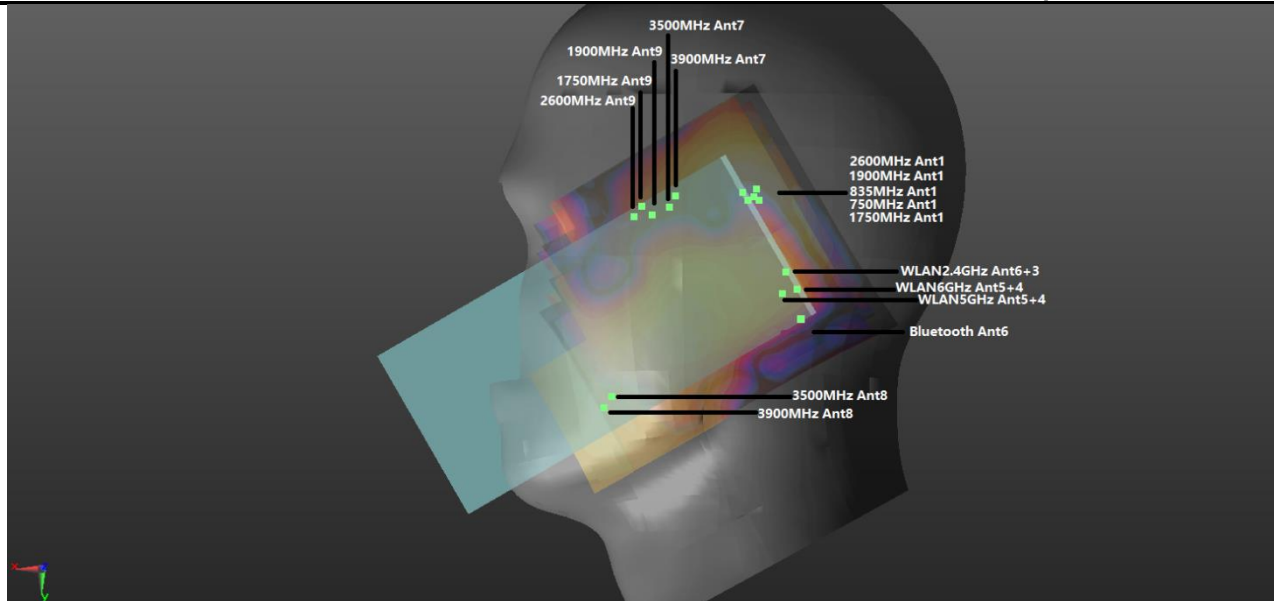
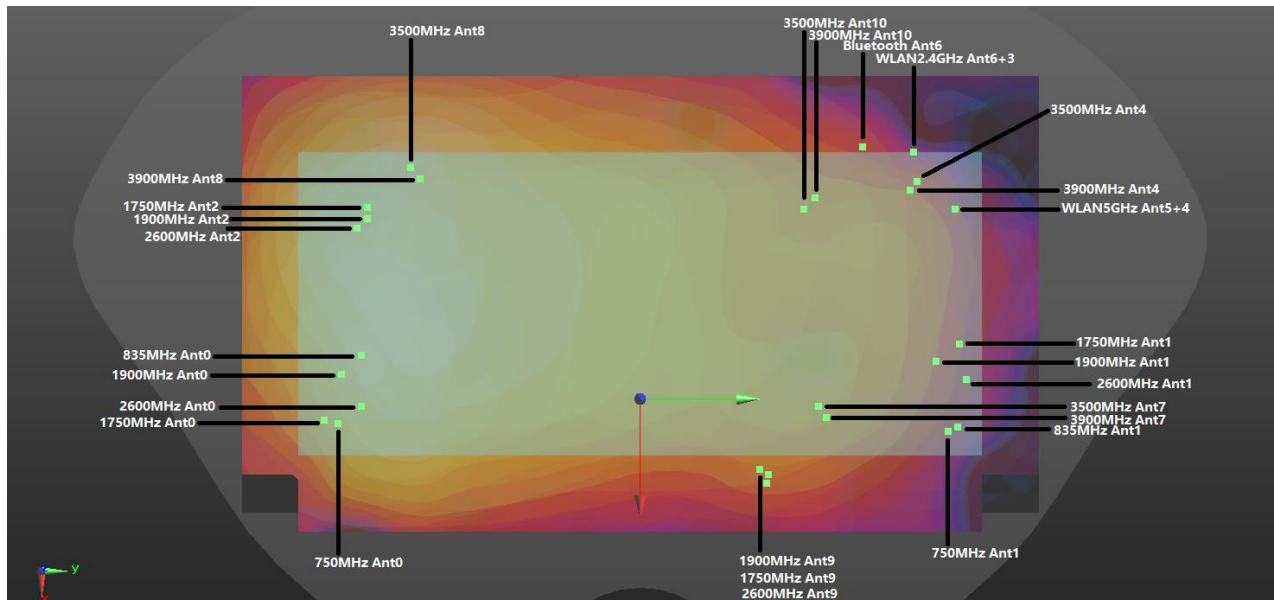
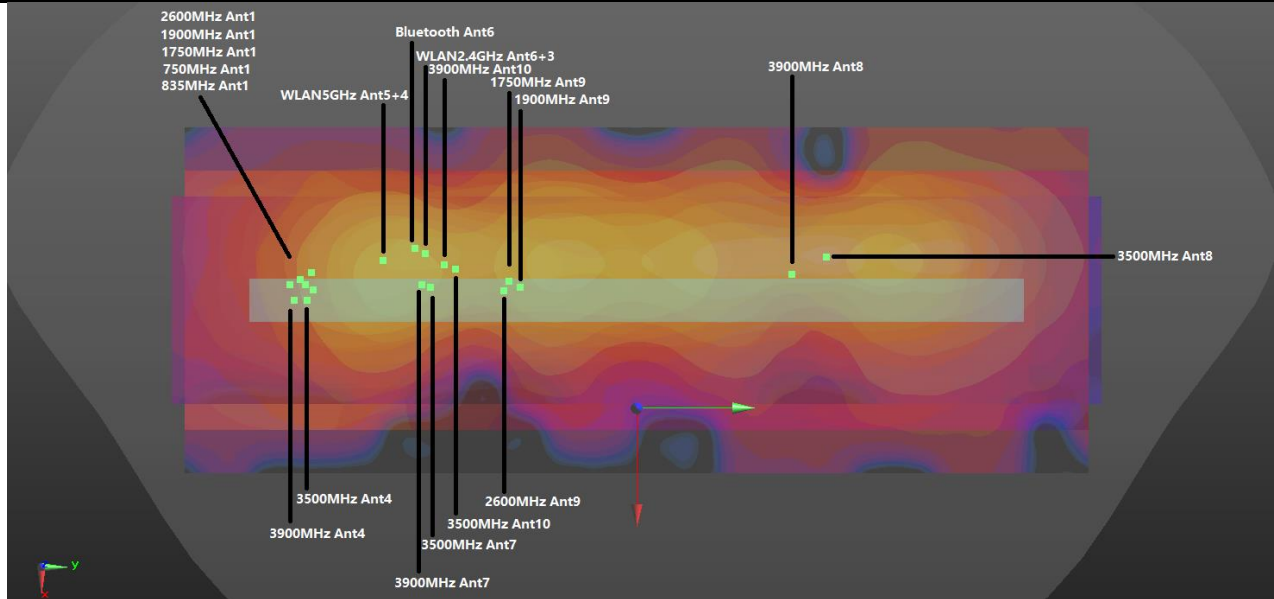




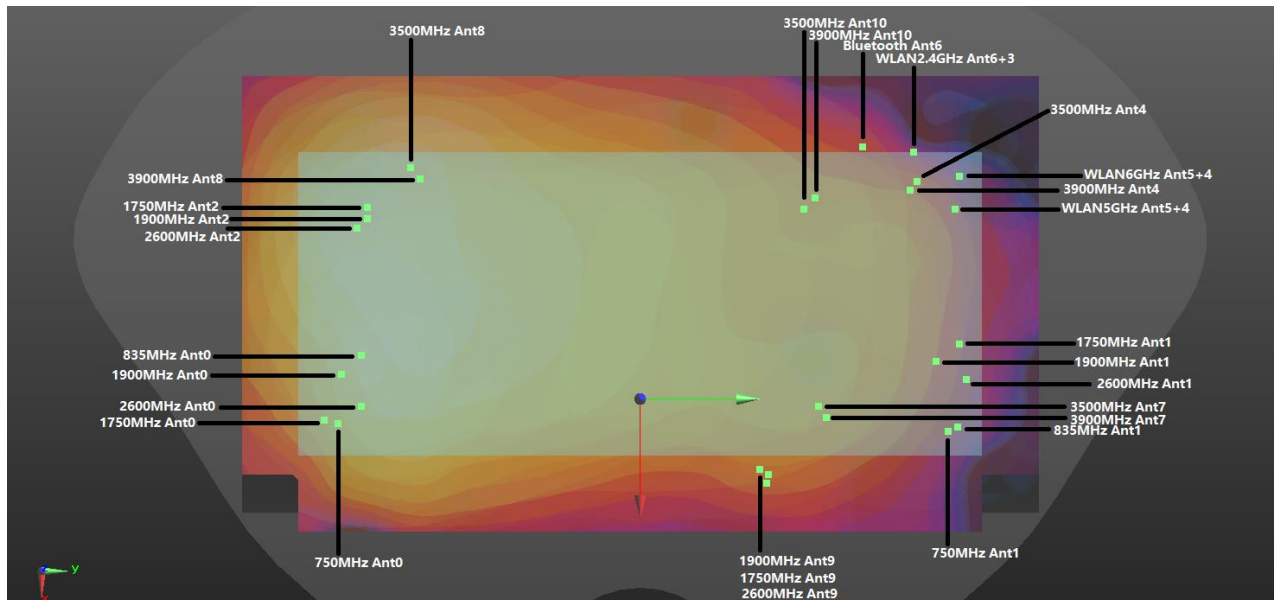
Head WWAN+WWAN+WLAN+BT Right Cheek 0mm



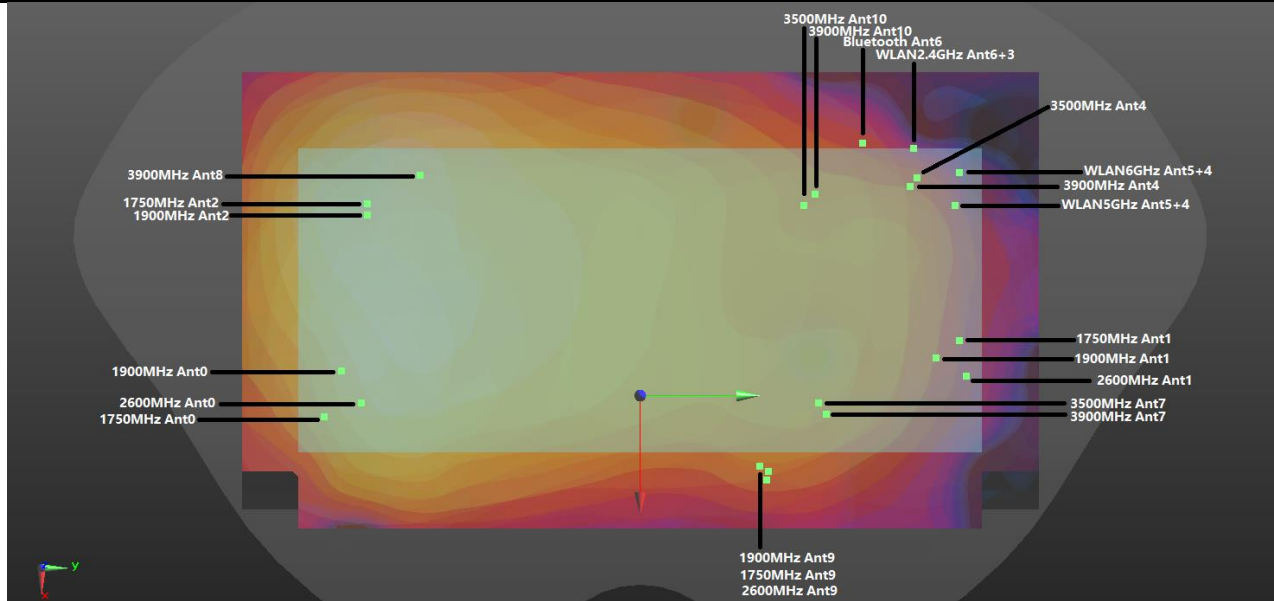
Hotspot WWAN+WWAN+WLAN+BT Back 5mm



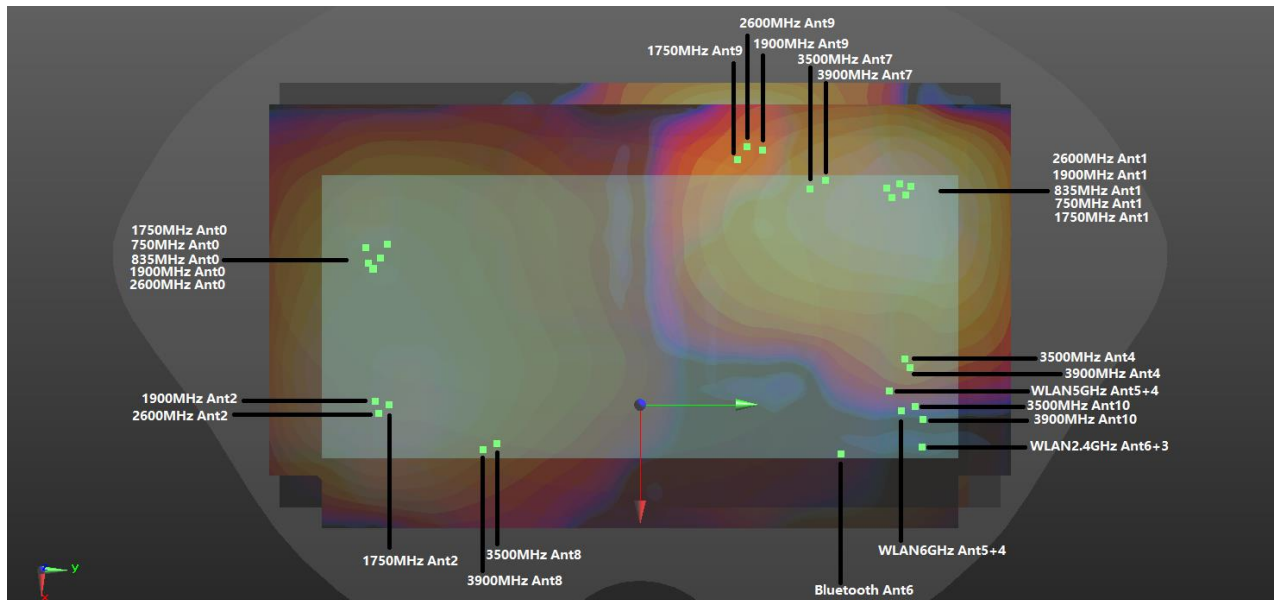
Hotspot WWAN+WWAN+WLAN+BT Right Side 5mm



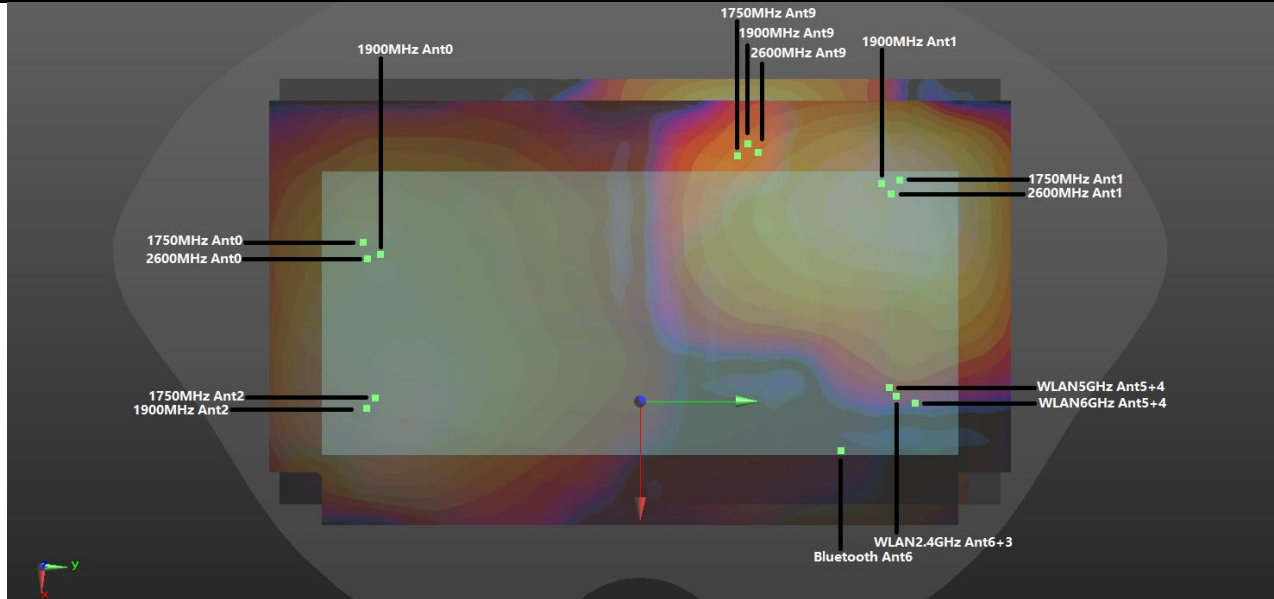
Body-worn WWAN+WWAN+WLAN+BT Back 5mm



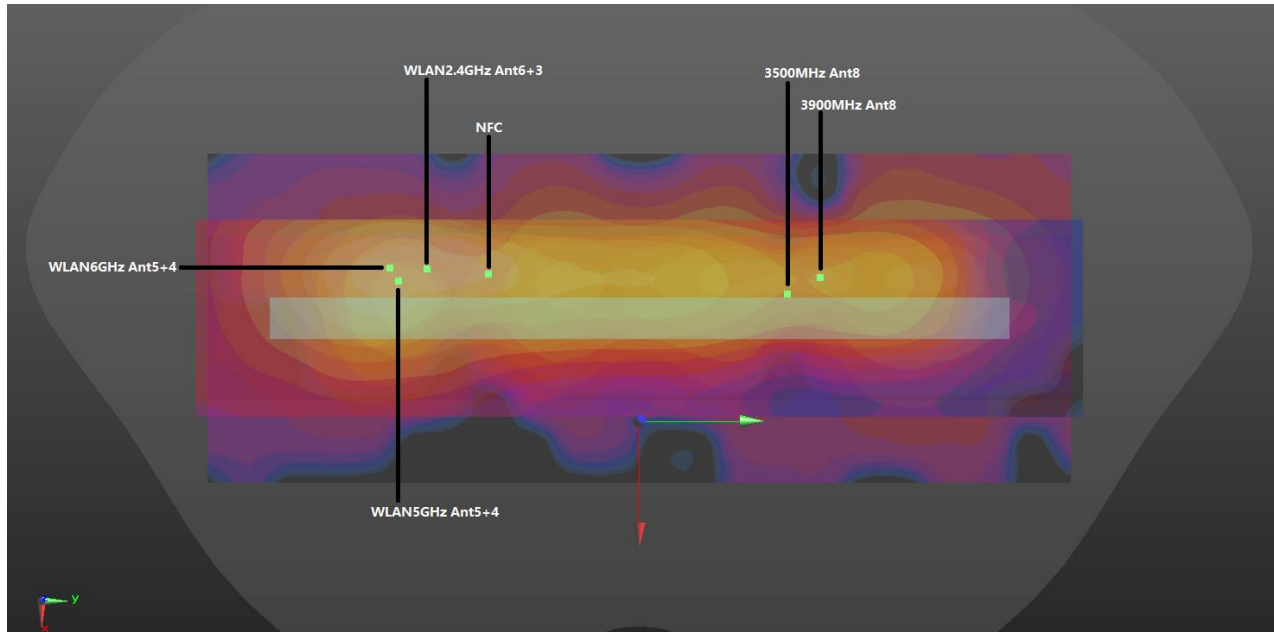
Body-worn WWAN+WWAN+WLAN+BT Back 16mm



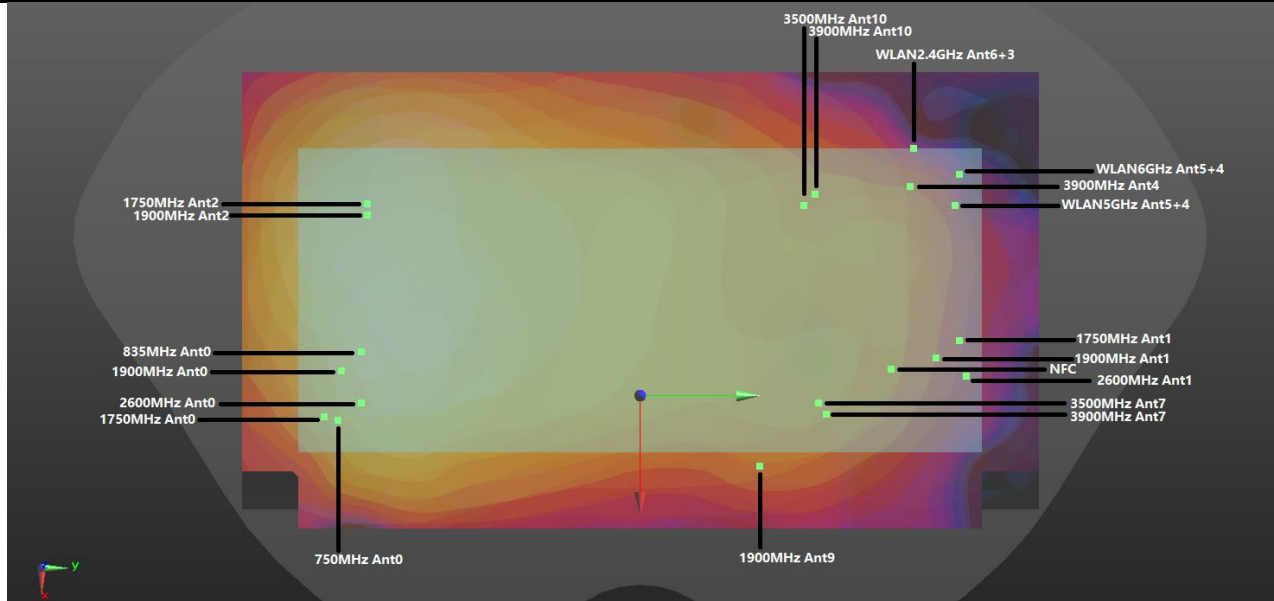
Body-worn WWAN+WWAN+WLAN+BT Front 5mm



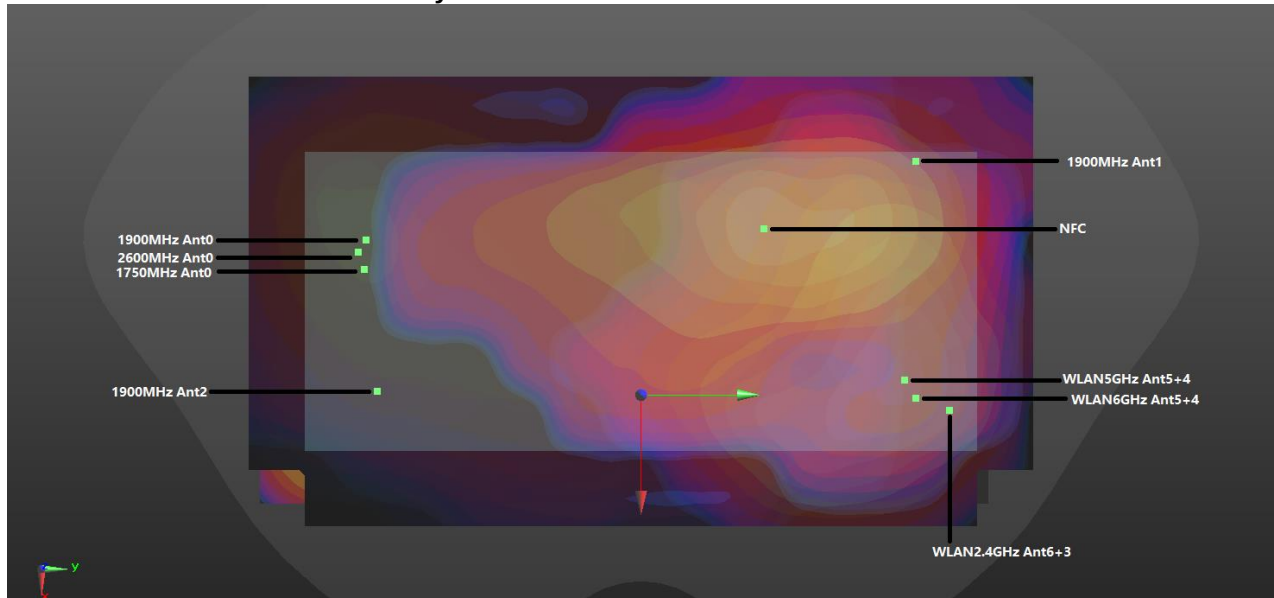
Body-worn WWAN+WWAN+WLAN+BT Front 13mm



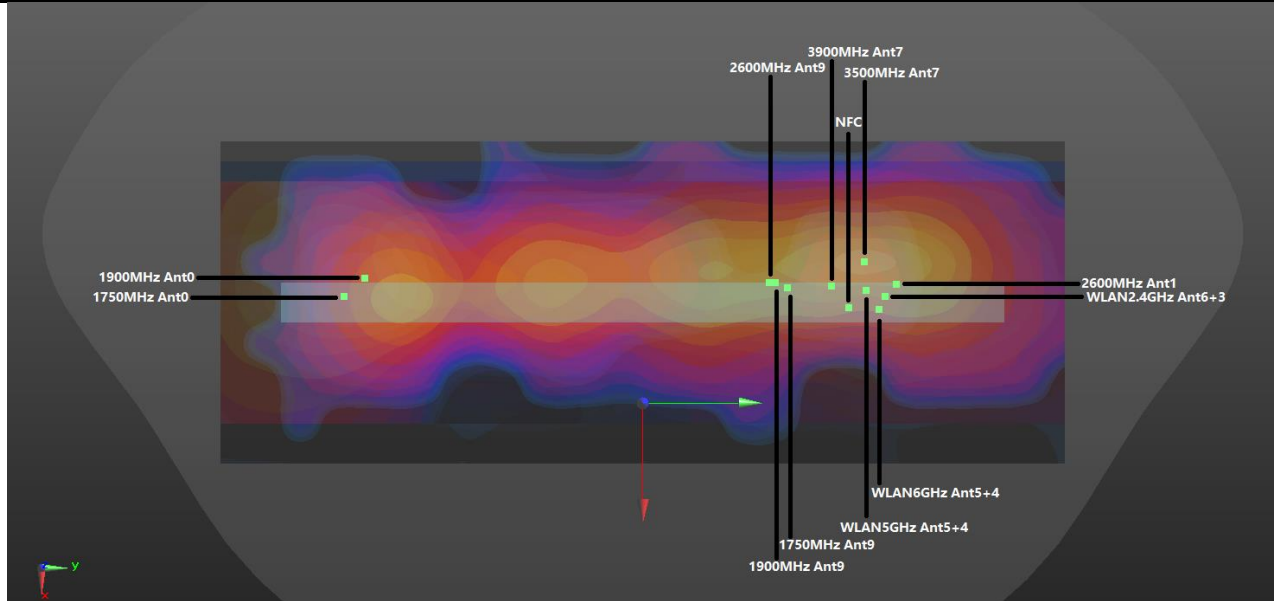
Extremity WWAN+WLAN+NFC Right Side 0mm



Extremity WWAN+WWAN+WLAN+NFC Back 0mm



Extremity WWAN+WWAN+WLAN+NFC Front 0mm


Extremity WWAN+WWAN+WLAN+NFC Left Side 0mm
<Head>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Cheek	0.690	1.207	0mm	38.81	69.35	-5.39	95.9	1.90	0.03	Not required
Ant1		0.888		0mm	3.08	-19.61	-2.13				
WLAN5GHz Ant5+4		0.251		0mm							
Bluetooth Ant6		0.068		0mm							
Ant8	Right Cheek	0.690	1.207	0mm	38.81	69.35	-5.39	81.2	1.90	0.03	Not required
Ant1		0.888		0mm							
WLAN5GHz Ant5+4		0.251		0mm	-21.49	15.39	1.61				
Bluetooth Ant6		0.068		0mm							
Ant8	Right Cheek	0.690	1.207	0mm	38.81	69.35	-5.39	66.1	1.90	0.04	Not required
Ant1		0.888		0mm							
WLAN5GHz Ant5+4		0.251		0mm							
Bluetooth Ant6		0.068		0mm	-0.06	16.51	2.59				
No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Cheek	0.690	1.205	0mm	38.81	69.35	-5.39	86.1	1.90	0.03	Not required
Ant7		0.886		0mm	42.28	-16.67	-3.5				
WLAN5GHz Ant5+4		0.251		0mm							
Bluetooth Ant6		0.068		0mm							
Ant8	Right Cheek	0.690	1.205	0mm	38.81	69.35	-5.39	81.2	1.90	0.03	Not required
Ant7		0.886		0mm							
WLAN5GHz Ant5+4		0.251		0mm	-21.49	15.39	1.61				
Bluetooth Ant6		0.068		0mm							
Ant8	Right Cheek	0.690	1.205	0mm	38.81	69.35	-5.39	66.1	1.90	0.04	Not required
Ant7		0.886		0mm							
WLAN5GHz Ant5+4		0.251		0mm							
Bluetooth Ant6		0.068		0mm	-0.06	16.51	2.59				
No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Cheek	0.690	1.211	0mm	38.81	69.35	-5.39	83.2	1.90	0.03	Not required
Ant9		0.892		0mm	45.9	-13.42	-0.89				
WLAN5GHz Ant5+4		0.251		0mm							
Bluetooth Ant6		0.068		0mm							



FCC SAR Test Report

Report No. : FA510906

Ant8	Right Cheek	0.690	0.690	0mm	38.81	69.35	-5.39	81.2	1.90	0.03	Not required
Ant9		0.892	1.211	0mm							
WLAN5GHz Ant5+4		0.251		0mm	-21.49	15.39	1.61				
Bluetooth Ant6		0.068		0mm							
Ant8	Right Cheek	0.690	0.690	0mm	38.81	69.35	-5.39	66.1	1.90	0.04	Not required
Ant9		0.892	1.211	0mm							
WLAN5GHz Ant5+4		0.251		0mm							
Bluetooth Ant6		0.068		0mm	-0.06	16.51	2.59				

No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Left Cheek	0.289	0.289	0mm	47.71	-69.93	-4.31	93.5	1.86	0.03	Not required
Ant4		0.900	1.568	0mm	7.97	14.75	-3.25				
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm							
Ant0	Left Cheek	0.289	0.289	0mm	47.71	-69.93	-4.31	102.3	1.86	0.02	Not required
Ant4		0.900	1.568	0mm							
WLAN5GHz Ant5+4		0.395		0mm	9.15	24.78	-3.02				
Bluetooth Ant6		0.273		0mm							
Ant0	Left Cheek	0.289	0.289	0mm	47.71	-69.93	-4.31	90.9	1.86	0.03	Not required
Ant4		0.900	1.568	0mm							
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm	32.59	19.73	-2.9				
No.5 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Left Cheek	0.289	0.289	0mm	47.71	-69.93	-4.31	84.9	1.84	0.03	Not required
Ant9		0.887	1.555	0mm	-13.11	-10.76	-0.37				
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm							
Ant0	Left Cheek	0.289	0.289	0mm	47.71	-69.93	-4.31	102.3	1.84	0.02	Not required
Ant9		0.887	1.555	0mm							
WLAN5GHz Ant5+4		0.395		0mm	9.15	24.78	-3.02				
Bluetooth Ant6		0.273		0mm							
Ant0	Left Cheek	0.289	0.289	0mm	47.71	-69.93	-4.31	90.9	1.84	0.03	Not required
Ant9		0.887	1.555	0mm							
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm	32.59	19.73	-2.9				
No.6 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Left Cheek	0.158	0.158	0mm	54.5	-69.09	-2.07	95.9	1.73	0.02	Not required
Ant4		0.900	1.568	0mm	7.97	14.75	-3.25				
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm							
Ant2	Left Cheek	0.158	0.158	0mm	54.5	-69.09	-2.07	104.3	1.73	0.02	Not required
Ant4		0.900	1.568	0mm							
WLAN5GHz Ant5+4		0.395		0mm	9.15	24.78	-3.02				
Bluetooth Ant6		0.273		0mm							
Ant2	Left Cheek	0.158	0.158	0mm	54.5	-69.09	-2.07	91.5	1.73	0.02	Not required
Ant4		0.900	1.568	0mm							
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm	32.59	19.73	-2.9				
No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Left Cheek	0.158	0.158	0mm	54.5	-69.09	-2.07	89.3	1.71	0.03	Not required
Ant9		0.887	1.555	0mm	-13.11	-10.76	-0.37				
WLAN5GHz Ant5+4		0.395		0mm							



Bluetooth Ant6		0.273		0mm							
Ant2	Left Cheek	0.158	0.158	0mm	54.5	-69.09	-2.07	104.3	1.71	0.02	Not required
Ant9		0.887	1.555	0mm							
WLAN5GHz Ant5+4		0.395		0mm	9.15	24.78	-3.02				
Bluetooth Ant6		0.273		0mm							
Ant2	Left Cheek	0.158	0.158	0mm	54.5	-69.09	-2.07	91.5	1.71	0.02	Not required
Ant9		0.887	1.555	0mm							
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm	32.59	19.73	-2.9				
No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	84.3	1.62	0.02	Not required
Ant1		0.573	1.241	0mm	-21	-2.6	0.85				
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm							
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	86.9	1.62	0.02	Not required
Ant1		0.573	1.241	0mm							
WLAN5GHz Ant5+4		0.395		0mm	9.15	24.78	-3.02				
Bluetooth Ant6		0.273		0mm							
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	75.0	1.62	0.03	Not required
Ant1		0.573	1.241	0mm							
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm	32.59	19.73	-2.9				
No.9 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	78.4	1.95	0.03	Not required
Ant4		0.900	1.568	0mm	7.97	14.75	-3.25				
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm							
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	86.9	1.95	0.03	Not required
Ant4		0.900	1.568	0mm							
WLAN5GHz Ant5+4		0.395		0mm	9.15	24.78	-3.02				
Bluetooth Ant6		0.273		0mm							
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	75.0	1.95	0.04	Not required
Ant4		0.900	1.568	0mm							
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm	32.59	19.73	-2.9				
No.10 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	73.0	1.93	0.04	Not required
Ant9		0.887	1.555	0mm	-13.11	-10.76	-0.37				
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm							
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	86.9	1.93	0.03	Not required
Ant9		0.887	1.555	0mm							
WLAN5GHz Ant5+4		0.395		0mm	9.15	24.78	-3.02				
Bluetooth Ant6		0.273		0mm							
Ant8	Left Cheek	0.378	0.378	0mm	45.43	-54.16	-4.56	75.0	1.93	0.04	Not required
Ant9		0.887	1.555	0mm							
WLAN5GHz Ant5+4		0.395		0mm							
Bluetooth Ant6		0.273		0mm	32.59	19.73	-2.9				



<Hotspot>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.020	1.404	5mm	22.5	-69	-2.84	127.3	2.42	0.03	Not required
Ant1		0.512		5mm	20	58.3	-2.93				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.404	5mm	22.5	-69	-2.84	152.6	2.42	0.02	Not required
Ant1		0.512		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.404	5mm	22.5	-69	-2.84	142.7	2.42	0.03	Not required
Ant1		0.512		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.020	1.360	5mm	22.5	-69	-2.84	145.7	2.38	0.03	Not required
Ant4		0.468		5mm	-34.8	65	-3.1				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.360	5mm	22.5	-69	-2.84	152.6	2.38	0.02	Not required
Ant4		0.468		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.360	5mm	22.5	-69	-2.84	142.7	2.38	0.03	Not required
Ant4		0.468		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.020	1.306	5mm	22.5	-69	-2.84	116.9	2.33	0.03	Not required
Ant7		0.414		5mm	27	47.8	-3.11				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.306	5mm	22.5	-69	-2.84	152.6	2.33	0.02	Not required
Ant7		0.414		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.306	5mm	22.5	-69	-2.84	142.7	2.33	0.02	Not required
Ant7		0.414		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.020	1.276	5mm	22.5	-69	-2.84	126.3	2.30	0.03	Not required
Ant9		0.384		5mm	31.6	57	-3.14				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.276	5mm	22.5	-69	-2.84	152.6	2.30	0.02	Not required
Ant9		0.384		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.276	5mm	22.5	-69	-2.84	142.7	2.30	0.02	Not required
Ant9		0.384		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							



BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.5 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.020	1.020	5mm	22.5	-69	-2.84	134.2	2.43	0.03	Not required
Ant10		0.518	1.410	5mm	-17.8	59	-3.31				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.020	5mm	22.5	-69	-2.84	152.6	2.43	0.02	Not required
Ant10		0.518	1.410	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant0	Back	1.020	1.020	5mm	22.5	-69	-2.84	142.7	2.43	0.03	Not required
Ant10		0.518	1.410	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.6 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	143.6	2.09	0.02	Not required
Ant1		0.512	1.404	5mm	20	58.3	-2.93				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	148.9	2.09	0.02	Not required
Ant1		0.512	1.404	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	135.6	2.09	0.02	Not required
Ant1		0.512	1.404	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	143.8	2.05	0.02	Not required
Ant4		0.468	1.360	5mm	-34.8	65	-3.1				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	148.9	2.05	0.02	Not required
Ant4		0.468	1.360	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	135.6	2.05	0.02	Not required
Ant4		0.468	1.360	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	136.1	1.99	0.02	Not required
Ant7		0.414	1.306	5mm	27	47.8	-3.11				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	148.9	1.99	0.02	Not required
Ant7		0.414	1.306	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant2	Back	0.686	0.686	5mm	-23.9	-78.4	-2.83	135.6	1.99	0.02	Not required
Ant7		0.414	1.306	5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							



BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.9 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.686	1.276	5mm	-23.9	-78.4	-2.83	146.3	1.96	0.02	Not required
Ant9		0.384		5mm	31.6	57	-3.14				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant2	Back	0.686	1.276	5mm	-23.9	-78.4	-2.83	148.9	1.96	0.02	Not required
Ant9		0.384		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant2	Back	0.686	1.276	5mm	-23.9	-78.4	-2.83	135.6	1.96	0.02	Not required
Ant9		0.384		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.10 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.686	1.410	5mm	-23.9	-78.4	-2.83	137.5	2.10	0.02	Not required
Ant10		0.518		5mm	-17.8	59	-3.31				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant2	Back	0.686	1.410	5mm	-23.9	-78.4	-2.83	148.9	2.10	0.02	Not required
Ant10		0.518		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant2	Back	0.686	1.410	5mm	-23.9	-78.4	-2.83	135.6	2.10	0.02	Not required
Ant10		0.518		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.563	1.404	5mm	-39.6	-67.2	-3.19	138.9	1.97	0.02	Not required
Ant1		0.512		5mm	20	58.3	-2.93				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.404	5mm	-39.6	-67.2	-3.19	136.6	1.97	0.02	Not required
Ant1		0.512		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.404	5mm	-39.6	-67.2	-3.19	122.5	1.97	0.02	Not required
Ant1		0.512		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.563	1.360	5mm	-39.6	-67.2	-3.19	132.3	1.92	0.02	Not required
Ant4		0.468		5mm	-34.8	65	-3.1				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.360	5mm	-39.6	-67.2	-3.19	136.6	1.92	0.02	Not required
Ant4		0.468		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.360	5mm	-39.6	-67.2	-3.19	122.5	1.92	0.02	Not required
Ant4		0.468		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							



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BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.563	1.306	5mm	-39.6	-67.2	-3.19	132.9	1.87	0.02	Not required
Ant7		0.414		5mm	27	47.8	-3.11				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.306	5mm	-39.6	-67.2	-3.19	136.6	1.87	0.02	Not required
Ant7		0.414		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.306	5mm	-39.6	-67.2	-3.19	122.5	1.87	0.02	Not required
Ant7		0.414		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.563	1.276	5mm	-39.6	-67.2	-3.19	143.2	1.84	0.02	Not required
Ant9		0.384		5mm	31.6	57	-3.14				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.276	5mm	-39.6	-67.2	-3.19	136.6	1.84	0.02	Not required
Ant9		0.384		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.276	5mm	-39.6	-67.2	-3.19	122.5	1.84	0.02	Not required
Ant9		0.384		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				
No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.563	1.410	5mm	-39.6	-67.2	-3.19	128.1	1.97	0.02	Not required
Ant10		0.518		5mm	-17.8	59	-3.31				
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.410	5mm	-39.6	-67.2	-3.19	136.6	1.97	0.02	Not required
Ant10		0.518		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm	-41.8	69.4	-3.01				
BT Ant6		0.193		5mm							
Ant8	Back	0.563	1.410	5mm	-39.6	-67.2	-3.19	122.5	1.97	0.02	Not required
Ant10		0.518		5mm							
WLAN2.4GHz Ant6+3		0.699		5mm							
BT Ant6		0.193		5mm	-48.2	55	-2.98				

No.16 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Side	1.030	0.973	5mm	-4.4	36	-3.45	103.6	2.00	0.03	Not required
Ant1		0.119		5mm	-3.5	-67.6	-2.93				
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	0.973	5mm	-4.4	36	-3.45	84.4	2.00	0.03	Not required
Ant1		0.119		5mm							
WLAN2.4GHz Ant6+3		0.658		5mm	-9.8	-48.2	-3.01				
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	0.973	5mm	-4.4	36	-3.45	91.6	2.00	0.03	Not required
Ant1		0.119		5mm							



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WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm	-10.2	-55.4	-3.39				
No.17 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	110.9	1.99	0.03	Not required
Ant4		0.104	0.958	5mm	-1.6	-74.9	-2.94				
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	84.4	1.99	0.03	Not required
Ant4		0.104	0.958	5mm							
WLAN2.4GHz Ant6+3		0.658		5mm	-9.8	-48.2	-3.01				
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	91.6	1.99	0.03	Not required
Ant4		0.104	0.958	5mm							
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm	-10.2	-55.4	-3.39				
No.18 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	82.6	1.89	0.03	Not required
Ant7		0.009	0.863	5mm	-4.6	-46.6	-3.18				
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	84.4	1.89	0.03	Not required
Ant7		0.009	0.863	5mm							
WLAN2.4GHz Ant6+3		0.658		5mm	-9.8	-48.2	-3.01				
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	91.6	1.89	0.03	Not required
Ant7		0.009	0.863	5mm							
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm	-10.2	-55.4	-3.39				
No.19 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	69.1	1.88	0.04	Not required
Ant9		0.000	0.854	5mm	-5.1	-33.1	-3.28				
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	84.4	1.88	0.03	Not required
Ant9		0.000	0.854	5mm							
WLAN2.4GHz Ant6+3		0.658		5mm	-9.8	-48.2	-3.01				
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	91.6	1.88	0.03	Not required
Ant9		0.000	0.854	5mm							
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm	-10.2	-55.4	-3.39				
No.20 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	79.9	1.96	0.03	Not required
Ant10		0.077	0.931	5mm	-7.9	-43.8	-3.26				
WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	84.4	1.96	0.03	Not required
Ant10		0.077	0.931	5mm							
WLAN2.4GHz Ant6+3		0.658		5mm	-9.8	-48.2	-3.01				
BT Ant6		0.196		5mm							
Ant8	Right Side	1.030	1.030	5mm	-4.4	36	-3.45	91.6	1.96	0.03	Not required
Ant10		0.077	0.931	5mm							



WLAN2.4GHz Ant6+3		0.658		5mm							
BT Ant6		0.196		5mm	-10.2	-55.4	-3.39				

<Body-worn>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Front	1.041	1.191	5mm	-24.5	-81.5	-2.98	164.4	2.23	0.02	Not required
Ant1		0.843		5mm	-18.5	82.8	-2.3				
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm							
Ant0	Front	1.041	1.191	5mm	-24.5	-81.5	-2.98	162.8	2.23	0.02	Not required
Ant1		0.843		5mm							
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67				
Bluetooth Ant6		0.053		5mm							
Ant0	Front	1.041	1.191	5mm	-24.5	-81.5	-2.98	152.4	2.23	0.02	Not required
Ant1		0.843		5mm							
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm	39	57	-2.66				
No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Front	1.041	0.773	5mm	-24.5	-81.5	-2.98	163.6	1.81	0.01	Not required
Ant4		0.425		5mm	7	79	-3.73				
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm							
Ant0	Front	1.041	0.773	5mm	-24.5	-81.5	-2.98	162.8	1.81	0.02	Not required
Ant4		0.425		5mm							
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67				
Bluetooth Ant6		0.053		5mm							
Ant0	Front	1.041	0.773	5mm	-24.5	-81.5	-2.98	152.4	1.81	0.02	Not required
Ant4		0.425		5mm							
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm	39	57	-2.66				
No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Front	1.041	0.810	5mm	-24.5	-81.5	-2.98	132.4	1.85	0.02	Not required
Ant7		0.462		5mm	-40	50	-2.89				
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm							
Ant0	Front	1.041	0.810	5mm	-24.5	-81.5	-2.98	162.8	1.85	0.02	Not required
Ant7		0.462		5mm							
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67				
Bluetooth Ant6		0.053		5mm							
Ant0	Front	1.041	0.810	5mm	-24.5	-81.5	-2.98	152.4	1.85	0.02	Not required
Ant7		0.462		5mm							
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm	39	57	-2.66				
No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Front	1.041	1.056	5mm	-24.5	-81.5	-2.98	110.7	2.10	0.03	Not required
Ant9		0.708		5mm	-42.6	27.7	-3.5				
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm							
Ant0	Front	1.041	1.056	5mm	-24.5	-81.5	-2.98	162.8	2.10	0.02	Not required
Ant9		0.708		5mm							
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67				



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Bluetooth Ant6		0.053		5mm								
Ant0	Front	1.041	1.041	5mm	-24.5	-81.5	-2.98	152.4	2.10	0.02	Not required	
Ant9		0.708	1.056	5mm								
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm	39	57	-2.66					
No.5 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	162.1	2.46	0.02	Not required	
Ant1		0.843	1.191	5mm	-18.5	82.8	-2.3					
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm								
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	150.0	2.46	0.03	Not required	
Ant1		0.843	1.191	5mm								
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67					
Bluetooth Ant6		0.053		5mm								
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	133.1	2.46	0.03	Not required	
Ant1		0.843	1.191	5mm								
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm	39	57	-2.66					
No.6 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	154.3	2.05	0.02	Not required	
Ant4		0.425	0.773	5mm	7	79	-3.73					
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm								
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	150.0	2.05	0.02	Not required	
Ant4		0.425	0.773	5mm								
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67					
Bluetooth Ant6		0.053		5mm								
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	133.1	2.05	0.02	Not required	
Ant4		0.425	0.773	5mm								
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm	39	57	-2.66					
No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	138.4	2.08	0.02	Not required	
Ant7		0.462	0.810	5mm	-40	50	-2.89					
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm								
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	150.0	2.08	0.02	Not required	
Ant7		0.462	0.810	5mm								
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67					
Bluetooth Ant6		0.053		5mm								
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	133.1	2.08	0.02	Not required	
Ant7		0.462	0.810	5mm								
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm	39	57	-2.66					
No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	120.0	2.33	0.03	Not required	
Ant9		0.708	1.056	5mm	-42.6	27.7	-3.5					
WLAN5GHz Ant5+4		0.295		5mm								
Bluetooth Ant6		0.053		5mm								
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	150.0	2.33	0.02	Not required	
Ant9		0.708	1.056	5mm								
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67					



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Bluetooth Ant6		0.053		5mm							
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	133.1	2.33	0.03	Not required
Ant9		0.708	1.056	5mm							
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm	39	57	-2.66				
No.9 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	151.2	1.66	0.01	Not required
Ant10		0.034	0.382	5mm	25.5	76.4	-3.67				
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm							
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	150.0	1.66	0.01	Not required
Ant10		0.034	0.382	5mm							
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67				
Bluetooth Ant6		0.053		5mm							
Ant2	Front	1.273	1.273	5mm	20	-74.7	-2.1	133.1	1.66	0.02	Not required
Ant10		0.034	0.382	5mm							
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm	39	57	-2.66				
No.10 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Front	0.617	0.617	5mm	34.4	-35.7	-3.8	129.8	1.81	0.02	Not required
Ant1		0.843	1.191	5mm	-18.5	82.8	-2.3				
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm							
Ant8	Front	0.617	0.617	5mm	34.4	-35.7	-3.8	112.0	1.81	0.02	Not required
Ant1		0.843	1.191	5mm							
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67				
Bluetooth Ant6		0.053		5mm							
Ant8	Front	0.617	0.617	5mm	34.4	-35.7	-3.8	92.8	1.81	0.03	Not required
Ant1		0.843	1.191	5mm							
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm	39	57	-2.66				
No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Front	0.617	0.617	5mm	34.4	-35.7	-3.8	99.7	1.67	0.02	Not required
Ant9		0.708	1.056	5mm	-42.6	27.7	-3.5				
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm							
Ant8	Front	0.617	0.617	5mm	34.4	-35.7	-3.8	112.0	1.67	0.02	Not required
Ant9		0.708	1.056	5mm							
WLAN5GHz Ant5+4		0.295		5mm	19.4	75.3	-2.67				
Bluetooth Ant6		0.053		5mm							
Ant8	Front	0.617	0.617	5mm	34.4	-35.7	-3.8	92.8	1.67	0.02	Not required
Ant9		0.708	1.056	5mm							
WLAN5GHz Ant5+4		0.295		5mm							
Bluetooth Ant6		0.053		5mm	39	57	-2.66				

No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	127.3	2.79	0.04	Not required
Ant1		0.893	1.498	5mm	20	58.3	-2.93				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	169.2	2.79	0.02760	Not required
Ant1		0.893	1.498	5mm							



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WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	142.7	2.79	0.03	Not required
Ant1		0.893	1.498	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	145.7	2.78	0.03	Not required
Ant4		0.877	1.482	5mm	-34.8	65	-3.1				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	169.2	2.78	0.03	Not required
Ant4		0.877	1.482	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	142.7	2.78	0.03	Not required
Ant4		0.877	1.482	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	116.9	2.79	0.04	Not required
Ant7		0.886	1.491	5mm	27	47.8	-3.11				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	169.2	2.79	0.03	Not required
Ant7		0.886	1.491	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	142.7	2.79	0.03	Not required
Ant7		0.886	1.491	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	126.3	2.79	0.04	Not required
Ant9		0.891	1.496	5mm	31.6	57	-3.14				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	169.2	2.79	0.03	Not required
Ant9		0.891	1.496	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	142.7	2.79	0.03	Not required
Ant9		0.891	1.496	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.16 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	134.2	2.78	0.03	Not required
Ant10		0.882	1.487	5mm	-17.8	59	-3.31				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	169.2	2.78	0.03	Not required
Ant10		0.882	1.487	5mm							



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WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant0	Back	1.296	1.296	5mm	22.5	-69	-2.84	142.7	2.78	0.03	Not required
Ant10		0.882	1.487	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.17 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	143.6	2.92	0.03	Not required
Ant1		0.893	1.498	5mm	20	58.3	-2.93				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	168.0	2.92	0.03	Not required
Ant1		0.893	1.498	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	135.6	2.92	0.04	Not required
Ant1		0.893	1.498	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.18 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	143.8	2.90	0.03	Not required
Ant4		0.877	1.482	5mm	-34.8	65	-3.1				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	168.0	2.90	0.03	Not required
Ant4		0.877	1.482	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	135.6	2.90	0.04	Not required
Ant4		0.877	1.482	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.19 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	136.1	2.91	0.04	Not required
Ant7		0.886	1.491	5mm	27	47.8	-3.11				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	168.0	2.91	0.03	Not required
Ant7		0.886	1.491	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	135.6	2.91	0.04	Not required
Ant7		0.886	1.491	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.20 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	146.3	2.92	0.03	Not required
Ant9		0.891	1.496	5mm	31.6	57	-3.14				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	168.0	2.92	0.03	Not required
Ant9		0.891	1.496	5mm							



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WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	135.6	2.92	0.04	Not required
Ant9		0.891	1.496	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.21 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	137.5	2.91	0.04	Not required
Ant10		0.882	1.487	5mm	-17.8	59	-3.31				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	168.0	2.91	0.03	Not required
Ant10		0.882	1.487	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant2	Back	1.420	1.420	5mm	-23.9	-78.4	-2.83	135.6	2.91	0.04	Not required
Ant10		0.882	1.487	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.22 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	138.9	2.79	0.03	Not required
Ant1		0.893	1.498	5mm	20	58.3	-2.93				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	156.2	2.79	0.03	Not required
Ant1		0.893	1.498	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	122.5	2.79	0.04	Not required
Ant1		0.893	1.498	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.23 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	132.3	2.77	0.03	Not required
Ant4		0.877	1.482	5mm	-34.8	65	-3.1				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	156.2	2.77	0.03	Not required
Ant4		0.877	1.482	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	122.5	2.77	0.04	Not required
Ant4		0.877	1.482	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.24 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	132.9	2.78	0.03	Not required
Ant7		0.886	1.491	5mm	27	47.8	-3.11				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	156.2	2.78	0.03	Not required
Ant7		0.886	1.491	5mm							



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WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	122.5	2.78	0.04	Not required
Ant7		0.886	1.491	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.25 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	143.2	2.79	0.03	Not required
Ant9		0.891	1.496	5mm	31.6	57	-3.14				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	156.2	2.79	0.03	Not required
Ant9		0.891	1.496	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	122.5	2.79	0.04	Not required
Ant9		0.891	1.496	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				
No.26 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	128.1	2.78	0.04	Not required
Ant10		0.882	1.487	5mm	-17.8	59	-3.31				
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	156.2	2.78	0.03	Not required
Ant10		0.882	1.487	5mm							
WLAN5GHz Ant5+4		0.414		5mm	-38	89	-2.98				
Bluetooth Ant6		0.191		5mm							
Ant8	Back	1.290	1.290	5mm	-39.6	-67.2	-3.19	122.5	2.78	0.04	Not required
Ant10		0.882	1.487	5mm							
WLAN5GHz Ant5+4		0.414		5mm							
Bluetooth Ant6		0.191		5mm	-48.2	55	-2.98				

<Sensor off>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Front	0.502	0.502	13mm	-24.1	-81.1	-2.98	165.0	1.61	0.01	Not required
Ant1		0.396	1.106	13mm	-17.5	83.8	-3.2				
WLAN2.4GHz Ant6+3		0.272		13mm							
WLAN5GHz Ant5+4		0.438		13mm							
Ant0	Front	0.502	0.502	13mm	-24.1	-81.1	-2.98	163.0	1.61	0.01	Not required
Ant1		0.396	1.106	13mm							
WLAN2.4GHz Ant6+3		0.272		13mm	19.8	75.9	-2.63				
WLAN5GHz Ant5+4		0.438		13mm							
Ant0	Front	0.502	0.502	13mm	-24.1	-81.1	-2.98	162.3	1.61	0.01	Not required
Ant1		0.396	1.106	13mm							
WLAN2.4GHz Ant6+3		0.272		13mm							
WLAN5GHz Ant5+4		0.438		13mm	19.4	75.3	-2.67				
No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	0.618	0.618	13mm	20	-74.7	-2.1	162.9	1.72	0.01	Not required
Ant1		0.396	1.106	13mm	-17.5	83.8	-3.2				
WLAN2.4GHz Ant6+3		0.272		13mm							
WLAN5GHz Ant5+4		0.438		13mm							



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Ant2	Front	0.618	0.618	13mm	20	-74.7	-2.1	150.6	1.72	0.02	Not required
Ant1		0.396	1.106	13mm							
WLAN2.4GHz Ant6+3		0.272		13mm	19.8	75.9	-2.63				
WLAN5GHz Ant5+4		0.438		13mm							
Ant2	Front	0.618	0.618	13mm	20	-74.7	-2.1	150.0	1.72	0.02	Not required
Ant1		0.396	1.106	13mm							
WLAN2.4GHz Ant6+3		0.272		13mm							
WLAN5GHz Ant5+4		0.438		13mm	19.4	75.3	-2.67				
No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	0.618	0.618	13mm	20	-74.7	-2.1	120.0	1.69	0.02	Not required
Ant9		0.364	1.074	13mm	-42.6	27.7	-3.5				
WLAN2.4GHz Ant6+3		0.272		13mm							
WLAN5GHz Ant5+4		0.438		13mm							
Ant2	Front	0.618	0.618	13mm	20	-74.7	-2.1	150.6	1.69	0.01	Not required
Ant9		0.364	1.074	13mm							
WLAN2.4GHz Ant6+3		0.272		13mm	19.8	75.9	-2.63				
WLAN5GHz Ant5+4		0.438		13mm							
Ant2	Front	0.618	0.618	13mm	20	-74.7	-2.1	150.0	1.69	0.01	Not required
Ant9		0.364	1.074	13mm							
WLAN2.4GHz Ant6+3		0.272		13mm							
WLAN5GHz Ant5+4		0.438		13mm	19.4	75.3	-2.67				

No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	133.1	2.57	0.03	Not required
Ant1		0.622	1.900	16mm	20	58.3	-2.93				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	173.4	2.57	0.02380	Not required
Ant1		0.622	1.900	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	180.2	2.57	0.02	Not required
Ant1		0.622	1.900	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.5 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	149.7	2.57	0.03	Not required
Ant4		0.613	1.891	16mm	-34.8	65	-3.1				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	173.4	2.57	0.02	Not required
Ant4		0.613	1.891	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	180.2	2.57	0.02	Not required
Ant4		0.613	1.891	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.6 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	122.9	2.51	0.03	Not required
Ant7		0.557	1.835	16mm	27	47.8	-3.11				
WLAN5GHz Ant5+4		0.721		16mm							



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WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	173.4	2.51	0.02	Not required
Ant7		0.557	1.835	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	180.2	2.51	0.02	Not required
Ant7		0.557	1.835	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	135.9	2.32	0.03	Not required
Ant9		0.372	1.650	16mm	36.4	60	-3.01				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	173.4	2.32	0.02	Not required
Ant9		0.372	1.650	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	180.2	2.32	0.02	Not required
Ant9		0.372	1.650	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	138.7	2.57	0.03	Not required
Ant10		0.614	1.892	16mm	-17.8	59	-3.31				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	173.4	2.57	0.02	Not required
Ant10		0.614	1.892	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant0	Back	0.674	0.674	16mm	18.8	-74.8	-2.8	180.2	2.57	0.02	Not required
Ant10		0.614	1.892	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.9 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	143.6	2.58	0.03	Not required
Ant1		0.622	1.900	16mm	20	58.3	-2.93				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	168.0	2.58	0.02	Not required
Ant1		0.622	1.900	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	173.6	2.58	0.02	Not required
Ant1		0.622	1.900	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.10 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	143.8	2.57	0.03	Not required
Ant4		0.613	1.891	16mm	-34.8	65	-3.1				
WLAN5GHz Ant5+4		0.721		16mm							



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WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	168.0	2.57	0.02	Not required
Ant4		0.613	1.891	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	173.6	2.57	0.02	Not required
Ant4		0.613	1.891	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	136.1	2.52	0.03	Not required
Ant7		0.557	1.835	16mm	27	47.8	-3.11				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	168.0	2.52	0.02	Not required
Ant7		0.557	1.835	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	173.6	2.52	0.02	Not required
Ant7		0.557	1.835	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	151.0	2.33	0.02	Not required
Ant9		0.372	1.650	16mm	36.4	60	-3.01				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	168.0	2.33	0.02	Not required
Ant9		0.372	1.650	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	173.6	2.33	0.02	Not required
Ant9		0.372	1.650	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	137.5	2.57	0.03	Not required
Ant10		0.614	1.892	16mm	-17.8	59	-3.31				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	168.0	2.57	0.02	Not required
Ant10		0.614	1.892	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant2	Back	0.681	0.681	16mm	-23.9	-78.4	-2.83	173.6	2.57	0.02	Not required
Ant10		0.614	1.892	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	138.9	2.28	0.02	Not required
Ant1		0.622	1.900	16mm	20	58.3	-2.93				
WLAN5GHz Ant5+4		0.721		16mm							



WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	156.2	2.28	0.02	Not required
Ant1		0.622	1.900	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	161.3	2.28	0.02	Not required
Ant1		0.622	1.900	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	132.3	2.27	0.03	Not required
Ant4		0.613	1.891	16mm	-34.8	65	-3.1				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	156.2	2.27	0.02	Not required
Ant4		0.613	1.891	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	161.3	2.27	0.02	Not required
Ant4		0.613	1.891	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.16 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	132.9	2.21	0.02	Not required
Ant7		0.557	1.835	16mm	27	47.8	-3.11				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	156.2	2.21	0.02	Not required
Ant7		0.557	1.835	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	161.3	2.21	0.02	Not required
Ant7		0.557	1.835	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.17 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	148.2	2.03	0.02	Not required
Ant9		0.372	1.650	16mm	36.4	60	-3.01				
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	156.2	2.03	0.02	Not required
Ant9		0.372	1.650	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	161.3	2.03	0.02	Not required
Ant9		0.372	1.650	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				
No.18 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	128.1	2.27	0.03	Not required
Ant10		0.614	1.892	16mm	-17.8	59	-3.31				
WLAN5GHz Ant5+4		0.721		16mm							



WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	156.2	2.27	0.02	Not required
Ant10		0.614	1.892	16mm							
WLAN5GHz Ant5+4		0.721		16mm	-38	89	-2.98				
WLAN2.4GHz Ant6+3		0.557		16mm							
Ant8	Back	0.375	0.375	16mm	-39.6	-67.2	-3.19	161.3	2.27	0.02	Not required
Ant10		0.614	1.892	16mm							
WLAN5GHz Ant5+4		0.721		16mm							
WLAN2.4GHz Ant6+3		0.557		16mm	-44.3	94	-3.03				

<Extremity>

No.1 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Front	3.185	3.185	0mm	-25.6	-89.9	-2.95	169.6	5.87	0.08	Not required
Ant1		1.898	2.681	0mm	-32.5	79.6	-2.93				
WLAN5GHz Ant5+4		0.782		0mm							
NFC		0.001		0mm							
Ant0	Front	3.185	3.185	0mm	22.9	-91	-2.71	166.3	5.87	0.09	Not required
Ant1		1.898	2.681	0mm							
WLAN5GHz Ant5+4		0.782		0mm	19.4	75.3	-2.67				
NFC		0.001		0mm							
Ant0	Front	3.185	3.185	0mm	-25.6	-89.9	-2.95	149.2	5.87	0.10	Not required
Ant1		1.898	2.681	0mm							
WLAN5GHz Ant5+4		0.782		0mm							
NFC		0.001		0mm	-21.1	59.2	-3.2				
No.2 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	2.429	2.429	0mm	19.2	-81.4	-2.76	169.1	5.11	0.07	Not required
Ant1		1.898	2.681	0mm	-32.5	79.6	-2.93				
WLAN5GHz Ant5+4		0.782		0mm							
NFC		0.001		0mm							
Ant2	Front	2.429	2.429	0mm	19.2	-81.4	-2.76	156.7	5.11	0.07	Not required
Ant1		1.898	2.681	0mm							
WLAN5GHz Ant5+4		0.782		0mm	19.4	75.3	-2.67				
NFC		0.001		0mm							
Ant2	Front	2.429	2.429	0mm	19.2	-81.4	-2.76	124.3	5.11	0.09	Not required
Ant1		1.898	2.681	0mm							
WLAN5GHz Ant5+4		0.782		0mm							
NFC		0.001		0mm	-21.1	36.2	-3.2				

No.3 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	157.6	6.21	0.10	Not required
Ant1		2.459	3.040	0mm	20	79.3	-2.93				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	15.1	-78.9	-2.89	157.5	6.21	0.10	Not required
Ant1		2.459	3.040	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	156.7	6.21	0.10	Not required
Ant1		2.459	3.040	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.4 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	159.7	4.83	0.07	Not required
Ant4		1.086	1.667	0mm	-26	75	-3.1				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	158.2	4.83	0.07	Not required
Ant4		1.086	1.667	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	156.7	4.83	0.07	Not required
Ant4		1.086	1.667	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.5 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	156.3	6.10	0.10	Not required
Ant7		2.349	2.930	0mm	27	77.8	-3.11				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	158.2	6.10	0.10	Not required
Ant7		2.349	2.930	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	156.7	6.10	0.10	Not required
Ant7		2.349	2.930	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.6 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	119.8	5.07	0.10	Not required
Ant9		1.323	1.904	0mm	37.5	40	-3.02				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	158.2	5.07	0.07	Not required
Ant9		1.323	1.904	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	156.7	5.07	0.07	Not required
Ant9		1.323	1.904	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.7 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Back	3.167	3.167	0mm	15.1	-78.9	-2.89	155.4	6.21	0.10	Not required
Ant10		2.463	3.044	0mm	-17.8	73	-3.31				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	15.1	-78.9	-2.89	157.5	6.21	0.10	Not required
Ant10		2.463	3.044	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant0	Back	3.167	3.167	0mm	18.8	-78.3	-2.8	156.7	6.21	0.10	Not required
Ant10		2.463	3.044	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.8 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	161.8	6.06	0.09	Not required
Ant1		2.459	3.040	0mm	20	79.3	-2.93				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	149.4	6.06	0.10	Not required
Ant1		2.459	3.040	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	159.0	6.06	0.09	Not required
Ant1		2.459	3.040	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.9 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	153.7	4.69	0.07	Not required
Ant4		1.086	1.667	0mm	-26	75	-3.1				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	149.4	4.69	0.07	Not required
Ant4		1.086	1.667	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	159.0	4.69	0.06	Not required
Ant4		1.086	1.667	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.10 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	162.0	5.95	0.09	Not required
Ant7		2.349	2.930	0mm	27	77.8	-3.11				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	149.4	5.95	0.10	Not required
Ant7		2.349	2.930	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	159.0	5.95	0.09	Not required
Ant7		2.349	2.930	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.11 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	130.0	4.92	0.08	Not required
Ant9		1.323	1.904	0mm	37.5	40	-3.02				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	149.4	4.92	0.07	Not required
Ant9		1.323	1.904	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	159.0	4.92	0.07	Not required
Ant9		1.323	1.904	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				
No.12 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	151.4	6.06	0.10	Not required
Ant10		2.463	3.044	0mm	-17.8	73	-3.31				
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-16.1	-78.4	-2.86	149.4	6.06	0.10	Not required
Ant10		2.463	3.044	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm	-37.8	69.4	-3.01				
NFC		0.017		0mm							
Ant2	Back	3.018	3.018	0mm	-24.1	-78.4	-2.86	160.6	6.06	0.09	Not required
Ant10		2.463	3.044	0mm							
WLAN2.4GHz Ant6+3		0.564		0mm							
NFC		0.017		0mm	11.6	78.2	-2.77				

No.13 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	146.9	4.67	0.07	Not required
Ant1		1.916	2.072	0mm	-4.5	69.4	-2.84				
WLAN5GHz Ant5+4		0.155		0mm							
NFC		0.001		0mm							
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	133.1	4.67	0.08	Not required
Ant1		1.916	2.072	0mm							
WLAN5GHz Ant5+4		0.155		0mm	-3	55.5	-3.16				
NFC		0.001		0mm							
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	131.2	4.67	0.08	Not required
Ant1		1.916	2.072	0mm							
WLAN5GHz Ant5+4		0.155		0mm							
NFC		0.001		0mm	-6.8	53.6	-3.27				
No.14 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	132.6	5.26	0.09	Not required
Ant7		2.510	2.666	0mm	-7.8	55	-3.26				
WLAN5GHz Ant5+4		0.155		0mm							
NFC		0.001		0mm							
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	133.1	5.26	0.09	Not required
Ant7		2.510	2.666	0mm							
WLAN5GHz Ant5+4		0.155		0mm	-3	55.5	-3.16				
NFC		0.001		0mm							
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	131.2	5.26	0.09	Not required
Ant7		2.510	2.666	0mm							
WLAN5GHz Ant5+4		0.155		0mm							
NFC		0.001		0mm	-6.8	53.6	-3.27				
No.15 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	120.6	5.24	0.10	Not required
Ant9		2.486	2.642	0mm	-4.9	43	-3.1				
WLAN5GHz Ant5+4		0.155		0mm							
NFC		0.001		0mm							
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	133.1	5.24	0.09	Not required
Ant9		2.486	2.642	0mm							
WLAN5GHz Ant5+4		0.155		0mm	-3	55.5	-3.16				
NFC		0.001		0mm							
Ant0	Left Side	2.593	2.593	0mm	-6	-77.4	3.02	131.2	5.24	0.09	Not required
Ant9		2.486	2.642	0mm							
WLAN5GHz Ant5+4		0.155		0mm							
NFC		0.001		0mm	-6.8	53.6	-3.27				



No.16 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Side	3.226	3.226	0mm	-9.2	42.4	-3.33	90.6	4.20	0.10	Not required
WLAN2.4GHz Ant6+3		0.973	0.974	0mm	-9.8	-48.2	-3.01				
NFC		0.001		0mm							
Ant8	Right Side	3.226	3.226	0mm	-9.2	42.4	-3.33	88.6	4.20	0.10	Not required
WLAN2.4GHz Ant6+3		0.973	0.974	0mm							
NFC		0.001		0mm	-4.6	-46.1	-3.26				

17.7 Maximum Reported SAR and SAR Peak Locations

General Note:

1. The maximum reported SAR and SAR Peak Locations corresponding to each position of each frequency band of each antenna in the below tables are as follows.
2. The unit of SAR evaluation is W/kg. The unit of x, y, z with Axis evaluation is mm.

<Head>

Right Cheek													
Band		Ant1			Ant7			Ant8			Ant9		
GSM850	SAR	0.597											
	Axis	3.54	-21.53	-3.32									
GSM1900	SAR	0.751									0.388		
	Axis	4.16	-24.76	-2.38							51.55	-14.11	-1.41
WCDMA II	SAR	0.740									0.886		
	Axis	3.46	-26.23	-2.28							53.92	-13.9	-1.61
WCDMA IV	SAR	0.572									0.230		
	Axis	4.81	-26.58	-2.15							55.21	-14.04	-1.36
WCDMA V	SAR	0.871											
	Axis	3.08	-19.61	-2.13									
LTE Band 25	SAR	0.688									0.892		
	Axis	3.08	-28.33	-2.13							56.14	-14.37	-0.89
LTE Band 66	SAR	0.730									0.463		
	Axis	3.14	-24.88	-2.65							45.9	-13.77	-2.5
LTE Band 26	SAR	0.808											
	Axis	7.31	-26.97	-3.06									
LTE Band 7	SAR	0.770									0.840		
	Axis	4.94	-26.25	-2.51							53.3	-13.97	-1.89
LTE Band 12	SAR	0.830											
	Axis	5.22	-26.43	-2.97									
LTE Band 13	SAR	0.760											
	Axis	7.3	-26.97	-3.07									
LTE Band 71	SAR	0.369											
	Axis	3.56	-23.76	-3.22									
LTE Band 41	SAR	0.483									0.754		
	Axis	6.52	-24.18	-2.73							45.9	-13.42	-0.89
LTE Band 42	SAR				0.886			0.297					
	Axis				42.28	-16.67	-3.5	38.81	69.35	-5.39			
FR1 n2	SAR	0.743											
	Axis	3.55	-24.39	-2.19									
FR1 n26	SAR	0.888											
	Axis	5.32	-26.58	-3.29									
FR1 n7	SAR	0.815											
	Axis	5.12	-26.32	-2.83									
FR1 n66	SAR	0.700											
	Axis	3.22	-23.98	-3.19									
FR1 n71	SAR	0.528											



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	Axis	3.61	-25.32	-2.84									
FR1 n41	SAR	0.879						0.740					
	Axis	4.25	-25.19	-2.89							50.23	-14.06	-1.63
FR1 n77	SAR				0.882			0.690					
	Axis				44.29	-23.71	-2.38	40.12	72.51	-5.48			
WLAN5GHz Ant5+4	SAR (W/kg)	0.228						0.068					
	Axis	-21.49	15.39	1.61									
						Bluetooth Ant6	SAR (W/kg)						
							Axis	-0.06	16.51	2.59			



Left Cheek																			
Band		Ant0			Ant1			Ant2			Ant9			Ant4			Ant8		
GSM850	SAR	0.137			0.380														
	Axis	47.71	-69.93	-4.31	-22.38	-3.51	1.2												
GSM1900	SAR	0.001			0.449			0.158			0.329								
	Axis	47.83	-70.02	-4.67	-22.11	-3.75	2.04	55.9	-69.78	-2.07	-12.16	-11.43	-1.26						
WCDMA II	SAR	0.081			0.497			0.158			0.603								
	Axis	48.05	-70.29	-4.98	-22.25	-2.78	2.03	54.68	-69.43	-2.07	-11.49	-11.87	-0.54						
WCDMA IV	SAR	0.000			0.399			0.121			0.207								
	Axis	47.75	-70.01	-5.42	-22.96	-4.52	1.2	54.5	-69.96	-2.09	-12.9	-12.19	0.15						
WCDMA V	SAR	0.289			0.480														
	Axis	48.15	-70.14	-5.13	-21.5	-4.13	1.49												
LTE Band 25	SAR	0.075			0.480			0.104			0.757								
	Axis	47.75	-70.25	-4.86	-21.99	-2.6	1.17	54.94	-69.56	-2.07	-13.11	-11.26	0.33						
LTE Band 66	SAR	0.000			0.500			0.123			0.411								
	Axis	48.31	-70.54	-5.27	-22.83	-4.03	1.47	54.97	-69.13	-2.11	-13.11	-10.76	-0.37						
LTE Band 26	SAR	0.283			0.532														
	Axis	48.04	-70.66	-5.36	-21.03	-3.26	2.09												
LTE Band 7	SAR	0.134			0.231			0.130			0.887								
	Axis	48.2	-70.59	-5.42	-22	-3.57	1.78	54.5	-69.09	-2.07	-11.93	-11.04	-0.3						
LTE Band 12	SAR	0.246			0.512														
	Axis	47.8	-70.27	-5.03	-21.67	-3.85	2.51												
LTE Band 13	SAR	0.238			0.485														
	Axis	48.03	-70.06	-5.35	-21.61	-4.09	1.35												
LTE Band 71	SAR	0.153			0.211														
	Axis	47.97	-70.12	-4.67	-21.21	-3.59	0.85												
LTE Band 41	SAR	0.060			0.133			0.064			0.779								
	Axis	48.3	-70.2	-4.67	-21.04	-4.41	1.77	56.04	-69.77	-2.07	-11.41	-11.29	0.33						
LTE Band 42	SAR													0.900			0.167		
	Axis													7.97	14.75	-3.25	45.43	-54.16	-4.56
FR1 n2	SAR				0.501			0.097											
	Axis				-21	-2.6	0.85	54.51	-69.92	-2.07									
FR1 n26	SAR	0.228			0.573														
	Axis	48.27	-70.44	-5.43	-22.03	-3.83	1.65												
FR1 n7	SAR				0.241			0.121											
	Axis				-21	-3.58	1.12	54.64	-69.56	-2.09									
FR1 n66	SAR				0.470			0.085											
	Axis				-22.29	-3.48	1.28	55.95	-69.95	-2.07									
FR1 n71	SAR	0.124			0.326														
	Axis	49.61	-75.51	-4.31	-22.71	-4.07	2.73												
FR1 n41	SAR	0.158			0.250			0.111			0.881								
	Axis	47.71	-70.89	-5.86	-22.05	-3.72	1.32	55.95	-69.49	-2.24	-12.58	-11.45	0.13						
FR1 n77	SAR													0.785			0.329		
	Axis													7.41	15.93	-2.95	46.77	-56.23	-4.87

WLAN5GHz Ant5+4	SAR (W/kg)	0.400		
	Axis	9.15	24.78	-3.02

Bluetooth Ant6	SAR (W/kg)	0.273		
	Axis	32.59	19.73	-2.9



<Hotspot>

Back																									
Band		Ant0			Ant1			Ant2			Ant9			Ant7			Ant4			Ant8			Ant10		
GSM850	SAR	0.765			0.442																				
	Axis	13.5	-78.3	-2.94	12	76.9	-2.88																		
GSM1900	SAR	1.281			0.452			0.484			0.496														
	Axis	25.5	-81.3	-2.7	20	58.3	-2.93	-24	-78.5	-2.87	37.5	60	-3.02												
WCDMA II	SAR	1.284			0.519			0.769			0.238														
	Axis	27	-78.3	-2.68	10.4	82.3	-2.77	-24	-79	-2.88	37.5	60	-3.02												
WCDMA IV	SAR	1.295			0.479			0.871			0.263														
	Axis	28.6	-78.2	-2.69	8.9	83.9	-2.76	-24	-79.9	-2.86	31.6	57	-3.14												
WCDMA V	SAR	1.154			0.659																				
	Axis	21.3	-73.7	-2.8	13.7	69	-2.97																		
LTE Band 25	SAR	1.283			0.446			0.777			0.232														
	Axis	27	-78	-2.75	16.6	79.6	-2.89	-24.1	-78.4	-2.86	40.3	64.7	-3.01												
LTE Band 66	SAR	1.283			0.568			0.604			0.227														
	Axis	31.2	-79.8	-2.68	12.1	82.4	-2.82	-23.9	-78.4	-2.83	37.2	64.7	-2.99												
LTE Band 26	SAR	1.268			0.617																				
	Axis	22.5	-69	-2.84	20.9	78.4	-2.78																		
LTE Band 7	SAR	1.269			0.481			0.689			0.250														
	Axis	18.8	-74.8	-2.8	19.2	84.2	-2.76	-24	-78.8	-2.86	36.4	60	-3.01												
LTE Band 12	SAR	1.042			0.465																				
	Axis	18.2	-76.8	-2.78	13.7	76.8	-2.83																		
LTE Band 13	SAR	1.277			0.573																				
	Axis	19.8	-73.7	-2.82	18.2	79.5	-2.79																		
LTE Band 71	SAR	0.622			0.140																				
	Axis	22.5	-73.7	-2.88	16.5	82	-2.82																		
LTE Band 41	SAR	1.251			0.516			0.645			0.154														
	Axis	20	-79.4	-2.74	19.2	86.6	-2.75	-24	-78.6	-2.86	39.5	61.2	-2.97												
LTE Band 42	SAR													0.393			0.611			0.733			0.629		
	Axis													27	47.8	-3.11	-34.8	65	-3.1	-47.6	-68.4	-2.98	-17.8	59	-3.31
FR1 n2	SAR				0.499			0.661																	
	Axis				20.1	79.5	-2.84	-24	-78.9	-2.87															
FR1 n26	SAR	1.215			0.620																				
	Axis	15.1	-78.3	-2.89	18.5	81.2	-2.91																		
FR1 n7	SAR				0.479			0.729																	
	Axis				16.8	79.5	-2.84	-24	-79	-2.89															
FR1 n66	SAR				0.472			0.678																	
	Axis				19.6	80.6	-2.79	-24	-78.6	-2.91															
FR1 n71	SAR	0.533			0.262																				
	Axis	18.5	-79.8	-2.91	17.5	80.4	-2.93																		
FR1 n41	SAR	1.287			0.490			0.729			0.312														
	Axis	19.3	-78.8	-2.86	18.7	79.6	-2.87	-24	-78.5	-2.85	39.5	60.5	-2.98												
FR1 n77	SAR													0.501			0.605			0.512			0.626		
	Axis													30	49.8	-3.04	-23	79.4	-3.16	-39.6	-67.2	-3.19	-28	59.2	-3.37

WLAN2.4GHz Ant6+3	SAR (W/kg)	0.699		
	Axis	-41.8	69.4	-3.01

Bluetooth Ant6	SAR (W/kg)	0.193		
	Axis	-48.2	55	-2.98

Right Side																			
Band		Ant1			Ant9			Ant7			Ant4			Ant8			Ant10		
GSM850	SAR	0.076																	
	Axis	-3.9	-68.2	-2.98															
GSM1900	SAR	0.021			0.000														
	Axis	-3.6	-68.7	-2.98	-4.3	-34.3	-3.31												
WCDMA II	SAR	0.015			0.000														



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	Axis	-3.2	-68.6	-2.98	-4.6	-33.8	-3.31												
WCDMA IV	SAR	0.019			0.000														
	Axis	-3.6	-69.2	-2.98	-3.9	-33.9	-3.31												
WCDMA V	SAR	0.094																	
	Axis	-3.1	-68.8	-2.98															
LTE Band 25	SAR	0.015			0.000														
	Axis	-3.3	-67.7	-2.95	-5.1	-33.1	-3.28												
LTE Band 66	SAR	0.025			0.000														
	Axis	-3.5	-68.5	-2.98	-4.1	-33.6	-3.39												
LTE Band 26	SAR	0.092																	
	Axis	-3.4	-68.4	-2.98															
LTE Band 7	SAR	0.010			0.000														
	Axis	-3.5	-67.6	-2.93	-4.5	-33.5	-3.41												
LTE Band 12	SAR	0.155																	
	Axis	-4.1	-68.2	-2.98															
LTE Band 13	SAR	0.000																	
	Axis	-3.2	-69.4	-2.98															
LTE Band 71	SAR	0.053																	
	Axis	-3.6	-68.4	-2.96															
LTE Band 41	SAR	0.000			0.000														
	Axis	-3.1	-68.9	-2.98	-5.2	-34.4	-3.33												
LTE Band 42	SAR							0.011			0.136			1.301			0.092		
	Axis							-4.6	-46.6	-3.18	-1.6	-74.9	-2.94	-9.2	42.4	-3.33	-7.9	-43.8	-3.26
FR1 n2	SAR	0.015																	
	Axis	-2.8	-68.8	-2.98															
FR1 n26	SAR	0.125																	
	Axis	-3	-68.4	-2.98															
FR1 n7	SAR	0.009																	
	Axis	-3.5	-68.6	-2.94															
FR1 n66	SAR	0.020																	
	Axis	-2.8	-68.8	-2.98															
FR1 n71	SAR	0.104																	
	Axis	-3.1	-68.6	-2.98															
FR1 n41	SAR	0.012			0.000														
	Axis	-2.9	-68.7	-2.98	-4.1	-33.8	-3.42												
FR1 n77	SAR							0.009			0.072			1.273			0.080		
	Axis							-4.9	-47.1	-3.18	-1.6	-75.3	-2.94	-4.4	36	-3.45	-8.1	-45.5	-3.26

WLAN2.4GHz Ant6+3	SAR (W/kg)	0.658		
	Axis	-9.8	-48.2	-3.01

Bluetooth Ant6	SAR (W/kg)	0.196		
	Axis	-10.2	-55.4	-3.39



<Body-worn>

Front																			
Band		Ant0			Ant1			Ant2			Ant9			Ant7			Ant4		
GSM850	SAR	0.803			0.349														
	Axis	-24.5	-81.5	-2.98	-18.1	83.7	-2.8												
GSM1900	SAR	0.928			0.843			0.433			0.377								
	Axis	-24.7	-82.3	-3.08	-18.6	83.1	-2.4	20.3	-75.2	-2.7	-43	28.1	-3						
WCDMA II	SAR	1.041			0.478			1.088			0.519								
	Axis	-25.3	-82	-3.3	-18.5	82.8	-2.3	19.4	-75.2	-2.7	-44.3	29.5	-3.9						
WCDMA IV	SAR	0.591			0.439			0.976			0.223								
	Axis	-24.9	-81.9	-3.23	-19.1	82.9	-2	20.5	-75.2	-2.6	-43.6	27.8	-3.4						
WCDMA V	SAR	0.554			0.497														
	Axis	-24.7	-82.1	-3.42	-17.2	84.6	-3.1												
LTE Band 25	SAR	0.922			0.433			1.193			0.417								
	Axis	-24.8	-82.2	-3.39	-17.5	83.8	-3.2	19.1	-75.6	-3.6	-44.4	29	-3.1						
LTE Band 66	SAR	0.830			0.482			1.103			0.435								
	Axis	-24.8	-81.9	-3.76	-17.6	84.3	-2.6	20.7	-74.8	-3.4	-42.6	27.7	-3.5						
LTE Band 26	SAR	0.524			0.308														
	Axis	-25.3	-82.1	-3.11	-17.6	83.1	-3.8												
LTE Band 7	SAR	0.575			0.398			1.167			0.708								
	Axis	-25.1	-81.9	-3.15	-17.8	84.1	-2.7	20	-75.5	-2.91	-43.4	28.6	-2.91						
LTE Band 12	SAR	0.440			0.311														
	Axis	-25.3	-81.6	-3.69	-18.2	82.8	-3.6												
LTE Band 13	SAR	0.678			0.424														
	Axis	-25.3	-82.1	-3.78	-17.4	83.7	-3.1												
LTE Band 71	SAR	0.242			0.087														
	Axis	-25.2	-81.7	-3.63	-17.5	83.3	-3.5												
LTE Band 41	SAR	0.452			0.397			1.191			0.589								
	Axis	-25.1	-82	-3.62	-18.6	84	-2	20.3	-75.9	-2.1	-42.7	29.5	-2						
LTE Band 42	SAR													0.418			0.425		
	Axis													-40	50	-2.89	7	79	-3.73
FR1 n2	SAR				0.479			1.194											
	Axis				-18.8	83.9	-3.2	20.8	-76.2	-2.2									
FR1 n26	SAR	0.555			0.496														
	Axis	-22.9	-81.5	-2.98	-18.4	83.5	-3.8												
FR1 n7	SAR				0.396			1.035											
	Axis				-18.7	83.6	-2.7	16	-83.2	-2.87									
FR1 n66	SAR				0.467			1.079											
	Axis				-17.9	82.9	-3	20	-74.7	-2.1									
FR1 n71	SAR	0.187			0.162														
	Axis	-23.2	-82.1	-3.38	-18.2	83	-2.9												
FR1 n41	SAR	0.664			0.408			1.035			0.609								
	Axis	-23.5	-81.9	-3.65	-18.5	83.4	-2.2	20.9	-75.9	-2.2	-43.1	29.1	-3.3						
FR1 n77	SAR													0.462			0.288		
	Axis													-41.2	53	-2.31	7.1	81.2	-3.61

WLAN5GHz Ant5+4	SAR (W/kg)	0.295		
	Axis	19.4	75.3	-2.67

Bluetooth Ant6	SAR (W/kg)	0.053		
	Axis	39	57	-2.66

Back																			
Band		Ant0			Ant1			Ant2			Ant9			Ant7			Ant4		
GSM850	SAR	0.851			0.442														
	Axis	13.5	-78.3	-2.94	12	76.9	-2.88												
GSM1900	SAR	1.266			0.873			0.484			0.516								
	Axis	25.5	-81.3	-2.7	20	58.3	-2.93	-24	-78.5	-2.87	37.5	60	-3.02						



	WCDMA II	SAR	1.296			0.883			1.292			0.875														
		Axis	27	-78.3	-2.68	10.4	82.3		-2.77	-24	-79	-2.88	37.5	60	-3.02											
	WCDMA IV	SAR	1.269			0.881			1.273			0.305														
		Axis	28.6	-78.2	-2.69	8.9	83.9		-2.76	-24	-79.9	-2.86	31.6	57	-3.14											
	WCDMA V	SAR	1.154			0.659																				
		Axis	21.3	-73.7	-2.8	13.7	69		-2.97																	
	LTE Band 25	SAR	1.274			0.886			1.267			0.883														
		Axis	27	-78	-2.75	16.6	79.6		-2.89	-24.1	-78.4	-2.86	40.3	64.7	-3.01											
	LTE Band 66	SAR	1.289			0.881			1.295			0.891														
		Axis	31.2	-79.8	-2.68	12.1	82.4		-2.82	-23.9	-78.4	-2.83	37.2	64.7	-2.99											
	LTE Band 26	SAR	1.268			0.646																				
		Axis	22.5	-69	-2.84	20.9	78.4		-2.78																	
	LTE Band 7	SAR	1.295			0.892			0.917			0.874														
		Axis	18.8	-74.8	-2.8	19.2	84.2		-2.76	-24	-78.8	-2.86	36.4	60	-3.01											
	LTE Band 12	SAR	1.042			0.465																				
		Axis	18.2	-76.8	-2.78	13.7	76.8		-2.83																	
	LTE Band 13	SAR	1.277			0.573																				
		Axis	19.8	-73.7	-2.82	18.2	79.5		-2.79																	
	LTE Band 71	SAR	0.622			0.140																				
		Axis	22.5	-73.7	-2.88	16.5	82		-2.82																	
	LTE Band 41	SAR	1.270			0.878			0.595			0.878														
		Axis	20	-79.4	-2.74	19.2	86.6		-2.75	-24	-78.6	-2.86	39.5	61.2	-2.97											
	LTE Band 42	SAR													0.886			0.877			0.887			0.857		
		Axis													27			47.8	-3.11	-34.8	65	-3.1	-47.6	-68.4	-2.98	-17.8
	FR1 n2	SAR				0.879			1.420																	
		Axis				20.1	79.5		-2.84	-24	-78.9	-2.87														
	FR1 n26	SAR	1.215			0.696																				
		Axis	15.1	-78.3	-2.89	18.5	81.2		-2.91																	
	FR1 n7	SAR				0.885			1.187																	
		Axis				16.8	79.5		-2.84	-24	-79	-2.89														
	FR1 n66	SAR				0.879			1.281																	
		Axis				19.6	80.6		-2.79	-24	-78.6	-2.91														
	FR1 n71	SAR	0.533			0.162																				
		Axis	18.5	-79.8	-2.91	17.5	80.4		-2.93																	
	FR1 n41	SAR	1.278			0.893			0.894			0.888														
		Axis	19.3	-78.8	-2.86	18.7	79.6		-2.87	-24	-78.5	-2.85	39.5	60.5	-2.98											

Bluetooth Ant6	SAR (W/kg)	0.191		
	Axis	-48.2	55	-2.98

Front													
Band		Ant0			Ant1			Ant2			Ant9		
GSM850	SAR												
	Axis												
GSM1900	SAR	0.435			0.348								
	Axis	-24.7	-82.3	-3.08	-18.6	83.1	-2.4						
WCDMA II	SAR	0.397			0.139			0.473			0.324		
	Axis	-25.3	-82	-3.3	-18.5	82.8	-2.3	19.4	-75.2	-2.7	-44.3	29.5	-3.9
WCDMA IV	SAR	0.429			0.305			0.618					
	Axis	-24.9	-81.9	-3.23	-19.1	82.9	-2	20.5	-75.2	-2.6			
WCDMA V	SAR												
	Axis												
LTE Band 25	SAR	0.407			0.294						0.364		



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	Axis	-24.1	-81.1	-2.98	-17.5	83.8	-3.2				-44.4	29	-3.1
LTE Band 66	SAR	0.450			0.396			0.392			0.203		
	Axis	-24.8	-81.9	-3.76	-17.6	84.3	-2.6	20.7	-74.8	-3.4	-42.6	27.7	-3.5
LTE Band 26	SAR												
	Axis												
LTE Band 7	SAR	0.451			0.218			0.338					
	Axis	-25.1	-81.9	-3.15	-17.8	84.1	-2.7				-43.4	28.6	-2.91
LTE Band 12	SAR												
	Axis												
LTE Band 13	SAR												
	Axis												
LTE Band 71	SAR												
	Axis												
LTE Band 41	SAR	0.162			0.366			0.259					
	Axis	-25.1	-82	-3.62	-18.6	84	-2				-42.7	29.5	-2
LTE Band 42	SAR												
	Axis												
FR1 n2	SAR				0.342								
	Axis				-18.8	83.9	-3.2						
FR1 n26	SAR												
	Axis												
FR1 n7	SAR				0.311								
	Axis				-18.7	83.6	-2.7						
FR1 n66	SAR				0.309			0.514					
	Axis				-17.9	82.9	-3	20	-74.7	-2.1			
FR1 n71	SAR												
	Axis												
FR1 n41	SAR	0.502			0.320			0.160					
	Axis	-23.5	-81.9	-3.65	-18.5	83.4	-2.2				-43.1	29.1	-3.3
FR1 n77	SAR												
	Axis												

WLAN5GHz Ant5+4	SAR (W/kg)	0.295		
	Axis	19.4	75.3	-2.67

WLAN2.4GHz Ant6+3	SAR (W/kg)	0.295		
	Axis	19.8	75.9	-2.63

Back													
Band		Ant0			Ant1			Ant2			Ant9		
GSM850	SAR												
	Axis												
GSM1900	SAR	0.382			0.343								
	Axis	25.5	-81.3	-2.7	20	58.3	-2.93						
WCDMA II	SAR	0.648			0.575			0.440			0.372		
	Axis	27	-78.3	-2.68	10.4	82.3	-2.77	-24	-79	-2.88	36.9	63	-3.02
WCDMA IV	SAR	0.625			0.564			0.681					
	Axis	28.6	-78.2	-2.69	8.9	83.9	-2.76	-24	-79.9	-2.86			
WCDMA V	SAR												
	Axis												
LTE Band 25	SAR	0.584			0.576			0.286					
	Axis	27	-78	-2.75	16.6	79.6	-2.89			40.3	64.7	-3.01	
LTE Band 66	SAR	0.674			0.591			0.521			0.145		
	Axis	31.2	-79.8	-2.68	12.1	82.4	-2.82	-23.9	-78.4	-2.83	37.2	64.7	-2.99
LTE Band 26	SAR												
	Axis												
LTE Band 7	SAR	0.481			0.596			0.276					
	Axis	18.8	-74.8	-2.8	19.2	84.2	-2.76			36.4	60	-3.01	
LTE Band 12	SAR												



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[illegible]

WLAN2.4GHz Ant5+4	SAR (W/kg)	0.163		
	Axis	44.3	94	3.03

<Extremity>

Front									
Band		Ant0			Ant1			Ant2	
GSM1900	SAR	1.480			1.386				
	Axis	-25.6	-89.9	-2.95	-32.5	79.6	-2.93		
WCDMA II	SAR	3.185			1.898			2.429	
	Axis	-22.5	-91	-2.62	-32.7	79.9	-2.93	19.2	-81.4
WCDMA IV	SAR	2.196							
	Axis	-24.1	-91.5	-2.62					
LTE Band 25	SAR	2.706							
	Axis	23.4	-91	-2.62					
LTE Band 66	SAR	1.973							
	Axis	-23.4	-91	-2.71					
FR1 n41	SAR	2.443							
	Axis	-22.9	-92.1	-2.68					

WLAN5GHz Ant5+4	SAR (W/kg)	0.782		
	Axis	19.4	75.3	-2.67

NFC	SAR (W/kg)	0.001		
	Axis	-21.1	59.2	-3.2

Back																
Band		Ant0			Ant1			Ant2			Ant9			Ant7		
GSM1900	SAR	1.237			1.473						1.323					
	Axis	25.5	-81.3	-2.7	20	79.3	-2.93				37.5	40	-3.02			
WCDMA II	SAR	2.933			1.871			3.018								
	Axis	27	-78.9	-2.68	10.4	82.3	-2.77	-16	-79	-2.88						
WCDMA IV	SAR	2.890			1.360			2.995								
	Axis	28.6	-78.5	-2.69	8.9	83.9	-2.76	-16	-79.9	-2.86						
LTE Band 25	SAR	3.167			1.404			2.172								
	Axis	27	-79.9	-2.75	16.6	79.6	-2.89	-16.1	-78.4	-2.86						
LTE Band 66	SAR	3.143			1.863											
	Axis	31.2	-79.8	-2.68	12.1	82.4	-2.82									
LTE Band 26	SAR	2.607														
	Axis	22.5	-79	-2.84												
LTE Band 7	SAR	3.166			2.439											
	Axis	18.8	-78.3	-2.8	19.2	84.2	-2.76									
LTE Band 13	SAR	2.528														
	Axis	19.8	-78.7	-2.82												
LTE Band 41	SAR	2.072			1.754											
	Axis	20	-79.4	-2.74	19.2	86.6	-2.75									
LTE Band 42	SAR													2.154		
	Axis													27	77.8	-3.11
FR1 n2	SAR				1.406			2.900								
	Axis				20.1	79.5	-2.84	-16	-78.9	-2.87						
FR1 n26	SAR	2.097														
	Axis	15.1	-78.9	-2.89												
FR1 n7	SAR				2.459											
	Axis				16.8	79.5	-2.84									
FR1 n41	SAR	3.147			2.448											
	Axis	19.3	-78.8	-2.86	18.7	79.6	-2.87									
FR1 n77	SAR										2.349			1.086		
	Axis										30	78.9	-3.04	-26	75	-3.1

WLAN2.4GHz Ant6+3	SAR (W/kg)	0.564		
	Axis	-37.8	69.4	-3.01

NFC	SAR (W/kg)	0.17		
	Axis	11.6	78.2	-2.77

Left Side													
Band		Ant0			Ant1			Ant9			Ant7		
WCDMA II	SAR	2.593						2.422					
	Axis	-6.1	-79	-3.02				-4.6	48.5	-3			
WCDMA IV	SAR	2.498											
	Axis	-6.1	-77.7	-3.02									
LTE Band 25	SAR	1.910						2.467					
	Axis	-6	-77.4	3.02				-3.5	44	-3.33			
LTE Band 66	SAR	1.933						2.281					
	Axis	-5.9	-77.5	-2.97				-5	46.9	-3.19			
LTE Band 7	SAR				1.916			2.472					
	Axis				-4.5	69.4	-2.84	-3.2	43.6	-3.04			
LTE Band 41	SAR							2.486					
	Axis							-4.1	49.4	-3.01			
LTE Band 42	SAR										2.510		
	Axis										-10	59	-3.27
FR1 n41	SAR							2.482					
	Axis							-4.9	43	-3.1			
FR1 n77	SAR										2.420		
	Axis										-7.8	55	-3.26

WLAN5GHz Ant5+4	SAR (W/kg)	0.155		
	Axis	-3	55.5	-3.16

NFC	SAR (W/kg)	0.001		
	Axis	-6.8	53.6	-3.27

Right Side				
Band		Ant8		
LTE Band 42	SAR	3.226		
	Axis	-9.2	42.4	-3.33
FR1 n77	SAR	3.170		
	Axis	-7.4	43	-3.45

WLAN2.4GHz Ant6+3	SAR (W/kg)	0.973		
	Axis	-9.8	-48.2	-3.01

NFC	SAR (W/kg)	0.001		
	Axis	-4.6	-46.1	-3.26

18. Supplemental Tuner Tests Results

General Note:

1. This device implements impedance tuner antenna tuning techniques, and the number of supported tune codes for each frequency band is as shown in the following table.

Antenna	Band	Number of tune states
Ant 0	LTE Band 5/12/13/17/26/71 n5/12/26/71	507

2. LTE B17 / B5 SAR test was covered by LTE B12 / B26; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced.
3. 5GNR n5 SAR test was covered by 5GNR n26; according to April 2015 TCB workshop, SAR test for overlapping NR bands can be reduced.
4. SAR is measured according to required procedures for each mode of operation with the dynamic tuner active, allowing the DUT to automatically tune and find the best impedance match. The auto-tune state determined by device during normal SAR measurement shall be verified and listed in the reported SAR results. This process is based on single point SAR evaluations to verify that the conditions leading to the largest SAR have been captured. The SAR probe shall remain stationary for the entire series of measurements. The functionality of the tuner configurations is checked to ensure that the tuned state corresponds to the maximum SAR for that particular transmission configuration.
5. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
6. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
7. Per 2024, October TCBC Workshop titled "RF Exposure Updates", the following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions.
 - 1) The auto-tune is turned off, a different tune state (randomly, at least one) is selected, and the single SAR variation is recorded.
 - 2) The new value is expected to be less or equal to previously recorded max. SAR, within applicable tolerance margin)
 - 3) If the new value is larger than the previously recorded max. SAR (beyond the documented tolerance), then the auto-tune feature is deemed not suitable for compliance. The procedure and/or system may need to be rechecked to yield consistent results.
 - 4) The auto-tune is turned back on, and the previous maximum SAR value shall be recovered (documented tolerance is acceptable)
8. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

18.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix H.

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19. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

20. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
- [2] ANSI/IEEE Std. C95.1-1992, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz", September 1992
- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [7] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [8] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [9] FCC KDB 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015
- [10] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [11] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [12] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [14] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015

Appendixes

Please refer to separated files for the following appendixes

Appendix A. Plots of System Performance Check

Appendix B. Plots of High SAR Measurement

Appendix C. DASY Calibration Certificate

Appendix D. Test Setup Photos

Appendix E. Conducted RF Output Power Table

Appendix F. Power measurement connection diagram and CA Conducted RF Output Power Table

Appendix G. Power reduction mechanism verification

Appendix H. Supplemental Tuner SAR Results

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