

Appendix F. Sim-Tx SAR consideration

F.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		Index 4	
		WWAN + WiFi 2.4G SISO + WiFi 5G SISO			
		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		Index 6	
		WiFi 2.4G SISO + WiFi 5G SISO			
		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		Index 8	
		WWAN + WiFi 2.4G SISO + WiFi 5G SISO			
		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 F6.
4. The SAR summation is calculated based on the same exposure configuration and test position from each transmit antenna worst case reported SAR results.
5. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) Scalar SAR summation < 1.6W/kg.
 - ii) $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.

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

Samsung proprietary TAS feature manages transmitting power effectively in real time and ensures that overall average RF exposure from 3G/4G/5G NR WWAN including NTN, 5G NR EN-DC, 5G NR NRDC and LTE/FR1 intra-band/inter-band uplink CA are in compliance with RF Exposure requirements, while the RF exposure from 2G 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 5G NR EN-DC, the power ratio factors are g_1 and g_2 for LTE and NR respectively. The purpose of these power ratio factors is to split the available SAR budget among different RATs, so $g_1 + g_2 \leq 1$. The value of g_1 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 g_2 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.

$$g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq 1.0,$$

$$\text{then, } g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq \max (LTE_{exposure}, NR_{exposure})$$

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 + 5G NR + WiFi + BT + NFC can be justified from the compliance of LTE + WiFi + BT + NFC and 5G NR + 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 spatial 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	AG0	AG1	AG2	external radio
Antenna	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.

- The highest reported SAR at P_{limit} (or P_{max} when $P_{limit} > P_{max}$) 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.
- 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.
- 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.
- In section F.6 SPLSR analysis only evaluation Sim-Tx SAR configuration are rounded to two decimal higher or equal to 1.6W/kg.
- The analysis addresses the simultaneous transmission and the transition among non-simultaneous transmission radios

F.3 Head Sim-Tx analysis
<WLAN Index1>

Exposure Position	2	3	4	5	5+6 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)	
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	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)					
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	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 1+2 SPLSR	Ant 1+6 Case No	Ant 1+6 SPLSR	Ant 1+6 Case No	Ant 5+6 SPLSR	Ant 5+6 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)																		
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						



FCC SAR TEST REPORT

Report No. :FA4N0919C

<WWAN Index3, WLAN Index3>

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)	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	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								



F.4 Hotspot Sim-Tx analysis

<WWAN Index4, WLAN Index7>

	Exposure Position	0	1	2	3	4	5	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
		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)												
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								



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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										



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	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										



F.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 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)				
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 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)					
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	1	2	3	4	5	0+1+2	0+1+3	0+1+4	0+1+5	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
		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)								
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	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)	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)										
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										

F.6 Product Specific Sim-Tx analysis
<WLAN Index5, NFC>

Exposure Position	5	8	5+8 Summed 10g SAR (W/kg)
	WLAN5/6GHz Ant 4+3	NFC	
	10g SAR (W/kg)	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	8	5+8 Summed 10g SAR (W/kg)
	WLAN5/6GHz Ant 4+3	NFC	
	10g SAR (W/kg)	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	5	8	1+5+8 Summed 10g SAR (W/kg)
	WWAN	WLAN5/6GHz Ant 4+3	NFC	
	10g SAR (W/kg)	10g SAR (W/kg)	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	5	8	1+5+8 Summed 10g SAR (W/kg)
	WWAN	WLAN5/6GHz Ant 4+3	NFC	
	10g SAR (W/kg)	10g SAR (W/kg)	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



<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
			Left Cheek	1g SAR (W/kg)	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
					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

[illegible][illegible]

<Case 5>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 6>

SPLSR calculation for summation SAR>1.6W/kg

Region	Country	2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030	
		Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	
Asia	China	1,412,556,000	1,428,810,000	1,445,064,000	1,461,318,000	1,477,572,000	1,493,826,000	1,510,080,000	1,526,334,000	1,542,588,000	1,558,842,000	1,575,096,000	1,591,350,000	1,607,604,000	1,623,858,000	1,640,112,000	1,656,366,000	1,672,620,000	1,688,874,000	1,705,128,000	1,721,382,000	1,737,636,000	1,753,890,000	1,770,144,000	1,786,398,000	1,802,652,000	1,818,906,000	1,835,160,000	1,851,414,000	1,867,668,000	1,883,922,000	1,900,176,000	1,916,430,000	1,932,684,000	
Asia	India	1,380,000,000	1,400,000,000	1,420,000,000	1,440,000,000	1,460,000,000	1,480,000,000	1,500,000,000	1,520,000,000	1,540,000,000	1,560,000,000	1,580,000,000	1,600,000,000	1,620,000,000	1,640,000,000	1,660,000,000	1,680,000,000	1,700,000,000	1,720,000,000	1,740,000,000	1,760,000,000	1,780,000,000	1,800,000,000	1,820,000,000	1,840,000,000	1,860,000,000	1,880,000,000	1,900,000,000	1,920,000,000	1,940,000,000	1,960,000,000	1,980,000,000	2,000,000,000	2,020,000,000	
Asia	Indonesia	257,600,000	260,000,000	262,400,000	264,800,000	267,200,000	269,600,000	272,000,000	274,400,000	276,800,000	279,200,000	281,600,000	284,000,000	286,400,000	288,800,000	291,200,000	293,600,000	296,000,000	298,400,000	300,800,000	303,200,000	305,600,000	308,000,000	310,400,000	312,800,000	315,200,000	317,600,000	320,000,000	322,400,000	324,800,000	327,200,000	329,600,000	332,000,000		
Asia	Japan	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000	126,800,000		
Asia	South Korea	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000	51,500,000		
Asia	Philippines	109,600,000	111,200,000	112,800,000	114,400,000	116,000,000	117,600,000	119,200,000	120,800,000	122,400,000	124,000,000	125,600,000	127,200,000	128,800,000	130,400,000	132,000,000	133,600,000	135,200,000	136,800,000	138,400,000	140,000,000	141,600,000	143,200,000	144,800,000	146,400,000	148,000,000	149,600,000	151,200,000	152,800,000	154,400,000	156,000,000	157,600,000	159,200,000	160,800,000	
Asia	Vietnam	95,900,000	97,800,000	99,700,000	101,600,000	103,500,000	105,400,000	107,300,000	109,200,000	111,100,000	113,000,000	114,900,000	116,800,000	118,700,000	120,600,000	122,500,000	124,400,000	126,300,000	128,200,000	130,100,000															

[illegible]

<Case 10>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 11>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 12>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]



<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				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	92.3	1.26	0.02	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7	33.3	1.01	0.03	Not required
Max WWAN Ant 1	0.668	0.6	306.4	-172.0				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	35.2	1.09	0.03	Not required
Max WWAN Ant 1	0.668	0.5	297.1	-171.1				
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7	46.1	0.84	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3				
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				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	92.3	1.26	0.02	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7	33.3	1.01	0.03	Not required
Max WWAN Ant 1	0.668	0.6	306.4	-172.0				
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				
WLAN2.4G Ant 4+3(3)	0.171	26.2	258.8	-171.7	75.2	0.59	0.01	Not required

<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				
WLAN5/6G Ant 4+3(4)	0.429	25.9	328.4	-174.8	85.9	1.26	0.02	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
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				
WLAN5/6G Ant 4+3(3)	0.233	13.0	258.8	-167.9	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(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+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				
WLAN2.4G Ant 3	0.102	28.9	254.5	-171.8	29.6	0.94	0.03	Not required
Max WWAN Ant 5	0.797	51.7	322.6	-174.7				
WLAN2.4G Ant 3	0.102	28.9	254.5	-171.8	71.9	0.90	0.01	Not required

<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				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	92.3	1.26	0.02	Not required
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				
WLAN2.4G Ant 4+3(4)	0.421	22.4	333.9	-174.3	30.6	1.22	0.04	Not required
Max WWAN Ant 5	0.797	50.7	322.3	-174.8				
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

Case	Frequency	Power	Antenna	Position	Distance	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
Max WWAN Ant 0	720	1.0	0	0	0	0.428	60.5	1.23	0.02	Not required
Max WWAN Ant 5	720	1.0	5	0	0	0.797	81.9	0.62	0.01	Not required
Max WWAN Ant 0	720	1.0	0	0	0	0.428	34.1	0.99	0.03	Not required
WLAN2.4G Ant 4	2400	1.0	4	0	0	0.190	72.0	0.61	0.01	Not required
Max WWAN Ant 5	720	1.0	5	0	0	0.797	44.7	0.47	0.01	Not required
WLAN2.4G Ant 4	2400	1.0	4	0	0	0.190	26.0	0.98	0.04	Not required
Max WWAN Ant 0	720	1.0	0	0	0	0.428	75.8	0.84	0.01	Not required
WLAN5/6G Ant 4+3(4)	2400	1.0	4	3	4	0.183	10.1	0.37	0.02	Not required
Max WWAN Ant 5	720	1.0	5	0	0	0.797	71.1	0.22	0.00	Not required
WLAN5/6G Ant 4+3(3)	2400	1.0	4	3	3	0.040				

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				

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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>

[illegible]

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 28>

SPLSR calculation for summation SAR>1.6W/kg

[illegible]

General Information				Performance Metrics (Q1-Q4)																Summary			
				Q1 2024				Q2 2024				Q3 2024				Q4 2024				Annual Total		Average	
				Revenue	Profit	Units	Customers	Revenue	Profit	Units	Customers	Revenue	Profit	Units	Customers	Revenue	Profit	Units	Customers	Revenue	Profit	Revenue	Profit
Product	Category	Sub-Category	Item ID	Q1 2024				Q2 2024				Q3 2024				Q4 2024				Annual Total		Average	
				Revenue	Profit	Units	Customers	Revenue	Profit	Units	Customers	Revenue	Profit	Units	Customers	Revenue	Profit	Units	Customers	Revenue	Profit	Revenue	Profit
Electronics	Smartphones	Flagship	SPH-001	1200	200	150	120	1300	220	160	130	1400	240	170	140	1500	260	180	150	5400	920	1360	228
			SPH-002	800	150	100	80	850	160	110	90	900	180	120	95	950	190	130	100	3500	680	875	112
			SPH-003	600	100	75	60	650	120	80	65	700	140	90	70	750	160	110	80	2700	520	675	84
			SPH-004	400	80	50	40	450	90	60	45	500	110	70	50	550	130	90	60	1800	360	450	60
Electronics	Smartphones	Mid-Range	SPH-005	900	180	120	90	950	190	130	100	1000	200	140	105	1100	220	150	110	3800	780	950	125
			SPH-006	700	140	90	70	750	150	100	80	800	160	110	85	850	170	120	90	3100	640	775	102
			SPH-007	500	100	65	50	550	110	75	60	600	120	90	65	650	130	100	70	2250	460	562	75
			SPH-008	300	60	40	30	350	70	50	35	400	80	60	40	450	90	70	50	1350	270	337	45
Electronics	Smartphones	Budget	SPH-009	500	100	80	50	550	110	75	60	600	120	90	65	650	130	100	70	2300	460	575	76
			SPH-010	400	80	60	40	450	90	60	45	500	110	70	50	550	120	80	60	1850	360	462	61
			SPH-011	300	60	45	30	350	70	50	35	400	80	60	40	450	90	70	50	1350	270	337	45
			SPH-012	200	40	30	20	250	50	35	25	300	60	40	30	350	70	50	35	900	180	225	30
Electronics	Wearables	Smartwatch	SWH-013	700	140	90	70	750	150	100	80	800	160	110	85	850	170	120	90	3100	640	775	102
			SWH-014	500	100	65	50	550	110	75	60	600	120	90	65	650	130	100	70	2300	460	575	76
			SWH-015	300	60	40	30	350	70	50	35	400	80	60	40	450	90	70	50	1350	270	337	45

<Case 29>

SPLSR calculation for summation SAR>1.6W/kg

Material Properties	Elastic Properties		Thermal Properties		Mechanical Properties		Fatigue Properties		Fracture Properties		Creep Properties		Stress Relaxation Properties		Impact Properties		Welding Properties		Corrosion Properties		Biocompatibility Properties	
	Modulus (E)	Poisson's Ratio (ν)	Thermal Expansion Coefficient (α)	Thermal Conductivity (k)	Yield Strength (σ _y)	Tensile Strength (σ _t)	Endurance Limit (σ _e)	Endurance Limit (σ _e)	Fracture Toughness (K _{IC})	Fracture Toughness (K _{IC})	Creep Rate (ε̇)	Creep Rate (ε̇)	Stress Relaxation Rate (σ̇)	Stress Relaxation Rate (σ̇)	Impact Energy (J)	Impact Energy (J)	Welding Strength (σ _w)	Welding Strength (σ _w)	Corrosion Rate (mm/yr)	Corrosion Rate (mm/yr)	Biocompatibility Index	Biocompatibility Index
Aluminum 6061-T6	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	276	276	0.001	0.001	0.95	0.95
Aluminum 7075-T6	71.7	0.33	24.0	177	503	572	276	276	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	572	572	0.001	0.001	0.95	0.95
Aluminum 2024-T3	73.1	0.33	24.0	177	448	503	276	276	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	503	503	0.001	0.001	0.95	0.95
Aluminum 5052-H32	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 3003-H14	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 1100-H14	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 4043-T5	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 6061-T6	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	276	276	0.001	0.001	0.95	0.95
Aluminum 7075-T6	71.7	0.33	24.0	177	503	572	276	276	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	572	572	0.001	0.001	0.95	0.95
Aluminum 2024-T3	73.1	0.33	24.0	177	448	503	276	276	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	503	503	0.001	0.001	0.95	0.95
Aluminum 5052-H32	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 3003-H14	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 1100-H14	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 4043-T5	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	324	324	0.001	0.001	0.95	0.95
Aluminum 6061-T6	68.9	0.33	23.6	167	276	324	138	138	35.4	35.4	1.0E-05	1.0E-05	1.0E-05	1.0E-05	10.5	10.5	276	276	0.001	0.001	0.95	0.95
Aluminum 7075-T6	71.7	0.33	24.0	177	503	572	276															

[illegible]

<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				
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0	95.7	1.02	0.01	Not required
Max WWAN Ant 1	0.668	0.6	306.4	-172.0				
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				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	46.5	0.87	0.02	Not required
Max WWAN Ant 1	0.668	2.1	304.9	-172.1				
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	33.6	0.85	0.02	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				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	10.1	0.37	0.02	Not required
WLAN2.4G Ant 4	0.190	19.9	336.5	-174.0				
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	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				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	71.1	0.22	0.00	Not required

**<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				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	92.3	1.03	0.01	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
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				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	48.4	0.72	0.01	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
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	85.9	1.02	0.01	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				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	46.5	0.87	0.02	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9				
Max WWAN Ant 1	0.668	0.5	297.1	-171.1	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 6	0.834	57.6	248.6	-176.1				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	40.4	0.71	0.01	Not required
Max WWAN Ant 1	0.668	0.5	297.1	-171.1				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN2.4G Ant 4+3(3)	0.040	13.0	258.8	-167.9	6.5	0.37	0.03	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
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				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	76.0	0.23	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				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	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(3)	0.055	28.3	257.5	-172.1				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	76.7	0.25	0.00	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				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	71.1	0.22	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
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+1+9 SPLSR Results	0+306 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	WLANS/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	WLANS/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				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	30.9	0.89	0.03	Not required
Max WWAN Ant 5	0.797	50.7	322.3	-174.8				
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3	30.6	0.99	0.03	Not required
Max WWAN Ant 5	0.797	50.7	322.3	-174.8				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	68.6	0.85	0.01	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	85.9	1.02	0.01	Not required
Max WWAN Ant 6	0.834	57.6	248.6	-176.1				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	46.5	0.87	0.02	Not required
Max WWAN Ant 5	0.797	50.7	322.3	-174.8				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	25.5	0.98	0.04	Not required
Max WWAN Ant 5	0.797	50.7	322.3	-174.8				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	74.2	0.84	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8	6.5	0.37	0.03	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	71.0	0.24	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	76.0	0.23	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	15.9	0.10	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.191	22.4	333.9	-174.3				
WLAN2.4G Ant 4+3(3)	0.055	28.3	257.5	-172.1	76.7	0.25	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.183	25.9	328.4	-174.8				
WLAN5/6G Ant 4+3(3)	0.040	13.0	258.8	-167.9	71.1	0.22	0.00	Not required

<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				



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+WWAN5/6G 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+WWAN5/6G 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+WWAN5/6G 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>

<Case 44>



SPLSR calculation for summation SAR>1.6W/kg

Topic	Section	Sub-section	Section 1: Introduction and Overview												Section 2: Detailed Analysis and Findings												Section 3: Conclusions and Recommendations											
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
Topic A	Section A	Sub-section A	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
Topic B	Section B	Sub-section B	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
			1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	2.1.1	2.1.2	2.1.3	2.1.4	2.1.5	2.1.6	2.1.7	2.1.8	2.1.9	2.1.10	2.1.11	2.1.12	3.1.1	3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7	3.1.8	3.1.9	3.1.10		
Topic C	Section C	Sub-section C	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1																														

Project Information			Project Details		Project Status		Project Budget		Project Timeline		Project Risk		Project Communication		Project Reporting		Project Evaluation		Project Conclusion	
			Project Name	Project ID	Project Manager	Project Description	Project Location	Project Start Date	Project End Date	Project Budget	Project Actual Cost	Project Progress	Project Risk Level	Project Communication Method	Project Reporting Frequency	Project Evaluation Method	Project Conclusion			
Project A	101	John Doe	Project A Description	Project A Location	2023-01-01	2023-06-30	\$1,000,000	\$950,000	85%	Low	Weekly	Monthly	Quarterly	Project A Conclusion						
Project B	102	Jane Smith	Project B Description	Project B Location	2023-02-01	2023-07-31	\$1,200,000	\$1,100,000	75%	Medium	Daily	Weekly	Monthly	Project B Conclusion						
Project C	103	Mike Johnson	Project C Description	Project C Location	2023-03-01	2023-08-31	\$1,500,000	\$1,400,000	65%	High	Daily	Daily	Weekly	Project C Conclusion						
Project D	104	Sarah Brown	Project D Description	Project D Location	2023-04-01	2023-09-30	\$1,800,000	\$1,700,000	55%	Medium	Weekly	Weekly	Monthly	Project D Conclusion						
Project E	105	David White	Project E Description	Project E Location	2023-05-01	2023-10-31	\$2,000,000	\$1,900,000	45%	Low	Daily	Daily	Weekly	Project E Conclusion						
Project F	106	Emily Green	Project F Description	Project F Location	2023-06-01	2023-11-30	\$2,200,000	\$2,100,000	35%	Medium	Weekly	Weekly	Monthly	Project F Conclusion						
Project G	107	Chris Black	Project G Description	Project G Location	2023-07-01	2023-12-31	\$2,500,000	\$2,400,000	25%	High	Daily	Daily	Weekly	Project G Conclusion						
Project H	108	Alex Brown	Project H Description	Project H Location	2023-08-01	2024-01-31	\$2,800,000	\$2,700,000	15%	Medium	Weekly	Weekly	Monthly	Project H Conclusion						
Project I	109	Olivia White	Project I Description	Project I Location	2023-09-01	2024-02-28	\$3,000,000	\$2,900,000	10%	Low	Daily	Daily	Weekly	Project I Conclusion						
Project J	110	Noah Black	Project J Description	Project J Location	2023-10-01	2024-03-31	\$3,200,000	\$3,100,000	5%	Medium	Weekly	Weekly	Monthly	Project J Conclusion						

<Case 46>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 47>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]



<Case 48>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 49>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 50>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 51>

SPLSR calculation for summation SAR>1.6W/kg

Year	Month	January		February		March		April		May		June		July		August		September		October		November		December			
		Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit		
2018	Jan	100	20	120	25	150	30	180	35	200	40	220	45	250	50	280	55	300	60	320	65	350	70	380	75	400	80
2019	Jan	110	22	130	27	160	32	190	37	210	42	230	47	260	52	290	57	310	62	330	67	360	72	390	77	410	82
2020	Jan	120	24	140	29	170	34	200	39	220	44	240	49	270	54	300	59	320	64	340	69	370	74	400	79	420	84
2021	Jan	130	26	150	31	180	36	210	41	230	46	250	51	280	56	310	61	330	66	350	71	380	76	410	81	430	86
2022	Jan	140	28	160	33	190	38	220	43	240	48	260	53	290	58	320	63	340	68	360	73	390	78	420	83	440	88
2023	Jan	150	30	170	35	200	40	230	45	250	50	270	55	300	60	330	65	350	70	370	75	400	80	430	85	450	90
2024	Jan	160	32	180	37	210	42	240	47	260	52	280	57	310	62	340	67	360	72	380	77	410	82	440	87	460	92
2025	Jan	170	34	190	39	220	44	250	49	270	54	290	59	320	64	350	69	370	74	390	79	420	84	450	89	470	94
2026	Jan	180	36	200	41	230	46	260	51	280	56	300	61	330	66	360	71	380	76	400	81	430	86	460	91	480	96
2027	Jan	190	38	210	43	240	48	270	53	290	58	310	62	340	67	370	73	390	78	410	83	440	88	470	93	490	98
2028	Jan	200	40	220	45	250	50	280	55	300	60	320	65	350	70	380	75	400	80	420	85	450	90	480	95	500	100
2029	Jan	210	42	230	47	260	52	290	57	310	62	330	67	360	72	390	77	410	82	430	87	460	92	490	97	510	102
2030	Jan	220	44	240	49	270	54	300	59	320	64	340	69	370	74	400	79	420	84	440	89	470	94	500	99	520	104

[illegible]

<Case 52>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 53>

SPLSR calculation for summation SAR>1.6W/kg

Product	Q1										Q2										Q3										Q4									
	Revenue		Profit		Revenue		Profit		Revenue		Profit		Revenue		Profit		Revenue		Profit		Revenue		Profit		Revenue		Profit		Revenue		Profit		Revenue		Profit		Revenue		Profit	
Item	Q1-2023		Q1-2023		Q2-2023		Q2-2023		Q3-2023		Q3-2023		Q4-2023		Q4-2023		Q1-2024		Q1-2024		Q2-2024		Q2-2024		Q3-2024		Q3-2024		Q4-2024		Q4-2024		Q1-2025		Q1-2025		Q2-2025		Q2-2025	
	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit	Revenue	Profit		
Category A - High Growth																																								
Item A.1.1	1,000	200	1,200	240	1,500	300	1,800	360	2,000	400	2,200	440	2,500	500	2,800	560	3,000	600	3,200	640	3,500	700	3,800	760	4,000	800	4,200	840	4,500	900	4,800	960	5,000	1,000	5,200	1,040	5,500	1,100		
Item A.1.2	800	160	900	180	1,000	200	1,100	220	1,200	240	1,300	260	1,400	280	1,500	300	1,600	320	1,700	340	1,800	360	1,900	380	2,000	400	2,100	420	2,200	440	2,300	460	2,400	480	2,500	500	2,600	520	2,700	540
Item A.1.3	600	120	700	140	800	160	900	180	1,000	200	1,100	220	1,200	240	1,300	260	1,400	280	1,500	300	1,600	320	1,700	340	1,800	360	1,900	380	2,000	400	2,100	420	2,200	440	2,300	460	2,400	480	2,500	500
Item A.1.4	400	80	450	90	500	100	550	110	600	120	650	130	700	140	750	150	800	160	850	170	900	180	950	190	1,000	200	1,050	210	1,100	220	1,150	230	1,200	240	1,250	250	1,300	260	1,350	270
Item A.1.5	200	40	220	44	240	48	260	52	280	56	300	60	320	64	340	68	360	72	380	76	400	80	420	84	440	88	460	92	480	96	500	100	520	104	540	108	560	112	580	116
Item A.1.6	100	20	110	22	120	24	130	26	140	28	150	30	160	32	170	34	180	36	190	38	200	40	210	42	220	44	230	46	240	48	250	50	260	52	2					

[illegible]

<Case 54>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<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	WLANS/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 TXL	FR1 n48_Ant 7 TXL	FR1 n77_Ant 7 TXL
			Back	1g SAR (W/kg)			0.263	0.405
						0+1+9 SPLSR Results	0+1+10 SPLSR Results	0+1+11 SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TXL	0.221	0.377			
-3.4	61.6	-207	WCDMA_V_Ant 1 TXL	0.372	0.377			
0.6	61.1	-207	LTE Band 12_Ant 1 TXL	0.273	0.377			
-11.5	23.3	-207	LTE Band 13_Ant 1 TXL	0.207	0.377			
-3.3	66.3	-207	LTE Band 14_Ant 1 TXL	0.189	0.377			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TXD	0.241	0.377			
-4.8	67.3	-207	LTE Band 26_Ant 1 TXL	0.272	0.377			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TXD	0.694	0.377			
-0.9	60.8	-207	LTE Band 71_Ant 1 TXL	0.317	0.377			
-4.2	57.3	-207	FR1 n12_Ant 1 TXL	0.263	0.377			
-1.8	64.8	-207	FR1 n14_Ant 1 TXL	0.254	0.377			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TXD	0.843	0.377		0.02	0.01
-1.6	64.1	-207	FR1 n26_Ant 1 TXL	0.335	0.377			
11.5	73	-207	FR1 n41_Ant 1 Sub TXD	0.635	0.377			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TXD	0.439	0.377			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TXD	0.843	0.377		0.02	0.01
3.3	59.8	-207	FR1 n71_Ant 1 TXL	0.304	0.377			
11	59	-207	FR1 n77_Ant 1 Sub TXD	0.268	0.377			

<Case 59>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 60>

SPLSR calculation for summation SAR>1.6W/kg

Parameter	2019												2020												2021												2022												2023												2024												2025												2026												2027												2028												2029												2030												2031												2032												2033												2034												2035												2036												2037												2038												2039												2040												2041												2042												2043												2044												2045												2046												2047												2048												2049												2050												2051												2052												2053												2054												2055												2056												2057												2058												2059												2060												2061												2062												2063												2064												2065												2066												2067												2068												2069												2070												2071												2072												2073												2074												2075												2076												2077												2078												2079												2080												2081												2082												2083												2084												2085												2086												2087												2088												2089												2090												2091												2092												2093												2094												2095												2096												2097												2098												2099												2100												2101												2102												2103												2104												2105												2106												2107												2108												2109												2110												2111												2112												2113												2114												2115												2116												2117												2118												2119												2120												2121												2122												2123												2124												2125												2126												2127												2128												2129												2130												2131												2132												2133												2134												2135												2136												2137												2138												2139												2140												2141												2142												2143												2144												2145												2146												2147												2148												2149												2150												2151												2152												2153												2154												2155												2156												2157												2158												2159												2160												2161												2162												2163												2164												2165												2166												2167												2168												2169												2170												2171												2172												2173												2174												2175												2176												2177												2178												2179												2180												2181												2182												2183												2184												2185												2186												2187												2188												2189												2190												2191												2192												2193												2194												2195												2196												2197												2198												2199												2200												2201												2202												2203												2204												2205												2206												2207												2208												2209												2210												2211												2212												2213												2214												2215												2216												2217												2218												2219												2220												2221												2222												2223												2224												2225												2226												2227												2228												2229												2230												2231												2232												2233												2234												2235												2236												2237												2238												2239												2240												2241												2242												2243												2244												2245												2246												2247												2248												2249												2250												2251												2252												2253												2254												2255												2256												2257												2258												2259												2260												2261												2262												2263												2264												2265												2266												2267												2268												2269												2270												2271												2272												2273												2274												2275												2276												2277												2278												2279												2280												2281												2282												2283												2284												2285												2286												2287												2288												2289												2290												2291												2292												2293												2294												2295												2296												2297												2298												2299												2300												2301												2302												2303												2304												2305												2306												2307												2308												2309												2310												2311												2312												2313												2314												2315												2316												2317												2318												2319												2320												2321												2322												2323												2324												2325												2326												2327												2328												2329												2330										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Liquidity		T (days)		Demand		T (days)		2024		2024		2024		2024		2024		2024		2024		2024	
Liquidity		T (days)																					

<Case 61>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 62>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]



<Case 63>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
Right Edge	0.677	0.172	1.330	1.588	1.434
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

Exposure Position	0	1	9	10	11
Right Edge	0.677	0.172	1.330	1.588	1.434
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

<Case 64>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
Right Edge	0.677	0.172	1.330	1.588	1.434
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

Exposure Position	0	1	9	10	11
Right Edge	0.677	0.172	1.330	1.588	1.434
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

<Case 65>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	9	10	11
Right Edge	0.677	0.172	1.330	1.588	1.434
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			



Date	Time	Location	Weather	Temperature	Wind		Humidity		Pressure		Visibility		Clouds		Precipitation		Sun		Moon		Stars		Planets		Comets		Aurora		Other		
					Direction	Speed	Relative	Absolute	Sea Level	Atmospheric	Distance	Direction	Amount	Height	Direction	Amount	Height	Direction	Amount	Height	Direction	Amount	Height	Direction	Amount	Height	Direction	Amount	Height	Direction	Amount
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa	1013 hPa	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	10 km	
2023-10-27	06:00	London, UK	Cloudy	10°C	SW	15 km/h	75%	1013 hPa																							

Project Information				Project Details		Project Status		Project Location		Project Dates		Project Budget		Project Team		Project Risks		Project Notes	
Project Name	Project ID	Project Manager	Project Sponsor	Project Description	Project Objectives	Project Status	Project Location	Project Dates	Project Budget	Project Team	Project Risks	Project Notes							
Project A	101	John Doe	Jane Smith	Project A Description	Project A Objectives	Project A Status	Project A Location	Project A Dates	Project A Budget	Project A Team	Project A Risks	Project A Notes							
Project B	102	John Doe	Jane Smith	Project B Description	Project B Objectives	Project B Status	Project B Location	Project B Dates	Project B Budget	Project B Team	Project B Risks	Project B Notes							
Project C	103	John Doe	Jane Smith	Project C Description	Project C Objectives	Project C Status	Project C Location	Project C Dates	Project C Budget	Project C Team	Project C Risks	Project C Notes							
Project D	104	John Doe	Jane Smith	Project D Description	Project D Objectives	Project D Status	Project D Location	Project D Dates	Project D Budget	Project D Team	Project D Risks	Project D Notes							
Project E	105	John Doe	Jane Smith	Project E Description	Project E Objectives	Project E Status	Project E Location	Project E Dates	Project E Budget	Project E Team	Project E Risks	Project E Notes							
Project F	106	John Doe	Jane Smith	Project F Description	Project F Objectives	Project F Status	Project F Location	Project F Dates	Project F Budget	Project F Team	Project F Risks	Project F Notes							
Project G	107	John Doe	Jane Smith	Project G Description	Project G Objectives	Project G Status	Project G Location	Project G Dates	Project G Budget	Project G Team	Project G Risks	Project G Notes							
Project H	108	John Doe	Jane Smith	Project H Description	Project H Objectives	Project H Status	Project H Location	Project H Dates	Project H Budget	Project H Team	Project H Risks	Project H Notes							
Project I	109	John Doe	Jane Smith	Project I Description	Project I Objectives	Project I Status	Project I Location	Project I Dates	Project I Budget	Project I Team	Project I Risks	Project I Notes							
Project J	110	John Doe	Jane Smith	Project J Description	Project J Objectives	Project J Status	Project J Location	Project J Dates	Project J Budget	Project J Team	Project J Risks	Project J Notes							
Project K	111	John Doe	Jane Smith	Project K Description	Project K Objectives	Project K Status	Project K Location	Project K Dates	Project K Budget	Project K Team	Project K Risks	Project K Notes							
Project L	112	John Doe	Jane Smith	Project L Description	Project L Objectives	Project L Status	Project L Location	Project L Dates	Project L Budget	Project L Team	Project L Risks	Project L Notes							
Project M	113	John Doe	Jane Smith	Project M Description	Project M Objectives	Project M Status	Project M Location	Project M Dates	Project M Budget	Project M Team	Project M Risks	Project M Notes							
Project N	114	John Doe	Jane Smith	Project N Description	Project N Objectives	Project N Status	Project N Location	Project N Dates	Project N Budget	Project N Team	Project N Risks	Project N Notes							
Project O	115	John Doe	Jane Smith	Project O Description	Project O Objectives	Project O Status	Project O Location	Project O Dates	Project O Budget	Project O Team	Project O Risks	Project O Notes							
Project P	116	John Doe	Jane Smith	Project P Description	Project P Objectives	Project P Status	Project P Location	Project P Dates	Project P Budget	Project P Team	Project P Risks	Project P Notes							
Project Q	117	John Doe	Jane Smith	Project Q Description	Project Q Objectives	Project Q Status	Project Q Location	Project Q Dates	Project Q Budget	Project Q Team	Project Q Risks	Project Q Notes							
Project R	118	John Doe	Jane Smith	Project R Description	Project R Objectives	Project R Status	Project R Location	Project R Dates	Project R Budget	Project R Team	Project R Risks	Project R Notes							
Project S	119	John Doe	Jane Smith	Project S Description	Project S Objectives	Project S Status	Project S Location	Project S Dates	Project S Budget	Project S Team	Project S Risks	Project S Notes							
Project T	120	John Doe	Jane Smith	Project T Description	Project T Objectives	Project T Status	Project T Location	Project T Dates	Project T Budget	Project T Team	Project T Risks	Project T Notes							
Project U	121	John Doe	Jane Smith	Project U Description	Project U Objectives	Project U Status	Project U Location	Project U Dates	Project U Budget	Project U Team	Project U Risks	Project U Notes							
Project V	122	John Doe	Jane Smith	Project V Description	Project V Objectives	Project V Status	Project V Location	Project V Dates	Project V Budget	Project V Team	Project V Risks	Project V Notes							
Project W	123	John Doe	Jane Smith	Project W Description	Project W Objectives	Project W Status	Project W Location	Project W Dates	Project W Budget	Project W Team	Project W Risks	Project W Notes							
Project X	124	John Doe	Jane Smith	Project X Description	Project X Objectives	Project X Status	Project X Location	Project X Dates	Project X Budget	Project X Team	Project X Risks	Project X Notes							
Project Y	125	John Doe	Jane Smith	Project Y Description	Project Y Objectives	Project Y Status	Project Y Location	Project Y Dates	Project Y Budget	Project Y Team	Project Y Risks	Project Y Notes							
Project Z	126	John Doe	Jane Smith	Project Z Description	Project Z Objectives	Project Z Status	Project Z Location	Project Z Dates	Project Z Budget	Project Z Team	Project Z Risks	Project Z Notes							
Project AA	127	John Doe	Jane Smith	Project AA Description	Project AA Objectives	Project AA Status	Project AA Location	Project AA Dates	Project AA Budget	Project AA Team	Project AA Risks	Project AA Notes							
Project AB	128	John Doe	Jane Smith	Project AB Description	Project AB Objectives	Project AB Status	Project AB Location	Project AB Dates	Project AB Budget	Project AB Team	Project AB Risks	Project AB Notes							
Project AC	129	John Doe	Jane Smith	Project AC Description	Project AC Objectives	Project AC Status	Project AC Location	Project AC Dates	Project AC Budget	Project AC Team	Project AC Risks	Project AC Notes							
Project AD	130	John Doe	Jane Smith	Project AD Description	Project AD Objectives	Project AD Status	Project AD Location	Project AD Dates	Project AD Budget	Project AD Team	Project AD Risks	Project AD Notes							
Project AE	131	John Doe	Jane Smith	Project AE Description	Project AE Objectives	Project AE Status	Project AE Location	Project AE Dates	Project AE Budget	Project AE Team	Project AE Risks	Project AE Notes							
Project AF	132	John Doe	Jane Smith	Project AF Description															

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]



<Case 71>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency	Power	Distance	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
WWAN Ant 2	1.920	1.000	42.5	1.34	0.04	Not required		
WWAN Ant 2	1.920	1.000	107.2	0.73	0.01	Not required		
WWAN Ant 2	1.920	1.000	155.6	0.91	0.01	Not required		
WWAN Ant 2	1.920	1.000	121.3	0.75	0.01	Not required		
WWAN Ant 2	1.920	1.000	110.8	0.85	0.01	Not required		
WWAN Ant 2	1.920	1.000	162.3	0.93	0.01	Not required		
WWAN Ant 2	1.920	1.000	136.2	1.03	0.01	Not required		
WWAN Ant 2	1.920	1.000	31.4	0.32	0.01	Not required		
WWAN Ant 2	1.920	1.000	70.7	0.41	0.00	Not required		
WWAN Ant 2	1.920	1.000	48.7	0.44	0.01	Not required		

Antenna	Frequency	Power	Distance	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
WWAN Ant 2	1.920	1.000	42.5	1.34	0.04	Not required		
WWAN Ant 2	1.920	1.000	107.2	0.73	0.01	Not required		
WWAN Ant 2	1.920	1.000	155.6	0.91	0.01	Not required		
WWAN Ant 2	1.920	1.000	121.3	0.75	0.01	Not required		
WWAN Ant 2	1.920	1.000	110.8	0.85	0.01	Not required		
WWAN Ant 2	1.920	1.000	162.3	0.93	0.01	Not required		
WWAN Ant 2	1.920	1.000	136.2	1.03	0.01	Not required		
WWAN Ant 2	1.920	1.000	31.4	0.32	0.01	Not required		
WWAN Ant 2	1.920	1.000	70.7	0.41	0.00	Not required		
WWAN Ant 2	1.920	1.000	48.7	0.44	0.01	Not required		

<Case 72>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency	Power	Distance	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
WWAN Ant 2	1.920	1.000	42.5	1.34	0.04	Not required		
WWAN Ant 2	1.920	1.000	107.2	0.73	0.01	Not required		
WWAN Ant 2	1.920	1.000	155.6	0.91	0.01	Not required		
WWAN Ant 2	1.920	1.000	121.3	0.75	0.01	Not required		
WWAN Ant 2	1.920	1.000	110.8	0.85	0.01	Not required		
WWAN Ant 2	1.920	1.000	162.3	0.93	0.01	Not required		
WWAN Ant 2	1.920	1.000	136.2	1.03	0.01	Not required		
WWAN Ant 2	1.920	1.000	31.4	0.32	0.01	Not required		
WWAN Ant 2	1.920	1.000	70.7	0.41	0.00	Not required		
WWAN Ant 2	1.920	1.000	48.7	0.44	0.01	Not required		

Antenna	Frequency	Power	Distance	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
WWAN Ant 2	1.920	1.000	42.5	1.34	0.04	Not required		
WWAN Ant 2	1.920	1.000	107.2	0.73	0.01	Not required		
WWAN Ant 2	1.920	1.000	155.6	0.91	0.01	Not required		
WWAN Ant 2	1.920	1.000	121.3	0.75	0.01	Not required		
WWAN Ant 2	1.920	1.000	110.8	0.85	0.01	Not required		
WWAN Ant 2	1.920	1.000	162.3	0.93	0.01	Not required		
WWAN Ant 2	1.920	1.000	136.2	1.03	0.01	Not required		
WWAN Ant 2	1.920	1.000	31.4	0.32	0.01	Not required		
WWAN Ant 2	1.920	1.000	70.7	0.41	0.00	Not required		
WWAN Ant 2	1.920	1.000	48.7	0.44	0.01	Not required		

<Case 73>

SPLSR calculation for summation SAR>1.6W/kg

Antenna	Frequency	Power	Distance	SAR	3D distance	Summed SAR	SPLSR Results	Simultaneous SAR
WWAN Ant 2	1.920	1.000	42.5	1.34	0.04	Not required		
WWAN Ant 2	1.920	1.000	107.2	0.73	0.01	Not required		
WWAN Ant 2	1.920	1.000	155.6	0.91	0.01	Not required		
WWAN Ant 2	1.920	1.000	121.3	0.75	0.01	Not required		
WWAN Ant 2	1.920	1.000	110.8	0.85	0.01	Not required		
WWAN Ant 2	1.920	1.000	162.3	0.93	0.01	Not required		
WWAN Ant 2	1.920	1.000	136.2	1.03	0.01	Not required		
WWAN Ant 2	1.920	1.000	31.4	0.32	0.01	Not required		
WWAN Ant 2	1.920	1.000	70.7	0.41	0.00	Not required		
WWAN Ant 2	1.920	1.000	48.7	0.44	0.01	Not required		

Ant	Combination	SAR	SAR peak location (mm)	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
WWAN Ant 2 + WWAN Ant 0	Max WWAN Ant 2	0.583	-43.8	-55.1	-207.0	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	0.73	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	0.91	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	0.75	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	0.85	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	0.93	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	1.03	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	0.32	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	0.41	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	0.44	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

Ant	Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
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 75>

SPLSR calculation for summation SAR>1.6W/kg

Ant	Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
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

[illegible]

Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPL SR 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

[illegible]

Ant	Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPL SR 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

[illegible][illegible]

[illegible][illegible]

<Case 80>

Region	Country	2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040																																																																																																																																
		Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population																																																																																																																															
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070																																																																																																																							
North America	USA	331,000,000	334,000,000	337,000,000	340,000,000	343,000,000	346,000,000	349,000,000	352,000,000	355,000,000	358,000,000	361,000,000	364,000,000	367,000,000	370,000,000	373,000,000	376,000,000	379,000,000	382,000,000	385,000,000	388,000,000	391,000,000	394,000,000	397,000,000	400,000,000	403,000,000	406,000,000	409,000,000	412,000,000	415,000,000	418,000,000	421,000,000	424,000,000	427,000,000	430,000,000	433,000,000	436,000,000	439,000,000	442,000,000	445,000,000	448,000,000	451,000,000	454,000,000	457,000,000	460,000,000	463,000,000	466,000,000	469,000,000	472,000,000	475,000,000	478,000,000	481,000,000	484,000,000	487,000,000	490,000,000	493,000,000	496,000,000	499,000,000	502,000,000	505,000,000	508,000,000	511,000,000	514,000,000	517,000,000	520,000,000	523,000,000	526,000,000	529,000,000	532,000,000	535,000,000	538,000,000	541,000,000	544,000,000	547,000,000	550,000,000	553,000,000	556,000,000	559,000,000	562,000,000	565,000,000	568,000,000	571,000,000	574,000,000	577,000,000	580,000,000	583,000,000	586,000,000	589,000,000	592,000,000	595,000,000	598,000,000	601,000,000	604,000,000	607,000,000	610,000,000	613,000,000	616,000,000	619,000,000	622,000,000	625,000,000	628,000,000	631,000,000	634,000,000	637,000,000	640,000,000	643,000,000	646,000,000	649,000,000	652,000,000	655,000,000	658,000,000	661,000,000	664,000,000	667,000,000	670,000,000	673,000,000	676,000,000	679,000,000	682,000,000	685,000,000	688,000,000	691,000,000	694,000,000	697,000,000	700,000,000	703,000,000	706,000,000	709,000,000	712,000,000	715,000,000	718,000,000	721,000,000	724,000,000	727,000,000	730,000,000	733,000,000	736,000,000	739,000,000	742,000,000	745,000,000	748,000,000	751,000,000	754,000,000	757,000,000	760,000,000	763,000,000	766,000,000	769,000,000	772,000,000	775,000,000	778,000,000	781,000,000	784,000,000	787,000,000	790,000,000	793,000,000	796,000,000	799,000,000	802,000,000	805,000,000	808,000,000	811,000,000	814,000,000	817,000,000	820,000,000	823,000,000	826,000,000	829,000,000	832,000,000	835,000,000	838,000,000	841,000,000

Project Information				Financial Performance (USD Millions)																																		
				Revenue		Cost of Sales		Gross Profit		Operating Expenses		Operating Profit		Interest Income		Interest Expense		Tax Expense		Net Profit		EBITDA		Depreciation		Amortization		Goodwill Impairment		Other Income		Other Expenses						
				Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2					
Project ID	Project Name	Manager	Status	Revenue	Cost of Sales	Gross Profit	Operating Expenses	Operating Profit	Interest Income	Interest Expense	Tax Expense	Net Profit	EBITDA	Depreciation	Amortization	Goodwill Impairment	Other Income	Other Expenses	Revenue	Cost of Sales	Gross Profit	Operating Expenses	Operating Profit	Interest Income	Interest Expense	Tax Expense	Net Profit	EBITDA	Depreciation	Amortization	Goodwill Impairment	Other Income	Other Expenses					
001	Project Alpha	J. Doe	Active	100	60	40	20	20	5	2	1	12	100	60	40	20	20	5	2	1	12	100	60	40	20	20	5	2	1	12	100	60	40	20	20	5	2	1
002	Project Beta	A. Smith	Completed	150	90	60	30	30	10	3	2	15	150	90	60	30	30	10	3	2	15	150	90	60	30	30	10	3	2	15	150	90	60	30	30	10	3	2
003	Project Gamma	M. Johnson	On Hold	80	50	30	15	15	4	1	0	10	80	50	30	15	15	4	1	0	10	80	50	30	15	15	4	1	0	10	80	50	30	15	15	4	1	0
004	Project Delta	S. Lee	Active	120	70	50	25	25	6	2	1	14	120	70	50	25	25	6	2	1	14	120	70	50	25	25	6	2	1	14	120	70	50	25	25	6	2	1
005	Project Epsilon	K. Brown	Completed	90	55	35	18	17	3	1	0	11	90	55	35	18	17	3	1	0	11	90	55	35	18	17	3	1	0	11	90	55	35	18	17	3	1	0
006	Project Zeta	L. White	On Hold	70	40	30	12	18	2	0	0	9	70	40	30	12	18	2	0	0	9	70	40	30	12	18	2	0	0	9	70	40	30	12	18	2	0	0
007	Project Eta	P. Green	Active	110	65	45	22	23	5	2	1	13	110	65	45	22	23	5	2	1	13	110	65	45	22	23	5	2	1	13	110	65	45	22	23	5	2	1
008	Project Theta	R. Black	Completed	130	75	55	28	27	7	3	2	16	130	75	55	28	27	7	3	2	16	130	75	55	28	27	7	3	2	16	130	75	55	28	27	7	3	2
009	Project Iota	T. Gray	On Hold	60	35	25	10	15	1	0	0	8	60	35	25	10	15	1	0	0	8	60	35	25	10	15	1	0	0	8	60	35	25	10	15	1	0	0
010	Project Kappa	V. Blue	Active	140	80	60	32	28	8	3	2	17	140	80	60	32	28	8	3	2	17	140	80	60	32	28	8	3	2	17	140	80	60	32	28	8	3	2
011	Project Lambda	W. Yellow	Completed	160	95	65	35	30	12	4	3	18	160	95	65	35	30	12	4	3	18	160	95	65	35	30	12	4	3	18	160	95	65	35	30	12	4	3
012	Project Mu	X. Purple	On Hold	50	30	20	8	12	0	0	0	6	50	30	20	8	12	0	0	0	6	50	30	20	8	12	0	0	0	6	50	30	20	8	12	0	0	0
013	Project Nu	Y. Orange	Active	170	100	70	38	32	10	4	3	19	170	100	70	38	32	10	4	3	19	170	100	70	38	32	10	4	3	19	170	100	70	38	32	10	4	3

<Case 81>

[illegible][illegible]

<Case 82>

[illegible]

Basis of Reporting				Period		Type of Transaction		Description of Transaction		Amount		Currency		Date		Account		Reference		Status		Comments	
				Period	Type	Description	Amount	Currency	Date	Account	Reference	Status	Comments	Period	Type	Description	Amount	Currency	Date	Account	Reference	Status	Comments
Period	Type	Account	Reference	Period	Type	Description	Amount	Currency	Date	Account	Reference	Status	Comments	Period	Type	Description	Amount	Currency	Date	Account	Reference	Status	Comments
2023	Q1	1000	1000	2023	Q1	1000	1000	USD	2023-01-01	1000	1000	1000	1000	2023	Q1	1000	1000	USD	2023-01-01	1000	1000	1000	1000
2023	Q2	1000	1000	2023	Q2	1000	1000	USD	2023-02-01	1000	1000	1000	1000	2023	Q2	1000	1000	USD	2023-02-01	1000	1000	1000	1000
2023	Q3	1000	1000	2023	Q3	1000	1000	USD	2023-03-01	1000	1000	1000	1000	2023	Q3	1000	1000	USD	2023-03-01	1000	1000	1000	1000
2023	Q4	1000	1000	2023	Q4	1000	1000	USD	2023-04-01	1000	1000	1000	1000	2023	Q4	1000	1000	USD	2023-04-01	1000	1000	1000	1000
2023	Q5	1000	1000	2023	Q5	1000	1000	USD	2023-05-01	1000	1000	1000	1000	2023	Q5	1000	1000	USD	2023-05-01	1000	1000	1000	1000
2023	Q6	1000	1000	2023	Q6	1000	1000	USD	2023-06-01	1000	1000	1000	1000	2023	Q6	1000	1000	USD	2023-06-01	1000	1000	1000	1000
2023	Q7	1000	1000	2023	Q7	1000	1000	USD	2023-07-01	1000	1000	1000	1000	2023	Q7	1000	1000	USD	2023-07-01	1000	1000	1000	1000
2023	Q8	1000	1000	2023	Q8	1000	1000	USD	2023-08-01	1000	1000	1000	1000	2023	Q8	1000	1000	USD	2023-08-01	1000	1000	1000	1000
2023	Q9	1000	1000	2023	Q9	1000	1000	USD	2023-09-01	1000	1000	1000	1000	2023	Q9	1000	1000	USD	2023-09-01	1000	1000	1000	1000
2023	Q10	1000	1000	2023	Q10	1000	1000	USD	2023-10-01	1000	1000	1000	1000	2023	Q10	1000	1000	USD	2023-10-01	1000	1000	1000	1000
2023	Q11	1000	1000	2023	Q11	1000	1000	USD	2023-11-01	1000	1000	1000	1000	2023	Q11	1000	1000	USD	2023-11-01	1000	1000	1000	1000
2023	Q12	1000	1000	2023	Q12	1000	1000	USD	2023-12-01	1000	1000	1000	1000	2023	Q12	1000	1000	USD	2023-12-01	1000	1000	1000	1000



SPLSR calculation for summation SAR>1.6W/kg

Year	Month	Season	Quarter	Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4			Annual Total	
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Year 1	Q1	Winter	Jan	100	120	150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680		
				Q2	Spring	Apr	150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	
							Q3	Summer	Jul	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680
										Q4	Autumn	Oct	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650
Q2	Spring	Apr	150	180	200	220	250	280	300				320	350	380	400	420	450	480	500	520	550	580	600	620	650	680		
			Q3	Summer	Jul	200	220	250	280				300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	700
						Q4	Autumn	Oct	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	700	720	
Q1	Winter	Jan							100	120	150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600
			Q2	Spring	Apr				150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650
						Q3	Summer	Jul	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	700
Q4	Autumn	Oct							250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	700	720	
			Q1	Winter	Jan				100	120	150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600
						Q2	Spring	Apr	150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650
Q3	Summer	Jul							200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	700
			Q4	Autumn	Oct				250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	700	720	
						Q1	Winter	Jan	100	120	150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600
Q2	Spring	Apr							150	180	200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650
			Q3	Summer	Jul				200	220	250	280	300	320	350	380	400	420	450	480	500	520	550	580	600	620	650	680	700
						Q4	Autumn	Oct	250	280	300	320	350																

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	121.5	0.71	0.00	Not required
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0				
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0	162.3	0.93	0.01	Not required
Max WWAN Ant 0	0.761	-18.4	-78.9	-207.0				
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	136.2	1.03	0.01	Not required
Max WWAN Ant 0	0.761	-13.9	-79.4	-207.0				
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0	136.3	0.57	0.00	Not required
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0				
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	125.5	0.67	0.00	Not required
Max WWAN Ant 7	0.405	-58.5	-49.5	-207.0				
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0	31.8	0.48	0.01	Not required
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0	71.2	0.58	0.01	Not required
Bluetooth Ant 4	0.308	-57.0	72.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0	48.7	0.44	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.169	-27.2	83.2	-207.0				
WLAN5/6G Ant 4+3(3)	0.267	12.0	54.3	-207.0				

<Case 84>

SPLSR calculation for summation SAR>1.6W/kg

[illegible]

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

[illegible][illegible]

<Case 86>

SPLSR calculation for summation SAR>1.6W/kg

[illegible]

Category		Subcategory		Item		Value		Unit		Status		Date		Time		Location		Notes		Comments		Action		Result		Feedback		Rating		Score		Total		Average		Max		Min		Range		Variance		Deviation		StdDev		Covariance		Correlation		SpearmanR		KendallTau		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov		ShapiroWilk		Levene		BrownF		MannWhitneyU		KolmogorovSmirnov	
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<Case 87>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

<Case 88>

SPLSR calculation for summation SAR>1.6W/kg

Year	Month	Week	Day	Time	Forecasting Accuracy (%)															
					MA(5)	MA(10)	MA(15)	MA(20)	MA(25)	MA(30)	MA(35)	MA(40)	MA(45)	MA(50)	MA(55)	MA(60)	MA(65)	MA(70)	MA(75)	MA(80)
2023	Jan	1	Mon	08:00	95.2	95.5	95.8	96.0	96.2	96.5	96.8	97.0	97.2	97.5	97.8	98.0	98.2	98.5	98.8	99.0
					95.0	95.3	95.6	95.9	96.1	96.4	96.7	96.9	97.1	97.4	97.7	97.9	98.1	98.4	98.7	99.0
2023	Jan	2	Tue	08:00	95.5	95.8	96.1	96.4	96.7	97.0	97.3	97.6	97.9	98.2	98.5	98.8	99.1	99.4	99.7	100.0
					95.3	95.6	95.9	96.2	96.5	96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9	99.2	99.5	99.8
2023	Jan	3	Wed	08:00	95.8	96.1	96.4	96.7	97.0	97.3	97.6	97.9	98.2	98.5	98.8	99.1	99.4	99.7	100.0	100.0
					95.6	95.9	96.2	96.5	96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9	99.2	99.5	99.8	100.0
2023	Jan	4	Thu	08:00	96.0	96.3	96.6	96.9	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.0	100.0
					95.8	96.1	96.4	96.7	97.0	97.3	97.6	97.9	98.2	98.5	98.8	99.1	99.4	99.7	100.0	100.0
2023	Jan	5	Fri	08:00	96.2	96.5	96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9	99.2	99.5	99.8	100.0	100.0	100.0
					96.0	96.3	96.6	96.9	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.0	100.0
2023	Jan	6	Sat	08:00	96.5	96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0
					96.3	96.6	96.9	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.0	100.0	100.0
2023	Jan	7	Sun	08:00	96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0
					96.6	96.9	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0
2023	Jan	8	Mon	08:00	97.0	97.3	97.6	97.9	98.2	98.5	98.8	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
					96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0
2023	Jan	9	Tue	08:00	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

Category		Product		Region		Sales Performance (Q1-Q4)																	
						North America				Europe				Asia Pacific				Latin America					
						USA		Canada		UK		Germany		Japan		India		Brazil		Mexico			
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
Product ID	Product Name	Region	Category	Q1 Sales	Q2 Sales	Q3 Sales	Q4 Sales	Q1 Sales	Q2 Sales	Q3 Sales	Q4 Sales	Q1 Sales	Q2 Sales	Q3 Sales	Q4 Sales	Q1 Sales	Q2 Sales	Q3 Sales	Q4 Sales				
1	Product A	North America	Electronics	1200	1300	1400	1500	1100	1200	1300	1400	1000	1100	1200	1300	900	1000	1100	1200				
2	Product B	Europe	Electronics	800	900	1000	1100	700	800	900	1000	600	700	800	900	500	600	700	800				
3	Product C	Asia Pacific	Electronics	1500	1600	1700	1800	1400	1500	1600	1700	1300	1400	1500	1600	1200	1300	1400	1500				
4	Product D	Latin America	Electronics	600	700	800	900	500	600	700	800	400	500	600	700	300	400	500	600				
5	Product E	North America	Electronics	1100	1200	1300	1400	1000	1100	1200	1300	900	1000	1100	1200	800	900	1000	1100				
6	Product F	Europe	Electronics	900	1000	1100	1200	800	900	1000	1100	700	800	900	1000	600	700	800	900				
7	Product G	Asia Pacific	Electronics	1300	1400	1500	1600	1200	1300	1400	1500	1100	1200	1300	1400	1000	1100	1200	1300				
8	Product H	Latin America	Electronics	700	800	900	1000	600	700	800	900	500	600	700	800	400	500	600	700				
9	Product I	North America	Electronics	1000	1100	1200	1300	900	1000	1100	1200	800	900	1000	1100	700	800	900	1000				
10	Product J	Europe	Electronics	1100	1200	1300	1400	1000	1100	1200	1300	900	1000	1100	1200	800	900	1000	1100				
11	Product K	Asia Pacific	Electronics	1400	1500	1600	1700	1300	1400	1500	1600	1200	1300	1400	1500	1100	1200	1300	1400				
12	Product L	Latin America	Electronics	800	900	1000	1100	700	800	900	1000	600	700	800	900	500	600	700	800				
13	Product M	North America	Electronics	1200	1300	1400	1500	1100	1200	1300	1400	1000	1100	1200	1300	900	1000	1100	1200				
14	Product N	Europe	Electronics	900	1000	1100	1200	800	900	1000	1100	700	800	900	1000	600	700	800	900				
15	Product O	Asia Pacific	Electronics	1300	1400	1500	1600	1200	1300	1400	1500	1100	1200	1300	1400	1000	1100	1200	1300				
16	Product P	Latin America	Electronics	700	800	900	1000	600	700	800	900	500	600	700	800	400	500	600	700				
17	Product Q	North America	Electronics	1100	1200	1300	1400	1000	1100	1200	1300	900	1000	1100	1200	800	900	1000	1100				
18	Product R	Europe	Electronics	1000	1100	1200	1300	900	1000	1100	1200	800	900	1000	1100	700	800	900	1000				
19	Product S	Asia Pacific	Electronics	1400	1500	1600	1700	1300	1400	1500	1600	1200	1300	1400	1500	1100	1200	1300	1400				
20	Product T	Latin America	Electronics	800	900	1000	1100	700	800	900	1000	600	700	800	900	500	600	700	800				
21	Product U	North America	Electronics	1200	1300	1400	1500	1100	1200	1300	1400	1000	1100	1200	1300	900	1000	1100	1200				
22	Product V	Europe	Electronics	900	1000	1100	1200	800	900	1000	1100	700	800	900	1000	600	700	800	900				

<Case 89>

SPLSR calculation for summation SAR>1.6W/kg

[illegible][illegible]

**<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 TX0	0.221	0.147	0.267	0.957	0.969	1.101
WCDMA V_Ant 1 TX0	0.372	0.147	0.267	1.108	1.120	1.252
LTE Band 12_Ant 1 TX0	0.273	0.147	0.267	1.009	1.021	1.153
LTE Band 13_Ant 1 TX0	0.207	0.147	0.267	0.943	0.955	1.087
LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.317	0.147	0.267	1.053	1.065	1.197
FR1 n12_Ant 1 TX0	0.263	0.147	0.267	0.999	1.011	1.143
FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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	Ig SAR (W/kg)	0.322	0.334	0.406		
					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 TX0	0.221	0.147	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX0	0.372	0.147	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX0	0.273	0.147	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX0	0.207	0.147	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.317	0.147	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX0	0.263	0.147	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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)		17.5	14.3	14	15	45
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	0		1	2	9	10	11
			Exposure Position	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
							SPLSR Results	SPLSR Results	SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX0	0.221	0.130	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TX0	0.372	0.130	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TX0	0.273	0.130	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX0	0.207	0.130	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.317	0.130	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TX0	0.263	0.130	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD
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 TXD	0.221	0.148	0.267	0.958	0.970	1.102
WCDMA V_Ant 1 TXD	0.372	0.148	0.267	1.109	1.121	1.253
LTE Band 12_Ant 1 TXD	0.273	0.148	0.267	1.010	1.022	1.154
LTE Band 13_Ant 1 TXD	0.207	0.148	0.267	0.944	0.956	1.088
LTE Band 14_Ant 1 TXD	0.189	0.148	0.267	0.926	0.938	1.070
LTE Band 25_Ant 1 Sub TXD	0.241	0.148	0.267	0.978	0.990	1.122
LTE Band 26_Ant 1 TXD	0.272	0.148	0.267	1.009	1.021	1.153
LTE Band 66_Ant 1 Sub TXD	0.694	0.148	0.267	1.431	1.443	1.575
LTE Band 71_Ant 1 TXD	0.317	0.148	0.267	1.054	1.066	1.198
FR1 n12_Ant 1 TXD	0.263	0.148	0.267	1.000	1.012	1.144
FR1 n14_Ant 1 TXD	0.254	0.148	0.267	0.991	1.003	1.135
FR1 n25_Ant 1 Sub TXD	0.843	0.148	0.267	1.580	1.592	1.724
FR1 n26_Ant 1 TXD	0.335	0.148	0.267	1.072	1.084	1.216
FR1 n41_Ant 1 Sub TXD	0.635	0.148	0.267	1.372	1.384	1.516
FR1 n48_Ant 1 Sub TXD	0.439	0.148	0.267	1.176	1.188	1.320
FR1 n66_Ant 1 Sub TXD	0.843	0.148	0.267	1.580	1.592	1.724
FR1 n71_Ant 1 TXD	0.304	0.148	0.267	1.041	1.053	1.185
FR1 n77_Ant 1 Sub TXD	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 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD
			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 TXD	0.221	0.148	0.267			
-3.4	61.6	-207	WCDMA V_Ant 1 TXD	0.372	0.148	0.267			
0.6	61.1	-207	LTE Band 12_Ant 1 TXD	0.273	0.148	0.267			
-11.5	23.3	-207	LTE Band 13_Ant 1 TXD	0.207	0.148	0.267			
-3.3	66.3	-207	LTE Band 14_Ant 1 TXD	0.189	0.148	0.267			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TXD	0.241	0.148	0.267			
-4.8	67.3	-207	LTE Band 26_Ant 1 TXD	0.272	0.148	0.267			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TXD	0.694	0.148	0.267			
-0.9	60.8	-207	LTE Band 71_Ant 1 TXD	0.317	0.148	0.267			
-4.2	57.3	-207	FR1 n12_Ant 1 TXD	0.263	0.148	0.267			
-1.8	64.8	-207	FR1 n14_Ant 1 TXD	0.254	0.148	0.267			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TXD	0.843	0.148	0.267			0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TXD	0.335	0.148	0.267			
11.5	73	-207	FR1 n41_Ant 1 Sub TXD	0.635	0.148	0.267			
12.5	64.5	-207	FR1 n48_Ant 1 Sub TXD	0.439	0.148	0.267			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TXD	0.843	0.148	0.267			0.03
3.3	59.8	-207	FR1 n71_Ant 1 TXD	0.304	0.148	0.267			
11	59	-207	FR1 n77_Ant 1 Sub TXD	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	WLANS/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	WLANS/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 TX0	0.221	0.267	0.308				
-3.4	61.6	-207	WCDMA V_Ant 1 TX0	0.372	0.267	0.308				
0.6	61.1	-207	LTE Band 12_Ant 1 TX0	0.273	0.267	0.308				
-11.5	23.3	-207	LTE Band 13_Ant 1 TX0	0.207	0.267	0.308				
-3.3	66.3	-207	LTE Band 14_Ant 1 TX0	0.199	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 TX0	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 TX0	0.317	0.267	0.308				
-4.2	57.3	-207	FR1 n12_Ant 1 TX0	0.263	0.267	0.308				
-1.8	64.8	-207	FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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	WLANS/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	WLAN/5GHz 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 TX0	0.221	0.267	0.200				
-3.4	61.6	-207	WCDMA V_Ant 1 TX0	0.372	0.267	0.200				
0.6	61.1	-207	LTE Band 12_Ant 1 TX0	0.273	0.267	0.200				
-11.5	23.3	-207	LTE Band 13_Ant 1 TX0	0.207	0.267	0.200				
-3.3	66.3	-207	LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.317	0.267	0.200				
-4.2	57.3	-207	FR1 n12_Ant 1 TX0	0.263	0.267	0.200				
-1.8	64.8	-207	FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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 TX0	0.117	0.189	0.277	1.192	1.139	1.281
WCDMA V_Ant 1 TX0	0.210	0.189	0.277	1.285	1.232	1.374
LTE Band 12_Ant 1 TX0	0.297	0.189	0.277	1.372	1.319	1.461
LTE Band 13_Ant 1 TX0	0.446	0.189	0.277	1.521	1.468	1.610
LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.380	0.189	0.277	1.455	1.402	1.544
FR1 n12_Ant 1 TX0	0.299	0.189	0.277	1.374	1.321	1.463
FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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)		35.5	45.2	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 TX0	0.117	0.189	0.277			
-25.6	-9.2	-207	WCDMA V_Ant 1 TX0	0.210	0.189	0.277			
-24.4	8.5	-210.4	LTE Band 12_Ant 1 TX0	0.297	0.189	0.277			
-24.1	7.3	-210.4	LTE Band 13_Ant 1 TX0	0.446	0.189	0.277			0.03
-22.8	8.5	-210.4	LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.380	0.189	0.277			
-30.1	22.8	-207	FR1 n12_Ant 1 TX0	0.299	0.189	0.277			
-21.2	9.3	-207	FR1 n14_Ant 1 TX0	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 TX0	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			
-28.5	66.9	-207	FR1 n66_Ant 1 Sub TX0	0.363	0.189	0.277			0.02
-28.8	55.8	-207	FR1 n71_Ant 1 TX0	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 TX0	0.117	0.235	0.277	1.238	1.185	1.327
WCDMA V_Ant 1 TX0	0.210	0.235	0.277	1.331	1.278	1.420
LTE Band 12_Ant 1 TX0	0.297	0.235	0.277	1.418	1.365	1.507
LTE Band 13_Ant 1 TX0	0.446	0.235	0.277	1.567	1.514	1.656
LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.380	0.235	0.277	1.501	1.448	1.590
FR1 n12_Ant 1 TX0	0.299	0.235	0.277	1.420	1.367	1.509
FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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	45.2	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 TX0	0.117	0.235	0.277			
-25.6	-9.2	-207	WCDMA V_Ant 1 TX0	0.210	0.235	0.277			
-24.4	8.5	-210.4	LTE Band 12_Ant 1 TX0	0.297	0.235	0.277			
-24.1	7.3	-210.4	LTE Band 13_Ant 1 TX0	0.446	0.235	0.277			0.03
-22.8	8.5	-210.4	LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.380	0.235	0.277			
-30.1	22.8	-207	FR1 n12_Ant 1 TX0	0.299	0.235	0.277			
-21.2	9.3	-207	FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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	WLANS/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	WLANS/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	0.405	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	0.130	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	54
			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	WLANS/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
-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	0.199	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			
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.130	0.267		0.02	0.02
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	54
			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			
-1.6	64.1	-207	FR1 n26_Ant 1 TX1	0.335	0.148	0.267		0.02	0.02
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	WLANS/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
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	WLANS/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	
-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	0.199	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	WLANS/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
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	54
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLANS/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+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	0.199	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			



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				

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	46					
			Z (axis)		207	207	207	207	207					
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11					
			WWAN SAR	WLAN/GHGS_Ant 4+3	Bluetooth_Ant 4	LTE_Band 40_Ant 6 TXD	FRR1_n08_Ant 6 TXD	FRR1_n77_Ant 6 TXD						
			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		
54.0	44.0	207	GSMB1500_Ant 2 TXD	0.466	0.267	0.300								
51.0	40.0	207	WCDMA_E_Ant 2 TXD	0.554	0.267	0.300								
54.0	37.2	207	WCDMA_IV_Ant 2 TXD	0.415	0.267	0.300								
49	45	207	LTE_Band 7_Ant 2 TXD	0.390	0.267	0.300								
53.0	45.7	207	LTE_Band 25_Ant 2 TXD	0.339	0.267	0.300								
57.5	54	207	LTE_Band 30_Ant 2 TXD	0.374	0.267	0.300								
42	39.5	207	LTE_Band 39_Ant 2 TXD	0.363	0.267	0.300								
59.5	45	207	LTE_Band 41_Ant 2 TXD	0.393	0.267	0.300								
54.1	48.3	207	LTE_Band 66_Ant 2 TXD	0.503	0.267	0.300								
56.5	37	207	FRR1_n7_Ant 2 TXD	0.443	0.267	0.300								
43.0	55.1	207	FRR1_n25_Ant 2 TXD	0.439	0.267	0.300								
50	48.5	207	FRR1_n30_Ant 2 TXD	0.365	0.267	0.300								
59	45	207	FRR1_n38_Ant 2 TXD	0.583	0.267	0.300								0.03
58	44.5	207	FRR1_n41_Ant 2 TXD	0.567	0.267	0.300								0.03
53.4	35.2	207	FRR1_n66_Ant 2 TXD	0.481	0.267	0.300								
51.0	42.5	207	FRR1_n70_Ant 2 TXD	0.466	0.267	0.300								

<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)		-66.5	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+3+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 TX0	0.443	0.147	0.267				
-61.4	28.9	-207	LTE Band 66_Ant 5 Sub TX0	0.452	0.147	0.267				
-64.4	29.6	-207	FR1 n25_Ant 5 Sub TX0	0.466	0.147	0.267				
-62.9	25.1	-207	FR1 n66_Ant 5 Sub TX0	0.490	0.147	0.267				
-63	34.5	-207	FR1 n41_Ant 5 Sub TX0	0.723	0.147	0.267			0.02	
-58.5	43	-207	FR1 n48_Ant 5 Sub TX0	0.258	0.147	0.267				
-50	56	-207	FR1 n77_Ant 5 Sub TX0	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 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)		-54.5	-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
-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)		-54.5	-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
-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	-29.2	-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)					
-27.4	-32.4	-207	LTE Band 25_Ant 5 Sub TX1	0.677	0.089	0.081	0.481	0.739	0.585
-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						



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	WLAN5G/4G+ Ant 4+3		Bluetooth Ant 3	LTE Band 46_Ant 7 TX1	FRR1 n48_Ant 7 TX1	FRR1 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	FRR1 n25_Ant 6 Sub TX1	0.826	0.081		0.021		0.03			
-25.3	-32.9	-207	FRR1 n66_Ant 5 Sub TX1	0.579	0.081		0.021					
-25	-36.5	-207	FRR1 n41_Ant 5 Sub TX1	0.745	0.081		0.021					
-27.3	-41.5	-207	FRR1 n48_Ant 5 Sub TX1	0.144	0.081		0.021					
-31.2	-38.5	-207	FRR1 n77_Ant 5 Sub TX1	0.359	0.081		0.021					

<Case 125>

<Case 126>



SPLSR calculation for summation SAR>1.6W/kg

SPLSR calculation for summation SAR>1.6W/kg



<Case 130>

SPLSR calculation for summation SAR>1.6W/kg

Ant	Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
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

Ant	Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
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 132>

SPLSR calculation for summation SAR>1.6W/kg

Ant	Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
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

Ant	Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
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				

Ant	Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
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 135>

<Case 136>

<Case 137>

<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 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	WLANS/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+1+9 SPLSR Results	0.311 0+1+10 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



SPLSR calculation for summation SAR>1.6W/kg

SPLSR calculation for summation SAR>1.6W/kg

SPLSR calculation for summation SAR>1.6W/kg

SPLSR calculation for summation SAR>1.6W/kg



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FCC SAR TEST REPORT

Report No. :FA4N0919C

<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)	0.206	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
WLANS/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
WLANS/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
WLANS/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
WLANS/6G Ant 4+3(3)	0.296	6.1	55.2	-207.0				
WLANS/6G Ant 4+3(4)	0.261	-23.8	79.5	-207.0	38.5	0.56	0.01	Not required
WLANS/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

[illegible]

<Case 169>

SPLSR calculation for summation SAR>1.6W/kg

[illegible]

SPLSR calculation for summation SAR>1.6W/kg

SPLSR calculation for summation SAR>1.6W/kg

SPLSR calculation for summation SAR>1.6W/kg

SPLSR calculation for summation SAR>1.6W/kg



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				
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0	120.0	0.54	0.00	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0	146.7	0.99	0.01	Not required
Max WWAN Ant 7	0.389	-58.5	-48.0	-207.0				
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0	121.8	0.69	0.00	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0	126.2	1.14	0.01	Not required
WLAN2.4G Ant 4	0.147	-56.5	72.0	-207.0				
WLAN5/6G Ant 4+3	0.296	-23.8	79.5	-207.0	33.5	0.44	0.01	Not required



<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				
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0	117.7	0.52	0.00	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0	110.0	0.97	0.01	Not required
Max WWAN Ant 7	0.389	-48.0	-64.0	-207.0				
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0	130.9	0.69	0.00	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0	126.2	1.14	0.01	Not required
WLAN2.4G Ant 3	0.130	11.5	37.5	-207.0				
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				
WLAN2.4G Ant 4+3	0.148	14.0	39.0	-207.0	113.2	0.54	0.00	Not required
Max WWAN Ant 0	0.843	-16.0	-69.0	-207.0				
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				
WLAN5/6G Ant 4+3	0.296	6.1	55.2	-207.0	126.2	1.14	0.01	Not required
WLAN2.4G Ant 4+3	0.148	14.0	39.0	-207.0				
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	0.311	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	0.308	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 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 TX0	0.221	0.130	0.296	0.969	0.997	1.135
WCDMA V_Ant 1 TX0	0.372	0.130	0.296	1.120	1.148	1.286
LTE Band 12_Ant 1 TX0	0.273	0.130	0.296	1.021	1.049	1.187
LTE Band 13_Ant 1 TX0	0.294	0.130	0.296	1.042	1.070	1.208
LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.317	0.130	0.296	1.065	1.093	1.231
FR1 n12_Ant 1 TX0	0.263	0.130	0.296	1.011	1.039	1.177
FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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
							SPLSR Results	SPLSR Results	SPLSR Results
-2.9	69.1	-207	GSM850_Ant 1 TX0	0.221	0.130	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TX0	0.372	0.130	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TX0	0.273	0.130	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TX0	0.294	0.130	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TX0	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 TX0	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 TX0	0.317	0.130	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TX0	0.263	0.130	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TX0	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 TX0	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 TX0	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 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD
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 TXD	0.221	0.148	0.296	0.987	1.015	1.153
WCDMA V_Ant 1 TXD	0.372	0.148	0.296	1.138	1.166	1.304
LTE Band 12_Ant 1 TXD	0.273	0.148	0.296	1.039	1.067	1.205
LTE Band 13_Ant 1 TXD	0.294	0.148	0.296	1.060	1.088	1.226
LTE Band 14_Ant 1 TXD	0.263	0.148	0.296	1.029	1.057	1.195
LTE Band 25_Ant 1 Sub TXD	0.336	0.148	0.296	1.102	1.130	1.268
LTE Band 26_Ant 1 TXD	0.272	0.148	0.296	1.038	1.066	1.204
LTE Band 66_Ant 1 Sub TXD	0.694	0.148	0.296	1.460	1.488	1.626
LTE Band 71_Ant 1 TXD	0.317	0.148	0.296	1.083	1.111	1.249
FR1 n12_Ant 1 TXD	0.263	0.148	0.296	1.029	1.057	1.195
FR1 n14_Ant 1 TXD	0.319	0.148	0.296	1.085	1.113	1.251
FR1 n25_Ant 1 Sub TXD	0.843	0.148	0.296	1.609	1.637	1.775
FR1 n26_Ant 1 TXD	0.335	0.148	0.296	1.101	1.129	1.267
FR1 n41_Ant 1 Sub TXD	0.635	0.148	0.296	1.401	1.429	1.567
FR1 n48_Ant 1 Sub TXD	0.580	0.148	0.296	1.346	1.374	1.512
FR1 n66_Ant 1 Sub TXD	0.843	0.148	0.296	1.609	1.637	1.775
FR1 n71_Ant 1 TXD	0.304	0.148	0.296	1.070	1.098	1.236
FR1 n77_Ant 1 Sub TXD	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)		-307	-307	-307	-307	-307
X (axis)	Y (axis)	Z (axis)	0	1	2	9	10	11	
			WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	
			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 TXD	0.221	0.148	0.296			
-3.4	61.6	-207	WCDMA V_Ant 1 TXD	0.372	0.148	0.296			
0.6	61.1	-207	LTE Band 12_Ant 1 TXD	0.273	0.148	0.296			
-11.5	23.3	-207	LTE Band 13_Ant 1 TXD	0.294	0.148	0.296			
-3.3	66.3	-207	LTE Band 14_Ant 1 TXD	0.263	0.148	0.296			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TXD	0.336	0.148	0.296			
-4.8	67.3	-207	LTE Band 26_Ant 1 TXD	0.272	0.148	0.296			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TXD	0.694	0.148	0.296		0.02	
-0.9	60.8	-207	LTE Band 71_Ant 1 TXD	0.317	0.148	0.296			
-4.2	57.3	-207	FR1 n12_Ant 1 TXD	0.263	0.148	0.296			
-1.8	64.8	-207	FR1 n14_Ant 1 TXD	0.319	0.148	0.296			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TXD	0.843	0.148	0.296	0.02	0.02	
-1.6	64.1	-207	FR1 n26_Ant 1 TXD	0.335	0.148	0.296		0.03	
11.5	73	-207	FR1 n41_Ant 1 Sub TXD	0.635	0.148	0.296			
17.5	70.5	-207	FR1 n48_Ant 1 Sub TXD	0.580	0.148	0.296			
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TXD	0.843	0.148	0.296	0.02	0.02	
3.3	59.8	-207	FR1 n71_Ant 1 TXD	0.304	0.148	0.296		0.03	
11	59	-207	FR1 n77_Ant 1 Sub TXD	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	WLANS/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD
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 TXD	0.221	0.296	0.308	1.147	1.175	1.313
WCDMA V_Ant 1 TXD	0.372	0.296	0.308	1.298	1.326	1.464
LTE Band 12_Ant 1 TXD	0.273	0.296	0.308	1.199	1.227	1.365
LTE Band 13_Ant 1 TXD	0.294	0.296	0.308	1.220	1.248	1.386
LTE Band 14_Ant 1 TXD	0.263	0.296	0.308	1.189	1.217	1.355
LTE Band 25_Ant 1 Sub TXD	0.336	0.296	0.308	1.262	1.290	1.428
LTE Band 26_Ant 1 TXD	0.272	0.296	0.308	1.198	1.226	1.364
LTE Band 66_Ant 1 Sub TXD	0.694	0.296	0.308	1.620	1.648	1.786
LTE Band 71_Ant 1 TXD	0.317	0.296	0.308	1.243	1.271	1.409
FR1 n12_Ant 1 TXD	0.263	0.296	0.308	1.189	1.217	1.355
FR1 n14_Ant 1 TXD	0.319	0.296	0.308	1.245	1.273	1.411
FR1 n25_Ant 1 Sub TXD	0.843	0.296	0.308	1.769	1.797	1.935
FR1 n26_Ant 1 TXD	0.335	0.296	0.308	1.261	1.289	1.427
FR1 n41_Ant 1 Sub TXD	0.635	0.296	0.308	1.561	1.589	1.727
FR1 n48_Ant 1 Sub TXD	0.580	0.296	0.308	1.506	1.534	1.672
FR1 n66_Ant 1 Sub TXD	0.843	0.296	0.308	1.769	1.797	1.935
FR1 n71_Ant 1 TXD	0.304	0.296	0.308	1.230	1.258	1.396
FR1 n77_Ant 1 Sub TXD	0.448	0.296	0.308	1.374	1.402	1.540

SAR peak location (mm)			X (axis)		Y (axis)		Z (axis)		
			0		1		7		
			1		7		9		
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN/5GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD
			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 TXD	0.221	0.296	0.308			
-3.4	61.6	-207	WCDMA V_Ant 1 TXD	0.372	0.296	0.308			
0.6	61.1	-207	LTE Band 12_Ant 1 TXD	0.273	0.296	0.308			
-11.5	23.3	-207	LTE Band 13_Ant 1 TXD	0.294	0.296	0.308			
-3.3	66.3	-207	LTE Band 14_Ant 1 TXD	0.263	0.296	0.308			
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TXD	0.336	0.296	0.308			
-4.8	67.3	-207	LTE Band 26_Ant 1 TXD	0.272	0.296	0.308			
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TXD	0.694	0.296	0.308	0.02	0.02	0.02
-0.9	60.8	-207	LTE Band 71_Ant 1 TXD	0.317	0.296	0.308			
-4.2	57.3	-207	FR1 n12_Ant 1 TXD	0.263	0.296	0.308			
-1.8	64.8	-207	FR1 n14_Ant 1 TXD	0.319	0.296	0.308			
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TXD	0.843	0.296	0.308	0.02	0.02	0.03
-1.6	64.1	-207	FR1 n26_Ant 1 TXD	0.335	0.296	0.308			
11.5	73	-207	FR1 n41_Ant 1 Sub TXD	0.635	0.296	0.308			0.02
17.5	70.5	-207	FR1 n48_Ant 1 Sub TXD	0.580	0.296	0.308			0.02
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TXD	0.843	0.296	0.308	0.02	0.02	0.03
3.3	59.8	-207	FR1 n71_Ant 1 TXD	0.304	0.296	0.308			
11	59	-207	FR1 n77_Ant 1 Sub TXD	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	WLANS/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD
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 TXD	0.221	0.296	0.200	1.039	1.067	1.205
WCDMA V_Ant 1 TXD	0.372	0.296	0.200	1.190	1.218	1.356
LTE Band 12_Ant 1 TXD	0.273	0.296	0.200	1.091	1.119	1.257
LTE Band 13_Ant 1 TXD	0.294	0.296	0.200	1.112	1.140	1.278
LTE Band 14_Ant 1 TXD	0.263	0.296	0.200	1.081	1.109	1.247
LTE Band 25_Ant 1 Sub TXD	0.336	0.296	0.200	1.154	1.182	1.320
LTE Band 26_Ant 1 TXD	0.272	0.296	0.200	1.090	1.118	1.256
LTE Band 66_Ant 1 Sub TXD	0.694	0.296	0.200	1.512	1.540	1.678
LTE Band 71_Ant 1 TXD	0.317	0.296	0.200	1.135	1.163	1.301
FR1 n12_Ant 1 TXD	0.263	0.296	0.200	1.081	1.109	1.247
FR1 n14_Ant 1 TXD	0.319	0.296	0.200	1.137	1.165	1.303
FR1 n25_Ant 1 Sub TXD	0.843	0.296	0.200	1.661	1.689	1.827
FR1 n26_Ant 1 TXD	0.335	0.296	0.200	1.153	1.181	1.319
FR1 n41_Ant 1 Sub TXD	0.635	0.296	0.200	1.453	1.481	1.619
FR1 n48_Ant 1 Sub TXD	0.580	0.296	0.200	1.398	1.426	1.564
FR1 n66_Ant 1 Sub TXD	0.843	0.296	0.200	1.661	1.689	1.827
FR1 n71_Ant 1 TXD	0.304	0.296	0.200	1.122	1.150	1.288
FR1 n77_Ant 1 Sub TXD	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	WLANS/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TXD	FR1 n48_Ant 6 TXD	FR1 n77_Ant 6 TXD	
			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 TXD	0.221	0.296	0.200				
-3.4	61.6	-207	WCDMA V_Ant 1 TXD	0.372	0.296	0.200				
0.6	61.1	-207	LTE Band 12_Ant 1 TXD	0.273	0.296	0.200				
-11.5	23.3	-207	LTE Band 13_Ant 1 TXD	0.294	0.296	0.200				
-3.3	66.3	-207	LTE Band 14_Ant 1 TXD	0.263	0.296	0.200				
8.8	74.4	-207	LTE Band 25_Ant 1 Sub TXD	0.336	0.296	0.200				
-4.8	67.3	-207	LTE Band 26_Ant 1 TXD	0.272	0.296	0.200				
0.6	80.9	-207	LTE Band 66_Ant 1 Sub TXD	0.694	0.296	0.200			0.03	
-0.9	60.8	-207	LTE Band 71_Ant 1 TXD	0.317	0.296	0.200				
-4.2	57.3	-207	FR1 n12_Ant 1 TXD	0.263	0.296	0.200				
-1.8	64.8	-207	FR1 n14_Ant 1 TXD	0.319	0.296	0.200				
-2.2	79.4	-207	FR1 n25_Ant 1 Sub TXD	0.843	0.296	0.200	0.02	0.02	0.03	
-1.6	64.1	-207	FR1 n26_Ant 1 TXD	0.335	0.296	0.200				
11.5	73	-207	FR1 n41_Ant 1 Sub TXD	0.635	0.296	0.200			0.03	
17.5	70.5	-207	FR1 n48_Ant 1 Sub TXD	0.580	0.296	0.200				
-3.2	81.9	-207	FR1 n66_Ant 1 Sub TXD	0.843	0.296	0.200	0.02	0.02	0.03	
3.3	59.8	-207	FR1 n71_Ant 1 TXD	0.304	0.296	0.200				
11	59	-207	FR1 n77_Ant 1 Sub TXD	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	0.311	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	0.147	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)		96.5	6.1	57.5	58.5	48	
			Y (axis)		72	55.2	51		54	
			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	0.311	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	0.147	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	0.311	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	0.130	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	0.311	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	0.130	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	56.2	51	48	54	
			Z (axis)		-207	-207	-207	207	207	
			0		1	2	9	10	11	
X (axis)	Y (axis)	Z (axis)	Exposure Position	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	WLANS/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
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	WLAN/5GHz 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
-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 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						