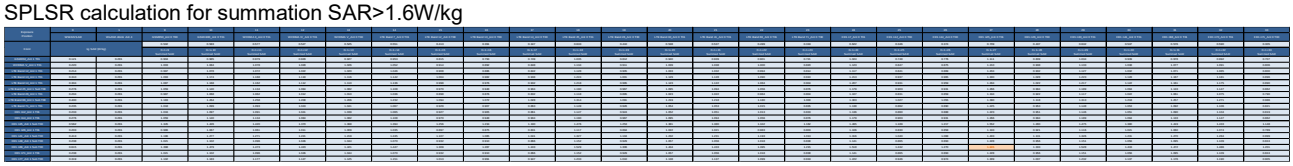
SPLSR calculation for summation SAR>1.6W/kg

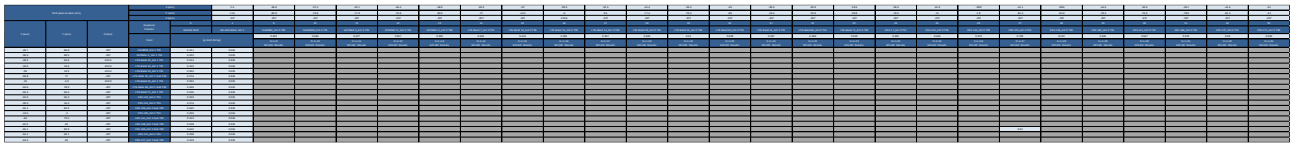
Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.677	0.081	0.021	1.260	1.518	1.364
LTE Band 66_Ant 5 Sub TX1	0.667	0.081	0.021	1.250	1.508	1.354
FR1 n25_Ant 5 Sub TX1	0.826	0.081	0.021	1.409	1.667	1.513
FR1 n66_Ant 5 Sub TX1	0.579	0.081	0.021	1.162	1.420	1.266
FR1 n41_Ant 5 Sub TX1	0.745	0.081	0.021	1.328	1.586	1.432
FR1 n48_Ant 5 Sub TX1	0.144	0.081	0.021	0.727	0.985	0.831
FR1 n77_Ant 5 Sub TX1	0.359	0.081	0.021	0.942	1.200	1.046

SAR peak location (mm)									
			X (axis)		-22.8	-25.4	-28.2	-25	-27.3
			Y (axis)		-56.8	-9	54.5	58	55.5
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.481	0.739	0.585
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.081	0.021			
-25.3	-28.4	-207	LTE Band 66_Ant 5 Sub TX1	0.667	0.081	0.021			
-28.3	-32.4	-207	FR1 n25_Ant 5 Sub TX1	0.826	0.081	0.021		0.03	
-25.3	-32.9	-207	FR1 n66_Ant 5 Sub TX1	0.579	0.081	0.021			
-25	-36.5	-207	FR1 n41_Ant 5 Sub TX1	0.745	0.081	0.021			
-27.3	-41.5	-207	FR1 n48_Ant 5 Sub TX1	0.144	0.081	0.021			
-31.2	-38.5	-207	FR1 n77_Ant 5 Sub TX1	0.359	0.081	0.021			

<Case 125>

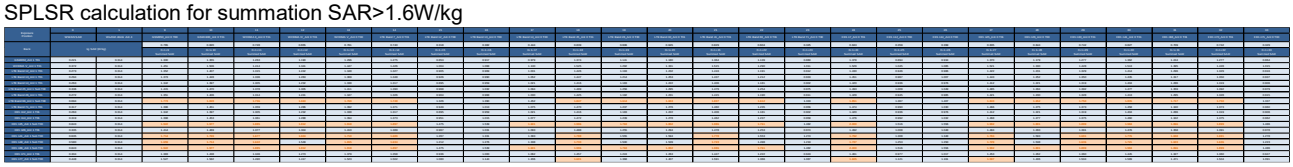
SPLSR calculation for summation SAR>1.6W/kg

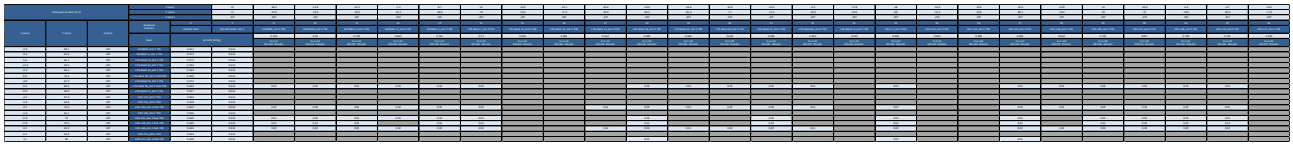




<Case 126>

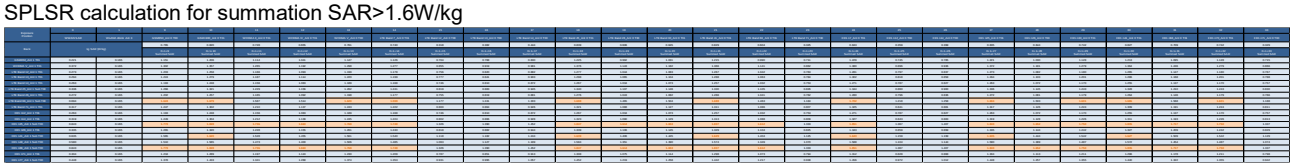
SPLSR calculation for summation SAR>1.6W/kg

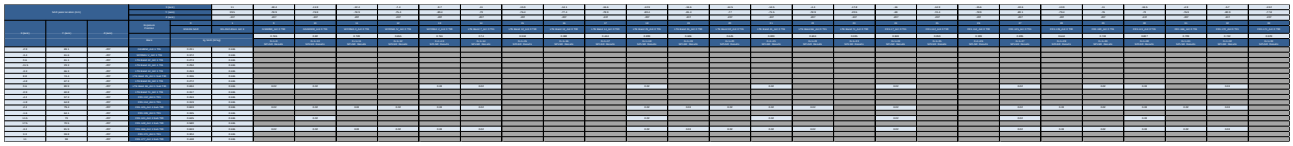




<Case 127>

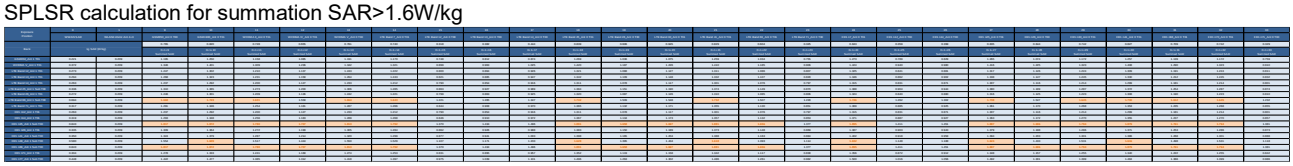
SPLSR calculation for summation SAR>1.6W/kg

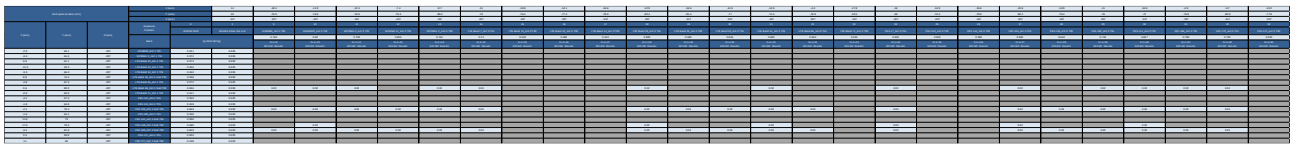




<Case 128>

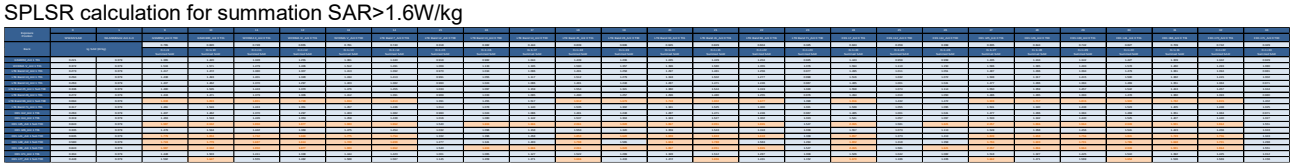
SPLSR calculation for summation SAR>1.6W/kg

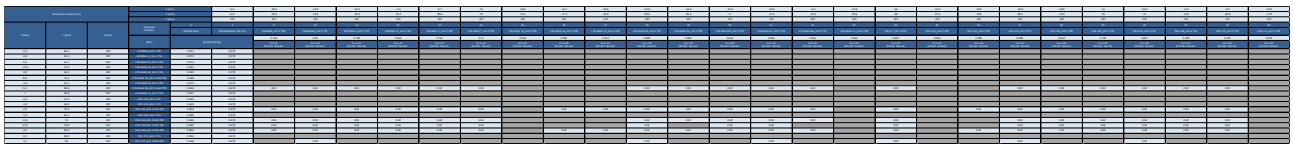




<Case 129>

SPLSR calculation for summation SAR>1.6W/kg





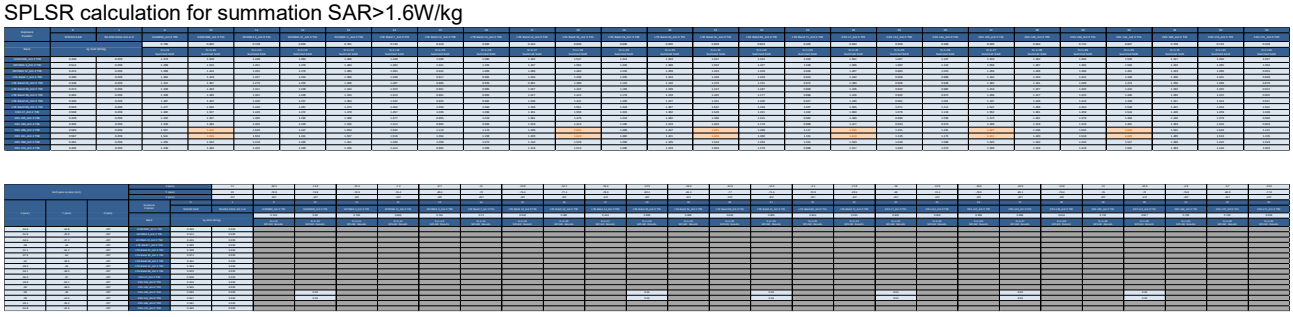
<Case 130>

SPLSR calculation for summation SAR>1.6W/kg

Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			X	Y	Z				
WWAN Ant 0 + WWAN Ant 2	Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	39.7	1.43	0.04	Not required
	Max WWAN Ant 2	0.583	-50.0	-48.5	-207.0				
WWAN Ant 0 + WLAN2.4G Ant 4	Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	144.9	1.16	0.01	Not required
	WLAN2.4G Ant 4	0.314	-57.0	70.0	-207.0				
WWAN Ant 2 + WLAN2.4G Ant 4	Max WWAN Ant 2	0.583	-53.4	-35.2	-207.0	105.3	0.90	0.01	Not required
	WLAN2.4G Ant 4	0.314	-57.0	70.0	-207.0				

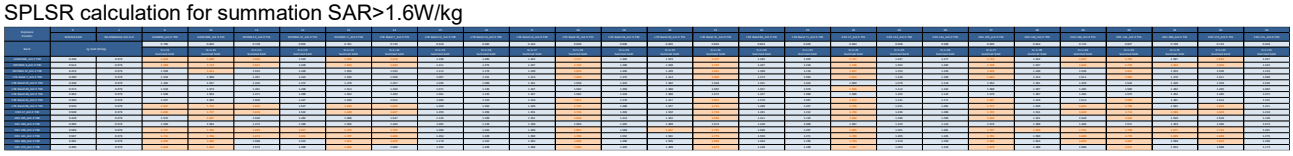
<Case 131>

SPLSR calculation for summation SAR>1.6W/kg



<Case 132>

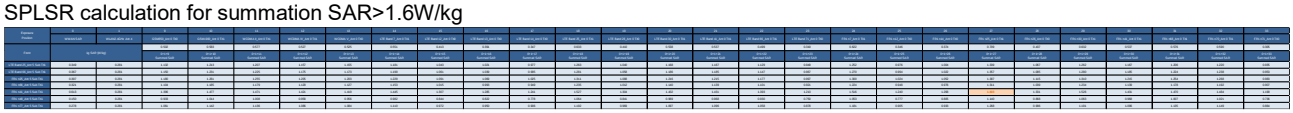
SPLSR calculation for summation SAR>1.6W/kg

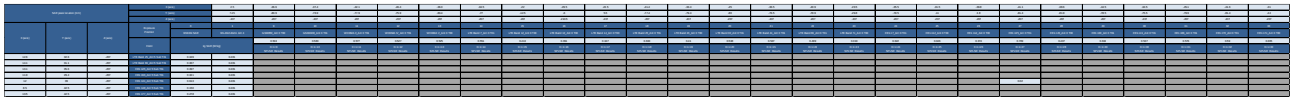


Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			X	Y	Z				
0+2/ 5G(4)	Max WWAN Ant 0+Max WWAN Ant 2	1.426	-53.4	-35.2	-207.0	118.5	1.80	0.02	Not required
	WLAN5/6G Ant 4+3(4)	0.369	-23.8	79.5	-207.0				
0+2/ 5G(3)	Max WWAN Ant 0+Max WWAN Ant 2	1.426	-53.4	-35.2	-207.0	107.1	1.81	0.02	Not required
	WLAN5/6G Ant 4+3(3)	0.379	5.6	54.2	-207.0				
WLAN5/6G Ant 4+3(4) + WLAN5/6G Ant 4+3(3)	WLAN5/6G Ant 4+3(4)	0.369	-23.8	79.5	-207.0	38.8	0.75	0.02	Not required
	WLAN5/6G Ant 4+3(3)	0.379	5.6	54.2	-207.0				

<Case 133>

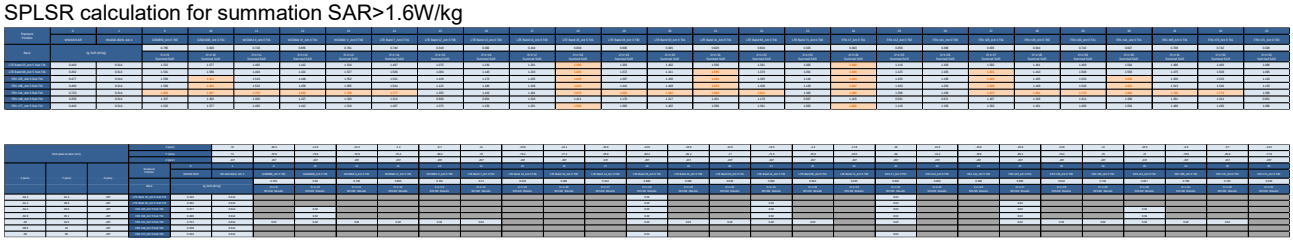
SPLSR calculation for summation SAR>1.6W/kg





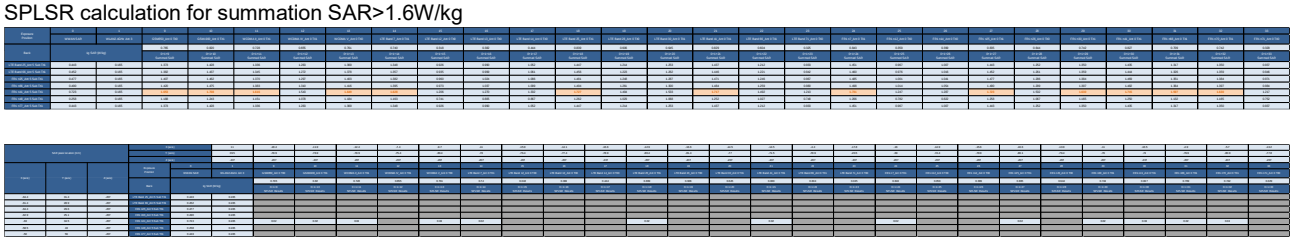
<Case 134>

SPLSR calculation for summation SAR>1.6W/kg



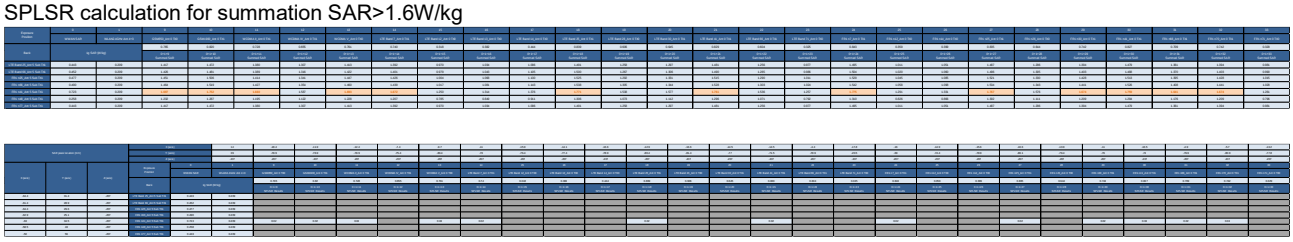
<Case 135>

SPLSR calculation for summation SAR>1.6W/kg



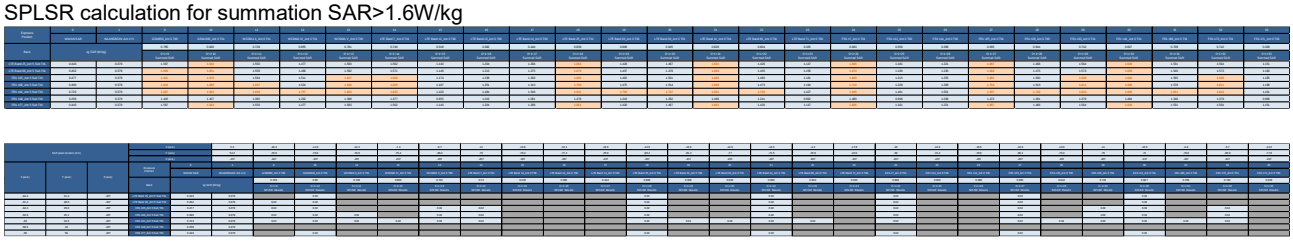
<Case 136>

SPLSR calculation for summation SAR>1.6W/kg



<Case 137>

SPLSR calculation for summation SAR>1.6W/kg



<Case 138>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)		0.263	0.311	0.389
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 0 TX0	0.765	0.379	1.407	1.455	1.533
GSM1900_Ant 0 TX1	0.820	0.379	1.462	1.510	1.588
WCDMA II_Ant 0 TX1	0.728	0.379	1.370	1.418	1.496
WCDMA IV_Ant 0 TX1	0.655	0.379	1.297	1.345	1.423
WCDMA V_Ant 0 TX0	0.761	0.379	1.403	1.451	1.529
LTE Band 7_Ant 0 TX1	0.740	0.379	1.382	1.430	1.508
LTE Band 12_Ant 0 TX0	0.318	0.379	0.960	1.008	1.086
LTE Band 13_Ant 0 TX0	0.382	0.379	1.024	1.072	1.150
LTE Band 14_Ant 0 TX0	0.444	0.379	1.086	1.134	1.212
LTE Band 25_Ant 0 TX1	0.839	0.379	1.481	1.529	1.607
LTE Band 26_Ant 0 TX0	0.606	0.379	1.248	1.296	1.374
LTE Band 30_Ant 0 TX1	0.645	0.379	1.287	1.335	1.413
LTE Band 41_Ant 0 TX1	0.829	0.379	1.471	1.519	1.597
LTE Band 66_Ant 0 TX1	0.604	0.379	1.246	1.294	1.372
LTE Band 71_Ant 0 TX0	0.325	0.379	0.967	1.015	1.093
FR1 n7_Ant 0 TX1	0.843	0.379	1.485	1.533	1.611
FR1 n12_Ant 0 TX0	0.359	0.379	1.001	1.049	1.127
FR1 n14_Ant 0 TX0	0.399	0.379	1.041	1.089	1.167
FR1 n25_Ant 0 TX1	0.835	0.379	1.477	1.525	1.603
FR1 n26_Ant 0 TX0	0.644	0.379	1.286	1.334	1.412
FR1 n30_Ant 0 TX1	0.742	0.379	1.384	1.432	1.510
FR1 n41_Ant 0 TX1	0.827	0.379	1.469	1.517	1.595
FR1 n66_Ant 0 TX1	0.709	0.379	1.351	1.399	1.477
FR1 n70_Ant 0 TX1	0.742	0.379	1.384	1.432	1.510
FR1 n71_Ant 0 TX0	0.329	0.379	0.971	1.019	1.097

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	32.4	1.23	0.04	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	145.5	0.76	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.369	-23.8	79.5	-207.0				
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	129.8	0.77	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.379	5.6	54.2	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	148.7	1.21	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.369	-23.8	79.5	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	125.1	1.22	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.379	5.6	54.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.369	-23.8	79.5	-207.0	38.8	0.75	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.379	5.6	54.2	-207.0				

<Case 139>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)		0.499	0.514	0.415	0.390	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.221	0.314	1.034	1.049	0.950	0.925	0.873	0.909	0.899	0.928	1.038	1.043	0.963	0.900	1.118	1.102	1.016	1.000
WCDMA V_Ant 1 TX1	0.372	0.314	1.185	1.200	1.101	1.076	1.024	1.060	1.050	1.079	1.189	1.194	1.114	1.051	1.269	1.253	1.167	1.151
LTE Band 12_Ant 1 TX1	0.273	0.314	1.086	1.101	1.002	0.977	0.925	0.961	0.951	0.980	1.090	1.095	1.015	0.952	1.170	1.154	1.068	1.052
LTE Band 13_Ant 1 TX1	0.294	0.314	1.107	1.122	1.023	0.998	0.946	0.982	0.972	1.001	1.111	1.116	1.036	0.973	1.191	1.175	1.089	1.073
LTE Band 14_Ant 1 TX1	0.263	0.314	1.076	1.091	0.992	0.967	0.915	0.951	0.941	0.970	1.080	1.085	1.005	0.942	1.160	1.144	1.058	1.042
LTE Band 25_Ant 1 Sub TX0	0.336	0.314	1.149	1.164	1.065	1.040	0.988	1.024	1.014	1.043	1.153	1.158	1.078	1.015	1.233	1.217	1.131	1.115
LTE Band 26_Ant 1 TX1	0.272	0.314	1.085	1.100	1.001	0.976	0.924	0.960	0.950	0.979	1.089	1.094	1.014	0.951	1.169	1.153	1.067	1.051
LTE Band 66_Ant 1 Sub TX0	0.694	0.314	1.507	1.522	1.423	1.398	1.346	1.382	1.372	1.401	1.511	1.516	1.436	1.373	1.591	1.575	1.489	1.473
LTE Band 71_Ant 1 TX1	0.317	0.314	1.130	1.145	1.046	1.021	0.969	1.005	0.995	1.024	1.134	1.139	1.059	0.996	1.214	1.198	1.112	1.096
FR1 n12_Ant 1 TX1	0.263	0.314	1.076	1.091	0.992	0.967	0.915	0.951	0.941	0.970	1.080	1.085	1.005	0.942	1.160	1.144	1.058	1.042
FR1 n14_Ant 1 TX1	0.319	0.314	1.132	1.147	1.048	1.023	0.971	1.007	0.997	1.026	1.136	1.141	1.061	0.998	1.216	1.200	1.114	1.098
FR1 n25_Ant 1 Sub TX0	0.843	0.314	1.656	1.671	1.572	1.547	1.495	1.531	1.521	1.550	1.660	1.665	1.585	1.522	1.740	1.724	1.638	1.622
FR1 n26_Ant 1 TX1	0.335	0.314	1.148	1.163	1.064	1.039	0.987	1.023	1.013	1.042	1.152	1.157	1.077	1.014	1.232	1.216	1.130	1.114
FR1 n41_Ant 1 Sub TX0	0.635	0.314	1.448	1.463	1.364	1.339	1.287	1.323	1.313	1.342	1.452	1.457	1.377	1.314	1.532	1.516	1.430	1.414
FR1 n48_Ant 1 Sub TX0	0.580	0.314	1.393	1.408	1.309	1.284	1.232	1.268	1.258	1.287	1.397	1.402	1.322	1.259	1.477	1.461	1.375	1.359
FR1 n66_Ant 1 Sub TX0	0.843	0.314	1.656	1.671	1.572	1.547	1.495	1.531	1.521	1.550	1.660	1.665	1.585	1.522	1.740	1.724	1.638	1.622
FR1 n71_Ant 1 TX1	0.304	0.314	1.117	1.132	1.033	1.008	0.956	0.992	0.982	1.011	1.121	1.126	1.046	0.983	1.201	1.185	1.099	1.083
FR1 n77_Ant 1 Sub TX0	0.448	0.314	1.261	1.276	1.177	1.152	1.100	1.136	1.126	1.155	1.265	1.270	1.190	1.127	1.345	1.329	1.243	1.227

SAR peak location (mm)			X (axis)		-57	-54.6	-51.8	-54.6	-59	-51.1	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		70	-44.8	-40.8	-37.2	-45	-52.2	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.499	0.514	0.415	0.39	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.314																
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.314																
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.314																
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.314																
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.314																
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.314																
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.314																
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.314																
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.314																
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.314																
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.314																
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.314	0.02	0.02							0.02	0.02			0.02	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.314																
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.314																
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.314																
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.314	0.02	0.02							0.02	0.02			0.02	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.314																
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.314																

<Case 140>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)		0.499	0.514	0.415	0.390	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.221	0.209	0.929	0.944	0.845	0.820	0.768	0.804	0.794	0.823	0.933	0.938	0.858	0.795	1.013	0.997	0.911	0.895
WCDMA V_Ant 1 TX1	0.372	0.209	1.080	1.095	0.996	0.971	0.919	0.955	0.945	0.974	1.084	1.089	1.009	0.946	1.164	1.148	1.062	1.046
LTE Band 12_Ant 1 TX1	0.273	0.209	0.981	0.996	0.897	0.872	0.820	0.856	0.846	0.875	0.985	0.990	0.910	0.847	1.065	1.049	0.963	0.947
LTE Band 13_Ant 1 TX1	0.294	0.209	1.002	1.017	0.918	0.893	0.841	0.877	0.867	0.896	1.006	1.011	0.931	0.868	1.086	1.070	0.984	0.968
LTE Band 14_Ant 1 TX1	0.263	0.209	0.971	0.986	0.887	0.862	0.810	0.846	0.836	0.865	0.975	0.980	0.900	0.837	1.055	1.039	0.953	0.937
LTE Band 25_Ant 1 Sub TX0	0.336	0.209	1.044	1.059	0.960	0.935	0.883	0.919	0.909	0.938	1.048	1.053	0.973	0.910	1.128	1.112	1.026	1.010
LTE Band 26_Ant 1 TX1	0.272	0.209	0.980	0.995	0.896	0.871	0.819	0.855	0.845	0.874	0.984	0.989	0.909	0.846	1.064	1.048	0.962	0.946
LTE Band 66_Ant 1 Sub TX0	0.694	0.209	1.402	1.417	1.318	1.293	1.241	1.277	1.267	1.296	1.406	1.411	1.331	1.268	1.486	1.470	1.384	1.368
LTE Band 71_Ant 1 TX1	0.317	0.209	1.025	1.040	0.941	0.916	0.864	0.900	0.890	0.919	1.029	1.034	0.954	0.891	1.109	1.093	1.007	0.991
FR1 n12_Ant 1 TX1	0.263	0.209	0.971	0.986	0.887	0.862	0.810	0.846	0.836	0.865	0.975	0.980	0.900	0.837	1.055	1.039	0.953	0.937
FR1 n14_Ant 1 TX1	0.319	0.209	1.027	1.042	0.943	0.918	0.866	0.902	0.892	0.921	1.031	1.036	0.956	0.893	1.111	1.095	1.009	0.993
FR1 n25_Ant 1 Sub TX0	0.843	0.209	1.551	1.566	1.467	1.442	1.390	1.426	1.416	1.445	1.555	1.560	1.480	1.417	1.635	1.619	1.533	1.517
FR1 n26_Ant 1 TX1	0.335	0.209	1.043	1.058	0.959	0.934	0.882	0.918	0.908	0.937	1.047	1.052	0.972	0.909	1.127	1.111	1.025	1.009
FR1 n41_Ant 1 Sub TX0	0.635	0.209	1.343	1.358	1.259	1.234	1.182	1.218	1.208	1.237	1.347	1.352	1.272	1.209	1.427	1.411	1.325	1.309
FR1 n48_Ant 1 Sub TX0	0.580	0.209	1.288	1.303	1.204	1.179	1.127	1.163	1.153	1.182	1.292	1.297	1.217	1.154	1.372	1.356	1.270	1.254
FR1 n66_Ant 1 Sub TX0	0.843	0.209	1.551	1.566	1.467	1.442	1.390	1.426	1.416	1.445	1.555	1.560	1.480	1.417	1.635	1.619	1.533	1.517
FR1 n71_Ant 1 TX1	0.304	0.209	1.012	1.027	0.928	0.903	0.851	0.887	0.877	0.906	1.016	1.021	0.941	0.878	1.096	1.080	0.994	0.978
FR1 n77_Ant 1 Sub TX0	0.448	0.209	1.156	1.171	1.072	1.047	0.995	1.031	1.021	1.050	1.160	1.165	1.085	1.022	1.240	1.224	1.138	1.122

SAR peak location (mm)			X (axis)		14	-54.6	-51.8	-54.6	-59	-51.1	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		39	-44.8	-40.8	-37.2	-45	-52.2	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.499	0.514	0.415	0.39	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.209																
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.209																
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.209																
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.209																
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.209																
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.209																
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.209																
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.209																
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.209																
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.209																
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.209																
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.209													0.02	0.02		
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.209																
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.209																
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.209																
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.209													0.02	0.02		
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.209																
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.209																

<Case 141>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)		0.499	0.514	0.415	0.390	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR	0+1+12 Summed SAR	0+1+13 Summed SAR	0+1+14 Summed SAR	0+1+15 Summed SAR	0+1+16 Summed SAR	0+1+17 Summed SAR	0+1+18 Summed SAR	0+1+19 Summed SAR	0+1+20 Summed SAR	0+1+21 Summed SAR	0+1+22 Summed SAR	0+1+23 Summed SAR	0+1+24 Summed SAR
GSM850_Ant 1 TX1	0.221	0.379	1.099	1.114	1.015	0.990	0.938	0.974	0.964	0.993	1.103	1.108	1.028	0.965	1.183	1.167	1.081	1.065
WCDMA V_Ant 1 TX1	0.372	0.379	1.250	1.265	1.166	1.141	1.089	1.125	1.115	1.144	1.254	1.259	1.179	1.116	1.334	1.318	1.232	1.216
LTE Band 12_Ant 1 TX1	0.273	0.379	1.151	1.166	1.067	1.042	0.990	1.026	1.016	1.045	1.155	1.160	1.080	1.017	1.235	1.219	1.133	1.117
LTE Band 13_Ant 1 TX1	0.294	0.379	1.172	1.187	1.088	1.063	1.011	1.047	1.037	1.066	1.176	1.181	1.101	1.038	1.256	1.240	1.154	1.138
LTE Band 14_Ant 1 TX1	0.263	0.379	1.141	1.156	1.057	1.032	0.980	1.016	1.006	1.035	1.145	1.150	1.070	1.007	1.225	1.209	1.123	1.107
LTE Band 25_Ant 1 Sub TX0	0.336	0.379	1.214	1.229	1.130	1.105	1.053	1.089	1.079	1.108	1.218	1.223	1.143	1.080	1.298	1.282	1.196	1.180
LTE Band 26_Ant 1 TX1	0.272	0.379	1.150	1.165	1.066	1.041	0.989	1.025	1.015	1.044	1.154	1.159	1.079	1.016	1.234	1.218	1.132	1.116
LTE Band 66_Ant 1 Sub TX0	0.694	0.379	1.572	1.587	1.488	1.463	1.411	1.447	1.437	1.466	1.576	1.581	1.501	1.438	1.656	1.640	1.554	1.538
LTE Band 71_Ant 1 TX1	0.317	0.379	1.195	1.210	1.111	1.086	1.034	1.070	1.060	1.089	1.199	1.204	1.124	1.061	1.279	1.263	1.177	1.161
FR1 n12_Ant 1 TX1	0.263	0.379	1.141	1.156	1.057	1.032	0.980	1.016	1.006	1.035	1.145	1.150	1.070	1.007	1.225	1.209	1.123	1.107
FR1 n14_Ant 1 TX1	0.319	0.379	1.197	1.212	1.113	1.088	1.036	1.072	1.062	1.091	1.201	1.206	1.126	1.063	1.281	1.265	1.179	1.163
FR1 n25_Ant 1 Sub TX0	0.843	0.379	1.721	1.736	1.637	1.612	1.560	1.596	1.586	1.615	1.725	1.730	1.650	1.587	1.805	1.789	1.703	1.687
FR1 n26_Ant 1 TX1	0.335	0.379	1.213	1.228	1.129	1.104	1.052	1.088	1.078	1.107	1.217	1.222	1.142	1.079	1.297	1.281	1.195	1.179
FR1 n41_Ant 1 Sub TX0	0.635	0.379	1.513	1.528	1.429	1.404	1.352	1.388	1.378	1.407	1.517	1.522	1.442	1.379	1.597	1.581	1.495	1.479
FR1 n48_Ant 1 Sub TX0	0.580	0.379	1.458	1.473	1.374	1.349	1.297	1.333	1.323	1.352	1.462	1.467	1.387	1.324	1.542	1.526	1.440	1.424
FR1 n66_Ant 1 Sub TX0	0.843	0.379	1.721	1.736	1.637	1.612	1.560	1.596	1.586	1.615	1.725	1.730	1.650	1.587	1.805	1.789	1.703	1.687
FR1 n71_Ant 1 TX1	0.304	0.379	1.182	1.197	1.098	1.073	1.021	1.057	1.047	1.076	1.186	1.191	1.111	1.048	1.266	1.250	1.164	1.148
FR1 n77_Ant 1 Sub TX0	0.448	0.379	1.326	1.341	1.242	1.217	1.165	1.201	1.191	1.220	1.330	1.335	1.255	1.192	1.410	1.394	1.308	1.292

SAR peak location (mm)			X (axis)		5.6	-54.6	-51.8	-54.6	-59	-51.1	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		54.2	-44.8	-40.8	-37.2	-45	-52.2	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.499	0.514	0.415	0.39	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results	0+1+12 SPLSR Results	0+1+13 SPLSR Results	0+1+14 SPLSR Results	0+1+15 SPLSR Results	0+1+16 SPLSR Results	0+1+17 SPLSR Results	0+1+18 SPLSR Results	0+1+19 SPLSR Results	0+1+20 SPLSR Results	0+1+21 SPLSR Results	0+1+22 SPLSR Results	0+1+23 SPLSR Results	0+1+24 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.379																
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.379																
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.379																
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.379																
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.379																
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.379																
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.379																
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.379													0.02	0.02		
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.379																
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.379																
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.379																
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.379	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.379																
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.379													0.02			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.379																
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.379	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.379																
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.379																

<Case 142>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)		0.322	0.350	0.488
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.314	0.857	0.885	1.023
WCDMA V_Ant 1 TX1	0.372	0.314	1.008	1.036	1.174
LTE Band 12_Ant 1 TX1	0.273	0.314	0.909	0.937	1.075
LTE Band 13_Ant 1 TX1	0.294	0.314	0.930	0.958	1.096
LTE Band 14_Ant 1 TX1	0.263	0.314	0.899	0.927	1.065
LTE Band 25_Ant 1 Sub TX0	0.336	0.314	0.972	1.000	1.138
LTE Band 26_Ant 1 TX1	0.272	0.314	0.908	0.936	1.074
LTE Band 66_Ant 1 Sub TX0	0.694	0.314	1.330	1.358	1.496
LTE Band 71_Ant 1 TX1	0.317	0.314	0.953	0.981	1.119
FR1 n12_Ant 1 TX1	0.263	0.314	0.899	0.927	1.065
FR1 n14_Ant 1 TX1	0.319	0.314	0.955	0.983	1.121
FR1 n25_Ant 1 Sub TX0	0.843	0.314	1.479	1.507	1.645
FR1 n26_Ant 1 TX1	0.335	0.314	0.971	0.999	1.137
FR1 n41_Ant 1 Sub TX0	0.635	0.314	1.271	1.299	1.437
FR1 n48_Ant 1 Sub TX0	0.580	0.314	1.216	1.244	1.382
FR1 n66_Ant 1 Sub TX0	0.843	0.314	1.479	1.507	1.645
FR1 n71_Ant 1 TX1	0.304	0.314	0.940	0.968	1.106
FR1 n77_Ant 1 Sub TX0	0.448	0.314	1.084	1.112	1.250

SAR peak location (mm)			X (axis)	-57	13	13.5	9
			Y (axis)	70	-54	-56	-45
			Z (axis)	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)		0.322	0.35	0.488
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.314			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.314			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.314			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.314			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.314			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.314			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.314			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.314			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.314			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.314			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.314			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.314			0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.314			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.314			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.314			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.314			0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.314			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.314			

<Case 143>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
	WWAN SAR	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)		0.322	0.350	0.488
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.379	0.922	0.950	1.088
WCDMA V_Ant 1 TX1	0.372	0.379	1.073	1.101	1.239
LTE Band 12_Ant 1 TX1	0.273	0.379	0.974	1.002	1.140
LTE Band 13_Ant 1 TX1	0.294	0.379	0.995	1.023	1.161
LTE Band 14_Ant 1 TX1	0.263	0.379	0.964	0.992	1.130
LTE Band 25_Ant 1 Sub TX0	0.336	0.379	1.037	1.065	1.203
LTE Band 26_Ant 1 TX1	0.272	0.379	0.973	1.001	1.139
LTE Band 66_Ant 1 Sub TX0	0.694	0.379	1.395	1.423	1.561
LTE Band 71_Ant 1 TX1	0.317	0.379	1.018	1.046	1.184
FR1 n12_Ant 1 TX1	0.263	0.379	0.964	0.992	1.130
FR1 n14_Ant 1 TX1	0.319	0.379	1.020	1.048	1.186
FR1 n25_Ant 1 Sub TX0	0.843	0.379	1.544	1.572	1.710
FR1 n26_Ant 1 TX1	0.335	0.379	1.036	1.064	1.202
FR1 n41_Ant 1 Sub TX0	0.635	0.379	1.336	1.364	1.502
FR1 n48_Ant 1 Sub TX0	0.580	0.379	1.281	1.309	1.447
FR1 n66_Ant 1 Sub TX0	0.843	0.379	1.544	1.572	1.710
FR1 n71_Ant 1 TX1	0.304	0.379	1.005	1.033	1.171
FR1 n77_Ant 1 Sub TX0	0.448	0.379	1.149	1.177	1.315

SAR peak location (mm)			X (axis)		5.6	13	13.5	9
			Y (axis)		54.2	-54	-56	-45
			Z (axis)		-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	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)		0.322	0.35	0.488
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.379			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.379			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.379			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.379			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.379			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.379			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.379			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.379			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.379			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.379			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.379			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.379			0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.379			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.379			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.379			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.379			0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.379			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.379			

<Case 144>

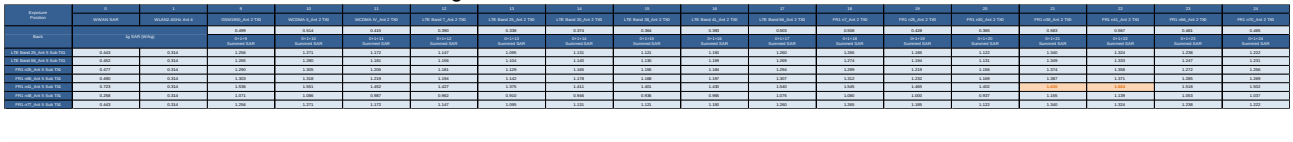
SPLSR calculation for summation SAR>1.6W/kg

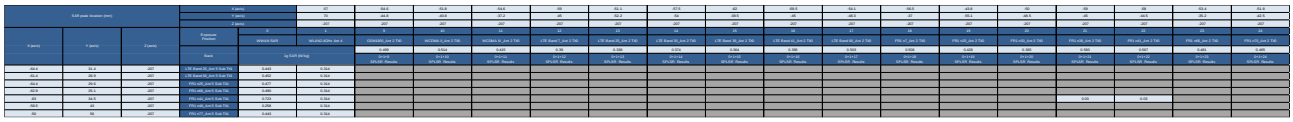
Exposure Position	0	1	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)		0.263	0.311	0.389
			0+1+9 Summed SAR	0+1+10 Summed SAR	0+1+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.379	0.863	0.911	0.989
WCDMA V_Ant 1 TX1	0.372	0.379	1.014	1.062	1.140
LTE Band 12_Ant 1 TX1	0.273	0.379	0.915	0.963	1.041
LTE Band 13_Ant 1 TX1	0.294	0.379	0.936	0.984	1.062
LTE Band 14_Ant 1 TX1	0.263	0.379	0.905	0.953	1.031
LTE Band 25_Ant 1 Sub TX0	0.336	0.379	0.978	1.026	1.104
LTE Band 26_Ant 1 TX1	0.272	0.379	0.914	0.962	1.040
LTE Band 66_Ant 1 Sub TX0	0.694	0.379	1.336	1.384	1.462
LTE Band 71_Ant 1 TX1	0.317	0.379	0.959	1.007	1.085
FR1 n12_Ant 1 TX1	0.263	0.379	0.905	0.953	1.031
FR1 n14_Ant 1 TX1	0.319	0.379	0.961	1.009	1.087
FR1 n25_Ant 1 Sub TX0	0.843	0.379	1.485	1.533	1.611
FR1 n26_Ant 1 TX1	0.335	0.379	0.977	1.025	1.103
FR1 n41_Ant 1 Sub TX0	0.635	0.379	1.277	1.325	1.403
FR1 n48_Ant 1 Sub TX0	0.580	0.379	1.222	1.270	1.348
FR1 n66_Ant 1 Sub TX0	0.843	0.379	1.485	1.533	1.611
FR1 n71_Ant 1 TX1	0.304	0.379	0.946	0.994	1.072
FR1 n77_Ant 1 Sub TX0	0.448	0.379	1.090	1.138	1.216

SAR peak location (mm)			X (axis)	5.6	-57.5	-58.5	-48
			Y (axis)	54.2	-51	-48	-64
			Z (axis)	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)		0.263	0.311	0.389
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.379			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.379			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.379			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.379			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.379			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.379			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.379			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.379			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.379			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.379			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.379			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.379			0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.379			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.379			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.379			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.379			0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.379			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.379			

<Case 145>

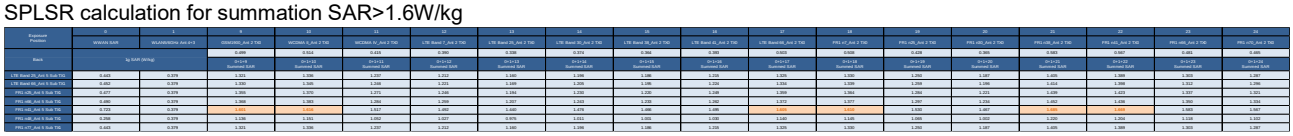
SPLSR calculation for summation SAR>1.6W/kg

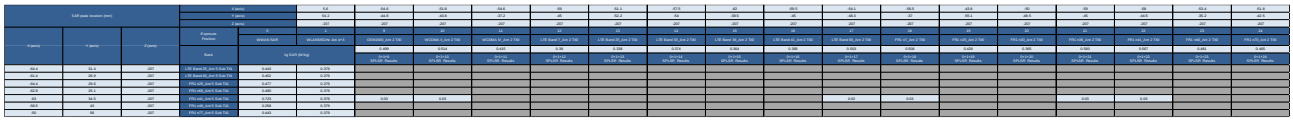




<Case 146>

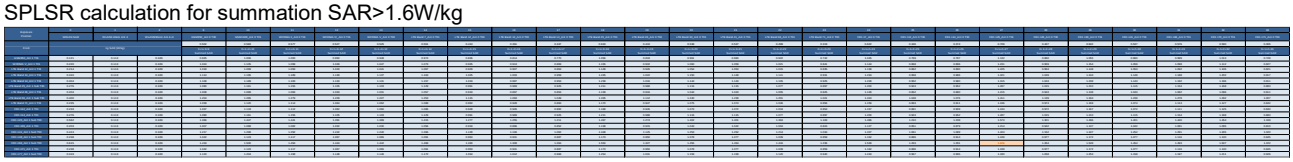
SPLSR calculation for summation SAR>1.6W/kg

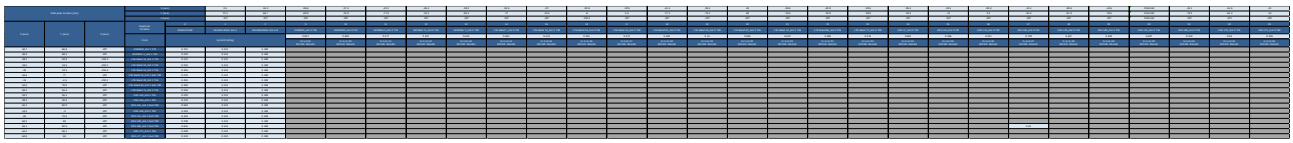




<Case 147>

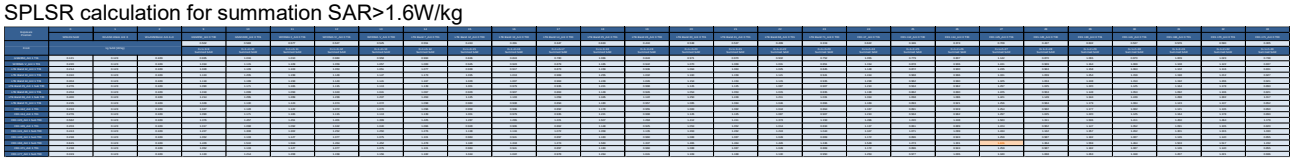
SPLSR calculation for summation SAR>1.6W/kg

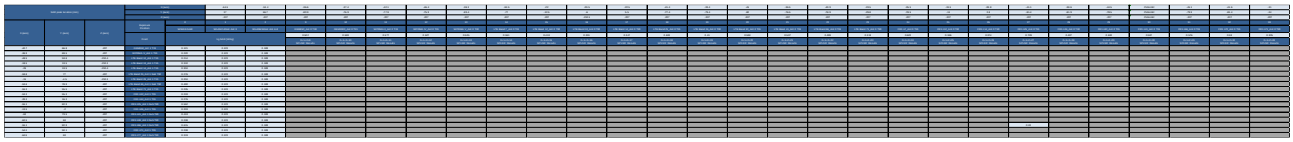




<Case 148>

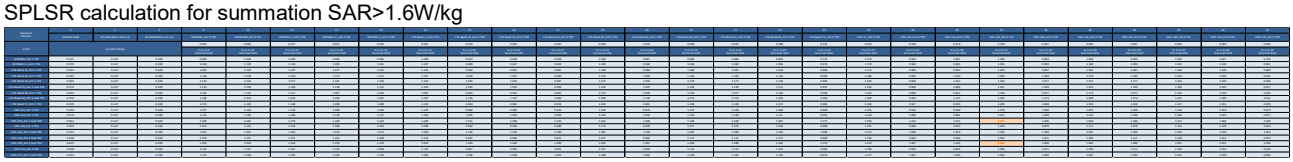
SPLSR calculation for summation SAR>1.6W/kg

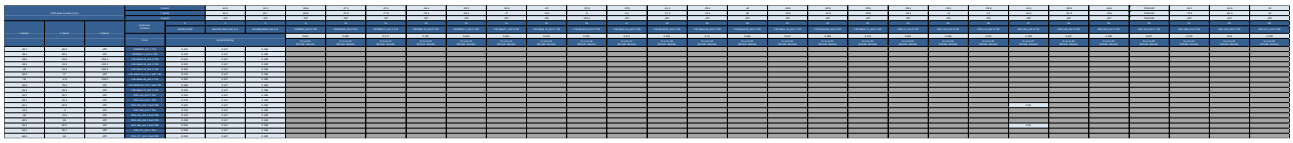




<Case 149>

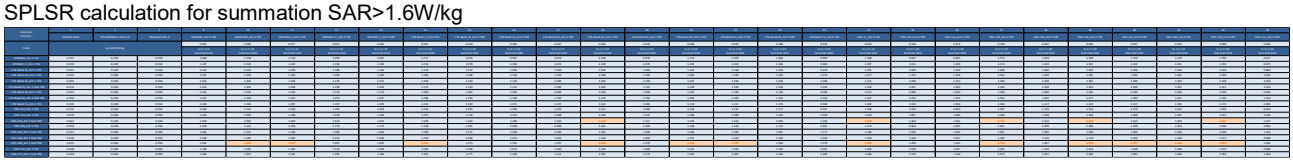
SPLSR calculation for summation SAR>1.6W/kg

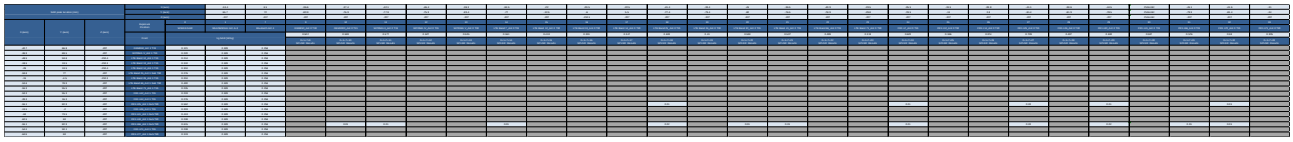




<Case 150>

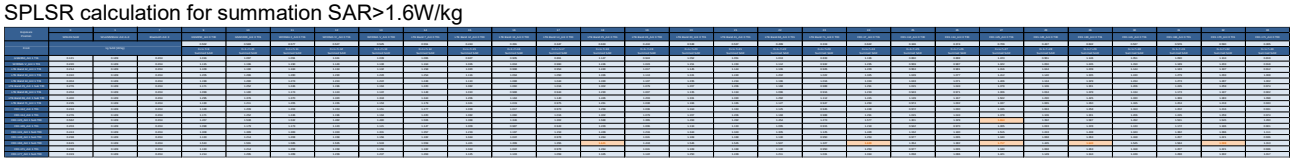
SPLSR calculation for summation SAR>1.6W/kg

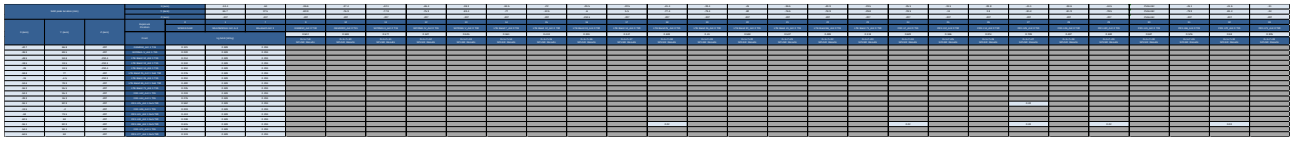




<Case 151>

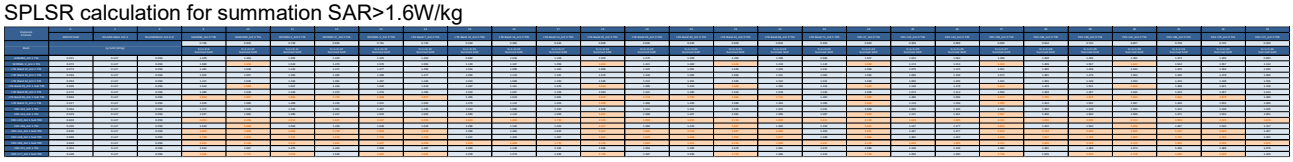
SPLSR calculation for summation SAR>1.6W/kg

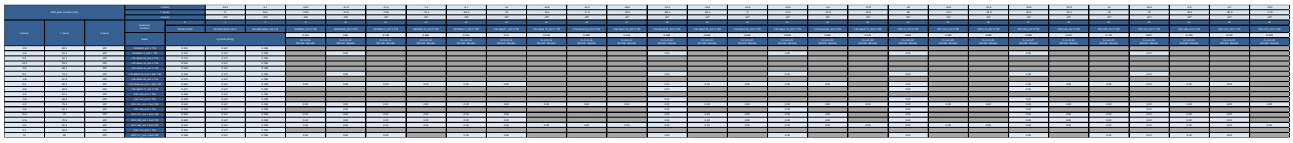




<Case 152>

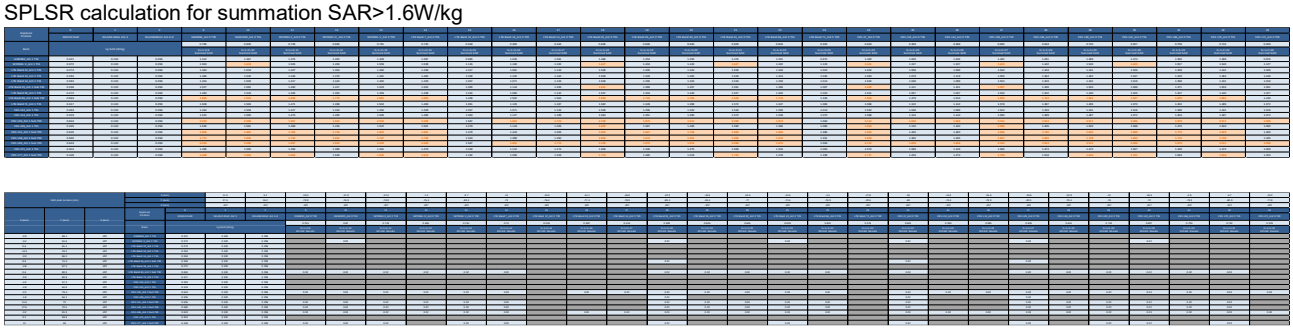
SPLSR calculation for summation SAR>1.6W/kg





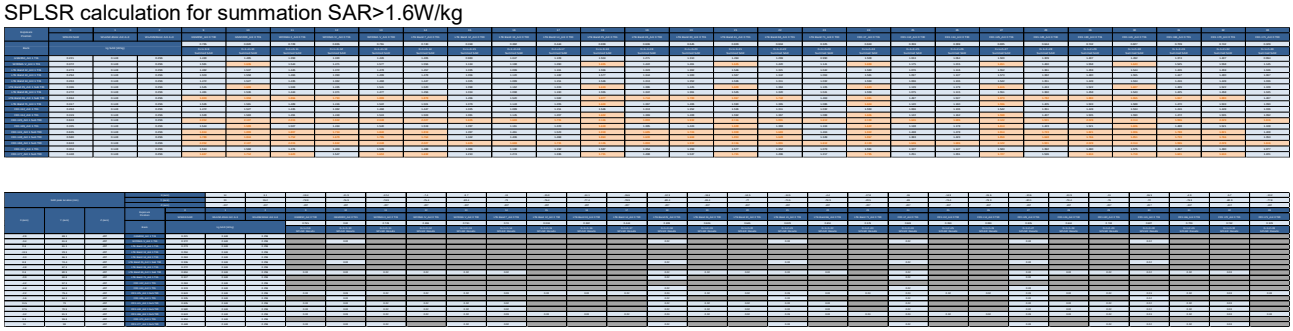
<Case 153>

SPLSR calculation for summation SAR>1.6W/kg



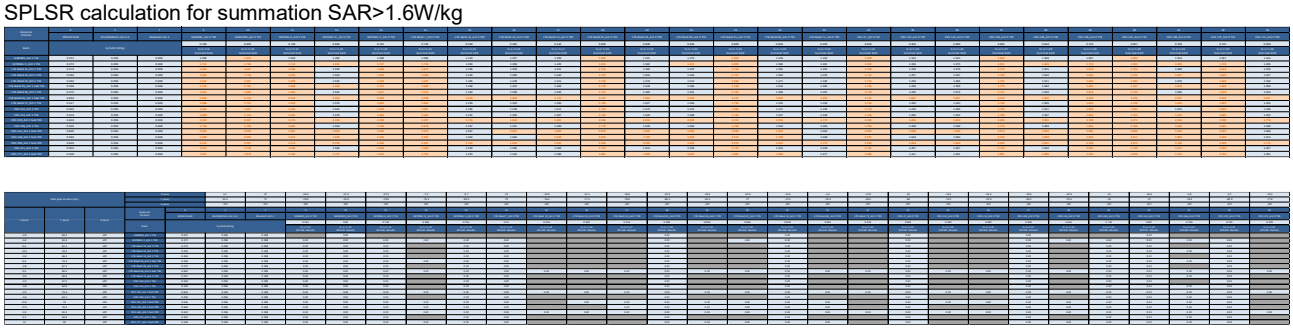
<Case 154>

SPLSR calculation for summation SAR>1.6W/kg



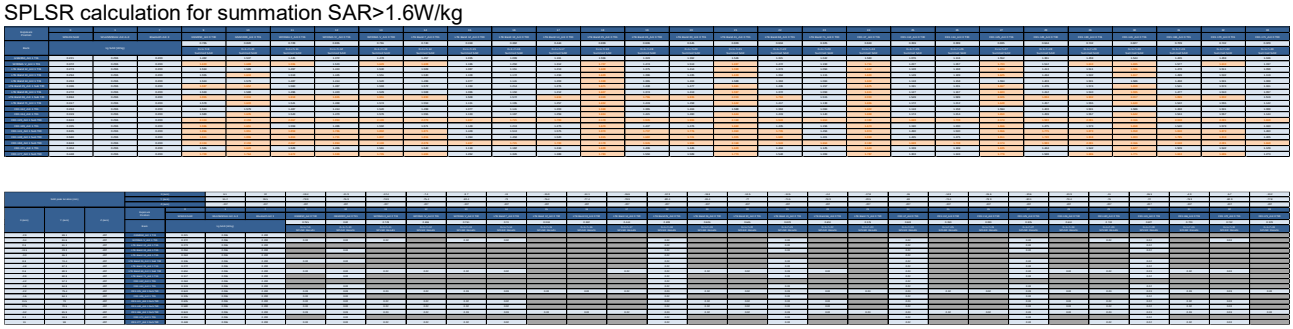
<Case 155>

SPLSR calculation for summation SAR>1.6W/kg



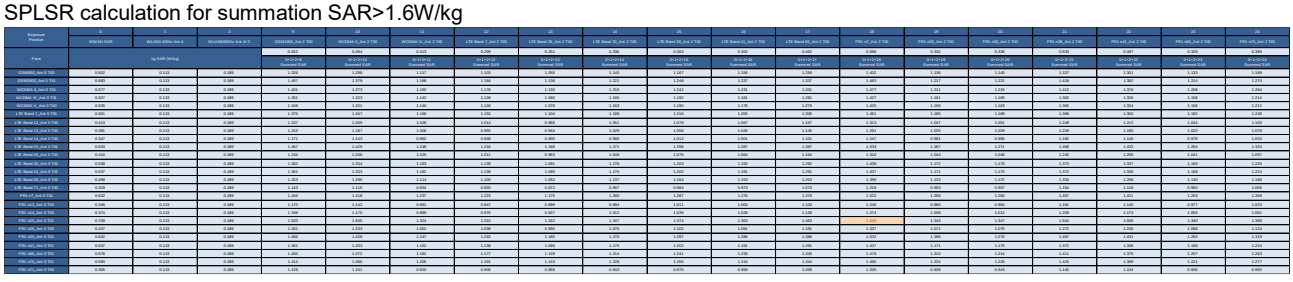
<Case 156>

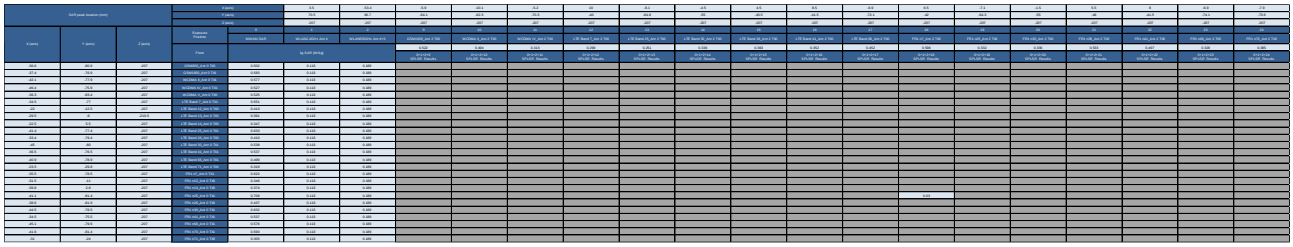
SPLSR calculation for summation SAR>1.6W/kg



<Case 157>

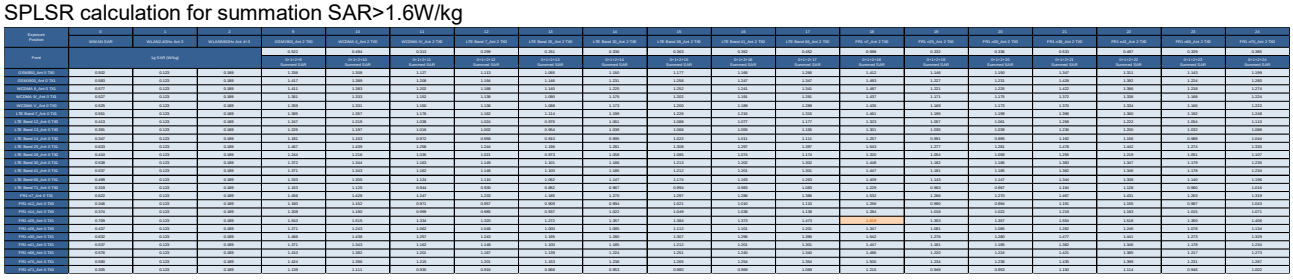
SPLSR calculation for summation SAR>1.6W/kg

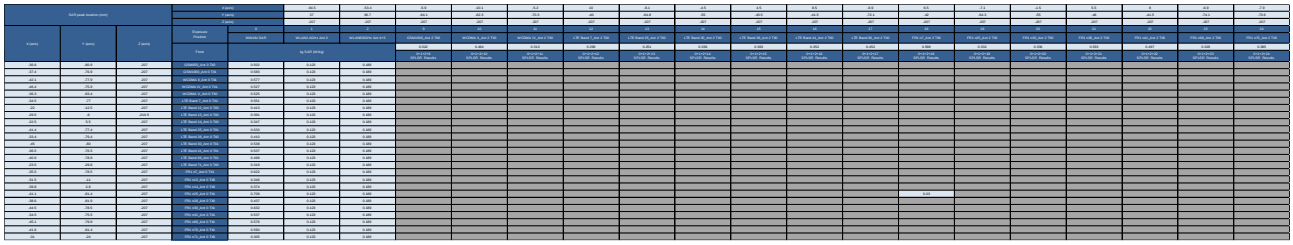




<Case 158>

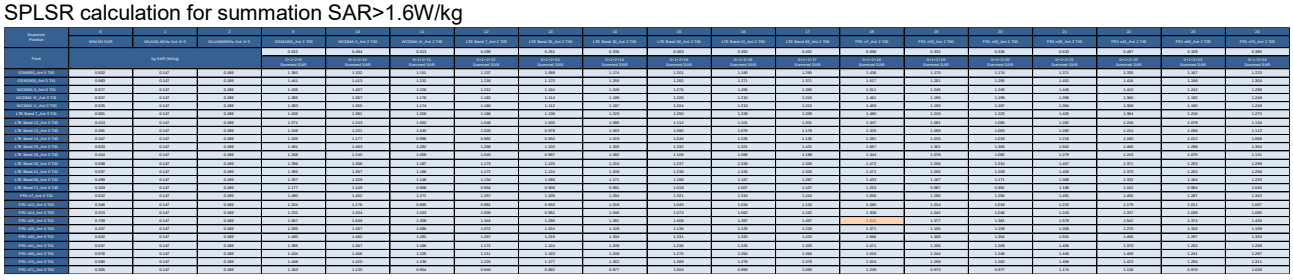
SPLSR calculation for summation SAR>1.6W/kg

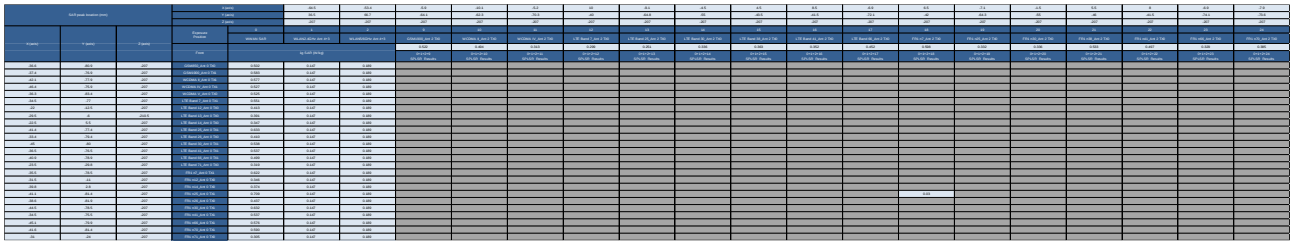




<Case 159>

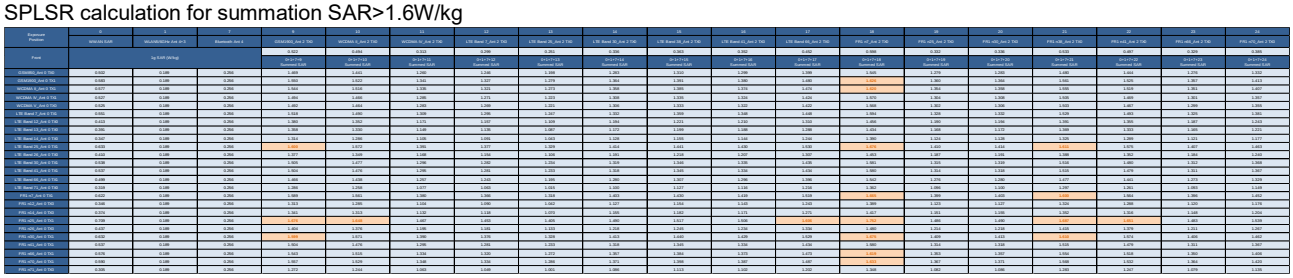
SPLSR calculation for summation SAR>1.6W/kg





<Case 160>

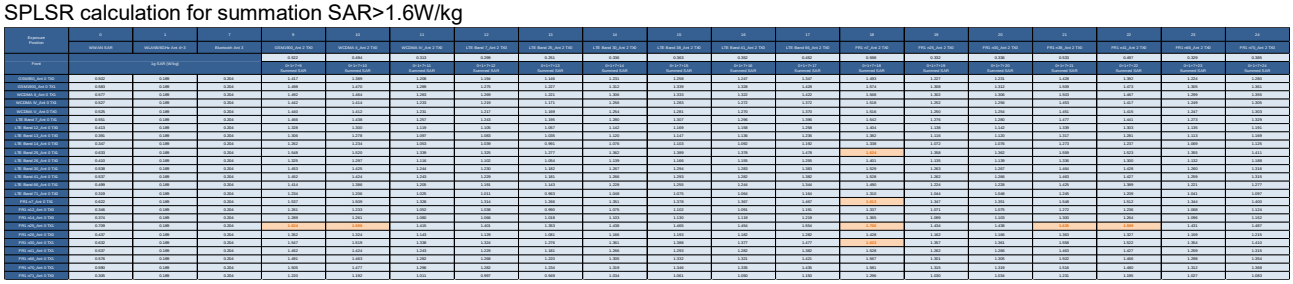
SPLSR calculation for summation SAR>1.6W/kg



Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.598	-6.9	-72.1	-207.0	35.4	1.31	0.04	Not required
Max WWAN Ant 0	0.709	-41.1	-81.4	-207.0				
Max WWAN Ant 2	0.598	8.0	-41.5	-207.0	113.5	0.85	0.01	Not required
Bluetooth Ant 4	0.256	6.5	72.0	-207.0				
Max WWAN Ant 0	0.709	-37.4	-76.9	-207.0	155.2	0.97	0.01	Not required
Bluetooth Ant 4	0.256	6.5	72.0	-207.0				
Max WWAN Ant 2	0.598	8.0	-41.5	-207.0	107.5	0.68	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0				
Max WWAN Ant 2	0.598	6.5	-42.0	-207.0	124.1	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				
Max WWAN Ant 0	0.709	-37.4	-76.9	-207.0	150.2	0.79	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0				
Max WWAN Ant 0	0.709	-37.4	-76.9	-207.0	144.5	0.90	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				
Bluetooth Ant 4	0.256	6.5	72.0	-207.0	6.5	0.34	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0				
Bluetooth Ant 4	0.256	6.5	72.0	-207.0	60.1	0.45	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0	62.4	0.27	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				

<Case 161>

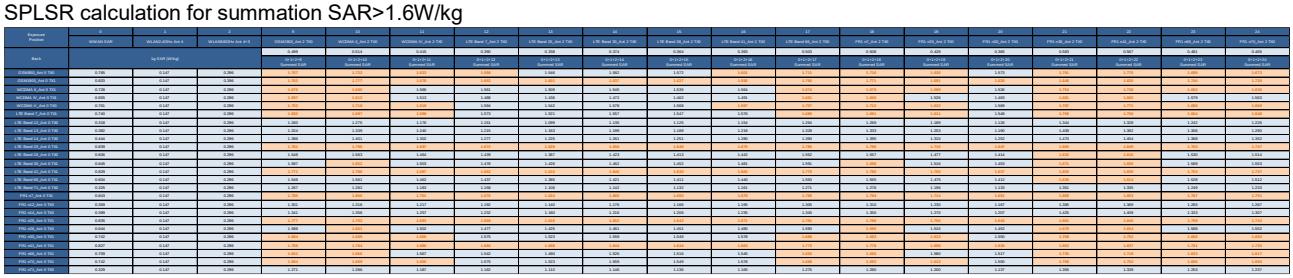
SPLSR calculation for summation SAR>1.6W/kg



Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.598	-10.1	-62.3	-207.0	36.4	1.31	0.04	Not required
Max WWAN Ant 0	0.709	-41.1	-81.4	-207.0				
Max WWAN Ant 2	0.598	6.5	-42.0	-207.0	106.3	0.80	0.01	Not required
Bluetooth Ant 3	0.204	-64.0	37.5	-207.0				
Max WWAN Ant 0	0.709	-41.4	-77.4	-207.0	117.1	0.91	0.01	Not required
Bluetooth Ant 3	0.204	-64.0	37.5	-207.0				
Max WWAN Ant 2	0.598	8.0	-41.5	-207.0	107.5	0.68	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0				
Max WWAN Ant 2	0.598	6.5	-42.0	-207.0	124.1	0.79	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				
Max WWAN Ant 0	0.709	-35.5	-78.5	-207.0	151.2	0.79	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0				
Max WWAN Ant 0	0.709	-41.4	-77.4	-207.0	144.6	0.90	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				
Bluetooth Ant 3	0.204	-64.0	37.5	-207.0	78.4	0.29	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0				
Bluetooth Ant 3	0.204	-64.0	37.5	-207.0	31.1	0.39	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				
WLAN5/6G Ant 4+3(4)	0.081	9.0	66.0	-207.0	62.4	0.27	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.189	-53.4	66.7	-207.0				

<Case 162>

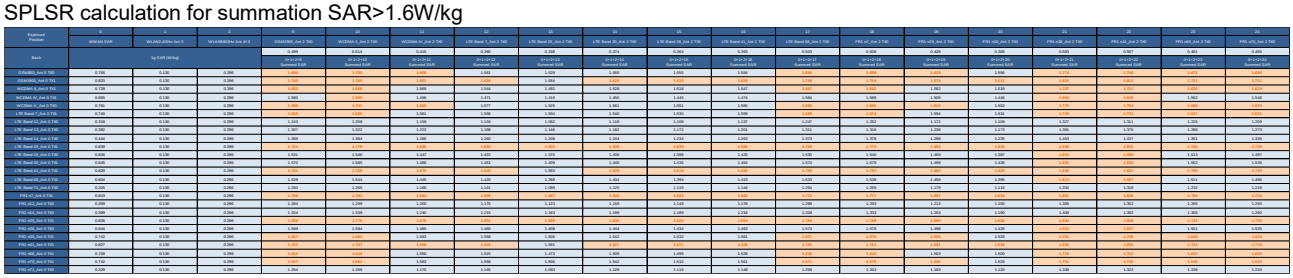
SPLSR calculation for summation SAR>1.6W/kg



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 0	1.426	-53.4	-35.2	-207.0	107.2	1.57	0.02	Not required
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	0.730	-53.4	-35.2	-207.0	118.5	0.99	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	0.990	-53.4	-35.2	-207.0	108.2	1.29	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0	33.5	0.41	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0	64.8	0.44	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0	38.5	0.56	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				

<Case 163>

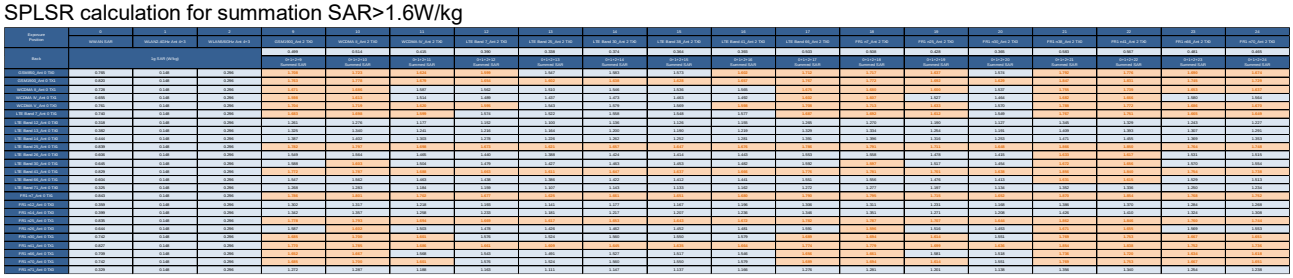
SPLSR calculation for summation SAR>1.6W/kg



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 0	1.426	-53.4	-35.2	-207.0	97.5	1.56	0.02	Not required
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	0.713	-53.4	-35.2	-207.0	118.5	0.97	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	0.973	-53.4	-35.2	-207.0	108.2	1.27	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0	54.9	0.39	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0	18.5	0.43	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0	38.5	0.56	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				

<Case 164>

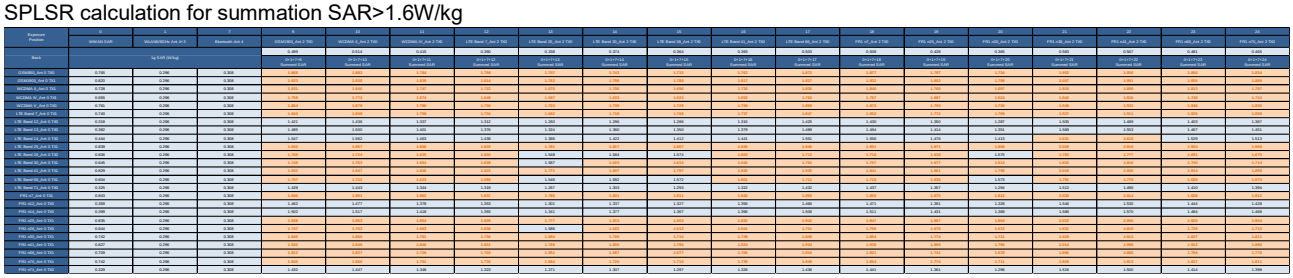
SPLSR calculation for summation SAR>1.6W/kg



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 0	0.844	-53.4	-35.2	-207.0	106.7	0.99	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	0.879	-53.4	-35.2	-207.0	100.2	1.02	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.144	14.0	39.0	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	1.104	-53.4	-35.2	-207.0	118.5	1.37	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	1.139	-53.4	-35.2	-207.0	108.2	1.44	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0	31.7	0.41	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
WLAN2.4G Ant 4+3(3)	0.144	14.0	39.0	-207.0	55.4	0.41	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0	62.8	0.44	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.144	14.0	39.0	-207.0	18.0	0.44	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 4+3(4)	0.148	-54.5	71.5	-207.0	75.8	0.29	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.144	14.0	39.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0	38.5	0.56	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				

<Case 165>

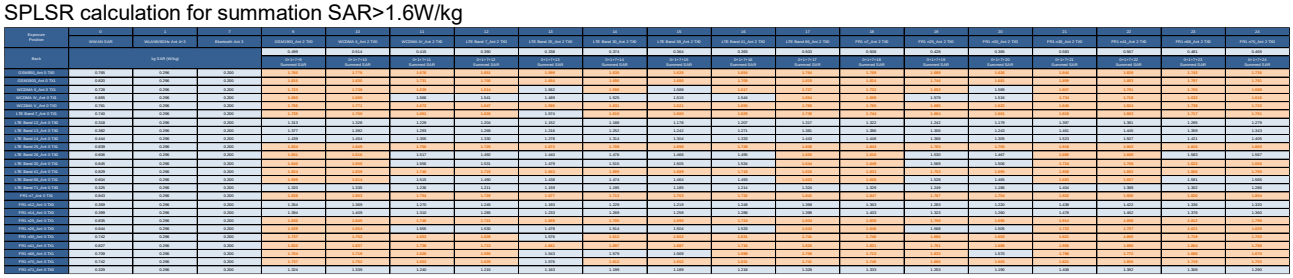
SPLSR calculation for summation SAR>1.6W/kg



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 0	1.426	-53.4	-35.2	-207.0	107.3	1.73	0.02	Not required
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	1.426	-53.4	-35.2	-207.0	118.5	1.69	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	1.426	-53.4	-35.2	-207.0	108.2	1.72	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	34.0	0.57	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	65.3	0.60	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0	38.5	0.56	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				

<Case 166>

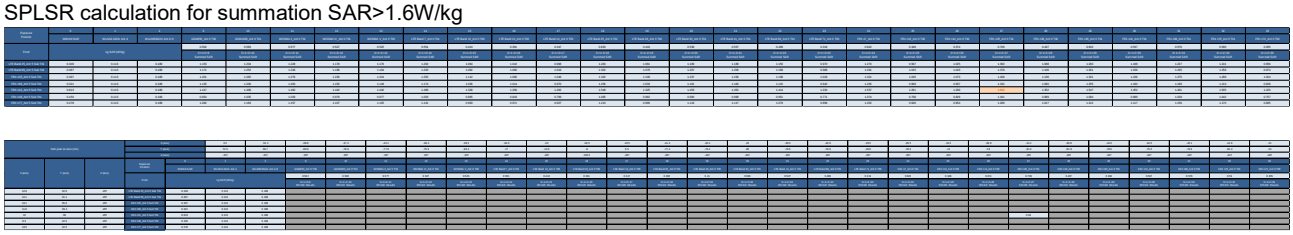
SPLSR calculation for summation SAR>1.6W/kg



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 0	1.426	-53.4	-35.2	-207.0	95.7	1.63	0.02	Not required
Bluetooth Ant 3	0.200	10.0	36.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	1.426	-53.4	-35.2	-207.0	118.5	1.69	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
Max WWAN Ant 2+Max WWAN Ant 0	1.426	-53.4	-35.2	-207.0	108.2	1.72	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
Bluetooth Ant 3	0.200	10.0	36.5	-207.0	54.7	0.46	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0				
Bluetooth Ant 3	0.200	10.0	36.5	-207.0	19.1	0.50	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLAN5/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0	38.5	0.56	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				

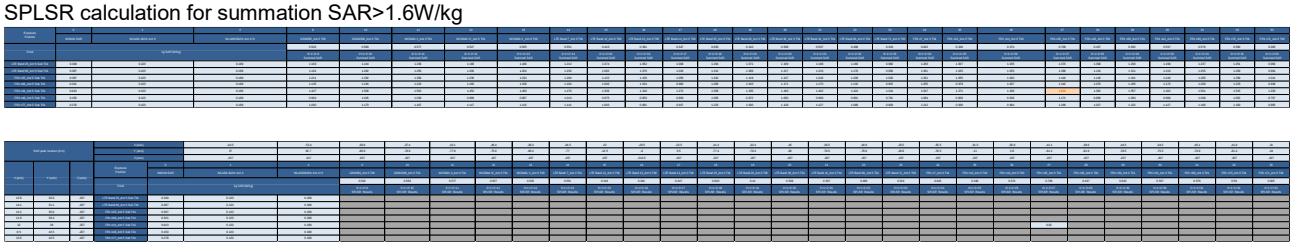
<Case 167>

SPLSR calculation for summation SAR>1.6W/kg



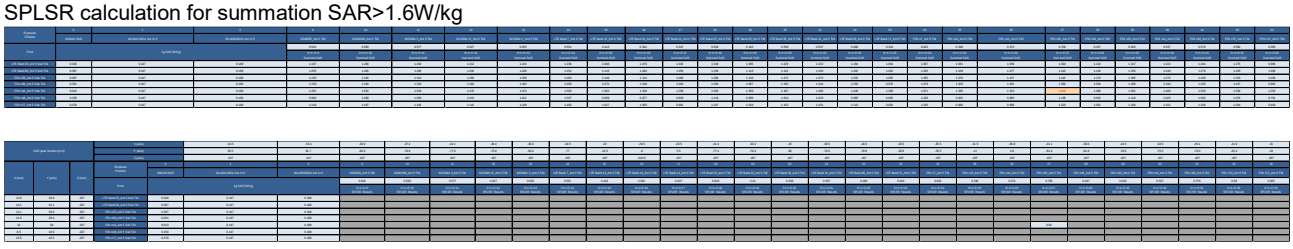
<Case 168>

SPLSR calculation for summation SAR>1.6W/kg



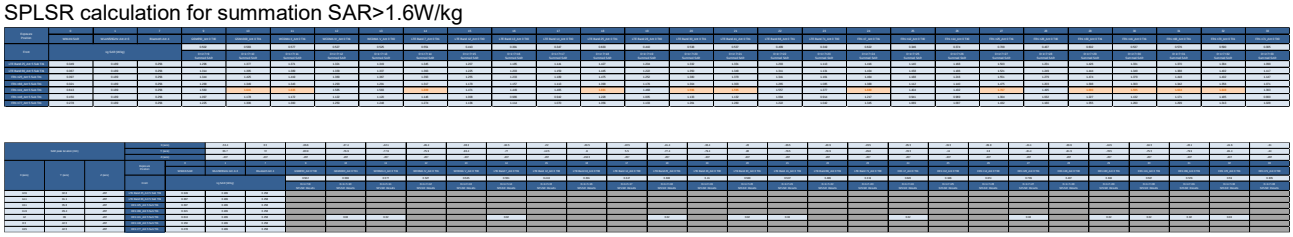
<Case 169>

SPLSR calculation for summation SAR>1.6W/kg



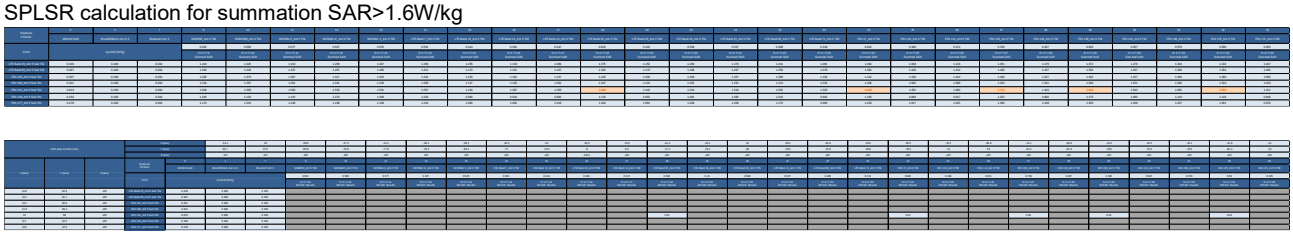
<Case 170>

SPLSR calculation for summation SAR>1.6W/kg



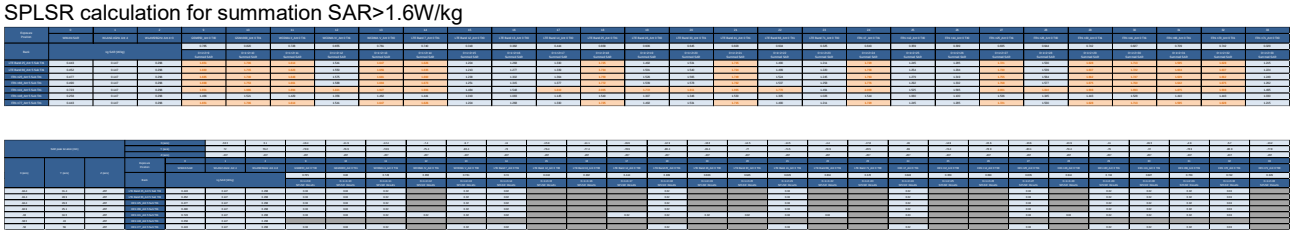
<Case 171>

SPLSR calculation for summation SAR>1.6W/kg



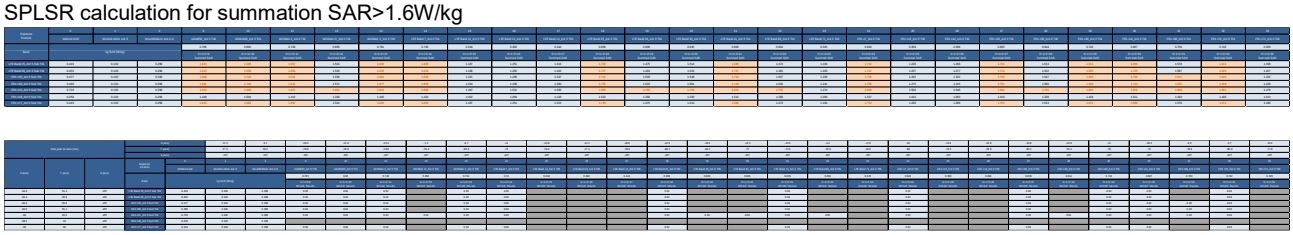
<Case 172>

SPLSR calculation for summation SAR>1.6W/kg



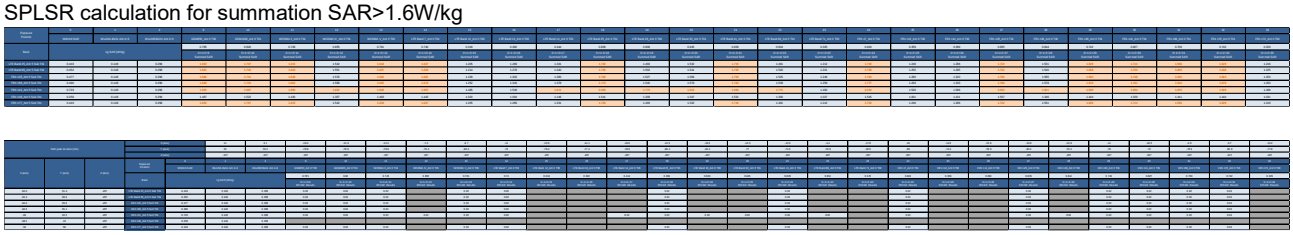
<Case 173>

SPLSR calculation for summation SAR>1.6W/kg



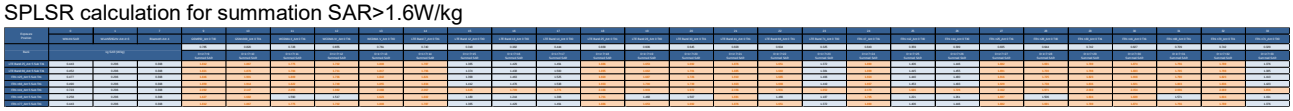
<Case 174>

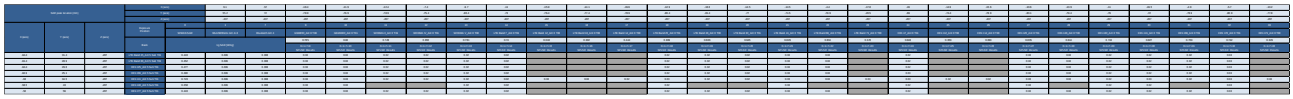
SPLSR calculation for summation SAR>1.6W/kg



<Case 175>

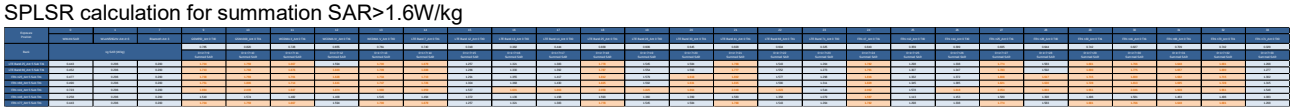
SPLSR calculation for summation SAR>1.6W/kg

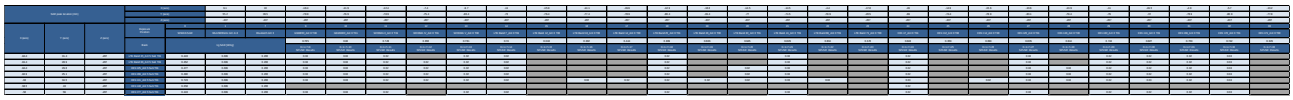




<Case 176>

SPLSR calculation for summation SAR>1.6W/kg





<Case 177>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 0 TX0	0.765	0.147	0.296	1.471	1.519	1.597
GSM1900_Ant 0 TX1	0.820	0.147	0.296	1.526	1.574	1.652
WCDMA II_Ant 0 TX1	0.728	0.147	0.296	1.434	1.482	1.560
WCDMA IV_Ant 0 TX1	0.655	0.147	0.296	1.361	1.409	1.487
WCDMA V_Ant 0 TX0	0.761	0.147	0.296	1.467	1.515	1.593
LTE Band 7_Ant 0 TX1	0.740	0.147	0.296	1.446	1.494	1.572
LTE Band 12_Ant 0 TX0	0.318	0.147	0.296	1.024	1.072	1.150
LTE Band 13_Ant 0 TX0	0.382	0.147	0.296	1.088	1.136	1.214
LTE Band 14_Ant 0 TX0	0.444	0.147	0.296	1.150	1.198	1.276
LTE Band 25_Ant 0 TX1	0.839	0.147	0.296	1.545	1.593	1.671
LTE Band 26_Ant 0 TX0	0.606	0.147	0.296	1.312	1.360	1.438
LTE Band 30_Ant 0 TX1	0.645	0.147	0.296	1.351	1.399	1.477
LTE Band 41_Ant 0 TX1	0.829	0.147	0.296	1.535	1.583	1.661
LTE Band 66_Ant 0 TX1	0.604	0.147	0.296	1.310	1.358	1.436
LTE Band 71_Ant 0 TX0	0.325	0.147	0.296	1.031	1.079	1.157
FR1 n7_Ant 0 TX1	0.843	0.147	0.296	1.549	1.597	1.675
FR1 n12_Ant 0 TX0	0.359	0.147	0.296	1.065	1.113	1.191
FR1 n14_Ant 0 TX0	0.399	0.147	0.296	1.105	1.153	1.231
FR1 n25_Ant 0 TX1	0.835	0.147	0.296	1.541	1.589	1.667
FR1 n26_Ant 0 TX0	0.644	0.147	0.296	1.350	1.398	1.476
FR1 n30_Ant 0 TX1	0.742	0.147	0.296	1.448	1.496	1.574
FR1 n41_Ant 0 TX1	0.827	0.147	0.296	1.533	1.581	1.659
FR1 n66_Ant 0 TX1	0.709	0.147	0.296	1.415	1.463	1.541
FR1 n70_Ant 0 TX1	0.742	0.147	0.296	1.448	1.496	1.574
FR1 n71_Ant 0 TX0	0.329	0.147	0.296	1.035	1.083	1.161

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	32.4	1.23	0.04	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	120.0	0.54	0.00	Not required
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	146.7	0.99	0.01	Not required
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	121.8	0.69	0.00	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	126.2	1.14	0.01	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0	33.5	0.44	0.01	Not required
WLAN5/6G Ant 4+3	0.296	-23.8	79.5	-207.0				

<Case 178>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 0 TX0	0.765	0.130	0.296	1.454	1.502	1.580
GSM1900_Ant 0 TX1	0.820	0.130	0.296	1.509	1.557	1.635
WCDMA II_Ant 0 TX1	0.728	0.130	0.296	1.417	1.465	1.543
WCDMA IV_Ant 0 TX1	0.655	0.130	0.296	1.344	1.392	1.470
WCDMA V_Ant 0 TX0	0.761	0.130	0.296	1.450	1.498	1.576
LTE Band 7_Ant 0 TX1	0.740	0.130	0.296	1.429	1.477	1.555
LTE Band 12_Ant 0 TX0	0.318	0.130	0.296	1.007	1.055	1.133
LTE Band 13_Ant 0 TX0	0.382	0.130	0.296	1.071	1.119	1.197
LTE Band 14_Ant 0 TX0	0.444	0.130	0.296	1.133	1.181	1.259
LTE Band 25_Ant 0 TX1	0.839	0.130	0.296	1.528	1.576	1.654
LTE Band 26_Ant 0 TX0	0.606	0.130	0.296	1.295	1.343	1.421
LTE Band 30_Ant 0 TX1	0.645	0.130	0.296	1.334	1.382	1.460
LTE Band 41_Ant 0 TX1	0.829	0.130	0.296	1.518	1.566	1.644
LTE Band 66_Ant 0 TX1	0.604	0.130	0.296	1.293	1.341	1.419
LTE Band 71_Ant 0 TX0	0.325	0.130	0.296	1.014	1.062	1.140
FR1 n7_Ant 0 TX1	0.843	0.130	0.296	1.532	1.580	1.658
FR1 n12_Ant 0 TX0	0.359	0.130	0.296	1.048	1.096	1.174
FR1 n14_Ant 0 TX0	0.399	0.130	0.296	1.088	1.136	1.214
FR1 n25_Ant 0 TX1	0.835	0.130	0.296	1.524	1.572	1.650
FR1 n26_Ant 0 TX0	0.644	0.130	0.296	1.333	1.381	1.459
FR1 n30_Ant 0 TX1	0.742	0.130	0.296	1.431	1.479	1.557
FR1 n41_Ant 0 TX1	0.827	0.130	0.296	1.516	1.564	1.642
FR1 n66_Ant 0 TX1	0.709	0.130	0.296	1.398	1.446	1.524
FR1 n70_Ant 0 TX1	0.742	0.130	0.296	1.431	1.479	1.557
FR1 n71_Ant 0 TX0	0.329	0.130	0.296	1.018	1.066	1.144

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	32.4	1.23	0.04	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	117.7	0.52	0.00	Not required
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	110.0	0.97	0.01	Not required
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0				
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	130.9	0.69	0.00	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	126.2	1.14	0.01	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0	18.5	0.43	0.02	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				

<Case 179>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 0 TX0	0.765	0.148	0.296	1.472	1.520	1.598
GSM1900_Ant 0 TX1	0.820	0.148	0.296	1.527	1.575	1.653
WCDMA II_Ant 0 TX1	0.728	0.148	0.296	1.435	1.483	1.561
WCDMA IV_Ant 0 TX1	0.655	0.148	0.296	1.362	1.410	1.488
WCDMA V_Ant 0 TX0	0.761	0.148	0.296	1.468	1.516	1.594
LTE Band 7_Ant 0 TX1	0.740	0.148	0.296	1.447	1.495	1.573
LTE Band 12_Ant 0 TX0	0.318	0.148	0.296	1.025	1.073	1.151
LTE Band 13_Ant 0 TX0	0.382	0.148	0.296	1.089	1.137	1.215
LTE Band 14_Ant 0 TX0	0.444	0.148	0.296	1.151	1.199	1.277
LTE Band 25_Ant 0 TX1	0.839	0.148	0.296	1.546	1.594	1.672
LTE Band 26_Ant 0 TX0	0.606	0.148	0.296	1.313	1.361	1.439
LTE Band 30_Ant 0 TX1	0.645	0.148	0.296	1.352	1.400	1.478
LTE Band 41_Ant 0 TX1	0.829	0.148	0.296	1.536	1.584	1.662
LTE Band 66_Ant 0 TX1	0.604	0.148	0.296	1.311	1.359	1.437
LTE Band 71_Ant 0 TX0	0.325	0.148	0.296	1.032	1.080	1.158
FR1 n7_Ant 0 TX1	0.843	0.148	0.296	1.550	1.598	1.676
FR1 n12_Ant 0 TX0	0.359	0.148	0.296	1.066	1.114	1.192
FR1 n14_Ant 0 TX0	0.399	0.148	0.296	1.106	1.154	1.232
FR1 n25_Ant 0 TX1	0.835	0.148	0.296	1.542	1.590	1.668
FR1 n26_Ant 0 TX0	0.644	0.148	0.296	1.351	1.399	1.477
FR1 n30_Ant 0 TX1	0.742	0.148	0.296	1.449	1.497	1.575
FR1 n41_Ant 0 TX1	0.827	0.148	0.296	1.534	1.582	1.660
FR1 n66_Ant 0 TX1	0.709	0.148	0.296	1.416	1.464	1.542
FR1 n70_Ant 0 TX1	0.742	0.148	0.296	1.449	1.497	1.575
FR1 n71_Ant 0 TX0	0.329	0.148	0.296	1.036	1.084	1.162

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	32.4	1.23	0.04	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	113.2	0.54	0.00	Not required
WLAN2.4G Ant 4+3	0.148	14.0	39.0	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	112.1	0.99	0.01	Not required
WLAN2.4G Ant 4+3	0.148	14.0	39.0	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	121.8	0.69	0.00	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	126.2	1.14	0.01	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
WLAN2.4G Ant 4+3	0.148	14.0	39.0	-207.0	18.0	0.44	0.02	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				

<Case 180>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263 0+1+7+9 Summed SAR	0.311 0+1+7+10 Summed SAR	0.389 0+1+7+11 Summed SAR
GSM850_Ant 0 TX0	0.765	0.296	0.308	1.632	1.680	1.758
GSM1900_Ant 0 TX1	0.820	0.296	0.308	1.687	1.735	1.813
WCDMA II_Ant 0 TX1	0.728	0.296	0.308	1.595	1.643	1.721
WCDMA IV_Ant 0 TX1	0.655	0.296	0.308	1.522	1.570	1.648
WCDMA V_Ant 0 TX0	0.761	0.296	0.308	1.628	1.676	1.754
LTE Band 7_Ant 0 TX1	0.740	0.296	0.308	1.607	1.655	1.733
LTE Band 12_Ant 0 TX0	0.318	0.296	0.308	1.185	1.233	1.311
LTE Band 13_Ant 0 TX0	0.382	0.296	0.308	1.249	1.297	1.375
LTE Band 14_Ant 0 TX0	0.444	0.296	0.308	1.311	1.359	1.437
LTE Band 25_Ant 0 TX1	0.839	0.296	0.308	1.706	1.754	1.832
LTE Band 26_Ant 0 TX0	0.606	0.296	0.308	1.473	1.521	1.599
LTE Band 30_Ant 0 TX1	0.645	0.296	0.308	1.512	1.560	1.638
LTE Band 41_Ant 0 TX1	0.829	0.296	0.308	1.696	1.744	1.822
LTE Band 66_Ant 0 TX1	0.604	0.296	0.308	1.471	1.519	1.597
LTE Band 71_Ant 0 TX0	0.325	0.296	0.308	1.192	1.240	1.318
FR1 n7_Ant 0 TX1	0.843	0.296	0.308	1.710	1.758	1.836
FR1 n12_Ant 0 TX0	0.359	0.296	0.308	1.226	1.274	1.352
FR1 n14_Ant 0 TX0	0.399	0.296	0.308	1.266	1.314	1.392
FR1 n25_Ant 0 TX1	0.835	0.296	0.308	1.702	1.750	1.828
FR1 n26_Ant 0 TX0	0.644	0.296	0.308	1.511	1.559	1.637
FR1 n30_Ant 0 TX1	0.742	0.296	0.308	1.609	1.657	1.735
FR1 n41_Ant 0 TX1	0.827	0.296	0.308	1.694	1.742	1.820
FR1 n66_Ant 0 TX1	0.709	0.296	0.308	1.576	1.624	1.702
FR1 n70_Ant 0 TX1	0.742	0.296	0.308	1.609	1.657	1.735
FR1 n71_Ant 0 TX0	0.329	0.296	0.308	1.196	1.244	1.322

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	32.4	1.23	0.04	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	120.0	0.70	0.00	Not required
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	146.8	1.15	0.01	Not required
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	121.8	0.69	0.00	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	126.2	1.14	0.01	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	34.0	0.60	0.01	Not required
WLAN5/6G Ant 4+3	0.296	-23.8	79.5	-207.0				

<Case 181>

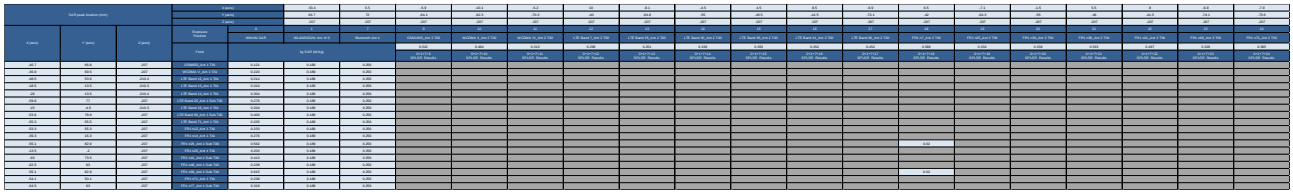
SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 0 TX0	0.765	0.296	0.200	1.524	1.572	1.650
GSM1900_Ant 0 TX1	0.820	0.296	0.200	1.579	1.627	1.705
WCDMA II_Ant 0 TX1	0.728	0.296	0.200	1.487	1.535	1.613
WCDMA IV_Ant 0 TX1	0.655	0.296	0.200	1.414	1.462	1.540
WCDMA V_Ant 0 TX0	0.761	0.296	0.200	1.520	1.568	1.646
LTE Band 7_Ant 0 TX1	0.740	0.296	0.200	1.499	1.547	1.625
LTE Band 12_Ant 0 TX0	0.318	0.296	0.200	1.077	1.125	1.203
LTE Band 13_Ant 0 TX0	0.382	0.296	0.200	1.141	1.189	1.267
LTE Band 14_Ant 0 TX0	0.444	0.296	0.200	1.203	1.251	1.329
LTE Band 25_Ant 0 TX1	0.839	0.296	0.200	1.598	1.646	1.724
LTE Band 26_Ant 0 TX0	0.606	0.296	0.200	1.365	1.413	1.491
LTE Band 30_Ant 0 TX1	0.645	0.296	0.200	1.404	1.452	1.530
LTE Band 41_Ant 0 TX1	0.829	0.296	0.200	1.588	1.636	1.714
LTE Band 66_Ant 0 TX1	0.604	0.296	0.200	1.363	1.411	1.489
LTE Band 71_Ant 0 TX0	0.325	0.296	0.200	1.084	1.132	1.210
FR1 n7_Ant 0 TX1	0.843	0.296	0.200	1.602	1.650	1.728
FR1 n12_Ant 0 TX0	0.359	0.296	0.200	1.118	1.166	1.244
FR1 n14_Ant 0 TX0	0.399	0.296	0.200	1.158	1.206	1.284
FR1 n25_Ant 0 TX1	0.835	0.296	0.200	1.594	1.642	1.720
FR1 n26_Ant 0 TX0	0.644	0.296	0.200	1.403	1.451	1.529
FR1 n30_Ant 0 TX1	0.742	0.296	0.200	1.501	1.549	1.627
FR1 n41_Ant 0 TX1	0.827	0.296	0.200	1.586	1.634	1.712
FR1 n66_Ant 0 TX1	0.709	0.296	0.200	1.468	1.516	1.594
FR1 n70_Ant 0 TX1	0.742	0.296	0.200	1.501	1.549	1.627
FR1 n71_Ant 0 TX0	0.329	0.296	0.200	1.088	1.136	1.214

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0	32.4	1.23	0.04	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	108.8	0.59	0.00	Not required
Bluetooth Ant 3	0.200	10.0	36.5	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	108.7	1.04	0.01	Not required
Bluetooth Ant 3	0.200	10.0	36.5	-207.0				
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0	121.8	0.69	0.00	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0	126.2	1.14	0.01	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				
Bluetooth Ant 3	0.200	10.0	36.5	-207.0	19.1	0.50	0.02	Not required
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0				

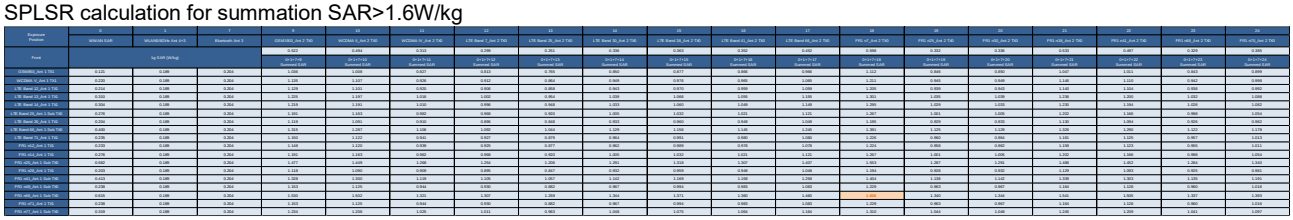
<Case 182>

SPLSR calculation for summation SAR>1.6W/kg



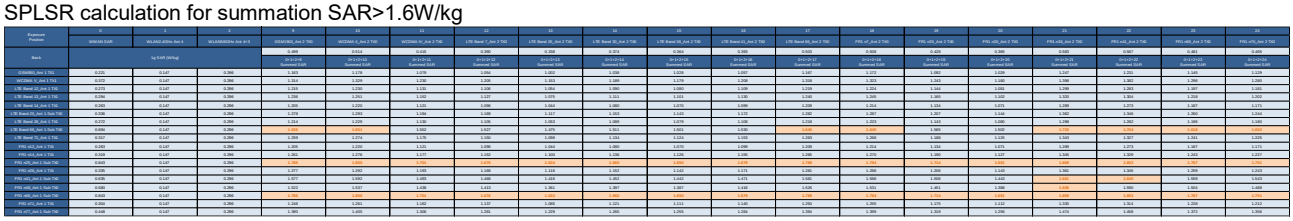
<Case 183>

SPLSR calculation for summation SAR>1.6W/kg



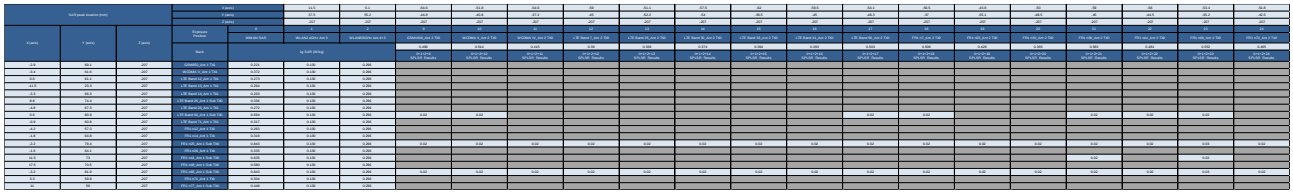
<Case 184>

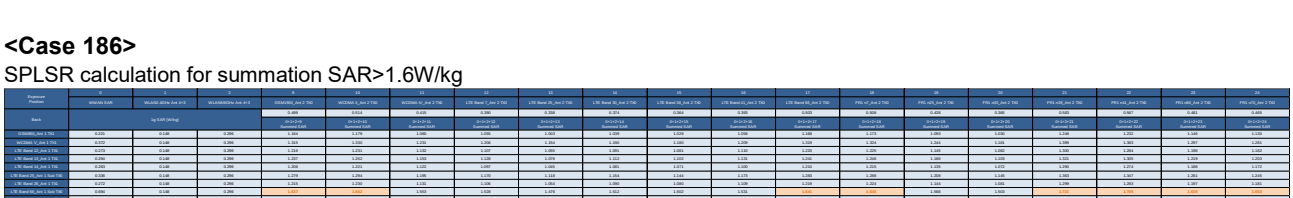
SPLSR calculation for summation SAR>1.6W/kg



<Case 185>

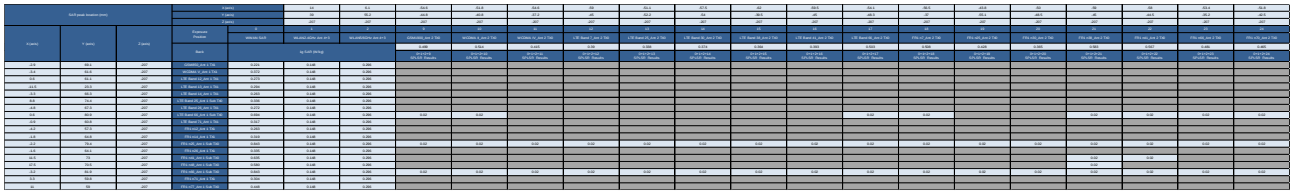
SPLSR calculation for summation SAR>1.6W/kg





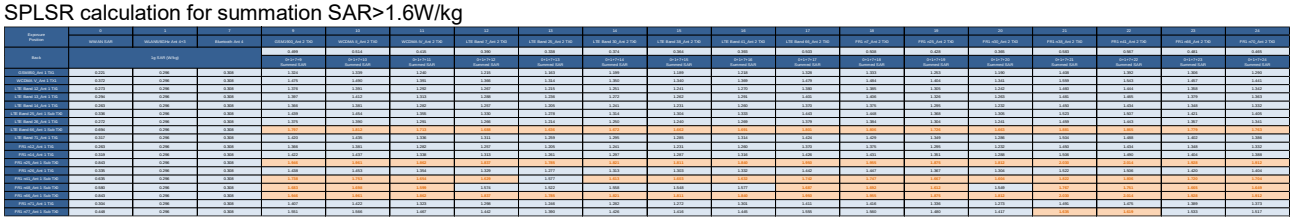
<Case 186>

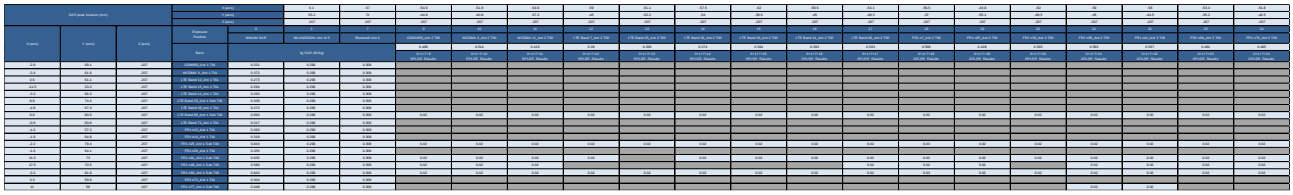
SPLSR calculation for summation SAR>1.6W/kg



<Case 187>

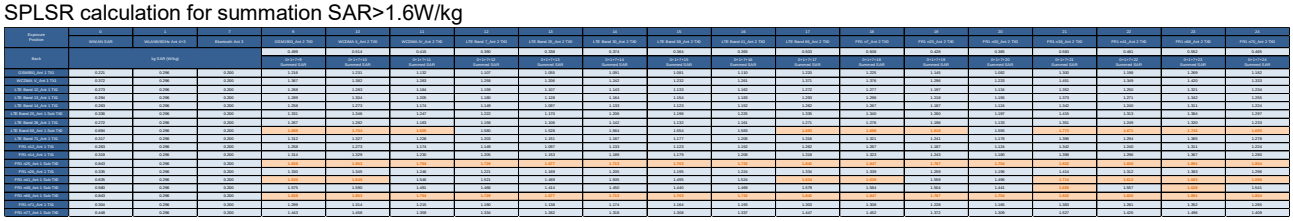
SPLSR calculation for summation SAR>1.6W/kg

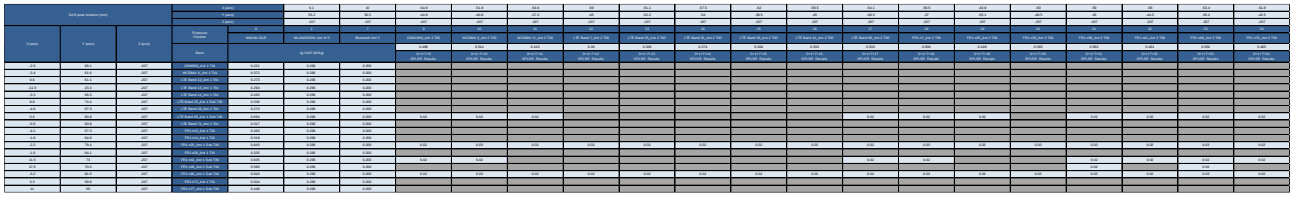




<Case 188>

SPLSR calculation for summation SAR>1.6W/kg





<Case 189>

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)			0.322	0.350	0.488
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.147	0.296	0.986	1.014	1.152
WCDMA V_Ant 1 TX1	0.372	0.147	0.296	1.137	1.165	1.303
LTE Band 12_Ant 1 TX1	0.273	0.147	0.296	1.038	1.066	1.204
LTE Band 13_Ant 1 TX1	0.294	0.147	0.296	1.059	1.087	1.225
LTE Band 14_Ant 1 TX1	0.263	0.147	0.296	1.028	1.056	1.194
LTE Band 25_Ant 1 Sub TX0	0.336	0.147	0.296	1.101	1.129	1.267
LTE Band 26_Ant 1 TX1	0.272	0.147	0.296	1.037	1.065	1.203
LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.296	1.459	1.487	1.625
LTE Band 71_Ant 1 TX1	0.317	0.147	0.296	1.082	1.110	1.248
FR1 n12_Ant 1 TX1	0.263	0.147	0.296	1.028	1.056	1.194
FR1 n14_Ant 1 TX1	0.319	0.147	0.296	1.084	1.112	1.250
FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.296	1.608	1.636	1.774
FR1 n26_Ant 1 TX1	0.335	0.147	0.296	1.100	1.128	1.266
FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.296	1.400	1.428	1.566
FR1 n48_Ant 1 Sub TX0	0.580	0.147	0.296	1.345	1.373	1.511
FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.296	1.608	1.636	1.774
FR1 n71_Ant 1 TX1	0.304	0.147	0.296	1.069	1.097	1.235
FR1 n77_Ant 1 Sub TX0	0.448	0.147	0.296	1.213	1.241	1.379

SAR peak location (mm)			X (axis)	-56.5	6.1	13	13.5	9
			Y (axis)	72	55.2	-54	-56	-45
			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	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)			0.322	0.35	0.488
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.147	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.147	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.147	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.147	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.147	0.296			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.147	0.296			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.147	0.296			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.296			0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.147	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.147	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.147	0.296			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.296	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.147	0.296			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.296			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.147	0.296			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.296	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.147	0.296			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.147	0.296			

<Case 190>

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)			0.322	0.350	0.488
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.130	0.296	0.969	0.997	1.135
WCDMA V_Ant 1 TX1	0.372	0.130	0.296	1.120	1.148	1.286
LTE Band 12_Ant 1 TX1	0.273	0.130	0.296	1.021	1.049	1.187
LTE Band 13_Ant 1 TX1	0.294	0.130	0.296	1.042	1.070	1.208
LTE Band 14_Ant 1 TX1	0.263	0.130	0.296	1.011	1.039	1.177
LTE Band 25_Ant 1 Sub TX0	0.336	0.130	0.296	1.084	1.112	1.250
LTE Band 26_Ant 1 TX1	0.272	0.130	0.296	1.020	1.048	1.186
LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.296	1.442	1.470	1.608
LTE Band 71_Ant 1 TX1	0.317	0.130	0.296	1.065	1.093	1.231
FR1 n12_Ant 1 TX1	0.263	0.130	0.296	1.011	1.039	1.177
FR1 n14_Ant 1 TX1	0.319	0.130	0.296	1.067	1.095	1.233
FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.296	1.591	1.619	1.757
FR1 n26_Ant 1 TX1	0.335	0.130	0.296	1.083	1.111	1.249
FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.296	1.383	1.411	1.549
FR1 n48_Ant 1 Sub TX0	0.580	0.130	0.296	1.328	1.356	1.494
FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.296	1.591	1.619	1.757
FR1 n71_Ant 1 TX1	0.304	0.130	0.296	1.052	1.080	1.218
FR1 n77_Ant 1 Sub TX0	0.448	0.130	0.296	1.196	1.224	1.362

SAR peak location (mm)			X (axis)	11.5	6.1	13	13.5	9
			Y (axis)	37.5	55.2	-54	-56	-45
			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 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)			0.322	0.35	0.488
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.130	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.130	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.130	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.130	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.130	0.296			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.130	0.296			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.130	0.296			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.296			0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.130	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.130	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.130	0.296			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.296		0.02	0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.130	0.296			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.296			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.130	0.296			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.296		0.02	0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.130	0.296			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.130	0.296			

<Case 191>

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)			0.322	0.350	0.488
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.148	0.296	0.987	1.015	1.153
WCDMA V_Ant 1 TX1	0.372	0.148	0.296	1.138	1.166	1.304
LTE Band 12_Ant 1 TX1	0.273	0.148	0.296	1.039	1.067	1.205
LTE Band 13_Ant 1 TX1	0.294	0.148	0.296	1.060	1.088	1.226
LTE Band 14_Ant 1 TX1	0.263	0.148	0.296	1.029	1.057	1.195
LTE Band 25_Ant 1 Sub TX0	0.336	0.148	0.296	1.102	1.130	1.268
LTE Band 26_Ant 1 TX1	0.272	0.148	0.296	1.038	1.066	1.204
LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.296	1.460	1.488	1.626
LTE Band 71_Ant 1 TX1	0.317	0.148	0.296	1.083	1.111	1.249
FR1 n12_Ant 1 TX1	0.263	0.148	0.296	1.029	1.057	1.195
FR1 n14_Ant 1 TX1	0.319	0.148	0.296	1.085	1.113	1.251
FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.296	1.609	1.637	1.775
FR1 n26_Ant 1 TX1	0.335	0.148	0.296	1.101	1.129	1.267
FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.296	1.401	1.429	1.567
FR1 n48_Ant 1 Sub TX0	0.580	0.148	0.296	1.346	1.374	1.512
FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.296	1.609	1.637	1.775
FR1 n71_Ant 1 TX1	0.304	0.148	0.296	1.070	1.098	1.236
FR1 n77_Ant 1 Sub TX0	0.448	0.148	0.296	1.214	1.242	1.380

SAR peak location (mm)			X (axis)	14	6.1	13	13.5	9
			Y (axis)	39	55.2	-54	-56	-45
			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)			0.322	0.35	0.488
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.148	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.148	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.148	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.148	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.148	0.296			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.148	0.296			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.148	0.296			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.296			0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.148	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.148	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.148	0.296			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.296	0.02	0.02	0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.148	0.296			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.296			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.148	0.296			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.296	0.02	0.02	0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.148	0.296			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.148	0.296			

<Case 192>

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)			0.322	0.350	0.488
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.296	0.308	1.147	1.175	1.313
WCDMA V_Ant 1 TX1	0.372	0.296	0.308	1.298	1.326	1.464
LTE Band 12_Ant 1 TX1	0.273	0.296	0.308	1.199	1.227	1.365
LTE Band 13_Ant 1 TX1	0.294	0.296	0.308	1.220	1.248	1.386
LTE Band 14_Ant 1 TX1	0.263	0.296	0.308	1.189	1.217	1.355
LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.308	1.262	1.290	1.428
LTE Band 26_Ant 1 TX1	0.272	0.296	0.308	1.198	1.226	1.364
LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.308	1.620	1.648	1.786
LTE Band 71_Ant 1 TX1	0.317	0.296	0.308	1.243	1.271	1.409
FR1 n12_Ant 1 TX1	0.263	0.296	0.308	1.189	1.217	1.355
FR1 n14_Ant 1 TX1	0.319	0.296	0.308	1.245	1.273	1.411
FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.308	1.769	1.797	1.935
FR1 n26_Ant 1 TX1	0.335	0.296	0.308	1.261	1.289	1.427
FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.308	1.561	1.589	1.727
FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.308	1.506	1.534	1.672
FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.308	1.769	1.797	1.935
FR1 n71_Ant 1 TX1	0.304	0.296	0.308	1.230	1.258	1.396
FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.308	1.374	1.402	1.540

SAR peak location (mm)			X (axis)	6.1	-57	13	13.5	9
			Y (axis)	55.2	72	-54	-56	-45
			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)			0.322	0.35	0.488
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.296	0.308			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.296	0.308			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.296	0.308			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.296	0.308			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.296	0.308			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.308			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.296	0.308			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.308	0.02	0.02	0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.296	0.308			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.296	0.308			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.296	0.308			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.308	0.02	0.02	0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.296	0.308			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.308			0.02
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.308			0.02
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.308	0.02	0.02	0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.296	0.308			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.308			

<Case 193>

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)			0.322	0.350	0.488
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.296	0.200	1.039	1.067	1.205
WCDMA V_Ant 1 TX1	0.372	0.296	0.200	1.190	1.218	1.356
LTE Band 12_Ant 1 TX1	0.273	0.296	0.200	1.091	1.119	1.257
LTE Band 13_Ant 1 TX1	0.294	0.296	0.200	1.112	1.140	1.278
LTE Band 14_Ant 1 TX1	0.263	0.296	0.200	1.081	1.109	1.247
LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.200	1.154	1.182	1.320
LTE Band 26_Ant 1 TX1	0.272	0.296	0.200	1.090	1.118	1.256
LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.200	1.512	1.540	1.678
LTE Band 71_Ant 1 TX1	0.317	0.296	0.200	1.135	1.163	1.301
FR1 n12_Ant 1 TX1	0.263	0.296	0.200	1.081	1.109	1.247
FR1 n14_Ant 1 TX1	0.319	0.296	0.200	1.137	1.165	1.303
FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.200	1.661	1.689	1.827
FR1 n26_Ant 1 TX1	0.335	0.296	0.200	1.153	1.181	1.319
FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.200	1.453	1.481	1.619
FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.200	1.398	1.426	1.564
FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.200	1.661	1.689	1.827
FR1 n71_Ant 1 TX1	0.304	0.296	0.200	1.122	1.150	1.288
FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.200	1.266	1.294	1.432

SAR peak location (mm)			X (axis)	6.1	10	13	13.5	9
			Y (axis)	55.2	36.5	-54	-56	-45
			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)			0.322	0.35	0.488
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.296	0.200			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.296	0.200			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.296	0.200			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.296	0.200			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.296	0.200			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.200			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.296	0.200			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.200			0.03
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.296	0.200			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.296	0.200			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.296	0.200			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.200	0.02	0.02	0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.296	0.200			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.200			0.03
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.200			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.200	0.02	0.02	0.03
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.296	0.200			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.200			

<Case 194>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263 0+1+2+9 Summed SAR	0.311 0+1+2+10 Summed SAR	0.389 0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.147	0.296	0.927	0.975	1.053
WCDMA V_Ant 1 TX1	0.372	0.147	0.296	1.078	1.126	1.204
LTE Band 12_Ant 1 TX1	0.273	0.147	0.296	0.979	1.027	1.105
LTE Band 13_Ant 1 TX1	0.294	0.147	0.296	1.000	1.048	1.126
LTE Band 14_Ant 1 TX1	0.263	0.147	0.296	0.969	1.017	1.095
LTE Band 25_Ant 1 Sub TX0	0.336	0.147	0.296	1.042	1.090	1.168
LTE Band 26_Ant 1 TX1	0.272	0.147	0.296	0.978	1.026	1.104
LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.296	1.400	1.448	1.526
LTE Band 71_Ant 1 TX1	0.317	0.147	0.296	1.023	1.071	1.149
FR1 n12_Ant 1 TX1	0.263	0.147	0.296	0.969	1.017	1.095
FR1 n14_Ant 1 TX1	0.319	0.147	0.296	1.025	1.073	1.151
FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.296	1.549	1.597	1.675
FR1 n26_Ant 1 TX1	0.335	0.147	0.296	1.041	1.089	1.167
FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.296	1.341	1.389	1.467
FR1 n48_Ant 1 Sub TX0	0.580	0.147	0.296	1.286	1.334	1.412
FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.296	1.549	1.597	1.675
FR1 n71_Ant 1 TX1	0.304	0.147	0.296	1.010	1.058	1.136
FR1 n77_Ant 1 Sub TX0	0.448	0.147	0.296	1.154	1.202	1.280

SAR peak location (mm)			X (axis)	-56.5	6.1	-57.5	-58.5	-48
			Y (axis)	72	55.2	-51	-48	-64
			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	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263 0+1+2+9 SPLSR Results	0.311 0+1+2+10 SPLSR Results	0.389 0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.147	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.147	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.147	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.147	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.147	0.296			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.147	0.296			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.147	0.296			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.147	0.296			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.147	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.147	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.147	0.296			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.147	0.296		0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.147	0.296			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.147	0.296			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.147	0.296			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.147	0.296		0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.147	0.296			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.147	0.296			

<Case 195>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263 0+1+2+9 Summed SAR	0.311 0+1+2+10 Summed SAR	0.389 0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.130	0.296	0.910	0.958	1.036
WCDMA V_Ant 1 TX1	0.372	0.130	0.296	1.061	1.109	1.187
LTE Band 12_Ant 1 TX1	0.273	0.130	0.296	0.962	1.010	1.088
LTE Band 13_Ant 1 TX1	0.294	0.130	0.296	0.983	1.031	1.109
LTE Band 14_Ant 1 TX1	0.263	0.130	0.296	0.952	1.000	1.078
LTE Band 25_Ant 1 Sub TX0	0.336	0.130	0.296	1.025	1.073	1.151
LTE Band 26_Ant 1 TX1	0.272	0.130	0.296	0.961	1.009	1.087
LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.296	1.383	1.431	1.509
LTE Band 71_Ant 1 TX1	0.317	0.130	0.296	1.006	1.054	1.132
FR1 n12_Ant 1 TX1	0.263	0.130	0.296	0.952	1.000	1.078
FR1 n14_Ant 1 TX1	0.319	0.130	0.296	1.008	1.056	1.134
FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.296	1.532	1.580	1.658
FR1 n26_Ant 1 TX1	0.335	0.130	0.296	1.024	1.072	1.150
FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.296	1.324	1.372	1.450
FR1 n48_Ant 1 Sub TX0	0.580	0.130	0.296	1.269	1.317	1.395
FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.296	1.532	1.580	1.658
FR1 n71_Ant 1 TX1	0.304	0.130	0.296	0.993	1.041	1.119
FR1 n77_Ant 1 Sub TX0	0.448	0.130	0.296	1.137	1.185	1.263

SAR peak location (mm)			X (axis)	11.5	6.1	-57.5	-58.5	-48
			Y (axis)	37.5	55.2	-51	-48	-64
			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 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263 0+1+2+9 SPLSR Results	0.311 0+1+2+10 SPLSR Results	0.389 0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.130	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.130	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.130	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.130	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.130	0.296			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.130	0.296			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.130	0.296			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.130	0.296			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.130	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.130	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.130	0.296			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.130	0.296			0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.130	0.296			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.130	0.296			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.130	0.296			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.130	0.296			0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.130	0.296			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.130	0.296			

<Case 196>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.148	0.296	0.928	0.976	1.054
WCDMA V_Ant 1 TX1	0.372	0.148	0.296	1.079	1.127	1.205
LTE Band 12_Ant 1 TX1	0.273	0.148	0.296	0.980	1.028	1.106
LTE Band 13_Ant 1 TX1	0.294	0.148	0.296	1.001	1.049	1.127
LTE Band 14_Ant 1 TX1	0.263	0.148	0.296	0.970	1.018	1.096
LTE Band 25_Ant 1 Sub TX0	0.336	0.148	0.296	1.043	1.091	1.169
LTE Band 26_Ant 1 TX1	0.272	0.148	0.296	0.979	1.027	1.105
LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.296	1.401	1.449	1.527
LTE Band 71_Ant 1 TX1	0.317	0.148	0.296	1.024	1.072	1.150
FR1 n12_Ant 1 TX1	0.263	0.148	0.296	0.970	1.018	1.096
FR1 n14_Ant 1 TX1	0.319	0.148	0.296	1.026	1.074	1.152
FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.296	1.550	1.598	1.676
FR1 n26_Ant 1 TX1	0.335	0.148	0.296	1.042	1.090	1.168
FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.296	1.342	1.390	1.468
FR1 n48_Ant 1 Sub TX0	0.580	0.148	0.296	1.287	1.335	1.413
FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.296	1.550	1.598	1.676
FR1 n71_Ant 1 TX1	0.304	0.148	0.296	1.011	1.059	1.137
FR1 n77_Ant 1 Sub TX0	0.448	0.148	0.296	1.155	1.203	1.281

SAR peak location (mm)			X (axis)	14	6.1	-57.5	-58.5	-48
			Y (axis)	39	55.2	-51	-48	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.311	0.389
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.148	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.148	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.148	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.148	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.148	0.296			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.148	0.296			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.148	0.296			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.148	0.296			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.148	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.148	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.148	0.296			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.148	0.296		0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.148	0.296			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.148	0.296			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.148	0.296			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.148	0.296		0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.148	0.296			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.148	0.296			

<Case 197>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263 0+1+7+9 Summed SAR	0.311 0+1+7+10 Summed SAR	0.389 0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.296	0.308	1.088	1.136	1.214
WCDMA V_Ant 1 TX1	0.372	0.296	0.308	1.239	1.287	1.365
LTE Band 12_Ant 1 TX1	0.273	0.296	0.308	1.140	1.188	1.266
LTE Band 13_Ant 1 TX1	0.294	0.296	0.308	1.161	1.209	1.287
LTE Band 14_Ant 1 TX1	0.263	0.296	0.308	1.130	1.178	1.256
LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.308	1.203	1.251	1.329
LTE Band 26_Ant 1 TX1	0.272	0.296	0.308	1.139	1.187	1.265
LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.308	1.561	1.609	1.687
LTE Band 71_Ant 1 TX1	0.317	0.296	0.308	1.184	1.232	1.310
FR1 n12_Ant 1 TX1	0.263	0.296	0.308	1.130	1.178	1.256
FR1 n14_Ant 1 TX1	0.319	0.296	0.308	1.186	1.234	1.312
FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.308	1.710	1.758	1.836
FR1 n26_Ant 1 TX1	0.335	0.296	0.308	1.202	1.250	1.328
FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.308	1.502	1.550	1.628
FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.308	1.447	1.495	1.573
FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.308	1.710	1.758	1.836
FR1 n71_Ant 1 TX1	0.304	0.296	0.308	1.171	1.219	1.297
FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.308	1.315	1.363	1.441

SAR peak location (mm)			X (axis)	6.1	-57	-57.5	-58.5	-48
			Y (axis)	55.2	72	-51	-48	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263 0+1+7+9 SPLSR Results	0.311 0+1+7+10 SPLSR Results	0.389 0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.296	0.308			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.296	0.308			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.296	0.308			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.296	0.308			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.296	0.308			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.308			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.296	0.308			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.308		0.02	0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.296	0.308			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.296	0.308			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.296	0.308			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.308	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.296	0.308			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.308			0.02
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.308			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.308	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.296	0.308			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.308			

<Case 198>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.221	0.296	0.200	0.980	1.028	1.106
WCDMA V_Ant 1 TX1	0.372	0.296	0.200	1.131	1.179	1.257
LTE Band 12_Ant 1 TX1	0.273	0.296	0.200	1.032	1.080	1.158
LTE Band 13_Ant 1 TX1	0.294	0.296	0.200	1.053	1.101	1.179
LTE Band 14_Ant 1 TX1	0.263	0.296	0.200	1.022	1.070	1.148
LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.200	1.095	1.143	1.221
LTE Band 26_Ant 1 TX1	0.272	0.296	0.200	1.031	1.079	1.157
LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.200	1.453	1.501	1.579
LTE Band 71_Ant 1 TX1	0.317	0.296	0.200	1.076	1.124	1.202
FR1 n12_Ant 1 TX1	0.263	0.296	0.200	1.022	1.070	1.148
FR1 n14_Ant 1 TX1	0.319	0.296	0.200	1.078	1.126	1.204
FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.200	1.602	1.650	1.728
FR1 n26_Ant 1 TX1	0.335	0.296	0.200	1.094	1.142	1.220
FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.200	1.394	1.442	1.520
FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.200	1.339	1.387	1.465
FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.200	1.602	1.650	1.728
FR1 n71_Ant 1 TX1	0.304	0.296	0.200	1.063	1.111	1.189
FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.200	1.207	1.255	1.333

SAR peak location (mm)			X (axis)	6.1	10	-57.5	-58.5	-48
			Y (axis)	55.2	36.5	-51	-48	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.311	0.389
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX1	0.221	0.296	0.200			
-3.4	61.6	-207	WCDMA V_Ant 1 TX1	0.372	0.296	0.200			
0.6	61.1	-207	LTE Band 12_Ant 1 TX1	0.273	0.296	0.200			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX1	0.294	0.296	0.200			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX1	0.263	0.296	0.200			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TX0	0.336	0.296	0.200			
-4.8	67.3	-207	LTE Band 26_Ant 1 TX1	0.272	0.296	0.200			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TX0	0.694	0.296	0.200			
-0.9	60.8	-207	LTE Band 71_Ant 1 TX1	0.317	0.296	0.200			
-4.2	57.3	-207	FR1 n12_Ant 1 TX1	0.263	0.296	0.200			
-1.8	64.8	-207	FR1 n14_Ant 1 TX1	0.319	0.296	0.200			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TX0	0.843	0.296	0.200	0.02	0.02	0.02
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.296	0.200			
11.5	73	-207	FR1 n41_Ant 1 Sub TX0	0.635	0.296	0.200			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TX0	0.580	0.296	0.200			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TX0	0.843	0.296	0.200	0.02	0.02	0.02
3.3	59.8	-207	FR1 n71_Ant 1 TX1	0.304	0.296	0.200			
11	59	-207	FR1 n77_Ant 1 Sub TX0	0.448	0.296	0.200			

<Case 199>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Front	1g SAR (W/kg)			0.522	0.494	0.313	0.299	0.251	0.336	0.363	0.352	0.452	0.598	0.332	0.336	0.533	0.497	0.329	0.385
				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	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.349	0.189	0.256	1.316	1.288	1.107	1.093	1.045	1.130	1.157	1.146	1.246	1.392	1.126	1.130	1.327	1.291	1.123	1.179
LTE Band 66_Ant 5 Sub TX1	0.367	0.189	0.256	1.334	1.306	1.125	1.111	1.063	1.148	1.175	1.164	1.264	1.410	1.144	1.148	1.345	1.309	1.141	1.197
FR1 n25_Ant 5 Sub TX1	0.397	0.189	0.256	1.364	1.336	1.155	1.141	1.093	1.178	1.205	1.194	1.294	1.440	1.174	1.178	1.375	1.339	1.171	1.227
FR1 n66_Ant 5 Sub TX1	0.321	0.189	0.256	1.288	1.260	1.079	1.065	1.017	1.102	1.129	1.118	1.218	1.364	1.098	1.102	1.299	1.263	1.095	1.151
FR1 n41_Ant 5 Sub TX1	0.613	0.189	0.256	1.580	1.552	1.371	1.357	1.309	1.394	1.421	1.410	1.510	1.656	1.390	1.394	1.591	1.555	1.387	1.443
FR1 n48_Ant 5 Sub TX1	0.150	0.189	0.256	1.117	1.089	0.908	0.894	0.846	0.931	0.958	0.947	1.047	1.193	0.927	0.931	1.128	1.092	0.924	0.980
FR1 n77_Ant 5 Sub TX1	0.278	0.189	0.256	1.245	1.217	1.036	1.022	0.974	1.059	1.086	1.075	1.175	1.321	1.055	1.059	1.256	1.220	1.052	1.108

SAR peak location (mm)			X (axis)		-53.4	6.5	-5.9	-10.1	-5.2	10	-9.1	-4.5	4.5	8.5	-6.9	6.5	-7.1	-1.5	5.5	8	-6.9	-7.9
			Y (axis)		66.7	72	-64.1	-62.3	-70.3	-40	-64.8	-55	-43.5	-41.5	-72.1	-42	-64.3	-55	-46	-41.5	-74.1	-73.6
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Front	1g SAR (W/kg)			0.522	0.494	0.313	0.299	0.251	0.336	0.363	0.352	0.452	0.598	0.332	0.336	0.533	0.497	0.329	0.385
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results
12.6	32.6	-207	LTE Band 25_Ant 5 Sub TX1	0.349	0.189	0.256																
14.1	31.1	-207	LTE Band 66_Ant 5 Sub TX1	0.367	0.189	0.256																
13.1	35.6	-207	FR1 n25_Ant 5 Sub TX1	0.397	0.189	0.256																
11.9	29.4	-207	FR1 n66_Ant 5 Sub TX1	0.321	0.189	0.256																
12	39	-207	FR1 n41_Ant 5 Sub TX1	0.613	0.189	0.256										0.03						
8.5	42.5	-207	FR1 n48_Ant 5 Sub TX1	0.150	0.189	0.256																
13.5	42.5	-207	FR1 n77_Ant 5 Sub TX1	0.278	0.189	0.256																

<Case 200>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Front	1g SAR (W/kg)			0.522	0.494	0.313	0.299	0.251	0.336	0.363	0.352	0.452	0.598	0.332	0.336	0.533	0.497	0.329	0.385
				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	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.349	0.189	0.204	1.264	1.236	1.055	1.041	0.993	1.078	1.105	1.094	1.194	1.340	1.074	1.078	1.275	1.239	1.071	1.127
LTE Band 66_Ant 5 Sub TX1	0.367	0.189	0.204	1.282	1.254	1.073	1.059	1.011	1.096	1.123	1.112	1.212	1.358	1.092	1.096	1.293	1.257	1.089	1.145
FR1 n25_Ant 5 Sub TX1	0.397	0.189	0.204	1.312	1.284	1.103	1.089	1.041	1.126	1.153	1.142	1.242	1.388	1.122	1.126	1.323	1.287	1.119	1.175
FR1 n66_Ant 5 Sub TX1	0.321	0.189	0.204	1.236	1.208	1.027	1.013	0.965	1.050	1.077	1.066	1.166	1.312	1.046	1.050	1.247	1.211	1.043	1.099
FR1 n41_Ant 5 Sub TX1	0.613	0.189	0.204	1.528	1.500	1.319	1.305	1.257	1.342	1.369	1.358	1.458	1.604	1.338	1.342	1.539	1.503	1.335	1.391
FR1 n48_Ant 5 Sub TX1	0.150	0.189	0.204	1.065	1.037	0.856	0.842	0.794	0.879	0.906	0.895	0.995	1.141	0.875	0.879	1.076	1.040	0.872	0.928
FR1 n77_Ant 5 Sub TX1	0.278	0.189	0.204	1.193	1.165	0.984	0.970	0.922	1.007	1.034	1.023	1.123	1.269	1.003	1.007	1.204	1.168	1.000	1.056

SAR peak location (mm)			X (axis)		-53.4	-64	-5.9	-10.1	-5.2	10	-9.1	-4.5	4.5	8.5	-6.9	6.5	-7.1	-1.5	5.5	8	-6.9	-7.9
			Y (axis)		66.7	37.5	-64.1	-62.3	-70.3	-40	-64.8	-55	-43.5	-41.5	-72.1	-42	-64.3	-55	-46	-41.5	-74.1	-73.6
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Front	1g SAR (W/kg)			0.522	0.494	0.313	0.299	0.251	0.336	0.363	0.352	0.452	0.598	0.332	0.336	0.533	0.497	0.329	0.385
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results
12.6	32.6	-207	LTE Band 25_Ant 5 Sub TX1	0.349	0.189	0.204																
14.1	31.1	-207	LTE Band 66_Ant 5 Sub TX1	0.367	0.189	0.204																
13.1	35.6	-207	FR1 n25_Ant 5 Sub TX1	0.397	0.189	0.204																
11.9	29.4	-207	FR1 n66_Ant 5 Sub TX1	0.321	0.189	0.204																
12	39	-207	FR1 n41_Ant 5 Sub TX1	0.613	0.189	0.204										0.03						
8.5	42.5	-207	FR1 n48_Ant 5 Sub TX1	0.150	0.189	0.204																
13.5	42.5	-207	FR1 n77_Ant 5 Sub TX1	0.278	0.189	0.204																

<Case 201>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.499	0.514	0.415	0.390	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
				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	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.443	0.147	0.296	1.385	1.400	1.301	1.276	1.224	1.260	1.250	1.279	1.389	1.394	1.314	1.251	1.469	1.453	1.367	1.351
LTE Band 66_Ant 5 Sub TX1	0.452	0.147	0.296	1.394	1.409	1.310	1.285	1.233	1.269	1.259	1.288	1.398	1.403	1.323	1.260	1.478	1.462	1.376	1.360
FR1 n25_Ant 5 Sub TX1	0.477	0.147	0.296	1.419	1.434	1.335	1.310	1.258	1.294	1.284	1.313	1.423	1.428	1.348	1.285	1.503	1.487	1.401	1.385
FR1 n66_Ant 5 Sub TX1	0.490	0.147	0.296	1.432	1.447	1.348	1.323	1.271	1.307	1.297	1.326	1.436	1.441	1.361	1.298	1.516	1.500	1.414	1.398
FR1 n41_Ant 5 Sub TX1	0.723	0.147	0.296	1.665	1.680	1.581	1.556	1.504	1.540	1.530	1.559	1.669	1.674	1.594	1.531	1.749	1.733	1.647	1.631
FR1 n48_Ant 5 Sub TX1	0.258	0.147	0.296	1.200	1.215	1.116	1.091	1.039	1.075	1.065	1.094	1.204	1.209	1.129	1.066	1.284	1.268	1.182	1.166
FR1 n77_Ant 5 Sub TX1	0.443	0.147	0.296	1.385	1.400	1.301	1.276	1.224	1.260	1.250	1.279	1.389	1.394	1.314	1.251	1.469	1.453	1.367	1.351

SAR peak location (mm)			X (axis)		-56.5	6.1	-54.6	-51.8	-54.6	-59	-51.1	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		72	55.2	-44.8	-40.8	-37.2	-45	-52.2	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.499	0.514	0.415	0.39	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.147	0.296																
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.147	0.296																
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.147	0.296																
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.147	0.296																
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.147	0.296	0.03	0.03							0.03	0.03			0.03	0.03	0.03	0.03
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.147	0.296																
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.147	0.296																

<Case 202>

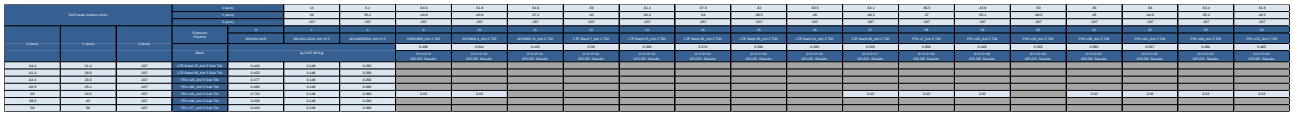
SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.499	0.514	0.415	0.390	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
				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	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.443	0.130	0.296	1.368	1.383	1.284	1.259	1.207	1.243	1.233	1.262	1.372	1.377	1.297	1.234	1.452	1.436	1.350	1.334
LTE Band 66_Ant 5 Sub TX1	0.452	0.130	0.296	1.377	1.392	1.293	1.268	1.216	1.252	1.242	1.271	1.381	1.386	1.306	1.243	1.461	1.445	1.359	1.343
FR1 n25_Ant 5 Sub TX1	0.477	0.130	0.296	1.402	1.417	1.318	1.293	1.241	1.277	1.267	1.296	1.406	1.411	1.331	1.268	1.486	1.470	1.384	1.368
FR1 n66_Ant 5 Sub TX1	0.490	0.130	0.296	1.415	1.430	1.331	1.306	1.254	1.290	1.280	1.309	1.419	1.424	1.344	1.281	1.499	1.483	1.397	1.381
FR1 n41_Ant 5 Sub TX1	0.723	0.130	0.296	1.648	1.663	1.564	1.539	1.487	1.523	1.513	1.542	1.652	1.657	1.577	1.514	1.732	1.716	1.630	1.614
FR1 n48_Ant 5 Sub TX1	0.258	0.130	0.296	1.183	1.198	1.099	1.074	1.022	1.058	1.048	1.077	1.187	1.192	1.112	1.049	1.267	1.251	1.165	1.149
FR1 n77_Ant 5 Sub TX1	0.443	0.130	0.296	1.368	1.383	1.284	1.259	1.207	1.243	1.233	1.262	1.372	1.377	1.297	1.234	1.452	1.436	1.350	1.334

SAR peak location (mm)			X (axis)		11.5	6.1	-54.6	-51.8	-54.6	-59	-51.1	-57.5	-62	-59.5	-54.1	-56.5	-43.8	-50	-59	-58	-53.4	-51.8
			Y (axis)		37.5	55.2	-44.8	-40.8	-37.2	-45	-52.2	-54	-39.5	-45	-48.3	-37	-55.1	-48.5	-45	-44.5	-35.2	-42.5
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 38_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.499	0.514	0.415	0.39	0.338	0.374	0.364	0.393	0.503	0.508	0.428	0.365	0.583	0.567	0.481	0.465
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.130	0.296																
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.130	0.296																
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.130	0.296																
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.130	0.296																
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.130	0.296	0.03	0.03							0.03	0.03			0.03	0.03	0.03	0.03
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.130	0.296																
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.130	0.296																

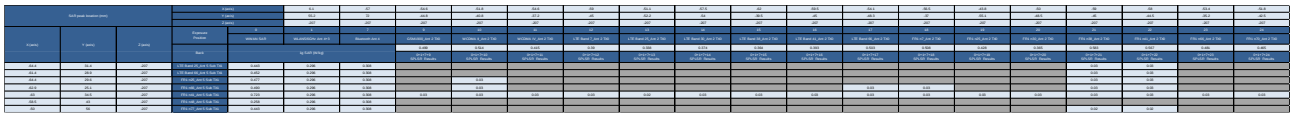
<Case 203>

SPLSR calculation for summation SAR>1.6W/kg



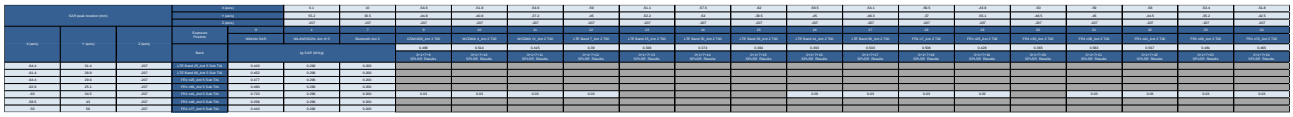
<Case 204>

SPLSR calculation for summation SAR>1.6W/kg



<Case 205>

SPLSR calculation for summation SAR>1.6W/kg



<Case 206>

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)			0.322 0+1+7+9 Summed SAR	0.350 0+1+7+10 Summed SAR	0.488 0+1+7+11 Summed SAR
GSM1900_Ant 2 TX0	0.499	0.296	0.308	1.425	1.453	1.591
WCDMA II_Ant 2 TX0	0.514	0.296	0.308	1.440	1.468	1.606
WCDMA IV_Ant 2 TX0	0.415	0.296	0.308	1.341	1.369	1.507
LTE Band 7_Ant 2 TX0	0.390	0.296	0.308	1.316	1.344	1.482
LTE Band 25_Ant 2 TX0	0.338	0.296	0.308	1.264	1.292	1.430
LTE Band 30_Ant 2 TX0	0.374	0.296	0.308	1.300	1.328	1.466
LTE Band 38_Ant 2 TX0	0.364	0.296	0.308	1.290	1.318	1.456
LTE Band 41_Ant 2 TX0	0.393	0.296	0.308	1.319	1.347	1.485
LTE Band 66_Ant 2 TX0	0.503	0.296	0.308	1.429	1.457	1.595
FR1 n7_Ant 2 TX0	0.508	0.296	0.308	1.434	1.462	1.600
FR1 n25_Ant 2 TX0	0.428	0.296	0.308	1.354	1.382	1.520
FR1 n30_Ant 2 TX0	0.365	0.296	0.308	1.291	1.319	1.457
FR1 n38_Ant 2 TX0	0.583	0.296	0.308	1.509	1.537	1.675
FR1 n41_Ant 2 TX0	0.567	0.296	0.308	1.493	1.521	1.659
FR1 n66_Ant 2 TX0	0.481	0.296	0.308	1.407	1.435	1.573
FR1 n70_Ant 2 TX0	0.465	0.296	0.308	1.391	1.419	1.557

SAR peak location (mm)			X (axis)	6.1	-57	13	13.5	9
			Y (axis)	55.2	72	-54	-56	-45
			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)			0.322 0+1+7+9 SPLSR Results	0.35 0+1+7+10 SPLSR Results	0.488 0+1+7+11 SPLSR Results
-54.6	-44.8	-207	GSM1900_Ant 2 TX0	0.499	0.296	0.308			
-51.8	-40.8	-207	WCDMA II_Ant 2 TX0	0.514	0.296	0.308			0.03
-54.6	-37.2	-207	WCDMA IV_Ant 2 TX0	0.415	0.296	0.308			
-59	-45	-207	LTE Band 7_Ant 2 TX0	0.390	0.296	0.308			
-51.1	-52.2	-207	LTE Band 25_Ant 2 TX0	0.338	0.296	0.308			
-57.5	-54	-207	LTE Band 30_Ant 2 TX0	0.374	0.296	0.308			
-62	-39.5	-207	LTE Band 38_Ant 2 TX0	0.364	0.296	0.308			
-59.5	-45	-207	LTE Band 41_Ant 2 TX0	0.393	0.296	0.308			
-54.1	-48.3	-207	LTE Band 66_Ant 2 TX0	0.503	0.296	0.308			0.03
-56.5	-37	-207	FR1 n7_Ant 2 TX0	0.508	0.296	0.308			0.03
-43.8	-55.1	-207	FR1 n25_Ant 2 TX0	0.428	0.296	0.308			
-50	-48.5	-207	FR1 n30_Ant 2 TX0	0.365	0.296	0.308			
-59	-45	-207	FR1 n38_Ant 2 TX0	0.583	0.296	0.308			0.03
-58	-44.5	-207	FR1 n41_Ant 2 TX0	0.567	0.296	0.308			0.03
-53.4	-35.2	-207	FR1 n66_Ant 2 TX0	0.481	0.296	0.308			
-51.8	-42.5	-207	FR1 n70_Ant 2 TX0	0.465	0.296	0.308			

<Case 207>

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)			0.322	0.350	0.488
				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	0.443	0.147	0.296	1.208	1.236	1.374
LTE Band 66_Ant 5 Sub TX1	0.452	0.147	0.296	1.217	1.245	1.383
FR1 n25_Ant 5 Sub TX1	0.477	0.147	0.296	1.242	1.270	1.408
FR1 n66_Ant 5 Sub TX1	0.490	0.147	0.296	1.255	1.283	1.421
FR1 n41_Ant 5 Sub TX1	0.723	0.147	0.296	1.488	1.516	1.654
FR1 n48_Ant 5 Sub TX1	0.258	0.147	0.296	1.023	1.051	1.189
FR1 n77_Ant 5 Sub TX1	0.443	0.147	0.296	1.208	1.236	1.374

SAR peak location (mm)			X (axis)		-56.5	6.1	13	13.5	9
			Y (axis)		72	55.2	-54	-56	-45
			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	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)			0.322	0.35	0.488
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.147	0.296			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.147	0.296			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.147	0.296			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.147	0.296			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.147	0.296			0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.147	0.296			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.147	0.296			

<Case 208>

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)			0.322	0.350	0.488
				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	0.443	0.130	0.296	1.191	1.219	1.357
LTE Band 66_Ant 5 Sub TX1	0.452	0.130	0.296	1.200	1.228	1.366
FR1 n25_Ant 5 Sub TX1	0.477	0.130	0.296	1.225	1.253	1.391
FR1 n66_Ant 5 Sub TX1	0.490	0.130	0.296	1.238	1.266	1.404
FR1 n41_Ant 5 Sub TX1	0.723	0.130	0.296	1.471	1.499	1.637
FR1 n48_Ant 5 Sub TX1	0.258	0.130	0.296	1.006	1.034	1.172
FR1 n77_Ant 5 Sub TX1	0.443	0.130	0.296	1.191	1.219	1.357

SAR peak location (mm)			X (axis)		11.5	6.1	13	13.5	9
			Y (axis)		37.5	55.2	-54	-56	-45
			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 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)			0.322	0.35	0.488
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.130	0.296			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.130	0.296			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.130	0.296			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.130	0.296			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.130	0.296			0.03
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.130	0.296			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.130	0.296			

<Case 209>

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)			0.322	0.350	0.488
				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	0.443	0.148	0.296	1.209	1.237	1.375
LTE Band 66_Ant 5 Sub TX1	0.452	0.148	0.296	1.218	1.246	1.384
FR1 n25_Ant 5 Sub TX1	0.477	0.148	0.296	1.243	1.271	1.409
FR1 n66_Ant 5 Sub TX1	0.490	0.148	0.296	1.256	1.284	1.422
FR1 n41_Ant 5 Sub TX1	0.723	0.148	0.296	1.489	1.517	1.655
FR1 n48_Ant 5 Sub TX1	0.258	0.148	0.296	1.024	1.052	1.190
FR1 n77_Ant 5 Sub TX1	0.443	0.148	0.296	1.209	1.237	1.375

SAR peak location (mm)			X (axis)		14	6.1	13	13.5	9
			Y (axis)		39	55.2	-54	-56	-45
			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)			0.322	0.35	0.488
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.148	0.296			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.148	0.296			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.148	0.296			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.148	0.296			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.148	0.296			0.03
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.148	0.296			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.148	0.296			

<Case 210>

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)			0.322	0.350	0.488
				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	0.443	0.296	0.308	1.369	1.397	1.535
LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.308	1.378	1.406	1.544
FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.308	1.403	1.431	1.569
FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.308	1.416	1.444	1.582
FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.308	1.649	1.677	1.815
FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.308	1.184	1.212	1.350
FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.308	1.369	1.397	1.535

SAR peak location (mm)			X (axis)		6.1	-57	13	13.5	9
			Y (axis)		55.2	72	-54	-56	-45
			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)			0.322	0.35	0.488
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.296	0.308			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.308			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.308			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.308			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.308	0.02	0.02	0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.308			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.308			

<Case 211>

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)			0.322	0.350	0.488
				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	0.443	0.296	0.200	1.261	1.289	1.427
LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.200	1.270	1.298	1.436
FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.200	1.295	1.323	1.461
FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.200	1.308	1.336	1.474
FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.200	1.541	1.569	1.707
FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.200	1.076	1.104	1.242
FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.200	1.261	1.289	1.427

SAR peak location (mm)			X (axis)		6.1	10	13	13.5	9
			Y (axis)		55.2	36.5	-54	-56	-45
			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)			0.322	0.35	0.488
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.296	0.200			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.200			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.200			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.200			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.200			0.03
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.200			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.200			

<Case 212>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				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	0.443	0.296	0.308	1.310	1.358	1.436
LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.308	1.319	1.367	1.445
FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.308	1.344	1.392	1.470
FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.308	1.357	1.405	1.483
FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.308	1.590	1.638	1.716
FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.308	1.125	1.173	1.251
FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.308	1.310	1.358	1.436

SAR peak location (mm)			X (axis)		6.1	-57	-57.5	-58.5	-48
			Y (axis)		55.2	72	-51	-48	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.311	0.389
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.296	0.308			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.308			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.308			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.308			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.308		0.03	0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.308			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.308			

<Case 213>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.263	0.311	0.389
				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	0.443	0.296	0.200	1.202	1.250	1.328
LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.200	1.211	1.259	1.337
FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.200	1.236	1.284	1.362
FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.200	1.249	1.297	1.375
FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.200	1.482	1.530	1.608
FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.200	1.017	1.065	1.143
FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.200	1.202	1.250	1.328

SAR peak location (mm)			X (axis)		6.1	10	-57.5	-58.5	-48
			Y (axis)		55.2	36.5	-51	-48	-64
			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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.263	0.311	0.389
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-64.4	31.4	-207	LTE Band 25_Ant 5 Sub TX1	0.443	0.296	0.200			
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX1	0.452	0.296	0.200			
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX1	0.477	0.296	0.200			
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX1	0.490	0.296	0.200			
-63	34.5	-207	FR1 n41_Ant 5 Sub TX1	0.723	0.296	0.200			0.02
-58.5	43	-207	FR1 n48_Ant 5 Sub TX1	0.258	0.296	0.200			
-50	56	-207	FR1 n77_Ant 5 Sub TX1	0.443	0.296	0.200			