Appendix D. Sim-Tx SAR consideration

D.1 Sim-Tx Configuration

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

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power	WiFi Power	BT Power	Thread Power
Body	WWAN standalone	WWAN	Index 5			
	WiFi standalone	WiFi 2.4G SISO		WIFI Index 3		
		WiFi 2.4G MIMO/CDD				
		WiFi 5G MIMO				
		WiFi 6E MIMO				
		WiFi 2.4G SISO + WiFi 5G MIMO				
		WiFi 2.4G MIMO + WiFi 5G MIMO				
		WiFi 2.4G SISO + WiFi 6E MIMO				
		WiFi 2.4G MIMO + WiFi 6E MIMO				
	BT standalone	Bluetooth SISO or MIMO			Index 0	
	Thread standalone	Thread				Index 0
	WiFi +BT	WiFi 5G MIMO + Bluetooth SISO or MIMO		Index 3	Index 2	
		WiFi 6E MIMO + Bluetooth SISO or MIMO				
	WiFi +Thread	WiFi 5G MIMO + Thread		Index 3		Index 2
		WiFi 6E MIMO + Thread				
	WWAN + WiFi	WWAN + WiFi 2.4G SISO	Index 6 / Index 4	Index 4		
		WWAN + WiFi 2.4G MIMO/CDD				
		WWAN + WiFi 5G MIMO				
		WWAN + WiFi 6E MIMO				
		WWAN + WiFi 2.4G SISO + WiFi 5G MIMO				
		WWAN + WiFi 2.4G MIMO + WiFi 5G MIMO				
		WWAN + WiFi 2.4G SISO + WiFi 6E MIMO				
		WWAN + WiFi 2.4G MIMO + WiFi 6E MIMO				
	WWAN + BT	WWAN + Bluetooth SISO or MIMO	Index 6 / Index 4		Index 2	
	WWAN + Thread	WWAN + Thread				Index 2
	WWAN + WiFi +BT	WWAN + WiFi 5G MIMO + Bluetooth SISO or MIMO	Index 6 / Index 4	Index 4	Index 2	
		WWAN + WiFi 6E MIMO + Bluetooth SISO or MIMO				
	WWAN + WiFi +Thread	WWAN + WiFi 5G MIMO + Thread				Index 2
		WWAN + WiFi 6E MIMO + Thread				

General Note:

1. 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.
2. The SAR summation is calculated based on the same exposure configuration and test position from each transmit antenna worst case reported SAR results.
3. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
   i) Scalar SAR summation < 1.6W/kg.
   ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
   iii) If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary.
   iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.

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

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

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

g1* LTEexposure + g2* NRexposure ≤ 1.0,

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

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

The device also enabled Samsung Spatial TAS to improve antenna performance by applying separate SAR budgets to each predefined antenna group. There are three predefined antenna groups of AG0(Ant0, Ant6), AG1(Ant1,Ant5), AG2(Ant2,Ant7),. Each antenna group is spatially separated to others. Simultaneous transmission analysis is performed per antenna group. Below analysis demonstrates the spatially separation of AG0, AG1, AG2 and the compliance between AG0 and BT/WLAN/NFC/Thread, between AG1 and BT/WLAN/NFC/ Thread and AG2 and BT/WLAN/NFC/Thread. The NTN wireless technology is not applied for Spatial TAS with other antenna groups.

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

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

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

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

D.3 Head Sim-Tx analysis

<WWAN index 2>

Exposure Position	Max Ant 0 WWAN 1g SAR (W/kg)	Max Ant 1 WWAN 1g SAR (W/kg)	Max Ant 2 WWAN 1g SAR (W/kg)	Max Ant 5 WWAN 1g SAR (W/kg)	Max Ant 6 WWAN 1g SAR (W/kg)	Max Ant 7 WWAN 1g SAR (W/kg)	Ant 0+1 Summed 1g SAR (W/kg)	Ant 0+2 Summed 1g SAR (W/kg)	Ant 0+5 Summed 1g SAR (W/kg)	Ant 0+7 Summed 1g SAR (W/kg)	Ant 1+2 Summed 1g SAR (W/kg)	Ant 1+6 Summed 1g SAR (W/kg)	Ant 1+7 Summed 1g SAR (W/kg)	Ant 2+5 Summed 1g SAR (W/kg)	Ant 2+6 Summed 1g SAR (W/kg)	Ant 5+6 Summed 1g SAR (W/kg)	Ant 5+7 Summed 1g SAR (W/kg)	Ant 6+7 Summed 1g SAR (W/kg)	SPLSR	Case No	SPLSR	Case No
Right Cheek at 0mm	0.439	0.941	0.928	0.458	0.354	0.810	1.380	1.367	0.897	1.249	1.869	1.295	1.751	1.386	1.282	0.812	1.268	1.164	0.030	Case 1	0.030	Case 2
Right Tilted at 0mm	0.288	0.988	0.277	0.373	0.326	0.276	1.276	0.565	0.661	0.564	1.265	1.314	1.264	0.650	0.603	0.699	0.649	0.602				
Left Cheek at 0mm	0.551	0.701	0.461	0.919	0.468	0.472	1.252	1.012	1.470	1.023	1.162	1.169	1.173	1.380	0.929	1.387	1.391	0.940				
Left Tilted at 0mm	0.282	0.720	0.388	0.633	0.179	0.414	1.002	0.670	0.915	0.696	1.108	0.899	1.134	1.021	0.567	0.812	1.047	0.593				

<WWAN index 3, WLAN index 2, Bluetooth index 1, Thread index 1>

Ant.	Exposure Position	0 Maximum WWAN 1g SAR (W/kg)	1 Maximum WWAN 1g SAR (W/kg)	2 WLAN2.4GHz Ant 3 1g SAR (W/kg)	3 WLAN2.4GHz Ant 4 1g SAR (W/kg)	4 WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	5 WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	6 Bluetooth(2.0) Ant 3 1g SAR (W/kg)	7 Bluetooth(2.0) Ant 4 1g SAR (W/kg)	8 Bluetooth(2.0) Ant 3+4 1g SAR (W/kg)	9 Thread Ant 3 1g SAR (W/kg)	0+1+2+5 Summed 1g SAR (W/kg)	0+1+3+5 Summed 1g SAR (W/kg)	0+1+4+5 Summed 1g SAR (W/kg)	0+1+5+6 Summed 1g SAR (W/kg)	0+1+5+7 Summed 1g SAR (W/kg)	0+1+5+8 Summed 1g SAR (W/kg)	0+1+5+9 Summed 1g SAR (W/kg)	0+1+2+5 SPLSR	0+1+2+5 Case No	0+1+3+5 SPLSR	0+1+3+5 Case No	0+1+4+5 SPLSR	0+1+4+5 Case No	0+1+5+6 SPLSR	0+1+5+6 Case No	0+1+5+7 SPLSR	0+1+5+7 Case No	0+1+5+8 SPLSR	0+1+5+8 Case No	0+1+5+9 SPLSR	0+1+5+9 Case No
Ant 0+1	Right Cheek	0.333	0.714	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.559	1.380	1.529	1.570	1.394	1.574	1.535														
	Right Tilted	0.234	0.768	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	1.378	1.236	1.242	1.254	1.229	1.291	1.246														
	Left Cheek	0.452	0.479	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.294	1.384	1.323	1.326	1.357	1.343	1.304														
	Left Tilted	0.245	0.505	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	0.959	1.008	1.004	0.961	1.001	1.039	0.969														
Ant 0+2	Right Cheek	0.333	0.707	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.552	1.373	1.522	1.563	1.387	1.567	1.528														
	Right Tilted	0.234	0.277	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	0.887	0.745	0.751	0.763	0.738	0.800	0.755														
	Left Cheek	0.452	0.358	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.173	1.263	1.202	1.205	1.236	1.222	1.183														
	Left Tilted	0.245	0.388	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	0.842	0.891	0.887	0.844	0.884	0.922	0.852														
Ant 0+5	Right Cheek	0.333	0.313	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.158	0.979	1.128	1.169	0.993	1.173	1.134														
	Right Tilted	0.234	0.281	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	0.891	0.749	0.755	0.767	0.742	0.804	0.759														
	Left Cheek	0.452	0.685	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.500	1.590	1.529	1.532	1.563	1.549	1.510														
	Left Tilted	0.245	0.517	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	0.971	1.020	1.016	0.973	1.013	1.051	0.981														
Ant 0+7	Right Cheek	0.333	0.658	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.503	1.324	1.473	1.514	1.338	1.518	1.479														
	Right Tilted	0.234	0.225	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	0.835	0.693	0.699	0.711	0.686	0.748	0.703														
	Left Cheek	0.452	0.384	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.199	1.289	1.228	1.231	1.262	1.248	1.209														
	Left Tilted	0.245	0.336	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	0.790	0.839	0.835	0.792	0.832	0.870	0.800														
Ant 1+2	Right Cheek	0.714	0.707	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.933	1.754	1.903	1.944	1.768	1.948	1.909	0.04	Case 8	0.04	Case 9	0.04	Case 10	0.04	Case 11	0.03	Case 12	0.04	Case 13	0.04	Case 14
	Right Tilted	0.768	0.277	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	1.421	1.279	1.285	1.297	1.272	1.334	1.289														
	Left Cheek	0.479	0.358	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.200	1.290	1.229	1.232	1.263	1.249	1.210														
	Left Tilted	0.505	0.388	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	1.102	1.151	1.147	1.104	1.144	1.182	1.112														
Ant 1+6	Right Cheek	0.714	0.269	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.495	1.316	1.465	1.506	1.330	1.510	1.471														
	Right Tilted	0.768	0.247	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	1.391	1.249	1.255	1.267	1.242	1.304	1.259														
	Left Cheek	0.479	0.355	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.197	1.287	1.226	1.229	1.260	1.246	1.207														
	Left Tilted	0.505	0.135	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	0.849	0.898	0.894	0.851	0.891	0.929	0.859														
Ant 1+7	Right Cheek	0.714	0.658	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.884	1.705	1.854	1.895	1.719	1.899	1.860	0.04	Case 15	0.03	Case 16	0.03	Case 17	0.03	Case 18	0.03	Case 19	0.04	Case 20	0.03	Case 21
	Right Tilted	0.768	0.225	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	1.369	1.227	1.233	1.245	1.220	1.282	1.237														
	Left Cheek	0.479	0.384	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.226	1.316	1.255	1.258	1.289	1.275	1.236														
	Left Tilted	0.505	0.336	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	1.050	1.099	1.095	1.052	1.092	1.130	1.060														
Ant 2+5	Right Cheek	0.707	0.313	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.532	1.353	1.502	1.543	1.367	1.547	1.508														
	Right Tilted	0.277	0.281	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	0.934	0.792	0.798	0.810	0.785	0.847	0.802														
	Left Cheek	0.358	0.685	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.406	1.496	1.435	1.438	1.469	1.455	1.416														
	Left Tilted	0.388	0.517	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	1.114	1.163	1.159	1.116	1.156	1.194	1.124														
Ant 2+6	Right Cheek	0.707	0.269	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.488	1.309	1.458	1.499	1.323	1.503	1.464														
	Right Tilted	0.277	0.247	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	0.900	0.758	0.764	0.776	0.751	0.813	0.768														
	Left Cheek	0.358	0.355	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	1.076	1.166	1.105	1.108	1.139	1.125	1.086														
	Left Tilted	0.388	0.135	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	0.732	0.781	0.777	0.734	0.774	0.812	0.742														
Ant 5+6	Right Cheek	0.313	0.269	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	1.094	0.915	1.064	1.105	0.929	1.109	1.070														

	Right Tilted	0.281	0.247	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	**0.904**	**0.762**	**0.768**	**0.780**	**0.755**	**0.817**	**0.772**													
	Left Cheek	0.685	0.355	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	**1.403**	**1.493**	**1.432**	**1.435**	**1.466**	**1.452**	**1.413**													
	Left Tilted	0.517	0.135	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	**0.861**	**0.910**	**0.906**	**0.863**	**0.903**	**0.941**	**0.871**													
Ant 5+7	Right Cheek	0.313	0.658	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	**1.483**	**1.304**	**1.453**	**1.494**	**1.318**	**1.498**	**1.459**													
	Right Tilted	0.281	0.225	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	**0.882**	**0.740**	**0.746**	**0.758**	**0.733**	**0.795**	**0.750**													
	Left Cheek	0.685	0.384	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	**1.432**	**1.522**	**1.461**	**1.464**	**1.495**	**1.481**	**1.442**													
	Left Tilted	0.517	0.336	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	**1.062**	**1.111**	**1.107**	**1.064**	**1.104**	**1.142**	**1.072**													
Ant 6+7	Right Cheek	0.269	0.658	0.224	0.045	0.194	0.288	0.235	0.059	0.239	0.200	**1.439**	**1.260**	**1.409**	**1.450**	**1.274**	**1.454**	**1.415**													
	Right Tilted	0.247	0.225	0.167	0.025	0.031	0.209	0.043	0.018	0.080	0.035	**0.848**	**0.706**	**0.712**	**0.724**	**0.699**	**0.761**	**0.716**													
	Left Cheek	0.355	0.384	0.099	0.189	0.128	0.264	0.131	0.162	0.148	0.109	**1.102**	**1.192**	**1.131**	**1.134**	**1.165**	**1.151**	**1.112**													
	Left Tilted	0.135	0.336	0.021	0.070	0.066	0.188	0.023	0.063	0.101	0.031	**0.680**	**0.729**	**0.725**	**0.682**	**0.722**	**0.760**	**0.690**													

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

Exposure Position	1	2	3	4	5	6	7	8	1+4 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)	4+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)	4+8 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	Thread 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)	1g SAR (W/kg)	1g SAR (W/kg)							
Right Cheek	0.691	0.113	0.629	0.791	0.235	0.059	0.239	0.200	**1.482**	**0.904**	**1.420**	**1.026**	**0.850**	**1.030**	**0.991**
Right Tilted	0.099	0.092	0.271	0.478	0.043	0.018	0.080	0.035	**0.577**	**0.570**	**0.749**	**0.521**	**0.496**	**0.558**	**0.513**
Left Cheek	0.343	0.539	0.442	0.793	0.131	0.162	0.148	0.109	**1.136**	**1.332**	**1.235**	**0.924**	**0.955**	**0.941**	**0.902**
Left Tilted	0.081	0.217	0.228	0.544	0.023	0.063	0.101	0.031	**0.625**	**0.761**	**0.772**	**0.567**	**0.607**	**0.645**	**0.575**

D.4 Body-worn Sim-Tx analysis

<WWAN index 5>

Exposure Position	Max Ant 0 WWAN 1g SAR (W/kg)	Max Ant 1 WWAN 1g SAR (W/kg)	Max Ant 2 WWAN 1g SAR (W/kg)	Max Ant 5 WWAN 1g SAR (W/kg)	Max Ant 6 WWAN 1g SAR (W/kg)	Max Ant 7 WWAN 1g SAR (W/kg)	Ant 0+1 Summed 1g SAR (W/kg)	Ant 0+2 Summed 1g SAR (W/kg)	Ant 0+5 Summed 1g SAR (W/kg)	Ant 0+7 Summed 1g SAR (W/kg)	Ant 1+2 Summed 1g SAR (W/kg)	Ant 1+6 Summed 1g SAR (W/kg)	Ant 1+7 Summed 1g SAR (W/kg)	Ant 2+5 Summed 1g SAR (W/kg)	Ant 2+6 Summed 1g SAR (W/kg)	Ant 5+6 Summed 1g SAR (W/kg)	Ant 5+7 Summed 1g SAR (W/kg)	Ant 6+7 Summed 1g SAR (W/kg)	0+1 SPLSR	0+1 Case No	0+2 SPLSR	0+2 Case No	0+5 SPLSR	0+5 Case No	1+2 SPLSR	1+2 Case No	1+6 SPLSR	1+6 Case No
Front at 10mm	0.759	0.623	0.546	0.653	0.367	0.321	1.382	1.305	1.412	1.080	1.169	0.990	0.944	1.199	0.913	1.020	0.974	0.688										
Back at 10mm	0.981	0.989	0.657	0.810	0.614	0.421	1.970	1.638	1.791	1.402	1.646	1.603	1.410	1.467	1.271	1.424	1.231	1.035	0.02	Case 3	0.040	Case 4	0.020	Case 5	0.020	Case 6	0.020	Case 7

<WWAN index 4, WLAN index 4, BT Index 2, Thread index 2>

	Exposure Position	0 Maximum WWAN 1g SAR (W/kg)	1 Maximum WWAN 1g SAR (W/kg)	2 WLAN2.4GHz Ant 3 1g SAR (W/kg)	3 WLAN2.4GHz Ant 4 1g SAR (W/kg)	4 WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	5 WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	6 Bluetooth(2.0) Ant 3 1g SAR (W/kg)	7 Bluetooth(2.0) Ant 4 1g SAR (W/kg)	8 Bluetooth(2.0) Ant 3+4 1g SAR (W/kg)	9 Thread Ant 3 1g SAR (W/kg)	0+1+2+5 Summed 1g SAR (W/kg)	0+1+3+5 Summed 1g SAR (W/kg)	0+1+4+5 Summed 1g SAR (W/kg)	0+1+5+6 Summed 1g SAR (W/kg)	0+1+5+7 Summed 1g SAR (W/kg)	0+1+5+8 Summed 1g SAR (W/kg)	0+1+5+9 Summed 1g SAR (W/kg)	0+1+2+5 SPLSR	0+1+2+5 Case No	0+1+3+5 SPLSR	0+1+3+5 Case No	0+1+4+5 SPLSR	0+1+4+5 Case No	0+1+5+6 SPLSR	0+1+5+6 Case No	0+1+5+7 SPLSR	0+1+5+7 Case No	0+1+5+8 SPLSR	0+1+5+8 Case No	0+1+5+9 SPLSR	0+1+5+9 Case No
Ant 0+1	Front	0.547	0.623	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	1.405	1.346	1.378	1.438	1.487	1.383	1.428															
	Back	0.704	0.842	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	1.845	1.750	1.833	1.898	1.882	1.836	1.875	0.02	Case 22	0.02	Case 23	0.02	Case 24	0.02	Case 25	0.02	Case 26	0.02	Case 27	0.02	Case 28
	Left Edge	0.579	0.489	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	1.570	1.329	1.553	1.583	1.336	1.549	1.570															
	Right Edge	0.273	0.382	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	0.743	0.843	0.871	0.750	1.030	0.864	0.737															
	Top Edge		0.840	0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	1.000	0.979	1.025	1.006	1.012	1.022	1.009															
	Bottom Edge	0.846										0.846	0.846	0.846	0.846	0.846	0.846	0.846															
Ant 0+2	Front	0.547	0.485	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	1.267	1.208	1.240	1.300	1.349	1.245	1.290															
	Back	0.704	0.546	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	1.549	1.454	1.537	1.602	1.586	1.540	1.579								Case 29	0.03						
	Left Edge	0.579	0.116	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	1.197	0.956	1.180	1.210	0.963	1.176	1.197															
	Right Edge	0.273	0.745	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	1.106	1.206	1.234	1.113	1.393	1.227	1.100															
	Top Edge			0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	0.160	0.139	0.185	0.166	0.172	0.182	0.169															
	Bottom Edge	0.846	0.282									1.128	1.128	1.128	1.128	1.128	1.128	1.128															
Ant 0+5	Front	0.547	0.534	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	1.316	1.257	1.289	1.349	1.398	1.294	1.339															
	Back	0.704	0.545	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	1.548	1.453	1.536	1.601	1.585	1.539	1.578								Case 30	0.02						
	Left Edge	0.579	0.085	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	1.166	0.925	1.149	1.179	0.932	1.145	1.166															
	Right Edge	0.273	0.847	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	1.208	1.308	1.336	1.215	1.495	1.329	1.202															
	Top Edge		0.638	0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	0.798	0.777	0.823	0.804	0.810	0.820	0.807															
	Bottom Edge	0.846										0.846	0.846	0.846	0.846	0.846	0.846	0.846															
Ant 0+7	Front	0.547	0.273	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	1.055	0.996	1.028	1.088	1.137	1.033	1.078															
	Back	0.704	0.358	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	1.361	1.266	1.349	1.414	1.398	1.352	1.391															
	Left Edge	0.579	0.116	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	1.197	0.956	1.180	1.210	0.963	1.176	1.197															
	Right Edge	0.273	0.604	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	0.965	1.065	1.093	0.972	1.252	1.086	0.959															
	Top Edge			0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	0.160	0.139	0.185	0.166	0.172	0.182	0.169															
	Bottom Edge	0.846	0.136									0.982	0.982	0.982	0.982	0.982	0.982	0.982															
Ant 1+2	Front	0.623	0.485	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	1.343	1.284	1.316	1.376	1.425	1.321	1.366															
	Back	0.842	0.546	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	1.687	1.592	1.675	1.740	1.724	1.678	1.717	0.02	Case 31			0.02	Case 32	0.02	Case 33	0.03	Case 34	0.02	Case 35	0.02	Case 36
	Left Edge	0.489	0.116	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	1.107	0.866	1.090	1.120	0.873	1.086	1.107															
	Right Edge	0.382	0.745	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	1.215	1.315	1.343	1.222	1.502	1.336	1.209															
	Top Edge	0.840		0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	1.000	0.979	1.025	1.006	1.012	1.022	1.009															
	Bottom Edge		0.282									0.282	0.282	0.282	0.282	0.282	0.282	0.282															
Ant 1+6	Front	0.623	0.312	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	1.170	1.111	1.143	1.203	1.252	1.148	1.193															
	Back	0.842	0.485	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	1.626	1.531	1.614	1.679	1.663	1.617	1.656	0.03	Case 37			0.03	Case 38	0.03	Case 39	0.02	Case 40	0.02	Case 41	0.03	Case 42
	Left Edge	0.489	0.694	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	1.685	1.444	1.668	1.698	1.451	1.664	1.685	0.02	Case 43			0.02	Case 44	0.03	Case 45			0.02	Case 46	0.03	Case 47
	Right Edge	0.382	0.129	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	0.599	0.699	0.727	0.606	0.886	0.720	0.593															
	Top Edge	0.840		0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	1.000	0.979	1.025	1.006	1.012	1.022	1.009															
	Bottom Edge		0.554									0.554	0.554	0.554	0.554	0.554	0.554	0.554															
Ant 1+7	Front	0.623	0.273	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	1.131	1.072	1.104	1.164	1.213	1.109	1.154															
	Back	0.842	0.358	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	1.499	1.404	1.487	1.552	1.536	1.490	1.529															
	Left Edge	0.489	0.116	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	1.107	0.866	1.090	1.120	0.873	1.086	1.107															

	Right Edge	0.382	0.604	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	**1.074**	**1.174**	**1.202**	**1.081**	**1.361**	**1.195**	**1.068**														
	Top Edge	0.840		0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	**1.000**	**0.979**	**1.025**	**1.006**	**1.012**	**1.022**	**1.009**														
	Bottom Edge		0.136									**0.136**	**0.136**	**0.136**	**0.136**	**0.136**	**0.136**	**0.136**														
Ant 2+5	Front	0.485	0.534	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	**1.254**	**1.195**	**1.227**	**1.287**	**1.336**	**1.232**	**1.277**														
	Back	0.546	0.545	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	**1.390**	**1.295**	**1.378**	**1.443**	**1.427**	**1.381**	**1.420**														
	Left Edge	0.116	0.085	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	**0.703**	**0.462**	**0.686**	**0.716**	**0.469**	**0.682**	**0.703**														
	Right Edge	0.745	0.847	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	**1.680**	**1.780**	**1.808**	**1.687**	**1.967**	**1.801**	**1.674**	0.02	Case 48	0.03	Case 49	0.03	Case 50	0.02	Case 51	0.04	Case 52	0.03	Case 53	0.02	Case 54
	Top Edge		0.638	0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	**0.798**	**0.777**	**0.823**	**0.804**	**0.810**	**0.820**	**0.807**														
	Bottom Edge	0.282										**0.282**	**0.282**	**0.282**	**0.282**	**0.282**	**0.282**	**0.282**														
Ant 2+6	Front	0.485	0.312	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	**1.032**	**0.973**	**1.005**	**1.065**	**1.114**	**1.010**	**1.055**														
	Back	0.546	0.485	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	**1.330**	**1.235**	**1.318**	**1.383**	**1.367**	**1.321**	**1.360**														
	Left Edge	0.116	0.694	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	**1.312**	**1.071**	**1.295**	**1.325**	**1.078**	**1.291**	**1.312**														
	Right Edge	0.745	0.129	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	**0.962**	**1.062**	**1.090**	**0.969**	**1.249**	**1.083**	**0.956**														
	Top Edge			0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	**0.160**	**0.139**	**0.185**	**0.166**	**0.172**	**0.182**	**0.169**														
	Bottom Edge	0.282	0.554									**0.836**	**0.836**	**0.836**	**0.836**	**0.836**	**0.836**	**0.836**														
Ant 5+6	Front	0.534	0.312	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	**1.081**	**1.022**	**1.054**	**1.114**	**1.163**	**1.059**	**1.104**														
	Back	0.545	0.485	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	**1.329**	**1.234**	**1.317**	**1.382**	**1.366**	**1.320**	**1.359**														
	Left Edge	0.085	0.694	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	**1.281**	**1.040**	**1.264**	**1.294**	**1.047**	**1.260**	**1.281**														
	Right Edge	0.847	0.129	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	**1.064**	**1.164**	**1.192**	**1.071**	**1.351**	**1.185**	**1.058**														
	Top Edge	0.638		0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	**0.798**	**0.777**	**0.823**	**0.804**	**0.810**	**0.820**	**0.807**														
	Bottom Edge		0.554									**0.554**	**0.554**	**0.554**	**0.554**	**0.554**	**0.554**	**0.554**														
Ant 5+7	Front	0.534	0.273	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	**1.042**	**0.983**	**1.015**	**1.075**	**1.124**	**1.020**	**1.065**														
	Back	0.545	0.358	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	**1.202**	**1.107**	**1.190**	**1.255**	**1.239**	**1.193**	**1.232**														
	Left Edge	0.085	0.116	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	**0.703**	**0.462**	**0.686**	**0.716**	**0.469**	**0.682**	**0.703**														
	Right Edge	0.847	0.604	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	**1.539**	**1.639**	**1.667**	**1.546**	**1.826**	**1.660**	**1.533**			0.02	Case 55	0.02	Case 56			0.03	Case 57	0.02	Case 58		
	Top Edge	0.638		0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	**0.798**	**0.777**	**0.823**	**0.804**	**0.810**	**0.820**	**0.807**														
	Bottom Edge		0.136									**0.136**	**0.136**	**0.136**	**0.136**	**0.136**	**0.136**	**0.136**														
Ant 6+7	Front	0.312	0.273	0.118	0.059	0.091	0.117	0.151	0.200	0.096	0.141	**0.820**	**0.761**	**0.793**	**0.853**	**0.902**	**0.798**	**0.843**														
	Back	0.485	0.358	0.157	0.062	0.145	0.142	0.210	0.194	0.148	0.187	**1.142**	**1.047**	**1.130**	**1.195**	**1.179**	**1.133**	**1.172**														
	Left Edge	0.694	0.116	0.242	0.001	0.225	0.260	0.255	0.008	0.221	0.242	**1.312**	**1.071**	**1.295**	**1.325**	**1.078**	**1.291**	**1.312**														
	Right Edge	0.129	0.604	0.007	0.107	0.135	0.081	0.014	0.294	0.128	0.001	**0.821**	**0.921**	**0.949**	**0.828**	**1.108**	**0.942**	**0.815**														
	Top Edge			0.036	0.015	0.061	0.124	0.042	0.048	0.058	0.045	**0.160**	**0.139**	**0.185**	**0.166**	**0.172**	**0.182**	**0.169**														
	Bottom Edge	0.554	0.136									**0.690**	**0.690**	**0.690**	**0.690**	**0.690**	**0.690**	**0.690**														

<WWAN index 6, WLAN index 4, BT Index 2, Thread index 2>

Ant.	Exposure Position	0	1	2	3	4	5	6	7	8	9	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+5+8 Summed 1g SAR (W/kg)	0+1+5+9 Summed 1g SAR (W/kg)	0+1+2+5 SPLSR	0+1+2+5 Case No	0+1+3+5 SPLSR	0+1+3+5 Case No	0+1+4+5 SPLSR	0+1+4+5 Case No	0+1+5+6 SPLSR	0+1+5+6 Case No	0+1+5+7 SPLSR	0+1+5+7 Case No	0+1+5+8 SPLSR	0+1+5+8 Case No	0+1+5+9 SPLSR	0+1+5+9 Case No
		Maximum WWAN	Maximum WWAN	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	Bluetooth(2.0) Ant 3	Bluetooth(2.0) Ant 4	Bluetooth(2.0) Ant 3+4	Thread 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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																						
Ant 0+1	Front	0.651	0.623	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.609	1.550	1.582	1.642	1.691	1.587	1.632	0.02	Case 59					0.02	Case 60	0.02	Case 61			0.02	Case 62
	Back	0.835	0.842	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	2.110	2.015	2.098	2.163	2.147	2.101	2.140	0.03	Case 63	0.02	Case 64	0.03	Case 65	0.03	Case 66	0.03	Case 67	0.03	Case 68	0.03	Case 69
Ant 0+2	Front	0.651	0.485	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.471	1.412	1.444	1.504	1.553	1.449	1.494														
	Back	0.835	0.546	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.814	1.719	1.802	1.867	1.851	1.805	1.844	0.02	Case 70	0.04	Case 71	0.02	Case 72	0.02	Case 73	0.03	Case 74	0.03	Case 75	0.02	Case 76
Ant 0+5	Front	0.651	0.556	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.542	1.483	1.515	1.575	1.624	1.520	1.565									0.02	Case 77				
	Back	0.835	0.690	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.958	1.863	1.946	2.011	1.995	1.949	1.988	0.03	Case 78	0.02	Case 79	0.03	Case 80	0.03	Case 81	0.02	Case 82	0.03	Case 83	0.03	Case 84
Ant 0+7	Front	0.651	0.273	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.259	1.200	1.232	1.292	1.341	1.237	1.282														
	Back	0.835	0.358	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.626	1.531	1.614	1.679	1.663	1.617	1.656	0.04	Case 85			0.04	Case 86	0.04	Case 87	0.04	Case 88	0.04	Case 89	0.04	Case 90
Ant 1+2	Front	0.623	0.485	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.443	1.384	1.416	1.476	1.525	1.421	1.466														
	Back	0.842	0.546	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.821	1.726	1.809	1.874	1.858	1.812	1.851	0.02	Case 91	0.03	Case 92	0.02	Case 93	0.03	Case 94	0.03	Case 95	0.02	Case 96	0.02	Case 97
Ant 1+6	Front	0.623	0.312	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.270	1.211	1.243	1.303	1.352	1.248	1.293														
	Back	0.842	0.523	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.798	1.703	1.786	1.851	1.835	1.789	1.828	0.03	Case 98	0.02	Case 99	0.03	Case 100	0.03	Case 101	0.02	Case 102	0.03	Case 103	0.03	Case 104
Ant 1+7	Front	0.623	0.273	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.231	1.172	1.204	1.264	1.313	1.209	1.254														
	Back	0.842	0.358	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.633	1.538	1.621	1.686	1.670	1.624	1.663	0.02	Case 105			0.02	Case 106	0.02	Case 107	0.03	Case 108	0.02	Case 109	0.02	Case 110
Ant 2+5	Front	0.485	0.556	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.376	1.317	1.349	1.409	1.458	1.354	1.399														
	Back	0.546	0.690	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.669	1.574	1.657	1.722	1.706	1.660	1.699	0.03	Case 111			0.03	Case 112	0.03	Case 113	0.03	Case 114	0.03	Case 115	0.03	Case 116
Ant 2+6	Front	0.485	0.312	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.132	1.073	1.105	1.165	1.214	1.110	1.155														
	Back	0.546	0.523	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.502	1.407	1.490	1.555	1.539	1.493	1.532														
Ant 5+6	Front	0.556	0.312	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.203	1.144	1.176	1.236	1.285	1.181	1.226														
	Back	0.690	0.523	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.646	1.551	1.634	1.699	1.683	1.637	1.676	0.02	Case 117			0.02	Case 118	0.03	Case 119	0.02	Case 120	0.02	Case 121	0.02	Case 122
Ant 5+7	Front	0.556	0.273	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	1.164	1.105	1.137	1.197	1.246	1.142	1.187														
	Back	0.690	0.358	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.481	1.386	1.469	1.534	1.518	1.472	1.511														
Ant 6+7	Front	0.312	0.273	0.118	0.059	0.091	0.217	0.151	0.200	0.096	0.141	0.920	0.861	0.893	0.953	1.002	0.898	0.943														
	Back	0.523	0.358	0.157	0.062	0.145	0.276	0.210	0.194	0.148	0.187	1.314	1.219	1.302	1.367	1.351	1.305	1.344														

D.5 Product Specific Sim-Tx analysis

<WLAN Index 3, NFC>

Exposure Position	1	2	1+2 Summed 10g SAR (W/kg)
	WLAN5/6GHz Ant 3+4	NFC	
	10g SAR (W/kg)	10g SAR (W/kg)	
Front	1.804	0.001	**1.805**
Back	0.536	0.018	**0.554**
Left Edge	2.785	0.001	**2.786**
Right Edge	0.855	0.001	**0.856**
Top Edge	0.922	0.001	**0.923**
Bottom Edge			**0.000**

<WWAN Index 5, WLAN Index 4, NFC>

Exposure Position	1	2	3	1+2+3 Summed 10g SAR (W/kg)
	WWAN	WLAN5/6GHz Ant 3+4	NFC	
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
Front		1.260	0.001	**1.261**
Back		0.393	0.018	**0.411**
Left Edge		1.963	0.001	**1.964**
Right Edge		0.514	0.001	**0.515**
Top Edge		0.690	0.001	**0.691**
Bottom Edge	2.498			**2.498**

D.6 SAR Peak Location Distance and SPSLR analysis

<Case 1>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)	0.590	0.698	0.680	0.928	0.634	0.466	0.874	0.545	0.928	0.697	0.577	0.928	0.469	0.588
		0=9 Summed SAR	0=10 Summed SAR	0=11 Summed SAR	0=12 Summed SAR	0=13 Summed SAR	0=14 Summed SAR	0=15 Summed SAR	0=16 Summed SAR	0=17 Summed SAR	0=18 Summed SAR	0=19 Summed SAR	0=20 Summed SAR	0=21 Summed SAR	0=22 Summed SAR
GSM850_Ant 1 TX0	0.927	1.517	1.625	1.607	1.855	1.561	1.393	1.801	1.472	1.855	1.624	1.534	1.855	1.416	1.515
WCDMA V_Ant 1 TX0	0.929	1.526	1.627	1.619	1.857	1.573	1.405	1.813	1.484	1.857	1.626	1.516	1.857	1.428	1.527
LTE Band 12_Ant 1 TX0	0.878	1.468	1.576	1.559	1.806	1.512	1.344	1.752	1.423	1.806	1.575	1.455	1.806	1.367	1.466
LTE Band 13_Ant 1 TX0	0.903	1.523	1.631	1.613	1.861	1.567	1.399	1.807	1.478	1.861	1.630	1.510	1.861	1.422	1.521
LTE Band 14_Ant 1 TX0	0.902	1.522	1.630	1.612	1.860	1.566	1.398	1.806	1.477	1.860	1.629	1.509	1.860	1.421	1.520
LTE Band 26_Ant 1 Sub TX0	0.811	1.401	1.509	1.491	1.739	1.445	1.277	1.685	1.356	1.739	1.508	1.388	1.739	1.300	1.399
LTE Band 30_Ant 1 TX0	0.881	1.471	1.579	1.561	1.809	1.515	1.347	1.755	1.426	1.809	1.578	1.458	1.809	1.370	1.469
LTE Band 66_Ant 1 Sub TX0	0.857	1.447	1.555	1.537	1.785	1.491	1.323	1.731	1.402	1.785	1.554	1.434	1.785	1.346	1.445
LTE Band 71_Ant 1 TX0	0.903	1.493	1.601	1.583	1.831	1.537	1.369	1.777	1.448	1.831	1.600	1.480	1.831	1.392	1.491
FR1 n12_Ant 1 TX0	0.885	1.475	1.583	1.565	1.813	1.519	1.351	1.759	1.430	1.813	1.582	1.462	1.813	1.374	1.473
FR1 n14_Ant 1 TX0	0.872	1.462	1.570	1.552	1.800	1.506	1.338	1.746	1.417	1.800	1.569	1.449	1.800	1.361	1.460
FR1 n25_Ant 1 Sub TX0	0.839	1.429	1.537	1.519	1.767	1.473	1.305	1.713	1.384	1.767	1.536	1.416	1.767	1.328	1.427
FR1 n26_Ant 1 TX0	0.921	1.521	1.629	1.611	1.859	1.565	1.397	1.805	1.476	1.859	1.628	1.508	1.859	1.420	1.519
FR1 n41_Ant 1 Sub TX0	0.744	1.334	1.442	1.424	1.672	1.378	1.210	1.618	1.289	1.672	1.441	1.321	1.672	1.233	1.332
FR1 n66_Ant 1 Sub TX0	0.928	1.518	1.626	1.608	1.856	1.562	1.394	1.802	1.473	1.856	1.625	1.505	1.856	1.417	1.516
FR1 n68_Ant 1 Sub TX0	0.941	1.531	1.639	1.621	1.869	1.575	1.407	1.815	1.486	1.869	1.638	1.518	1.869	1.430	1.529
FR1 n71_Ant 1 TX0	0.927	1.517	1.625	1.607	1.855	1.561	1.393	1.801	1.472	1.855	1.624	1.504	1.855	1.416	1.515
FR1 n77_Ant 1 Sub TX0	0.935	1.525	1.633	1.615	1.863	1.569	1.401	1.809	1.480	1.863	1.632	1.512	1.863	1.424	1.523

SAR peak location (mm)			X (mm)		55.7	56.9	56.9	53.7	56.0	56.9	55.2	56.3	54.3	55.6	56.3	55.6	57.6	56.4
			Y (mm)		-245.7	-245.6	-245.7	-246.4	-246.6	-108	-262.4	-108	-262.7	-246.6	-246.9	-261	-247.8	-246.8
			Z (mm)		-175.8	-173.4	-173.4	-176.3	-174	-173.8	-177.7	-173.1	-177.8	-174.1	-177.4	-177.6	-173.5	-173.6
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR		GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)	0.59	0.698	0.68	0.928	0.634	0.466	0.874	0.545	0.928	0.697	0.577	0.928	0.469	0.588
					0=9 SPLSR Results	0=10 SPLSR Results	0=11 SPLSR Results	0=12 SPLSR Results	0=13 SPLSR Results	0=14 SPLSR Results	0=15 SPLSR Results	0=16 SPLSR Results	0=17 SPLSR Results	0=18 SPLSR Results	0=19 SPLSR Results	0=20 SPLSR Results	0=21 SPLSR Results	0=22 SPLSR Results
14	-326.2	-176.8	GSM850_Ant 1 TX0	0.927		0.02	0.02	0.03			0.03		0.03	0.02		0.03		
12.8	-321.4	-174.1	WCDMA V_Ant 1 TX0	0.929		0.02	0.02	0.03			0.03		0.03	0.03		0.03		
14.9	-322.9	-174.3	LTE Band 12_Ant 1 TX0	0.878				0.03			0.03		0.03			0.03		
15.5	-321.8	-177.1	LTE Band 13_Ant 1 TX0	0.903		0.02	0.02	0.03			0.03		0.03	0.03		0.03		
14.4	-321.3	-177	LTE Band 14_Ant 1 TX0	0.902		0.02	0.02	0.03			0.03		0.03	0.03		0.03		
14.5	-328.5	-174.1	LTE Band 26_Ant 1 Sub TX0	0.811				0.03			0.03		0.03			0.03		
14.1	-329	-176.8	LTE Band 30_Ant 1 TX0	0.881				0.03			0.03		0.03			0.03		
13	-326.6	-176	LTE Band 66_Ant 1 Sub TX0	0.857				0.03			0.03		0.03			0.03		
16.1	-327.2	-174.4	LTE Band 71_Ant 1 TX0	0.903		0.02		0.03			0.03		0.03	0.02		0.03		
15.1	-328.7	-174.4	FR1 n12_Ant 1 TX0	0.885				0.03			0.03		0.03			0.03		
15	-324.8	-174.4	FR1 n14_Ant 1 TX0	0.872				0.03			0.03		0.03			0.03		
20.7	-326.2	-174.2	FR1 n25_Ant 1 Sub TX0	0.839				0.03			0.03		0.03			0.03		
16.8	-323.9	-174.5	FR1 n26_Ant 1 TX0	0.921		0.02	0.02	0.03			0.03		0.03	0.03		0.03		
12.2	-324	-174.1	FR1 n41_Ant 1 Sub TX0	0.744				0.03			0.02		0.03			0.03		
17.8	-324.9	-174.4	FR1 n66_Ant 1 Sub TX0	0.928		0.02	0.02	0.03			0.03		0.03	0.02		0.03		
15.8	-332.3	-176	FR1 n68_Ant 1 Sub TX0	0.941		0.02	0.02	0.03			0.03		0.03	0.02		0.03		
16	-322.3	-174.3	FR1 n71_Ant 1 TX0	0.927		0.02	0.02	0.03			0.03		0.03	0.02		0.03		
16.5	-324.8	-177.2	FR1 n77_Ant 1 Sub TX0	0.935		0.02	0.02	0.03			0.03		0.03	0.02		0.03		

<Case 2>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	9	10	11
	WWAN SAR	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)	0.125	0.197	0.810
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR
GSM850_Ant 1 TX1	0.927	1.052	1.124	1.737
WCDMA V_Ant 1 TX1	0.939	1.064	1.136	1.749
LTE Band 12_Ant 1 TX1	0.878	1.003	1.075	1.688
LTE Band 13_Ant 1 TX1	0.933	1.058	1.130	1.743
LTE Band 14_Ant 1 TX1	0.932	1.057	1.129	1.742
LTE Band 25_Ant 1 Sub TX0	0.811	0.936	1.008	1.621
LTE Band 26_Ant 1 TX1	0.881	1.006	1.078	1.691
LTE Band 66_Ant 1 Sub TX0	0.857	0.982	1.054	1.667
LTE Band 71_Ant 1 TX1	0.903	1.028	1.100	1.713
FR1 n12_Ant 1 TX1	0.885	1.010	1.082	1.695
FR1 n14_Ant 1 TX1	0.872	0.997	1.069	1.682
FR1 n25_Ant 1 Sub TX0	0.839	0.964	1.036	1.649
FR1 n26_Ant 1 TX1	0.931	1.056	1.128	1.741
FR1 n41_Ant 1 Sub TX0	0.744	0.869	0.941	1.554
FR1 n48_Ant 1 Sub TX0	0.928	1.053	1.125	1.738
FR1 n66_Ant 1 Sub TX0	0.941	1.066	1.138	1.751
FR1 n71_Ant 1 TX1	0.927	1.052	1.124	1.737
FR1 n77_Ant 1 Sub TX0	0.935	1.060	1.132	1.745

SAR peak location (mm)			X (axis)		49	56	55.9
			Y (axis)		-252.7	-245.4	-245.2
			Z (axis)		-175.1	-177.3	-173.5
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	9	10	11
				WWAN SAR	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Cheek	1g SAR (W/kg)	0.125	0.197	0.81
					0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results
14	-326.2	-176.8	GSM850_Ant 1 TX1	0.927			0.03
12.8	-320.4	-174.1	WCDMA V_Ant 1 TX1	0.939			0.03
14.9	-322.9	-174.3	LTE Band 12_Ant 1 TX1	0.878			0.02
15.5	-321.8	-177.1	LTE Band 13_Ant 1 TX1	0.933			0.03
14.4	-320.3	-177	LTE Band 14_Ant 1 TX1	0.932			0.03
14.5	-329.5	-174.1	LTE Band 25_Ant 1 Sub TX0	0.811			0.02
14.1	-325	-176.9	LTE Band 26_Ant 1 TX1	0.881			0.02
13	-328.6	-174	LTE Band 66_Ant 1 Sub TX0	0.857			0.02
18.1	-327.4	-174.4	LTE Band 71_Ant 1 TX1	0.903			0.02
15.1	-319.7	-174.4	FR1 n12_Ant 1 TX1	0.885			0.03
15	-318.8	-174.4	FR1 n14_Ant 1 TX1	0.872			0.03
20.7	-334.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.839			0.02
16.6	-323.6	-174.5	FR1 n26_Ant 1 TX1	0.931			0.03
12.2	-324	-174.1	FR1 n41_Ant 1 Sub TX0	0.744			
37.8	-333.9	-174.4	FR1 n48_Ant 1 Sub TX0	0.928			0.03
15.8	-332.3	-174	FR1 n66_Ant 1 Sub TX0	0.941			0.02
15	-322.3	-174.3	FR1 n71_Ant 1 TX1	0.927			0.03
36.5	-334.8	-177.2	FR1 n77_Ant 1 Sub TX0	0.935			0.03

<Case 3>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position: Back	0 WWAN SAR 1g SAR (W/kg)	9 GSM850_Ant 0 TX0 0.949 0+9 Summed SAR	10 GSM1900_Ant 0 TX1 0.784 0+10 Summed SAR	11 WCDMA II_Ant 0 TX1 0.964 0+11 Summed SAR	12 WCDMA IV_Ant 0 TX1 0.967 0+12 Summed SAR	13 WCDMA V_Ant 0 TX0 0.726 0+13 Summed SAR	14 LTE Band 7_Ant 0 TX1 0.943 0+14 Summed SAR	15 LTE Band 12_Ant 0 TX0 0.382 0+15 Summed SAR	16 LTE Band 13_Ant 0 TX0 0.571 0+16 Summed SAR	17 LTE Band 14_Ant 0 TX0 0.616 0+17 Summed SAR	18 LTE Band 25_Ant 0 TX1 0.940 0+18 Summed SAR	19 LTE Band 26_Ant 0 TX0 0.677 0+19 Summed SAR	20 LTE Band 30_Ant 0 TX1 0.885 0+20 Summed SAR
GSM850_Ant 1 TX1	0.640	1.589	1.424	1.604	1.607	1.366	1.583	1.022	1.211	1.256	1.580	1.317	1.525
WCDMA V_Ant 1 TX1	0.490	1.439	1.274	1.454	1.457	1.216	1.433	0.872	1.061	1.106	1.430	1.167	1.375
LTE Band 12_Ant 1 TX1	0.351	1.300	1.135	1.315	1.318	1.077	1.294	0.733	0.922	0.967	1.291	1.028	1.236
LTE Band 13_Ant 1 TX1	0.515	1.464	1.299	1.479	1.482	1.241	1.458	0.897	1.086	1.131	1.455	1.192	1.400
LTE Band 14_Ant 1 TX1	0.520	1.469	1.304	1.484	1.487	1.246	1.463	0.902	1.091	1.136	1.460	1.197	1.405
LTE Band 25_Ant 1 Sub TX0	0.989	1.938	1.773	1.953	1.956	1.715	1.932	1.371	1.560	1.605	1.929	1.666	1.874
LTE Band 26_Ant 1 TX1	0.417	1.366	1.201	1.381	1.384	1.143	1.360	0.799	0.988	1.033	1.357	1.094	1.302
LTE Band 66_Ant 1 Sub TX0	0.978	1.927	1.762	1.942	1.945	1.704	1.921	1.360	1.549	1.594	1.918	1.655	1.863
LTE Band 71_Ant 1 TX1	0.289	1.238	1.073	1.253	1.256	1.015	1.232	0.671	0.860	0.905	1.229	0.966	1.174
FR1 n12_Ant 1 TX1	0.422	1.371	1.206	1.386	1.389	1.148	1.365	0.804	0.993	1.038	1.362	1.099	1.307
FR1 n14_Ant 1 TX1	0.533	1.482	1.317	1.497	1.500	1.259	1.476	0.915	1.104	1.149	1.473	1.210	1.418
FR1 n25_Ant 1 Sub TX0	0.877	1.826	1.661	1.841	1.844	1.603	1.820	1.259	1.448	1.493	1.817	1.554	1.762
FR1 n26_Ant 1 TX1	0.424	1.373	1.208	1.388	1.391	1.150	1.367	0.806	0.995	1.040	1.364	1.101	1.309
FR1 n41_Ant 1 Sub TX0	0.962	1.911	1.746	1.926	1.929	1.688	1.905	1.344	1.533	1.578	1.902	1.639	1.847
FR1 n48_Ant 1 Sub TX0	0.506	1.455	1.290	1.470	1.473	1.232	1.449	0.888	1.077	1.122	1.446	1.183	1.391
FR1 n66_Ant 1 Sub TX0	0.848	1.797	1.632	1.812	1.815	1.574	1.791	1.230	1.419	1.464	1.788	1.525	1.733
FR1 n71_Ant 1 TX1	0.346	1.295	1.130	1.310	1.313	1.072	1.289	0.728	0.917	0.962	1.286	1.023	1.231
FR1 n77_Ant 1 Sub TX0	0.451	1.400	1.235	1.415	1.418	1.177	1.394	0.833	1.022	1.067	1.391	1.128	1.336

Exposure Position: Back	21 LTE Band 41_Ant 0 TX1 0.971 0+21 Summed SAR	22 LTE Band 66_Ant 0 TX1 0.981 0+22 Summed SAR	23 LTE Band 71_Ant 0 TX0 0.386 0+23 Summed SAR	24 FR1 n7_Ant 0 TX1 0.724 0+24 Summed SAR	25 FR1 n12_Ant 0 TX0 0.393 0+25 Summed SAR	26 FR1 n14_Ant 0 TX0 0.570 0+26 Summed SAR	27 FR1 n25_Ant 0 TX1 0.961 0+27 Summed SAR	28 FR1 n26_Ant 0 TX0 0.655 0+28 Summed SAR	29 FR1 n30_Ant 0 TX1 0.842 0+29 Summed SAR	30 FR1 n41_Ant 0 TX1 0.946 0+30 Summed SAR	31 FR1 n66_Ant 0 TX1 0.913 0+31 Summed SAR	32 FR1 n70_Ant 0 TX1 0.799 0+32 Summed SAR	33 FR1 n71_Ant 0 TX0 0.357 0+33 Summed SAR
GSM850_Ant 1 TX1	1.611	1.621	1.026	1.364	1.033	1.210	1.601	1.295	1.482	1.586	1.553	1.439	0.997
WCDMA V_Ant 1 TX1	1.461	1.471	0.876	1.214	0.883	1.060	1.451	1.145	1.332	1.436	1.403	1.289	0.847
LTE Band 12_Ant 1 TX1	1.322	1.332	0.737	1.075	0.744	0.921	1.312	1.006	1.193	1.297	1.264	1.150	0.708
LTE Band 13_Ant 1 TX1	1.486	1.496	0.901	1.239	0.908	1.085	1.476	1.170	1.357	1.461	1.428	1.314	0.872
LTE Band 14_Ant 1 TX1	1.491	1.501	0.906	1.244	0.913	1.090	1.481	1.175	1.362	1.466	1.433	1.319	0.877
LTE Band 25_Ant 1 Sub TX0	1.960	1.970	1.375	1.713	1.382	1.559	1.950	1.644	1.831	1.935	1.902	1.788	1.346
LTE Band 26_Ant 1 TX1	1.388	1.398	0.803	1.141	0.810	0.987	1.378	1.072	1.259	1.363	1.330	1.216	0.774
LTE Band 66_Ant 1 Sub TX0	1.949	1.959	1.364	1.702	1.371	1.548	1.939	1.633	1.820	1.924	1.891	1.777	1.335
LTE Band 71_Ant 1 TX1	1.260	1.270	0.675	1.013	0.682	0.859	1.250	0.944	1.131	1.235	1.202	1.088	0.646
FR1 n12_Ant 1 TX1	1.393	1.403	0.808	1.146	0.815	0.992	1.383	1.077	1.264	1.368	1.335	1.221	0.779
FR1 n14_Ant 1 TX1	1.504	1.514	0.919	1.257	0.926	1.103	1.494	1.188	1.375	1.479	1.446	1.332	0.890
FR1 n25_Ant 1 Sub TX0	1.848	1.858	1.263	1.601	1.270	1.447	1.838	1.532	1.719	1.823	1.790	1.676	1.234
FR1 n26_Ant 1 TX1	1.395	1.405	0.810	1.148	0.817	0.994	1.385	1.079	1.266	1.370	1.337	1.223	0.781
FR1 n41_Ant 1 Sub TX0	1.933	1.943	1.348	1.686	1.355	1.532	1.923	1.617	1.804	1.908	1.875	1.761	1.319
FR1 n48_Ant 1 Sub TX0	1.477	1.487	0.892	1.230	0.899	1.076	1.467	1.161	1.348	1.452	1.419	1.305	0.863
FR1 n66_Ant 1 Sub TX0	1.819	1.829	1.234	1.572	1.241	1.418	1.809	1.503	1.690	1.794	1.761	1.647	1.205
FR1 n71_Ant 1 TX1	1.317	1.327	0.732	1.070	0.739	0.916	1.307	1.001	1.188	1.292	1.259	1.145	0.703
FR1 n77_Ant 1 Sub TX0	1.422	1.432	0.837	1.175	0.844	1.021	1.412	1.106	1.293	1.397	1.364	1.250	0.808

X (axis)	Y (axis)	Z (axis)	Exposure Position: Back	0 WWAN SAR 1g SAR (W/kg)	9 GSM850_Ant 0 TX0 0.949 0+9 SPLSR Results	10 GSM1900_Ant 0 TX1 0.784 0+10 SPLSR Results	11 WCDMA II_Ant 0 TX1 0.964 0+11 SPLSR Results	12 WCDMA IV_Ant 0 TX1 0.967 0+12 SPLSR Results	13 WCDMA V_Ant 0 TX0 0.726 0+13 SPLSR Results	14 LTE Band 7_Ant 0 TX1 0.943 0+14 SPLSR Results	15 LTE Band 12_Ant 0 TX0 0.382 0+15 SPLSR Results	16 LTE Band 13_Ant 0 TX0 0.571 0+16 SPLSR Results	17 LTE Band 14_Ant 0 TX0 0.616 0+17 SPLSR Results	18 LTE Band 25_Ant 0 TX1 0.94 0+18 SPLSR Results	19 LTE Band 26_Ant 0 TX0 0.677 0+19 SPLSR Results	20 LTE Band 30_Ant 0 TX1 0.885 0+20 SPLSR Results
SAR peak location (mm)			X (axis)		-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5
			Y (axis)		-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640			0.02	0.01								
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490												
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351												
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515												
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520												
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.989	0.02	0.02	0.02	0.02	0.01	0.02			0.01	0.02	0.01	0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417												
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.978	0.02	0.02	0.02	0.02	0.01	0.02				0.02	0.01	0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289												
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422												
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533												
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.877	0.02	0.01	0.02	0.02	0.01	0.02				0.02		0.02
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424												
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.962	0.02	0.01	0.02	0.02	0.01	0.02				0.02	0.01	0.02
15	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.506												
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.848	0.02	0.01	0.02	0.02		0.02				0.02		0.01
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346												
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.451												

Exposure Position: Back	21 LTE Band 41_Ant 0 TX1 0.971 0+21 SPLSR Results	22 LTE Band 66_Ant 0 TX1 0.981 0+22 SPLSR Results	23 LTE Band 71_Ant 0 TX0 0.386 0+23 SPLSR Results	24 FR1 n7_Ant 0 TX1 0.724 0+24 SPLSR Results	25 FR1 n12_Ant 0 TX0 0.393 0+25 SPLSR Results	26 FR1 n14_Ant 0 TX0 0.57 0+26 SPLSR Results	27 FR1 n25_Ant 0 TX1 0.961 0+27 SPLSR Results	28 FR1 n26_Ant 0 TX0 0.655 0+28 SPLSR Results	29 FR1 n30_Ant 0 TX1 0.842 0+29 SPLSR Results	30 FR1 n41_Ant 0 TX1 0.946 0+30 SPLSR Results	31 FR1 n66_Ant 0 TX1 0.913 0+31 SPLSR Results	32 FR1 n70_Ant 0 TX1 0.799 0+32 SPLSR Results	33 FR1 n71_Ant 0 TX0 0.357 0+33 SPLSR Results
X (axis)	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
Y (axis)	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
Z (axis)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
GSM850_Ant 1 TX1	0.02	0.02					0.01						
WCDMA V_Ant 1 TX1													
LTE Band 12_Ant 1 TX1													
LTE Band 13_Ant 1 TX1													
LTE Band 14_Ant 1 TX1													
LTE Band 25_Ant 1 Sub TX0	0.02	0.02		0.02			0.02	0.01	0.02	0.02	0.02	0.02	
LTE Band 26_Ant 1 TX1													
LTE Band 66_Ant 1 Sub TX0	0.02	0.02		0.02			0.02	0.01	0.02	0.02	0.02	0.02	
LTE Band 71_Ant 1 TX1													
FR1 n12_Ant 1 TX1													
FR1 n14_Ant 1 TX1													
FR1 n25_Ant 1 Sub TX0	0.02	0.02		0.01			0.02		0.01	0.02	0.02	0.01	
FR1 n26_Ant 1 TX1													
FR1 n41_Ant 1 Sub TX0	0.02	0.02		0.02			0.02	0.01	0.02	0.02	0.02	0.02	
FR1 n48_Ant 1 Sub TX0													
FR1 n66_Ant 1 Sub TX0	0.02	0.02					0.02		0.01	0.02	0.02	0.01	
FR1 n71_Ant 1 TX1													
FR1 n77_Ant 1 Sub TX0													

<Case 4>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position: Back	0 WWAN SAR 1g SAR (W/kg)	9 GSM850_Ant 0 TX0 0.949 0+9 Summed SAR	10 GSM1900_Ant 0 TX1 0.784 0+10 Summed SAR	11 WCDMA II_Ant 0 TX1 0.964 0+11 Summed SAR	12 WCDMA IV_Ant 0 TX1 0.967 0+12 Summed SAR	13 WCDMA V_Ant 0 TX0 0.726 0+13 Summed SAR	14 LTE Band 7_Ant 0 TX1 0.943 0+14 Summed SAR	15 LTE Band 12_Ant 0 TX0 0.382 0+15 Summed SAR	16 LTE Band 13_Ant 0 TX0 0.571 0+16 Summed SAR	17 LTE Band 14_Ant 0 TX0 0.616 0+17 Summed SAR	18 LTE Band 25_Ant 0 TX1 0.940 0+18 Summed SAR	19 LTE Band 26_Ant 0 TX0 0.677 0+19 Summed SAR	20 LTE Band 30_Ant 0 TX1 0.885 0+20 Summed SAR
GSM1900_Ant 2 TX0	0.486	1.435	1.270	1.450	1.453	1.212	1.429	0.868	1.057	1.102	1.426	1.163	1.371
WCDMA II_Ant 2 TX0	0.542	1.491	1.326	1.506	1.509	1.268	1.485	0.924	1.113	1.158	1.482	1.219	1.427
WCDMA IV_Ant 2 TX0	0.499	1.448	1.283	1.463	1.466	1.225	1.442	0.881	1.070	1.115	1.439	1.176	1.384
LTE Band 7_Ant 2 TX0	0.425	1.374	1.209	1.389	1.392	1.151	1.368	0.807	0.996	1.041	1.365	1.102	1.310
LTE Band 25_Ant 2 TX0	0.447	1.396	1.231	1.411	1.414	1.173	1.390	0.829	1.018	1.063	1.387	1.124	1.332
LTE Band 30_Ant 2 TX0	0.486	1.435	1.270	1.450	1.453	1.212	1.429	0.868	1.057	1.102	1.426	1.163	1.371
LTE Band 41_Ant 2 TX0	0.601	1.550	1.385	1.565	1.568	1.327	1.544	0.983	1.172	1.217	1.541	1.278	1.486
LTE Band 66_Ant 2 TX0	0.421	1.370	1.205	1.385	1.388	1.147	1.364	0.803	0.992	1.037	1.361	1.098	1.306
FR1 n7_Ant 2 TX0	0.399	1.348	1.183	1.363	1.366	1.125	1.342	0.781	0.970	1.015	1.339	1.076	1.284
FR1 n25_Ant 2 TX0	0.445	1.394	1.229	1.409	1.412	1.171	1.388	0.827	1.016	1.061	1.385	1.122	1.330
FR1 n30_Ant 2 TX0	0.399	1.348	1.183	1.363	1.366	1.125	1.342	0.781	0.970	1.015	1.339	1.076	1.284
FR1 n41_Ant 2 TX0	0.657	1.606	1.441	1.621	1.624	1.383	1.600	1.039	1.228	1.273	1.597	1.334	1.542
FR1 n66_Ant 2 TX0	0.421	1.370	1.205	1.385	1.388	1.147	1.364	0.803	0.992	1.037	1.361	1.098	1.306
FR1 n70_Ant 2 TX0	0.530	1.479	1.314	1.494	1.497	1.256	1.473	0.912	1.101	1.146	1.470	1.207	1.415

Exposure Position: Back	21 LTE Band 41_Ant 0 TX1 0.971 0+21 Summed SAR	22 LTE Band 66_Ant 0 TX1 0.981 0+22 Summed SAR	23 LTE Band 71_Ant 0 TX0 0.386 0+23 Summed SAR	24 FR1 n7_Ant 0 TX1 0.724 0+24 Summed SAR	25 FR1 n12_Ant 0 TX0 0.393 0+25 Summed SAR	26 FR1 n14_Ant 0 TX0 0.570 0+26 Summed SAR	27 FR1 n25_Ant 0 TX1 0.961 0+27 Summed SAR	28 FR1 n26_Ant 0 TX0 0.655 0+28 Summed SAR	29 FR1 n30_Ant 0 TX1 0.842 0+29 Summed SAR	30 FR1 n41_Ant 0 TX1 0.946 0+30 Summed SAR	31 FR1 n66_Ant 0 TX1 0.913 0+31 Summed SAR	32 FR1 n70_Ant 0 TX1 0.799 0+32 Summed SAR	33 FR1 n71_Ant 0 TX0 0.357 0+33 Summed SAR
GSM1900_Ant 2 TX0	1.457	1.467	0.872	1.210	0.879	1.056	1.447	1.141	1.328	1.432	1.399	1.285	0.843
WCDMA II_Ant 2 TX0	1.513	1.523	0.928	1.266	0.935	1.112	1.503	1.197	1.384	1.488	1.455	1.341	0.899
WCDMA IV_Ant 2 TX0	1.470	1.480	0.885	1.223	0.892	1.069	1.460	1.154	1.341	1.445	1.412	1.298	0.856
LTE Band 7_Ant 2 TX0	1.396	1.406	0.811	1.149	0.818	0.995	1.386	1.080	1.267	1.371	1.338	1.224	0.782
LTE Band 25_Ant 2 TX0	1.418	1.428	0.833	1.171	0.840	1.017	1.408	1.102	1.289	1.393	1.360	1.246	0.804
LTE Band 30_Ant 2 TX0	1.457	1.467	0.872	1.210	0.879	1.056	1.447	1.141	1.328	1.432	1.399	1.285	0.843
LTE Band 41_Ant 2 TX0	1.572	1.582	0.987	1.325	0.994	1.171	1.562	1.256	1.443	1.547	1.514	1.400	0.958
LTE Band 66_Ant 2 TX0	1.392	1.402	0.807	1.145	0.814	0.991	1.382	1.076	1.263	1.367	1.334	1.220	0.778
FR1 n7_Ant 2 TX0	1.370	1.380	0.785	1.123	0.792	0.969	1.360	1.054	1.241	1.345	1.312	1.198	0.756
FR1 n25_Ant 2 TX0	1.416	1.426	0.831	1.169	0.838	1.015	1.406	1.100	1.287	1.391	1.358	1.244	0.802
FR1 n30_Ant 2 TX0	1.370	1.380	0.785	1.123	0.792	0.969	1.360	1.054	1.241	1.345	1.312	1.198	0.756
FR1 n41_Ant 2 TX0	1.628	1.638	1.043	1.381	1.050	1.227	1.618	1.312	1.499	1.603	1.570	1.456	1.014
FR1 n66_Ant 2 TX0	1.392	1.402	0.807	1.145	0.814	0.991	1.382	1.076	1.263	1.367	1.334	1.220	0.778
FR1 n70_Ant 2 TX0	1.501	1.511	0.916	1.254	0.923	1.100	1.491	1.185	1.372	1.476	1.443	1.329	0.887

X (axis)	Y (axis)	Z (axis)	Exposure Position: Back	0 WWAN SAR 1g SAR (W/kg)	9 GSM850_Ant 0 TX0 0.949 0+9 SPLSR Results	10 GSM1900_Ant 0 TX1 0.784 0+10 SPLSR Results	11 WCDMA II_Ant 0 TX1 0.964 0+11 SPLSR Results	12 WCDMA IV_Ant 0 TX1 0.967 0+12 SPLSR Results	13 WCDMA V_Ant 0 TX0 0.726 0+13 SPLSR Results	14 LTE Band 7_Ant 0 TX1 0.943 0+14 SPLSR Results	15 LTE Band 12_Ant 0 TX0 0.382 0+15 SPLSR Results	16 LTE Band 13_Ant 0 TX0 0.571 0+16 SPLSR Results	17 LTE Band 14_Ant 0 TX0 0.616 0+17 SPLSR Results	18 LTE Band 25_Ant 0 TX1 0.94 0+18 SPLSR Results	19 LTE Band 26_Ant 0 TX0 0.677 0+19 SPLSR Results	20 LTE Band 30_Ant 0 TX1 0.885 0+20 SPLSR Results
SAR peak location (mm)			X (axis)		-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5
			Y (axis)		-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
-50.1	-50.8	-207	GSM1900_Ant 2 TX0	0.486												
-54.1	-49.8	-207	WCDMA II_Ant 2 TX0	0.542												
-42.2	-59	-207	WCDMA IV_Ant 2 TX0	0.499												
-59	-42	-207	LTE Band 7_Ant 2 TX0	0.425												
-44.1	-58.1	-207	LTE Band 25_Ant 2 TX0	0.447												
-52.5	-59	-207	LTE Band 30_Ant 2 TX0	0.486												
-57.5	-65.5	-207	LTE Band 41_Ant 2 TX0	0.601												
-42.5	-58	-207	LTE Band 66_Ant 2 TX0	0.421												
-56.5	-43	-207	FR1 n7_Ant 2 TX0	0.399												
-42.9	-59.6	-207	FR1 n25_Ant 2 TX0	0.445												
-51	-57	-207	FR1 n30_Ant 2 TX0	0.399												
-57.5	-44.5	-207	FR1 n41_Ant 2 TX0	0.657	0.04		0.04	0.03		0.04				0.04		
-41.2	-64.5	-207	FR1 n66_Ant 2 TX0	0.421												
-52.9	-46.9	-207	FR1 n70_Ant 2 TX0	0.530												

Exposure Position: Back	21 LTE Band 41_Ant 0 TX1 0.971 0+21 SPLSR Results	22 LTE Band 66_Ant 0 TX1 0.981 0+22 SPLSR Results	23 LTE Band 71_Ant 0 TX0 0.386 0+23 SPLSR Results	24 FR1 n7_Ant 0 TX1 0.724 0+24 SPLSR Results	25 FR1 n12_Ant 0 TX0 0.393 0+25 SPLSR Results	26 FR1 n14_Ant 0 TX0 0.57 0+26 SPLSR Results	27 FR1 n25_Ant 0 TX1 0.961 0+27 SPLSR Results	28 FR1 n26_Ant 0 TX0 0.655 0+28 SPLSR Results	29 FR1 n30_Ant 0 TX1 0.842 0+29 SPLSR Results	30 FR1 n41_Ant 0 TX1 0.946 0+30 SPLSR Results	31 FR1 n66_Ant 0 TX1 0.913 0+31 SPLSR Results	32 FR1 n70_Ant 0 TX1 0.799 0+32 SPLSR Results	33 FR1 n71_Ant 0 TX0 0.357 0+33 SPLSR Results
X (axis)	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
Y (axis)	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
Z (axis)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
GSM1900_Ant 2 TX0													
WCDMA II_Ant 2 TX0													
WCDMA IV_Ant 2 TX0													
LTE Band 7_Ant 2 TX0													
LTE Band 25_Ant 2 TX0													
LTE Band 30_Ant 2 TX0													
LTE Band 41_Ant 2 TX0													
LTE Band 66_Ant 2 TX0													
FR1 n7_Ant 2 TX0													
FR1 n25_Ant 2 TX0													
FR1 n30_Ant 2 TX0													
FR1 n41_Ant 2 TX0	0.04	0.04					0.03			0.04			
FR1 n66_Ant 2 TX0													
FR1 n70_Ant 2 TX0													

<Case 5>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position: Back	0 WWAN SAR 1g SAR (W/kg)	9 GSM850_Ant 0 TX0 0.949 0+9 Summed SAR	10 GSM1900_Ant 0 TX1 0.784 0+10 Summed SAR	11 WCDMA II_Ant 0 TX1 0.964 0+11 Summed SAR	12 WCDMA IV_Ant 0 TX1 0.967 0+12 Summed SAR	13 WCDMA V_Ant 0 TX0 0.726 0+13 Summed SAR	14 LTE Band 7_Ant 0 TX1 0.943 0+14 Summed SAR	15 LTE Band 12_Ant 0 TX0 0.382 0+15 Summed SAR	16 LTE Band 13_Ant 0 TX0 0.571 0+16 Summed SAR	17 LTE Band 14_Ant 0 TX0 0.616 0+17 Summed SAR	18 LTE Band 25_Ant 0 TX1 0.940 0+18 Summed SAR	19 LTE Band 26_Ant 0 TX0 0.677 0+19 Summed SAR	20 LTE Band 30_Ant 0 TX1 0.885 0+20 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.572	1.521	1.356	1.536	1.539	1.298	1.515	0.954	1.143	1.188	1.512	1.249	1.457
LTE Band 66_Ant 5 Sub TX1	0.707	1.656	1.491	1.671	1.674	1.433	1.650	1.089	1.278	1.323	1.647	1.384	1.592
FR1 n25_Ant 5 Sub TX1	0.557	1.506	1.341	1.521	1.524	1.283	1.500	0.939	1.128	1.173	1.497	1.234	1.442
FR1 n66_Ant 5 Sub TX1	0.810	1.759	1.594	1.774	1.777	1.536	1.753	1.192	1.381	1.426	1.750	1.487	1.695
FR1 n41_Ant 5 Sub TX1	0.661	1.610	1.445	1.625	1.628	1.387	1.604	1.043	1.232	1.277	1.601	1.338	1.546
FR1 n48_Ant 5 Sub TX1	0.560	1.509	1.344	1.524	1.527	1.286	1.503	0.942	1.131	1.176	1.500	1.237	1.445
FR1 n77_Ant 5 Sub TX1	0.360	1.309	1.144	1.324	1.327	1.086	1.303	0.742	0.931	0.976	1.300	1.037	1.245

Exposure Position: Back	21 LTE Band 41_Ant 0 TX1 0.971 0+21 Summed SAR	22 LTE Band 66_Ant 0 TX1 0.981 0+22 Summed SAR	23 LTE Band 71_Ant 0 TX0 0.386 0+23 Summed SAR	24 FR1 n7_Ant 0 TX1 0.724 0+24 Summed SAR	25 FR1 n12_Ant 0 TX0 0.393 0+25 Summed SAR	26 FR1 n14_Ant 0 TX0 0.570 0+26 Summed SAR	27 FR1 n25_Ant 0 TX1 0.961 0+27 Summed SAR	28 FR1 n26_Ant 0 TX0 0.655 0+28 Summed SAR	29 FR1 n30_Ant 0 TX1 0.842 0+29 Summed SAR	30 FR1 n41_Ant 0 TX1 0.946 0+30 Summed SAR	31 FR1 n66_Ant 0 TX1 0.913 0+31 Summed SAR	32 FR1 n70_Ant 0 TX1 0.799 0+32 Summed SAR	33 FR1 n71_Ant 0 TX0 0.357 0+33 Summed SAR
LTE Band 25_Ant 5 Sub TX1	1.543	1.553	0.958	1.296	0.965	1.142	1.533	1.227	1.414	1.518	1.485	1.371	0.929
LTE Band 66_Ant 5 Sub TX1	1.678	1.688	1.093	1.431	1.100	1.277	1.668	1.362	1.549	1.653	1.620	1.506	1.064
FR1 n25_Ant 5 Sub TX1	1.528	1.538	0.943	1.281	0.950	1.127	1.518	1.212	1.399	1.503	1.470	1.356	0.914
FR1 n66_Ant 5 Sub TX1	1.781	1.791	1.196	1.534	1.203	1.380	1.771	1.465	1.652	1.756	1.723	1.609	1.167
FR1 n41_Ant 5 Sub TX1	1.632	1.642	1.047	1.385	1.054	1.231	1.622	1.316	1.503	1.607	1.574	1.460	1.018
FR1 n48_Ant 5 Sub TX1	1.531	1.541	0.946	1.284	0.953	1.130	1.521	1.215	1.402	1.506	1.473	1.359	0.917
FR1 n77_Ant 5 Sub TX1	1.331	1.341	0.746	1.084	0.753	0.930	1.321	1.015	1.202	1.306	1.273	1.159	0.717

X (axis)	Y (axis)	Z (axis)	Exposure Position: Back	0 WWAN SAR 1g SAR (W/kg)	9 GSM850_Ant 0 TX0 0.949 0+9 SPLSR Results	10 GSM1900_Ant 0 TX1 0.784 0+10 SPLSR Results	11 WCDMA II_Ant 0 TX1 0.964 0+11 SPLSR Results	12 WCDMA IV_Ant 0 TX1 0.967 0+12 SPLSR Results	13 WCDMA V_Ant 0 TX0 0.726 0+13 SPLSR Results	14 LTE Band 7_Ant 0 TX1 0.943 0+14 SPLSR Results	15 LTE Band 12_Ant 0 TX0 0.382 0+15 SPLSR Results	16 LTE Band 13_Ant 0 TX0 0.571 0+16 SPLSR Results	17 LTE Band 14_Ant 0 TX0 0.616 0+17 SPLSR Results	18 LTE Band 25_Ant 0 TX1 0.94 0+18 SPLSR Results	19 LTE Band 26_Ant 0 TX0 0.677 0+19 SPLSR Results	20 LTE Band 30_Ant 0 TX1 0.885 0+20 SPLSR Results
SAR peak location (mm)			X (axis)		-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5
			Y (axis)		-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.572												
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.707	0.02		0.02	0.02		0.02				0.02		
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.557												
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.810	0.02		0.02	0.02		0.02				0.02		0.02
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.661	0.02		0.02	0.02		0.02				0.02		
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.560												
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.360												

Exposure Position: Back	21 LTE Band 41_Ant 0 TX1 0.971 0+21 SPLSR Results	22 LTE Band 66_Ant 0 TX1 0.981 0+22 SPLSR Results	23 LTE Band 71_Ant 0 TX0 0.386 0+23 SPLSR Results	24 FR1 n7_Ant 0 TX1 0.724 0+24 SPLSR Results	25 FR1 n12_Ant 0 TX0 0.393 0+25 SPLSR Results	26 FR1 n14_Ant 0 TX0 0.57 0+26 SPLSR Results	27 FR1 n25_Ant 0 TX1 0.961 0+27 SPLSR Results	28 FR1 n26_Ant 0 TX0 0.655 0+28 SPLSR Results	29 FR1 n30_Ant 0 TX1 0.842 0+29 SPLSR Results	30 FR1 n41_Ant 0 TX1 0.946 0+30 SPLSR Results	31 FR1 n66_Ant 0 TX1 0.913 0+31 SPLSR Results	32 FR1 n70_Ant 0 TX1 0.799 0+32 SPLSR Results	33 FR1 n71_Ant 0 TX0 0.357 0+33 SPLSR Results
X (axis)	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
Y (axis)	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
Z (axis)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
LTE Band 25_Ant 5 Sub TX1													
LTE Band 66_Ant 5 Sub TX1	0.02	0.02					0.02			0.02	0.02		
FR1 n25_Ant 5 Sub TX1													
FR1 n66_Ant 5 Sub TX1	0.02	0.02					0.02		0.02	0.02	0.02	0.02	
FR1 n41_Ant 5 Sub TX1	0.02	0.02					0.02			0.02			
FR1 n48_Ant 5 Sub TX1													
FR1 n77_Ant 5 Sub TX1													

<Case 6>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)	0.486	0.542	0.499	0.425	0.447	0.486	0.601	0.421	0.399	0.445	0.399	0.657	0.421	0.530
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR	0+12 Summed SAR	0+13 Summed SAR	0+14 Summed SAR	0+15 Summed SAR	0+16 Summed SAR	0+17 Summed SAR	0+18 Summed SAR	0+19 Summed SAR	0+20 Summed SAR	0+21 Summed SAR	0+22 Summed SAR
GSM850_Ant 1 TX1	0.640	1.126	1.182	1.139	1.065	1.087	1.126	1.241	1.061	1.039	1.085	1.039	1.297	1.061	1.170
WCDMA V_Ant 1 TX1	0.490	0.976	1.032	0.989	0.915	0.937	0.976	1.091	0.911	0.889	0.935	0.889	1.147	0.911	1.020
LTE Band 12_Ant 1 TX1	0.351	0.837	0.893	0.850	0.776	0.798	0.837	0.952	0.772	0.750	0.796	0.750	1.008	0.772	0.881
LTE Band 13_Ant 1 TX1	0.515	1.001	1.057	1.014	0.940	0.962	1.001	1.116	0.936	0.914	0.960	0.914	1.172	0.936	1.045
LTE Band 14_Ant 1 TX1	0.520	1.006	1.062	1.019	0.945	0.967	1.006	1.121	0.941	0.919	0.965	0.919	1.177	0.941	1.050
LTE Band 25_Ant 1 Sub TX0	0.989	1.475	1.531	1.488	1.414	1.436	1.475	1.590	1.410	1.388	1.434	1.388	1.646	1.410	1.519
LTE Band 26_Ant 1 TX1	0.417	0.903	0.959	0.916	0.842	0.864	0.903	1.018	0.838	0.816	0.862	0.816	1.074	0.838	0.947
LTE Band 66_Ant 1 Sub TX0	0.978	1.464	1.520	1.477	1.403	1.425	1.464	1.579	1.399	1.377	1.423	1.377	1.635	1.399	1.508
LTE Band 71_Ant 1 TX1	0.289	0.775	0.831	0.788	0.714	0.736	0.775	0.890	0.710	0.688	0.734	0.688	0.946	0.710	0.819
FR1 n12_Ant 1 TX1	0.422	0.908	0.964	0.921	0.847	0.869	0.908	1.023	0.843	0.821	0.867	0.821	1.079	0.843	0.952
FR1 n14_Ant 1 TX1	0.533	1.019	1.075	1.032	0.958	0.980	1.019	1.134	0.954	0.932	0.978	0.932	1.190	0.954	1.063
FR1 n25_Ant 1 Sub TX0	0.877	1.363	1.419	1.376	1.302	1.324	1.363	1.478	1.298	1.276	1.322	1.276	1.534	1.298	1.407
FR1 n30_Ant 1 TX1	0.424	0.910	0.966	0.923	0.849	0.871	0.910	1.025	0.845	0.823	0.869	0.823	1.081	0.845	0.954
FR1 n41_Ant 1 Sub TX0	0.962	1.448	1.504	1.461	1.387	1.409	1.448	1.563	1.383	1.361	1.407	1.361	1.619	1.383	1.492
FR1 n48_Ant 1 Sub TX0	0.926	0.992	1.048	1.005	0.931	0.953	0.992	1.107	0.927	0.905	0.951	0.905	1.163	0.927	1.036
FR1 n66_Ant 1 Sub TX0	0.848	1.334	1.390	1.347	1.273	1.295	1.334	1.449	1.269	1.247	1.293	1.247	1.505	1.269	1.378
FR1 n70_Ant 1 TX1	0.346	0.832	0.888	0.845	0.771	0.793	0.832	0.947	0.767	0.745	0.791	0.745	1.003	0.767	0.876
FR1 n77_Ant 1 Sub TX0	0.461	0.947	0.993	0.950	0.876	0.898	0.937	1.052	0.872	0.850	0.896	0.850	1.108	0.872	0.981

SAR peak location (mm)																			
			X (mm)		-60.1	-54.1	-42.2	-69	-64.1	-52.5	-67.5	-42.5	-66.5	-42.9	-51	-57.5	-61.2	-42.9
			Y (mm)		-50.8	-49.8	-98	-42	-93.1	-96	-96.5	-98	-45	-93.6	-57	-43.5	-94.5	-48.9
			Z (mm)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)	0.486	0.542	0.499	0.425	0.447	0.486	0.601	0.421	0.399	0.445	0.399	0.657	0.421	0.530
					0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results	0+12 SPLSR Results	0+13 SPLSR Results	0+14 SPLSR Results	0+15 SPLSR Results	0+16 SPLSR Results	0+17 SPLSR Results	0+18 SPLSR Results	0+19 SPLSR Results	0+20 SPLSR Results	0+21 SPLSR Results	0+22 SPLSR Results
-6.8	98.1	-207	GSM850_Ant 1 TX1	0.640														
-4.1	96.8	-207	WCDMA V_Ant 1 TX1	0.490														
-9	94.9	-207	LTE Band 12_Ant 1 TX1	0.351														
-6.3	91.8	-207	LTE Band 13_Ant 1 TX1	0.515														
-2.8	96.3	-207	LTE Band 14_Ant 1 TX1	0.520														
-1.9	76.8	-207	LTE Band 25_Ant 1 Sub TX0	0.989												0.02		
1.9	96.1	-207	LTE Band 26_Ant 1 TX1	0.417														
-2.4	76.8	-207	LTE Band 66_Ant 1 Sub TX0	0.978												0.02		
9.1	96.8	-207	LTE Band 71_Ant 1 TX1	0.289														
3.6	96.1	-207	FR1 n12_Ant 1 TX1	0.422														
6.3	96.1	-207	FR1 n14_Ant 1 TX1	0.533														
0.8	76.8	-207	FR1 n25_Ant 1 Sub TX0	0.877														
1.3	94.8	-207	FR1 n30_Ant 1 TX1	0.424														
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.962												0.02		
35	94.5	-207	FR1 n48_Ant 1 Sub TX0	0.926														
3.6	76.8	-207	FR1 n66_Ant 1 Sub TX0	0.848														
4.1	96.1	-207	FR1 n70_Ant 1 TX1	0.346														
14.6	89	-207	FR1 n77_Ant 1 Sub TX0	0.461														

<Case 7>

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
Back	1g SAR (W/kg)	0.317	0.341	0.614
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.957	0.981	1.254
WCDMA V_Ant 1 TX1	0.490	0.807	0.831	1.104
LTE Band 12_Ant 1 TX1	0.351	0.668	0.692	0.965
LTE Band 13_Ant 1 TX1	0.515	0.832	0.856	1.129
LTE Band 14_Ant 1 TX1	0.520	0.837	0.861	1.134
LTE Band 25_Ant 1 Sub TX0	0.989	1.306	1.330	**1.603**
LTE Band 26_Ant 1 TX1	0.417	0.734	0.758	1.031
LTE Band 66_Ant 1 Sub TX0	0.978	1.295	1.319	1.592
LTE Band 71_Ant 1 TX1	0.289	0.606	0.630	0.903
FR1 n12_Ant 1 TX1	0.422	0.739	0.763	1.036
FR1 n14_Ant 1 TX1	0.533	0.850	0.874	1.147
FR1 n25_Ant 1 Sub TX0	0.877	1.194	1.218	1.491
FR1 n26_Ant 1 TX1	0.424	0.741	0.765	1.038
FR1 n41_Ant 1 Sub TX0	0.962	1.279	1.303	1.576
FR1 n48_Ant 1 Sub TX0	0.506	0.823	0.847	1.120
FR1 n66_Ant 1 Sub TX0	0.848	1.165	1.189	1.462
FR1 n71_Ant 1 TX1	0.346	0.663	0.687	0.960
FR1 n77_Ant 1 Sub TX0	0.451	0.768	0.792	1.065

SAR peak location (mm)			X (axis)		12	-23	12.5
			Y (axis)		-57	-75.5	-56
			Z (axis)		-207	-207	-207
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
			Back	1g SAR (W/kg)	0.317	0.341	0.614
					0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.989			0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.978			
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.877			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.962			
15	64.5	-207	FR1 n48_Ant 1 Sub TX0	0.506			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.848			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.451			

<Case 8>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.680	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.577	0.704	0.489	0.588
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
GSM850_Ant 1 TX1	0.703	0.224	0.288	1.805	1.913	1.895	1.922	1.849	1.612	1.886	1.760	1.821	1.912	1.792	1.919	1.704	1.803
WCDMA V_Ant 1 TX1	0.708	0.224	0.288	1.810	1.918	1.900	1.927	1.854	1.617	1.891	1.765	1.826	1.917	1.797	1.924	1.709	1.808
LTE Band 12_Ant 1 TX1	0.714	0.224	0.288	1.816	1.924	1.906	1.933	1.860	1.623	1.897	1.771	1.832	1.923	1.803	1.930	1.715	1.814
LTE Band 13_Ant 1 TX1	0.693	0.224	0.288	1.795	1.903	1.885	1.912	1.839	1.602	1.876	1.750	1.811	1.902	1.782	1.909	1.694	1.793
LTE Band 14_Ant 1 TX1	0.677	0.224	0.288	1.779	1.887	1.869	1.896	1.823	1.586	1.860	1.734	1.795	1.886	1.766	1.893	1.678	1.777
LTE Band 25_Ant 1 Sub TX0	0.690	0.224	0.288	1.792	1.900	1.882	1.909	1.836	1.599	1.873	1.747	1.808	1.899	1.779	1.906	1.691	1.790
LTE Band 26_Ant 1 TX1	0.713	0.224	0.288	1.815	1.923	1.905	1.932	1.859	1.622	1.896	1.770	1.831	1.922	1.802	1.929	1.714	1.813
LTE Band 66_Ant 1 Sub TX0	0.713	0.224	0.288	1.815	1.923	1.905	1.932	1.859	1.622	1.896	1.770	1.831	1.922	1.802	1.929	1.714	1.813
LTE Band 71_Ant 1 TX1	0.701	0.224	0.288	1.803	1.911	1.893	1.920	1.847	1.610	1.884	1.758	1.819	1.910	1.790	1.917	1.702	1.801
FR1 n12_Ant 1 TX1	0.703	0.224	0.288	1.805	1.913	1.895	1.922	1.849	1.612	1.886	1.760	1.821	1.912	1.792	1.919	1.704	1.803
FR1 n14_Ant 1 TX1	0.709	0.224	0.288	1.811	1.919	1.901	1.928	1.855	1.618	1.892	1.766	1.827	1.918	1.798	1.925	1.710	1.809
FR1 n25_Ant 1 Sub TX0	0.714	0.224	0.288	1.816	1.924	1.906	1.933	1.860	1.623	1.897	1.771	1.832	1.923	1.803	1.930	1.715	1.814
FR1 n26_Ant 1 TX1	0.584	0.224	0.288	1.686	1.794	1.776	1.803	1.730	1.493	1.767	1.641	1.702	1.793	1.673	1.800	1.585	1.684
FR1 n41_Ant 1 Sub TX0	0.634	0.224	0.288	1.736	1.844	1.826	1.853	1.780	1.543	1.817	1.691	1.752	1.843	1.723	1.850	1.635	1.734
FR1 n48_Ant 1 Sub TX0	0.709	0.224	0.288	1.811	1.919	1.901	1.928	1.855	1.618	1.892	1.766	1.827	1.918	1.798	1.925	1.710	1.809
FR1 n66_Ant 1 Sub TX0	0.693	0.224	0.288	1.795	1.903	1.885	1.912	1.839	1.602	1.876	1.750	1.811	1.902	1.782	1.909	1.694	1.793
FR1 n71_Ant 1 TX1	0.713	0.224	0.288	1.815	1.923	1.905	1.932	1.859	1.622	1.896	1.770	1.831	1.922	1.802	1.929	1.714	1.813
FR1 n77_Ant 1 Sub TX0	0.690	0.224	0.288	1.792	1.900	1.882	1.909	1.836	1.599	1.873	1.747	1.808	1.899	1.779	1.906	1.691	1.790

SAR peak location (mm)			X (axis)		58.6	46.9	55.7	55.9	56.6	53.7	55.8	56.9	55.2	58.3	54.3	55.6	55.3	55.6	57.6	56.4
			Y (axis)		-318	-322.5	-245.7	-245.6	-245.7	-248.4	-249.5	-249	-252.4	-248	-250.7	-249.6	-249.5	-251	-247.6	-246.9
			Z (axis)		-174	-175.2	-176.8	-173.6	-173.4	-174.3	-174	-173.8	-177.7	-173.4	-177.6	-174.1	-177.4	-177.5	-173.5	-173.6
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)			0.59	0.698	0.68	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.577	0.704	0.489	0.588
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results
14	-326.2	-176.8	GSM850_Ant 1 TX1	0.703	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
12.8	-320.4	-174.1	WCDMA V_Ant 1 TX1	0.708	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
14.9	-322.9	-174.3	LTE Band 12_Ant 1 TX1	0.714	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
15.5	-321.8	-177.1	LTE Band 13_Ant 1 TX1	0.693	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
14.4	-320.3	-177	LTE Band 14_Ant 1 TX1	0.677	0.224	0.288	0.03	0.04	0.04	0.04	0.04		0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
14.5	-329.5	-174.1	LTE Band 25_Ant 1 Sub TX0	0.690	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
14.1	-325	-176.9	LTE Band 26_Ant 1 TX1	0.713	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
13	-328.6	-174	LTE Band 66_Ant 1 Sub TX0	0.713	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
18.1	-327.4	-174.4	LTE Band 71_Ant 1 TX1	0.701	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
15.1	-319.7	-174.4	FR1 n12_Ant 1 TX1	0.703	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
15	-318.8	-174.4	FR1 n14_Ant 1 TX1	0.709	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
20.7	-334.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.714	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
16.6	-323.6	-174.5	FR1 n26_Ant 1 TX1	0.584	0.224	0.288	0.03	0.03	0.03	0.03	0.03		0.04	0.03	0.03	0.04	0.03	0.04		0.03
12.2	-324	-174.1	FR1 n41_Ant 1 Sub TX0	0.634	0.224	0.288	0.03	0.03	0.03	0.04	0.03		0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.03
37.2	-334.6	-174.4	FR1 n48_Ant 1 Sub TX0	0.709	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
15.8	-332.3	-174	FR1 n66_Ant 1 Sub TX0	0.693	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
15	-322.3	-174.3	FR1 n71_Ant 1 TX1	0.713	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03
36.5	-334.8	-177.2	FR1 n77_Ant 1 Sub TX0	0.690	0.224	0.288	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03

<Case 9>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.680	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.577	0.704	0.489	0.588
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
GSM850_Ant 1 TX1	0.703	0.045	0.288	1.626	1.734	1.716	1.743	1.670	1.433	1.707	1.581	1.642	1.733	1.613	1.740	1.525	1.624
WCDMA V_Ant 1 TX1	0.708	0.045	0.288	1.631	1.739	1.721	1.748	1.675	1.438	1.712	1.586	1.647	1.738	1.618	1.745	1.530	1.629
LTE Band 12_Ant 1 TX1	0.714	0.045	0.288	1.637	1.745	1.727	1.754	1.681	1.444	1.718	1.592	1.653	1.744	1.624	1.751	1.536	1.635
LTE Band 13_Ant 1 TX1	0.693	0.045	0.288	1.616	1.724	1.706	1.733	1.660	1.423	1.697	1.571	1.632	1.723	1.603	1.730	1.515	1.614
LTE Band 14_Ant 1 TX1	0.677	0.045	0.288	1.600	1.708	1.690	1.717	1.644	1.407	1.681	1.555	1.616	1.707	1.587	1.714	1.499	1.598
LTE Band 25_Ant 1 Sub TX0	0.690	0.045	0.288	1.613	1.721	1.703	1.730	1.657	1.420	1.694	1.568	1.629	1.720	1.600	1.727	1.512	1.611
LTE Band 26_Ant 1 TX1	0.713	0.045	0.288	1.636	1.744	1.726	1.753	1.680	1.443	1.717	1.591	1.652	1.743	1.623	1.750	1.535	1.634
LTE Band 66_Ant 1 Sub TX0	0.713	0.045	0.288	1.636	1.744	1.726	1.753	1.680	1.443	1.717	1.591	1.652	1.743	1.623	1.750	1.535	1.634
LTE Band 71_Ant 1 TX1	0.701	0.045	0.288	1.624	1.732	1.714	1.741	1.668	1.431	1.705	1.579	1.640	1.731	1.611	1.738	1.523	1.622
FR1 n12_Ant 1 TX1	0.703	0.045	0.288	1.626	1.734	1.716	1.743	1.670	1.433	1.707	1.581	1.642	1.733	1.613	1.740	1.525	1.624
FR1 n14_Ant 1 TX1	0.709	0.045	0.288	1.632	1.740	1.722	1.749	1.676	1.439	1.713	1.587	1.648	1.739	1.619	1.746	1.531	1.630
FR1 n25_Ant 1 Sub TX0	0.714	0.045	0.288	1.637	1.745	1.727	1.754	1.681	1.444	1.718	1.592	1.653	1.744	1.624	1.751	1.536	1.635
FR1 n26_Ant 1 TX1	0.584	0.045	0.288	1.507	1.615	1.597	1.624	1.551	1.314	1.588	1.462	1.523	1.614	1.494	1.621	1.406	1.505
FR1 n41_Ant 1 Sub TX0	0.634	0.045	0.288	1.557	1.665	1.647	1.674	1.601	1.364	1.638	1.512	1.573	1.664	1.544	1.671	1.456	1.555
FR1 n48_Ant 1 Sub TX0	0.709	0.045	0.288	1.632	1.740	1.722	1.749	1.676	1.439	1.713	1.587	1.648	1.739	1.619	1.746	1.531	1.630
FR1 n66_Ant 1 Sub TX0	0.693	0.045	0.288	1.616	1.724	1.706	1.733	1.660	1.423	1.697	1.571	1.632	1.723	1.603	1.730	1.515	1.614
FR1 n71_Ant 1 TX1	0.713	0.045	0.288	1.636	1.744	1.726	1.753	1.680	1.443	1.717	1.591	1.652	1.743	1.623	1.750	1.535	1.634
FR1 n77_Ant 1 Sub TX0	0.690	0.045	0.288	1.613	1.721	1.703	1.730	1.657	1.420	1.694	1.568	1.629	1.720	1.600	1.727	1.512	1.611

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	46.9	-322.5	-175.2	70.6	1.71	0.03	Not required
Max WWAN Ant 2	0.707	55.2	-252.4	-177.7				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	63.3	1.05	0.02	Not required
WLAN2.4G Ant 4	0.045	32.5	-258.0	-173.4				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	42.1	1.07	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 2	0.707	53.7	-248.4	-174.3	23.3	0.75	0.03	Not required
WLAN2.4G Ant 4	0.045	32.5	-258.0	-173.4				
Max WWAN Ant 2	0.707	54.3	-250.7	-177.6	71.3	0.77	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
WLAN2.4G Ant 4	0.045	32.5	-258.0	-173.4	48.5	0.11	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 10>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.680	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.577	0.704	0.489	0.588
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
GSM850_Ant 1 TX1	0.703	0.194	0.288	1.775	1.883	1.865	1.892	1.819	1.582	1.856	1.730	1.791	1.882	1.762	1.889	1.674	1.773
WCDMA V_Ant 1 TX1	0.708	0.194	0.288	1.780	1.888	1.870	1.897	1.824	1.587	1.861	1.735	1.796	1.887	1.767	1.894	1.679	1.778
LTE Band 12_Ant 1 TX1	0.714	0.194	0.288	1.786	1.894	1.876	1.903	1.830	1.593	1.867	1.741	1.802	1.893	1.773	1.900	1.685	1.784
LTE Band 13_Ant 1 TX1	0.693	0.194	0.288	1.765	1.873	1.855	1.882	1.809	1.572	1.846	1.720	1.781	1.872	1.752	1.879	1.664	1.763
LTE Band 14_Ant 1 TX1	0.677	0.194	0.288	1.749	1.857	1.839	1.866	1.793	1.556	1.830	1.704	1.765	1.856	1.736	1.863	1.648	1.747
LTE Band 25_Ant 1 Sub TX0	0.690	0.194	0.288	1.762	1.870	1.852	1.879	1.806	1.569	1.843	1.717	1.778	1.869	1.749	1.876	1.661	1.760
LTE Band 26_Ant 1 TX1	0.713	0.194	0.288	1.785	1.893	1.875	1.902	1.829	1.592	1.866	1.740	1.801	1.892	1.772	1.899	1.684	1.783
LTE Band 66_Ant 1 Sub TX0	0.713	0.194	0.288	1.785	1.893	1.875	1.902	1.829	1.592	1.866	1.740	1.801	1.892	1.772	1.899	1.684	1.783
LTE Band 71_Ant 1 TX1	0.701	0.194	0.288	1.773	1.881	1.863	1.890	1.817	1.580	1.854	1.728	1.789	1.880	1.760	1.887	1.672	1.771
FR1 n12_Ant 1 TX1	0.703	0.194	0.288	1.775	1.883	1.865	1.892	1.819	1.582	1.856	1.730	1.791	1.882	1.762	1.889	1.674	1.773
FR1 n14_Ant 1 TX1	0.709	0.194	0.288	1.781	1.889	1.871	1.898	1.825	1.588	1.862	1.736	1.797	1.888	1.768	1.895	1.680	1.779
FR1 n25_Ant 1 Sub TX0	0.714	0.194	0.288	1.786	1.894	1.876	1.903	1.830	1.593	1.867	1.741	1.802	1.893	1.773	1.900	1.685	1.784
FR1 n26_Ant 1 TX1	0.584	0.194	0.288	1.656	1.764	1.746	1.773	1.700	1.463	1.737	1.611	1.672	1.763	1.643	1.770	1.555	1.654
FR1 n41_Ant 1 Sub TX0	0.634	0.194	0.288	1.706	1.814	1.796	1.823	1.750	1.513	1.787	1.661	1.722	1.813	1.693	1.820	1.605	1.704
FR1 n48_Ant 1 Sub TX0	0.709	0.194	0.288	1.781	1.889	1.871	1.898	1.825	1.588	1.862	1.736	1.797	1.888	1.768	1.895	1.680	1.779
FR1 n66_Ant 1 Sub TX0	0.693	0.194	0.288	1.765	1.873	1.855	1.882	1.809	1.572	1.846	1.720	1.781	1.872	1.752	1.879	1.664	1.763
FR1 n71_Ant 1 TX1	0.713	0.194	0.288	1.785	1.893	1.875	1.902	1.829	1.592	1.866	1.740	1.801	1.892	1.772	1.899	1.684	1.783
FR1 n77_Ant 1 Sub TX0	0.690	0.194	0.288	1.762	1.870	1.852	1.879	1.806	1.569	1.843	1.717	1.778	1.869	1.749	1.876	1.661	1.760

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1+WLAN2.4G Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.196	58.2	-318.2	-174.1	66.0	1.90	0.04	Not required
Max WWAN Ant 2	0.707	55.2	-252.4	-177.7				
Max WWAN Ant 1+WLAN2.4G Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.196	58.2	-318.2	-174.1	66.0	1.26	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.066	36.3	-255.9	-174.1				
Max WWAN Ant 1+WLAN2.4G Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.196	15.0	-318.8	-174.4	42.1	1.26	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 2	0.707	53.7	-248.4	-174.3	18.9	0.77	0.04	Not required
WLAN2.4G Ant 4+3(4)	0.066	36.3	-255.9	-174.1				
Max WWAN Ant 2	0.707	54.3	-250.7	-177.6	71.3	0.77	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
WLAN2.4G Ant 4+3(4)	0.066	36.3	-255.9	-174.1	52.9	0.13	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 11>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.680	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.577	0.704	0.489	0.588
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR	0+2+7+12 Summed SAR	0+2+7+13 Summed SAR	0+2+7+14 Summed SAR	0+2+7+15 Summed SAR	0+2+7+16 Summed SAR	0+2+7+17 Summed SAR	0+2+7+18 Summed SAR	0+2+7+19 Summed SAR	0+2+7+20 Summed SAR	0+2+7+21 Summed SAR	0+2+7+22 Summed SAR
GSM850_Ant 1 TX1	0.703	0.288	0.235	1.816	1.924	1.906	1.933	1.860	1.623	1.897	1.771	1.832	1.923	1.803	1.930	1.715	1.814
WCDMA V_Ant 1 TX1	0.708	0.288	0.235	1.821	1.929	1.911	1.938	1.865	1.628	1.902	1.776	1.837	1.928	1.808	1.935	1.720	1.819
LTE Band 12_Ant 1 TX1	0.714	0.288	0.235	1.827	1.935	1.917	1.944	1.871	1.634	1.908	1.782	1.843	1.934	1.814	1.941	1.726	1.825
LTE Band 13_Ant 1 TX1	0.693	0.288	0.235	1.806	1.914	1.896	1.923	1.850	1.613	1.887	1.761	1.822	1.913	1.793	1.920	1.705	1.804
LTE Band 14_Ant 1 TX1	0.677	0.288	0.235	1.790	1.898	1.880	1.907	1.834	1.597	1.871	1.745	1.806	1.897	1.777	1.904	1.689	1.788
LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.235	1.803	1.911	1.893	1.920	1.847	1.610	1.884	1.758	1.819	1.910	1.790	1.917	1.702	1.801
LTE Band 26_Ant 1 TX1	0.713	0.288	0.235	1.826	1.934	1.916	1.943	1.870	1.633	1.907	1.781	1.842	1.933	1.813	1.940	1.725	1.824
LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.235	1.826	1.934	1.916	1.943	1.870	1.633	1.907	1.781	1.842	1.933	1.813	1.940	1.725	1.824
LTE Band 71_Ant 1 TX1	0.701	0.288	0.235	1.814	1.922	1.904	1.931	1.858	1.621	1.895	1.769	1.830	1.921	1.801	1.928	1.713	1.812
FR1 n12_Ant 1 TX1	0.703	0.288	0.235	1.816	1.924	1.906	1.933	1.860	1.623	1.897	1.771	1.832	1.923	1.803	1.930	1.715	1.814
FR1 n14_Ant 1 TX1	0.709	0.288	0.235	1.822	1.930	1.912	1.939	1.866	1.629	1.903	1.777	1.838	1.929	1.809	1.936	1.721	1.820
FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.235	1.827	1.935	1.917	1.944	1.871	1.634	1.908	1.782	1.843	1.934	1.814	1.941	1.726	1.825
FR1 n26_Ant 1 TX1	0.584	0.288	0.235	1.697	1.805	1.787	1.814	1.741	1.504	1.778	1.652	1.713	1.804	1.684	1.811	1.596	1.695
FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.235	1.747	1.855	1.837	1.864	1.791	1.554	1.828	1.702	1.763	1.854	1.734	1.861	1.646	1.745
FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.235	1.822	1.930	1.912	1.939	1.866	1.629	1.903	1.777	1.838	1.929	1.809	1.936	1.721	1.820
FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.235	1.806	1.914	1.896	1.923	1.850	1.613	1.887	1.761	1.822	1.913	1.793	1.920	1.705	1.804
FR1 n71_Ant 1 TX1	0.713	0.288	0.235	1.826	1.934	1.916	1.943	1.870	1.633	1.907	1.781	1.842	1.933	1.813	1.940	1.725	1.824
FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.235	1.803	1.911	1.893	1.920	1.847	1.610	1.884	1.758	1.819	1.910	1.790	1.917	1.702	1.801

SAR peak location (mm)			X (axis)		46.9	56.5	55.7	55.9	56.6	53.7	55.8	56.9	55.2	58.3	54.3	55.6	55.3	55.6	57.6	56.4
			Y (axis)		-322.5	-321.3	-245.7	-245.6	-245.7	-248.4	-249.5	-249	-252.4	-248	-250.7	-249.6	-249.5	-251	-247.6	-246.9
			Z (axis)		-175.2	-174.1	-176.8	-173.6	-173.4	-174.3	-174	-173.8	-177.7	-173.4	-177.6	-174.1	-177.4	-177.5	-173.5	-173.6
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Cheek	1g SAR (W/kg)			0.59	0.698	0.68	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.577	0.704	0.489	0.588
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results	0+2+7+12 SPLSR Results	0+2+7+13 SPLSR Results	0+2+7+14 SPLSR Results	0+2+7+15 SPLSR Results	0+2+7+16 SPLSR Results	0+2+7+17 SPLSR Results	0+2+7+18 SPLSR Results	0+2+7+19 SPLSR Results	0+2+7+20 SPLSR Results	0+2+7+21 SPLSR Results	0+2+7+22 SPLSR Results
14	-326.2	-176.8	GSM850_Ant 1 TX1	0.703	0.288	0.235	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
12.8	-320.4	-174.1	WCDMA V_Ant 1 TX1	0.708	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
14.9	-322.9	-174.3	LTE Band 12_Ant 1 TX1	0.714	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
15.5	-321.8	-177.1	LTE Band 13_Ant 1 TX1	0.693	0.288	0.235	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.03
14.4	-320.3	-177	LTE Band 14_Ant 1 TX1	0.677	0.288	0.235	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.03
14.5	-329.5	-174.1	LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.235	0.03	0.04	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.03
14.1	-325	-176.9	LTE Band 26_Ant 1 TX1	0.713	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
13	-328.6	-174	LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
18.1	-327.4	-174.4	LTE Band 71_Ant 1 TX1	0.701	0.288	0.235	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
15.1	-319.7	-174.4	FR1 n12_Ant 1 TX1	0.703	0.288	0.235	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
15	-318.8	-174.4	FR1 n14_Ant 1 TX1	0.709	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
20.7	-334.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
16.6	-323.6	-174.5	FR1 n26_Ant 1 TX1	0.584	0.288	0.235	0.03	0.03	0.03	0.03	0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
12.2	-324	-174.1	FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.235	0.03	0.03	0.03	0.04	0.03		0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.03
37.2	-334.6	-174.4	FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
15.8	-332.3	-174	FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.235	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.03
15	-322.3	-174.3	FR1 n71_Ant 1 TX1	0.713	0.288	0.235	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03
36.5	-334.8	-177.2	FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.235	0.03	0.04	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.03

<Case 12>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.680	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.577	0.704	0.489	0.588
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR	0+2+7+12 Summed SAR	0+2+7+13 Summed SAR	0+2+7+14 Summed SAR	0+2+7+15 Summed SAR	0+2+7+16 Summed SAR	0+2+7+17 Summed SAR	0+2+7+18 Summed SAR	0+2+7+19 Summed SAR	0+2+7+20 Summed SAR	0+2+7+21 Summed SAR	0+2+7+22 Summed SAR
GSM850_Ant 1 TX1	0.703	0.288	0.059	1.640	1.748	1.730	1.757	1.684	1.447	1.721	1.595	1.656	1.747	1.627	1.754	1.539	1.638
WCDMA V_Ant 1 TX1	0.708	0.288	0.059	1.645	1.753	1.735	1.762	1.689	1.452	1.726	1.600	1.661	1.752	1.632	1.759	1.544	1.643
LTE Band 12_Ant 1 TX1	0.714	0.288	0.059	1.651	1.759	1.741	1.768	1.695	1.458	1.732	1.606	1.667	1.758	1.638	1.765	1.550	1.649
LTE Band 13_Ant 1 TX1	0.693	0.288	0.059	1.630	1.738	1.720	1.747	1.674	1.437	1.711	1.585	1.646	1.737	1.617	1.744	1.529	1.628
LTE Band 14_Ant 1 TX1	0.677	0.288	0.059	1.614	1.722	1.704	1.731	1.658	1.421	1.695	1.569	1.630	1.721	1.601	1.728	1.513	1.612
LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.059	1.627	1.735	1.717	1.744	1.671	1.434	1.708	1.582	1.643	1.734	1.614	1.741	1.526	1.625
LTE Band 26_Ant 1 TX1	0.713	0.288	0.059	1.650	1.758	1.740	1.767	1.694	1.457	1.731	1.605	1.666	1.757	1.637	1.764	1.549	1.648
LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.059	1.650	1.758	1.740	1.767	1.694	1.457	1.731	1.605	1.666	1.757	1.637	1.764	1.549	1.648
LTE Band 71_Ant 1 TX1	0.701	0.288	0.059	1.638	1.746	1.728	1.755	1.682	1.445	1.719	1.593	1.654	1.745	1.625	1.752	1.537	1.636
FR1 n12_Ant 1 TX1	0.703	0.288	0.059	1.640	1.748	1.730	1.757	1.684	1.447	1.721	1.595	1.656	1.747	1.627	1.754	1.539	1.638
FR1 n14_Ant 1 TX1	0.709	0.288	0.059	1.646	1.754	1.736	1.763	1.690	1.453	1.727	1.601	1.662	1.753	1.633	1.760	1.545	1.644
FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.059	1.651	1.759	1.741	1.768	1.695	1.458	1.732	1.606	1.667	1.758	1.638	1.765	1.550	1.649
FR1 n26_Ant 1 TX1	0.584	0.288	0.059	1.521	1.629	1.611	1.638	1.565	1.328	1.602	1.476	1.537	1.628	1.508	1.635	1.420	1.519
FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.059	1.571	1.679	1.661	1.688	1.615	1.378	1.652	1.526	1.587	1.678	1.558	1.685	1.470	1.569
FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.059	1.646	1.754	1.736	1.763	1.690	1.453	1.727	1.601	1.662	1.753	1.633	1.760	1.545	1.644
FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.059	1.630	1.738	1.720	1.747	1.674	1.437	1.711	1.585	1.646	1.737	1.617	1.744	1.529	1.628
FR1 n71_Ant 1 TX1	0.713	0.288	0.059	1.650	1.758	1.740	1.767	1.694	1.457	1.731	1.605	1.666	1.757	1.637	1.764	1.549	1.648
FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.059	1.627	1.735	1.717	1.744	1.671	1.434	1.708	1.582	1.643	1.734	1.614	1.741	1.526	1.625

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	46.9	-322.5	-175.2	70.6	1.71	0.03	Not required
Max WWAN Ant 2	0.707	55.2	-252.4	-177.7				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	63.8	1.06	0.02	Not required
Bluetooth Ant 4	0.059	30.1	-256.8	-172.6				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	42.1	1.07	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 2	0.707	53.7	-248.4	-174.3	25.1	0.77	0.03	Not required
Bluetooth Ant 4	0.059	30.1	-256.8	-172.6				
Max WWAN Ant 2	0.707	54.3	-250.7	-177.6	71.3	0.77	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Bluetooth Ant 4	0.059	30.1	-256.8	-172.6	47.1	0.12	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 13>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.660	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.677	0.704	0.499	0.583
				(0+2+7+9) Summed SAR	(0+2+7+10) Summed SAR	(0+2+7+11) Summed SAR	(0+2+7+12) Summed SAR	(0+2+7+13) Summed SAR	(0+2+7+14) Summed SAR	(0+2+7+15) Summed SAR	(0+2+7+16) Summed SAR	(0+2+7+17) Summed SAR	(0+2+7+18) Summed SAR	(0+2+7+19) Summed SAR	(0+2+7+20) Summed SAR	(0+2+7+21) Summed SAR	(0+2+7+22) Summed SAR
GSM850_Ant 1 TX0	0.703	0.269	0.229	1.249	1.928	1.832	1.837	1.863	1.627	1.901	1.775	1.655	1.910	1.802	1.924	1.718	1.818
WCDMA V_Ant 1 TX0	0.708	0.269	0.229	1.835	1.932	1.816	1.842	1.869	1.632	1.906	1.780	1.661	1.932	1.812	1.939	1.724	1.823
LTE Band 12_Ant 1 TX0	0.714	0.269	0.229	1.831	1.939	1.821	1.848	1.875	1.638	1.912	1.786	1.667	1.938	1.818	1.945	1.730	1.829
LTE Band 13_Ant 1 TX0	0.683	0.269	0.229	1.816	1.916	1.806	1.827	1.854	1.617	1.892	1.766	1.655	1.917	1.797	1.924	1.709	1.808
LTE Band 14_Ant 1 TX0	0.677	0.269	0.229	1.794	1.903	1.806	1.811	1.848	1.603	1.876	1.748	1.650	1.903	1.793	1.909	1.692	1.792
LTE Band 25_Ant 1 Sub TX0	0.690	0.269	0.229	1.837	1.932	1.837	1.843	1.851	1.614	1.889	1.762	1.663	1.913	1.791	1.921	1.708	1.803
LTE Band 26_Ant 1 TX0	0.713	0.269	0.229	1.838	1.948	1.843	1.847	1.874	1.637	1.911	1.785	1.666	1.937	1.817	1.941	1.719	1.819
LTE Band 66_Ant 1 Sub TX0	0.713	0.269	0.229	1.830	1.938	1.833	1.847	1.874	1.637	1.911	1.785	1.666	1.937	1.817	1.941	1.719	1.819
LTE Band 71_Ant 1 TX0	0.701	0.269	0.229	1.818	1.926	1.808	1.839	1.862	1.626	1.899	1.773	1.654	1.915	1.805	1.932	1.717	1.818
FR1 n12_Ant 1 TX0	0.703	0.269	0.229	1.820	1.928	1.812	1.837	1.864	1.627	1.901	1.775	1.656	1.937	1.807	1.934	1.719	1.818
FR1 n13_Ant 1 TX0	0.708	0.269	0.229	1.826	1.934	1.818	1.843	1.870	1.632	1.907	1.780	1.662	1.933	1.813	1.940	1.724	1.824
FR1 n25_Ant 1 Sub TX0	0.714	0.269	0.229	1.831	1.939	1.821	1.848	1.875	1.638	1.912	1.786	1.667	1.938	1.818	1.945	1.730	1.829
FR1 n26_Ant 1 TX0	0.584	0.269	0.229	1.731	1.839	1.725	1.818	1.745	1.538	1.792	1.666	1.717	1.838	1.686	1.911	1.640	1.689
FR1 n41_Ant 1 Sub TX0	0.616	0.269	0.229	1.751	1.858	1.831	1.868	1.755	1.538	1.832	1.706	1.717	1.858	1.738	1.965	1.660	1.759
FR1 n48_Ant 1 Sub TX0	0.708	0.269	0.229	1.826	1.934	1.818	1.843	1.870	1.632	1.907	1.780	1.662	1.933	1.813	1.940	1.724	1.824
FR1 n66_Ant 1 Sub TX0	0.693	0.269	0.229	1.818	1.926	1.808	1.827	1.854	1.617	1.892	1.766	1.655	1.917	1.797	1.924	1.709	1.808
FR1 n71_Ant 1 TX0	0.713	0.269	0.229	1.830	1.938	1.833	1.847	1.874	1.637	1.911	1.785	1.666	1.937	1.817	1.941	1.719	1.819
FR1 n77_Ant 1 Sub TX0	0.680	0.269	0.229	1.817	1.916	1.807	1.841	1.852	1.612	1.888	1.762	1.653	1.914	1.794	1.931	1.716	1.816

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 1+Bluetooth Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.241	55.2	-320.6	-174.4	68.3	1.95	0.04	Not required
Max WWAN Ant 2	0.707	55.2	-252.4	-177.7				
Max WWAN Ant 1+Bluetooth Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.241	15.0	-318.8	-174.4	65.7	1.30	0.02	Not required
Bluetooth Ant 4+3(4)	0.062	34.4	-256.0	-173.7				
Max WWAN Ant 1+Bluetooth Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.241	15.0	-318.8	-174.4	42.1	1.30	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 2	0.707	53.7	-248.4	-174.3	20.8	0.77	0.03	Not required
Bluetooth Ant 4+3(4)	0.062	34.4	-256.0	-173.7				
Max WWAN Ant 2	0.707	54.3	-250.7	-177.6	71.3	0.77	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Bluetooth Ant 4+3(4)	0.062	34.4	-256.0	-173.7	51.2	0.13	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 14>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.660	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.677	0.704	0.499	0.583
				(0+2+7+9) Summed SAR	(0+2+7+10) Summed SAR	(0+2+7+11) Summed SAR	(0+2+7+12) Summed SAR	(0+2+7+13) Summed SAR	(0+2+7+14) Summed SAR	(0+2+7+15) Summed SAR	(0+2+7+16) Summed SAR	(0+2+7+17) Summed SAR	(0+2+7+18) Summed SAR	(0+2+7+19) Summed SAR	(0+2+7+20) Summed SAR	(0+2+7+21) Summed SAR	(0+2+7+22) Summed SAR
GSM850_Ant 1 TX0	0.703	0.269	0.200	1.782	1.885	1.871	1.869	1.823	1.588	1.862	1.736	1.797	1.859	1.790	1.881	1.680	1.779
WCDMA V_Ant 1 TX0	0.708	0.269	0.200	1.786	1.884	1.876	1.863	1.829	1.593	1.867	1.741	1.802	1.859	1.772	1.883	1.685	1.784
LTE Band 12_Ant 1 TX0	0.714	0.269	0.200	1.782	1.882	1.882	1.869	1.836	1.599	1.873	1.747	1.808	1.898	1.778	1.886	1.691	1.790
LTE Band 13_Ant 1 TX0	0.683	0.269	0.200	1.771	1.879	1.861	1.869	1.815	1.576	1.852	1.726	1.757	1.876	1.756	1.885	1.670	1.769
LTE Band 14_Ant 1 TX0	0.677	0.269	0.200	1.756	1.862	1.865	1.872	1.799	1.562	1.835	1.710	1.771	1.862	1.742	1.869	1.654	1.753
LTE Band 25_Ant 1 Sub TX0	0.690	0.269	0.200	1.798	1.875	1.868	1.885	1.817	1.575	1.869	1.723	1.761	1.875	1.756	1.882	1.667	1.766
LTE Band 26_Ant 1 TX0	0.713	0.269	0.200	1.791	1.869	1.861	1.869	1.835	1.598	1.872	1.746	1.807	1.896	1.776	1.901	1.680	1.779
LTE Band 66_Ant 1 Sub TX0	0.713	0.269	0.200	1.791	1.869	1.861	1.869	1.835	1.598	1.872	1.746	1.807	1.896	1.776	1.901	1.680	1.779
LTE Band 71_Ant 1 TX0	0.701	0.269	0.200	1.779	1.857	1.848	1.866	1.823	1.586	1.860	1.734	1.795	1.888	1.766	1.893	1.678	1.777
FR1 n12_Ant 1 TX0	0.703	0.269	0.200	1.791	1.869	1.871	1.869	1.815	1.588	1.862	1.736	1.797	1.888	1.766	1.881	1.680	1.779
FR1 n13_Ant 1 TX0	0.708	0.269	0.200	1.797	1.865	1.877	1.863	1.831	1.594	1.868	1.742	1.803	1.894	1.772	1.882	1.685	1.785
FR1 n25_Ant 1 Sub TX0	0.714	0.269	0.200	1.792	1.869	1.882	1.869	1.836	1.599	1.873	1.747	1.808	1.898	1.778	1.886	1.691	1.790
FR1 n26_Ant 1 TX0	0.584	0.269	0.200	1.642	1.770	1.762	1.779	1.755	1.489	1.742	1.617	1.673	1.798	1.648	1.776	1.561	1.660
FR1 n41_Ant 1 Sub TX0	0.616	0.269	0.200	1.712	1.839	1.862	1.829	1.764	1.519	1.781	1.657	1.719	1.819	1.699	1.926	1.611	1.710
FR1 n48_Ant 1 Sub TX0	0.708	0.269	0.200	1.797	1.865	1.877	1.863	1.831	1.594	1.868	1.742	1.803	1.894	1.772	1.882	1.685	1.785
FR1 n66_Ant 1 Sub TX0	0.693	0.269	0.200	1.771	1.879	1.861	1.869	1.815	1.576	1.852	1.726	1.757	1.876	1.756	1.885	1.670	1.769
FR1 n71_Ant 1 TX0	0.713	0.269	0.200	1.791	1.869	1.861	1.869	1.835	1.598	1.872	1.746	1.807	1.896	1.776	1.901	1.680	1.779
FR1 n77_Ant 1 Sub TX0	0.680	0.269	0.200	1.766	1.874	1.858	1.865	1.812	1.575	1.849	1.723	1.781	1.875	1.756	1.882	1.667	1.766

Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Cheek	1g SAR (W/kg)			0.590	0.698	0.660	0.707	0.634	0.397	0.671	0.545	0.606	0.697	0.677	0.704	0.499	0.583
				(0+2+7+9) Summed SAR	(0+2+7+10) Summed SAR	(0+2+7+11) Summed SAR	(0+2+7+12) Summed SAR	(0+2+7+13) Summed SAR	(0+2+7+14) Summed SAR	(0+2+7+15) Summed SAR	(0+2+7+16) Summed SAR	(0+2+7+17) Summed SAR	(0+2+7+18) Summed SAR	(0+2+7+19) Summed SAR	(0+2+7+20) Summed SAR	(0+2+7+21) Summed SAR	(0+2+7+22) Summed SAR
GSM850_Ant 1 TX0	0.703	0.269	0.200	1.782	1.885	1.871	1.869	1.823	1.588	1.862	1.736	1.797	1.859	1.790	1.881	1.680	1.779
WCDMA V_Ant 1 TX0	0.708	0.269	0.200	1.786	1.884	1.876	1.863	1.829	1.593	1.867	1.741	1.802	1.859	1.772	1.883	1.685	1.784
LTE Band 12_Ant 1 TX0	0.714	0.269	0.200	1.782	1.882	1.882	1.869	1.836	1.599	1.873	1.747	1.808	1.898	1.778	1.886	1.691	1.790
LTE Band 13_Ant 1 TX0	0.683	0.269	0.200	1.771	1.879	1.861	1.869	1.815	1.576	1.852	1.726	1.757	1.876	1.756	1.885	1.670	1.769
LTE Band 14_Ant 1 TX0	0.677	0.269	0.200	1.756	1.862	1.865	1.872	1.799	1.562	1.835	1.710	1.771	1.862	1.742	1.869	1.654	1.753
LTE Band 25_Ant 1 Sub TX0	0.690	0.269	0.200	1.798	1.875	1.868	1.885	1.817	1.575	1.869	1.723	1.761	1.875	1.756	1.882	1.667	1.766
LTE Band 26_Ant 1 TX0	0.713	0.269	0.200	1.791	1.869	1.861	1.869	1.835	1.598	1.872	1.746	1.807	1.896	1.776	1.901	1.680	1.779
LTE Band 66_Ant 1 Sub TX0	0.713	0.269	0.200	1.791	1.869	1.861	1.869	1.835	1.598	1.872	1.746	1.807	1.896	1.776	1.901	1.680	1.779
LTE Band 71_Ant 1 TX0	0.701	0.269	0.200	1.779	1.857	1.848	1.866	1.823	1.586	1.860	1.734	1.795	1.888	1.766	1.893	1.678	1.777
FR1 n12_Ant 1 TX0	0.703	0.269	0.200	1.791	1.869	1.871	1.869	1.815	1.588	1.862	1.736	1.797	1.888	1.766	1.881	1.680	1.779
FR1 n13_Ant 1 TX0	0.708	0.269	0.200	1.797	1.865	1.877	1.863	1.831	1.594	1.868	1.742	1.803	1.894	1.772	1.882	1.685	1.785
FR1 n25_Ant 1 Sub TX0	0.714	0.269	0.200	1.792	1.869	1.882	1.869	1.836	1.599	1.873	1.747	1.808	1.898	1.778	1.886	1.691	1.790
FR1 n26_Ant 1 TX0	0.584	0.269	0.200	1.642	1.770	1.762	1.779	1.755	1.489	1.742	1.617	1.673	1.798	1.648	1.776	1.561	1.660
FR1 n41_Ant 1 Sub TX0	0.616	0.269	0.200	1.712	1.839	1.862	1.829	1.764	1.519	1.781	1.657	1.719	1.819	1.699	1.926	1.611	1.710
FR1 n48_Ant 1 Sub TX0	0.708	0.269	0.200	1.797	1.865	1.877	1.863	1.831	1.594	1.868	1.742	1.803	1.894	1.772	1.882	1.685	1.785
FR1 n66_Ant 1 Sub TX0	0.693	0.269	0.200	1.771	1.879	1.861	1.869	1.815	1.576	1.852	1.726	1.757	1.876	1.756	1.885	1.670	1.769
FR1 n71_Ant 1 TX0	0.713	0.269	0.200	1.791	1.869	1.861	1.869	1.835	1.598	1.872	1.746	1.807	1.896	1.776	1.901	1.680	1.779
FR1 n77_Ant 1 Sub TX0	0.680	0.269	0.200	1.766	1.874	1.858	1.865	1.812	1.575	1.849	1.723	1.781	1.875	1.756	1.882	1.667	1.766

<Case 15>

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 Cheek	1g SAR (W/kg)			0.125	0.197	0.658
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.703	0.224	0.288	1.340	1.412	1.873
WCDMA V_Ant 1 TX1	0.708	0.224	0.288	1.345	1.417	1.878
LTE Band 12_Ant 1 TX1	0.714	0.224	0.288	1.351	1.423	1.884
LTE Band 13_Ant 1 TX1	0.693	0.224	0.288	1.330	1.402	1.863
LTE Band 14_Ant 1 TX1	0.677	0.224	0.288	1.314	1.386	1.847
LTE Band 25_Ant 1 Sub TX0	0.690	0.224	0.288	1.327	1.399	1.860
LTE Band 26_Ant 1 TX1	0.713	0.224	0.288	1.350	1.422	1.883
LTE Band 66_Ant 1 Sub TX0	0.713	0.224	0.288	1.350	1.422	1.883
LTE Band 71_Ant 1 TX1	0.701	0.224	0.288	1.338	1.410	1.871
FR1 n12_Ant 1 TX1	0.703	0.224	0.288	1.340	1.412	1.873
FR1 n14_Ant 1 TX1	0.709	0.224	0.288	1.346	1.418	1.879
FR1 n25_Ant 1 Sub TX0	0.714	0.224	0.288	1.351	1.423	1.884
FR1 n26_Ant 1 TX1	0.584	0.224	0.288	1.221	1.293	1.754
FR1 n41_Ant 1 Sub TX0	0.634	0.224	0.288	1.271	1.343	1.804
FR1 n48_Ant 1 Sub TX0	0.709	0.224	0.288	1.346	1.418	1.879
FR1 n66_Ant 1 Sub TX0	0.693	0.224	0.288	1.330	1.402	1.863
FR1 n71_Ant 1 TX1	0.713	0.224	0.288	1.350	1.422	1.883
FR1 n77_Ant 1 Sub TX0	0.690	0.224	0.288	1.327	1.399	1.860

SAR peak location (mm)			X (axis)	58.6	46.9	49	56	55.9
			Y (axis)	-318	-322.5	-252.7	-245.4	-245.2
			Z (axis)	-174	-175.2	-175.1	-177.3	-173.5
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 Cheek	1g SAR (W/kg)			0.125	0.197	0.658
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
14	-326.2	-176.8	GSM850_Ant 1 TX1	0.703	0.224	0.288			0.04
12.8	-320.4	-174.1	WCDMA V_Ant 1 TX1	0.708	0.224	0.288			0.04
14.9	-322.9	-174.3	LTE Band 12_Ant 1 TX1	0.714	0.224	0.288			0.04
15.5	-321.8	-177.1	LTE Band 13_Ant 1 TX1	0.693	0.224	0.288			0.03
14.4	-320.3	-177	LTE Band 14_Ant 1 TX1	0.677	0.224	0.288			0.03
14.5	-329.5	-174.1	LTE Band 25_Ant 1 Sub TX0	0.690	0.224	0.288			0.03
14.1	-325	-176.9	LTE Band 26_Ant 1 TX1	0.713	0.224	0.288			0.04
13	-328.6	-174	LTE Band 66_Ant 1 Sub TX0	0.713	0.224	0.288			0.04
18.1	-327.4	-174.4	LTE Band 71_Ant 1 TX1	0.701	0.224	0.288			0.04
15.1	-319.7	-174.4	FR1 n12_Ant 1 TX1	0.703	0.224	0.288			0.04
15	-318.8	-174.4	FR1 n14_Ant 1 TX1	0.709	0.224	0.288			0.04
20.7	-334.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.714	0.224	0.288			0.04
16.6	-323.6	-174.5	FR1 n26_Ant 1 TX1	0.584	0.224	0.288			0.03
12.2	-324	-174.1	FR1 n41_Ant 1 Sub TX0	0.634	0.224	0.288			0.03
37.2	-334.6	-174.4	FR1 n48_Ant 1 Sub TX0	0.709	0.224	0.288			0.04
15.8	-332.3	-174	FR1 n66_Ant 1 Sub TX0	0.693	0.224	0.288			0.03
15	-322.3	-174.3	FR1 n71_Ant 1 TX1	0.713	0.224	0.288			0.04
36.5	-334.8	-177.2	FR1 n77_Ant 1 Sub TX0	0.690	0.224	0.288			0.03

<Case 16>

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 Cheek	1g SAR (W/kg)			0.125	0.197	0.658
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.703	0.045	0.288	1.161	1.233	1.694
WCDMA V_Ant 1 TX1	0.708	0.045	0.288	1.166	1.238	1.699
LTE Band 12_Ant 1 TX1	0.714	0.045	0.288	1.172	1.244	1.705
LTE Band 13_Ant 1 TX1	0.693	0.045	0.288	1.151	1.223	1.684
LTE Band 14_Ant 1 TX1	0.677	0.045	0.288	1.135	1.207	1.668
LTE Band 25_Ant 1 Sub TX0	0.690	0.045	0.288	1.148	1.220	1.681
LTE Band 26_Ant 1 TX1	0.713	0.045	0.288	1.171	1.243	1.704
LTE Band 66_Ant 1 Sub TX0	0.713	0.045	0.288	1.171	1.243	1.704
LTE Band 71_Ant 1 TX1	0.701	0.045	0.288	1.159	1.231	1.692
FR1 n12_Ant 1 TX1	0.703	0.045	0.288	1.161	1.233	1.694
FR1 n14_Ant 1 TX1	0.709	0.045	0.288	1.167	1.239	1.700
FR1 n25_Ant 1 Sub TX0	0.714	0.045	0.288	1.172	1.244	1.705
FR1 n26_Ant 1 TX1	0.584	0.045	0.288	1.042	1.114	1.575
FR1 n41_Ant 1 Sub TX0	0.634	0.045	0.288	1.092	1.164	1.625
FR1 n48_Ant 1 Sub TX0	0.709	0.045	0.288	1.167	1.239	1.700
FR1 n66_Ant 1 Sub TX0	0.693	0.045	0.288	1.151	1.223	1.684
FR1 n71_Ant 1 TX1	0.713	0.045	0.288	1.171	1.243	1.704
FR1 n77_Ant 1 Sub TX0	0.690	0.045	0.288	1.148	1.220	1.681

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	77.8	1.66	0.03	Not required
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	46.9	-322.5	-175.2				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	26.7	0.70	0.02	Not required
WLAN2.4G Ant 4	0.045	32.5	-258.0	-173.4				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	75.0	0.72	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	63.3	1.05	0.02	Not required
WLAN2.4G Ant 4	0.045	32.5	-258.0	-173.4				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	42.1	1.07	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
WLAN2.4G Ant 4	0.045	32.5	-258.0	-173.4	48.5	0.11	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 17>

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 Cheek	1g SAR (W/kg)			0.125	0.197	0.658
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.703	0.194	0.288	1.310	1.382	1.843
WCDMA V_Ant 1 TX1	0.708	0.194	0.288	1.315	1.387	1.848
LTE Band 12_Ant 1 TX1	0.714	0.194	0.288	1.321	1.393	1.854
LTE Band 13_Ant 1 TX1	0.693	0.194	0.288	1.300	1.372	1.833
LTE Band 14_Ant 1 TX1	0.677	0.194	0.288	1.284	1.356	1.817
LTE Band 25_Ant 1 Sub TX0	0.690	0.194	0.288	1.297	1.369	1.830
LTE Band 26_Ant 1 TX1	0.713	0.194	0.288	1.320	1.392	1.853
LTE Band 66_Ant 1 Sub TX0	0.713	0.194	0.288	1.320	1.392	1.853
LTE Band 71_Ant 1 TX1	0.701	0.194	0.288	1.308	1.380	1.841
FR1 n12_Ant 1 TX1	0.703	0.194	0.288	1.310	1.382	1.843
FR1 n14_Ant 1 TX1	0.709	0.194	0.288	1.316	1.388	1.849
FR1 n25_Ant 1 Sub TX0	0.714	0.194	0.288	1.321	1.393	1.854
FR1 n26_Ant 1 TX1	0.584	0.194	0.288	1.191	1.263	1.724
FR1 n41_Ant 1 Sub TX0	0.634	0.194	0.288	1.241	1.313	1.774
FR1 n48_Ant 1 Sub TX0	0.709	0.194	0.288	1.316	1.388	1.849
FR1 n66_Ant 1 Sub TX0	0.693	0.194	0.288	1.300	1.372	1.833
FR1 n71_Ant 1 TX1	0.713	0.194	0.288	1.320	1.392	1.853
FR1 n77_Ant 1 Sub TX0	0.690	0.194	0.288	1.297	1.369	1.830

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	73.0	1.85	0.03	Not required
Max WWAN Ant 1+WLAN2.4G Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.196	58.2	-318.2	-174.1				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	22.3	0.72	0.03	Not required
WLAN2.4G Ant 4+3(4)	0.066	36.3	-255.9	-174.1				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	75.0	0.72	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 1+WLAN2.4G Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.196	58.2	-318.2	-174.1	66.0	1.26	0.02	Not required
WLAN2.4G Ant 4+3(4)	0.066	36.3	-255.9	-174.1				
Max WWAN Ant 1+WLAN2.4G Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.196	15.0	-318.8	-174.4	42.1	1.26	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
WLAN2.4G Ant 4+3(4)	0.066	36.3	-255.9	-174.1	52.9	0.13	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 18>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)			0.125	0.197	0.658
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.703	0.288	0.235	1.351	1.423	1.884
WCDMA V_Ant 1 TX1	0.708	0.288	0.235	1.356	1.428	1.889
LTE Band 12_Ant 1 TX1	0.714	0.288	0.235	1.362	1.434	1.895
LTE Band 13_Ant 1 TX1	0.693	0.288	0.235	1.341	1.413	1.874
LTE Band 14_Ant 1 TX1	0.677	0.288	0.235	1.325	1.397	1.858
LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.235	1.338	1.410	1.871
LTE Band 26_Ant 1 TX1	0.713	0.288	0.235	1.361	1.433	1.894
LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.235	1.361	1.433	1.894
LTE Band 71_Ant 1 TX1	0.701	0.288	0.235	1.349	1.421	1.882
FR1 n12_Ant 1 TX1	0.703	0.288	0.235	1.351	1.423	1.884
FR1 n14_Ant 1 TX1	0.709	0.288	0.235	1.357	1.429	1.890
FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.235	1.362	1.434	1.895
FR1 n26_Ant 1 TX1	0.584	0.288	0.235	1.232	1.304	1.765
FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.235	1.282	1.354	1.815
FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.235	1.357	1.429	1.890
FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.235	1.341	1.413	1.874
FR1 n71_Ant 1 TX1	0.713	0.288	0.235	1.361	1.433	1.894
FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.235	1.338	1.410	1.871

SAR peak location (mm)									
			X (axis)		46.9	56.5	49	56	55.9
			Y (axis)		-322.5	-321.3	-252.7	-245.4	-245.2
			Z (axis)		-175.2	-174.1	-175.1	-177.3	-173.5
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	2	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)			0.125	0.197	0.658
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results
14	-326.2	-176.8	GSM850_Ant 1 TX1	0.703	0.288	0.235			0.03
12.8	-320.4	-174.1	WCDMA V_Ant 1 TX1	0.708	0.288	0.235			0.03
14.9	-322.9	-174.3	LTE Band 12_Ant 1 TX1	0.714	0.288	0.235			0.03
15.5	-321.8	-177.1	LTE Band 13_Ant 1 TX1	0.693	0.288	0.235			0.03
14.4	-320.3	-177	LTE Band 14_Ant 1 TX1	0.677	0.288	0.235			0.03
14.5	-329.5	-174.1	LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.235			0.03
14.1	-325	-176.9	LTE Band 26_Ant 1 TX1	0.713	0.288	0.235			0.03
13	-328.6	-174	LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.235			0.03
18.1	-327.4	-174.4	LTE Band 71_Ant 1 TX1	0.701	0.288	0.235			0.03
15.1	-319.7	-174.4	FR1 n12_Ant 1 TX1	0.703	0.288	0.235			0.03
15	-318.8	-174.4	FR1 n14_Ant 1 TX1	0.709	0.288	0.235			0.03
20.7	-334.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.235			0.03
16.6	-323.6	-174.5	FR1 n26_Ant 1 TX1	0.584	0.288	0.235			0.03
12.2	-324	-174.1	FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.235			0.03
37.2	-334.6	-174.4	FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.235			0.03
15.8	-332.3	-174	FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.235			0.03
15	-322.3	-174.3	FR1 n71_Ant 1 TX1	0.713	0.288	0.235			0.03
36.5	-334.8	-177.2	FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.235			0.03

<Case 19>

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 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)			0.125	0.197	0.658
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.703	0.288	0.059	1.175	1.247	1.708
WCDMA V_Ant 1 TX1	0.708	0.288	0.059	1.180	1.252	1.713
LTE Band 12_Ant 1 TX1	0.714	0.288	0.059	1.186	1.258	1.719
LTE Band 13_Ant 1 TX1	0.693	0.288	0.059	1.165	1.237	1.698
LTE Band 14_Ant 1 TX1	0.677	0.288	0.059	1.149	1.221	1.682
LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.059	1.162	1.234	1.695
LTE Band 26_Ant 1 TX1	0.713	0.288	0.059	1.185	1.257	1.718
LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.059	1.185	1.257	1.718
LTE Band 71_Ant 1 TX1	0.701	0.288	0.059	1.173	1.245	1.706
FR1 n12_Ant 1 TX1	0.703	0.288	0.059	1.175	1.247	1.708
FR1 n14_Ant 1 TX1	0.709	0.288	0.059	1.181	1.253	1.714
FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.059	1.186	1.258	1.719
FR1 n26_Ant 1 TX1	0.584	0.288	0.059	1.056	1.128	1.589
FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.059	1.106	1.178	1.639
FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.059	1.181	1.253	1.714
FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.059	1.165	1.237	1.698
FR1 n71_Ant 1 TX1	0.713	0.288	0.059	1.185	1.257	1.718
FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.059	1.162	1.234	1.695

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	77.8	1.66	0.03	Not required
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	46.9	-322.5	-175.2				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	28.3	0.72	0.02	Not required
Bluetooth Ant 4	0.059	30.1	-256.8	-172.6				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	75.0	0.72	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	63.8	1.06	0.02	Not required
Bluetooth Ant 4	0.059	30.1	-256.8	-172.6				
Max WWAN Ant 1+WLAN5/6G Ant 4+3(3)	1.002	15.0	-318.8	-174.4	42.1	1.07	0.03	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Bluetooth Ant 4	0.059	30.1	-256.8	-172.6	47.1	0.12	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 20>

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+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)			0.125	0.197	0.658
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.703	0.288	0.239	1.355	1.427	1.888
WCDMA V_Ant 1 TX1	0.708	0.288	0.239	1.360	1.432	1.893
LTE Band 12_Ant 1 TX1	0.714	0.288	0.239	1.366	1.438	1.899
LTE Band 13_Ant 1 TX1	0.693	0.288	0.239	1.345	1.417	1.878
LTE Band 14_Ant 1 TX1	0.677	0.288	0.239	1.329	1.401	1.862
LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.239	1.342	1.414	1.875
LTE Band 26_Ant 1 TX1	0.713	0.288	0.239	1.365	1.437	1.898
LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.239	1.365	1.437	1.898
LTE Band 71_Ant 1 TX1	0.701	0.288	0.239	1.353	1.425	1.886
FR1 n12_Ant 1 TX1	0.703	0.288	0.239	1.355	1.427	1.888
FR1 n14_Ant 1 TX1	0.709	0.288	0.239	1.361	1.433	1.894
FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.239	1.366	1.438	1.899
FR1 n26_Ant 1 TX1	0.584	0.288	0.239	1.236	1.308	1.769
FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.239	1.286	1.358	1.819
FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.239	1.361	1.433	1.894
FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.239	1.345	1.417	1.878
FR1 n71_Ant 1 TX1	0.713	0.288	0.239	1.365	1.437	1.898
FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.239	1.342	1.414	1.875

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	75.4	1.90	0.03	Not required
Max WWAN Ant 1+Bluetooth Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.241	55.2	-320.6	-174.4				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	24.1	0.72	0.03	Not required
Bluetooth Ant 4+3(4)	0.062	34.4	-256.0	-173.7				
Max WWAN Ant 7	0.658	55.9	-245.2	-173.5	75.0	0.72	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Max WWAN Ant 1+Bluetooth Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.241	15.0	-318.8	-174.4	65.7	1.30	0.02	Not required
Bluetooth Ant 4+3(4)	0.062	34.4	-256.0	-173.7				
Max WWAN Ant 1+Bluetooth Ant 4+3(3)+WLAN5/6G Ant 4+3(3)	1.241	15.0	-318.8	-174.4	42.1	1.30	0.04	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				
Bluetooth Ant 4+3(4)	0.062	34.4	-256.0	-173.7	51.2	0.13	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.063	-7.8	-284.2	-167.2				

<Case 21>

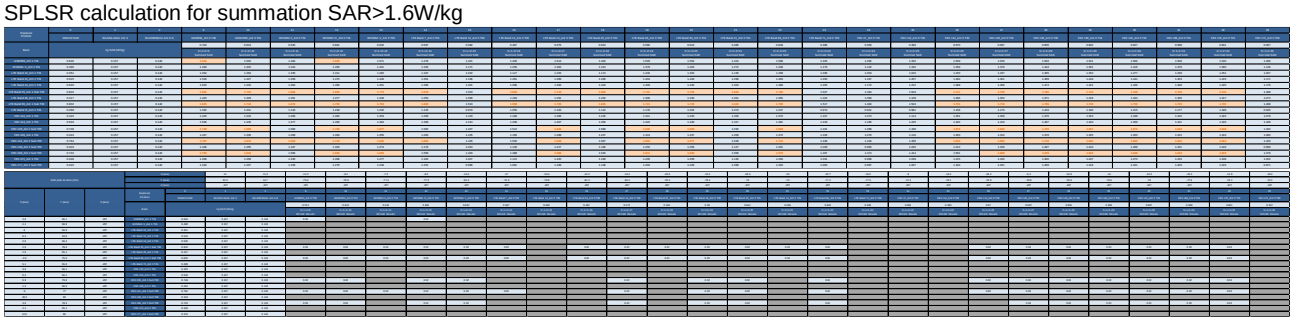
SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	2	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)			0.125	0.197	0.658
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.703	0.288	0.200	1.316	1.388	1.849
WCDMA V_Ant 1 TX1	0.708	0.288	0.200	1.321	1.393	1.854
LTE Band 12_Ant 1 TX1	0.714	0.288	0.200	1.327	1.399	1.860
LTE Band 13_Ant 1 TX1	0.693	0.288	0.200	1.306	1.378	1.839
LTE Band 14_Ant 1 TX1	0.677	0.288	0.200	1.290	1.362	1.823
LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.200	1.303	1.375	1.836
LTE Band 26_Ant 1 TX1	0.713	0.288	0.200	1.326	1.398	1.859
LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.200	1.326	1.398	1.859
LTE Band 71_Ant 1 TX1	0.701	0.288	0.200	1.314	1.386	1.847
FR1 n12_Ant 1 TX1	0.703	0.288	0.200	1.316	1.388	1.849
FR1 n14_Ant 1 TX1	0.709	0.288	0.200	1.322	1.394	1.855
FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.200	1.327	1.399	1.860
FR1 n26_Ant 1 TX1	0.584	0.288	0.200	1.197	1.269	1.730
FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.200	1.247	1.319	1.780
FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.200	1.322	1.394	1.855
FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.200	1.306	1.378	1.839
FR1 n71_Ant 1 TX1	0.713	0.288	0.200	1.326	1.398	1.859
FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.200	1.303	1.375	1.836

SAR peak location (mm)			X (axis)	46.9	54.4	49	56	55.9
			Y (axis)	-322.5	-322.2	-252.7	-245.4	-245.2
			Z (axis)	-175.2	-174.3	-175.1	-177.3	-173.5
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	2	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Cheek	1g SAR (W/kg)			0.125	0.197	0.658
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results
14	-326.2	-176.8	GSM850_Ant 1 TX1	0.703	0.288	0.200			0.03
12.8	-320.4	-174.1	WCDMA V_Ant 1 TX1	0.708	0.288	0.200			0.03
14.9	-322.9	-174.3	LTE Band 12_Ant 1 TX1	0.714	0.288	0.200			0.03
15.5	-321.8	-177.1	LTE Band 13_Ant 1 TX1	0.693	0.288	0.200			0.03
14.4	-320.3	-177	LTE Band 14_Ant 1 TX1	0.677	0.288	0.200			0.03
14.5	-329.5	-174.1	LTE Band 25_Ant 1 Sub TX0	0.690	0.288	0.200			0.03
14.1	-325	-176.9	LTE Band 26_Ant 1 TX1	0.713	0.288	0.200			0.03
13	-328.6	-174	LTE Band 66_Ant 1 Sub TX0	0.713	0.288	0.200			0.03
18.1	-327.4	-174.4	LTE Band 71_Ant 1 TX1	0.701	0.288	0.200			0.03
15.1	-319.7	-174.4	FR1 n12_Ant 1 TX1	0.703	0.288	0.200			0.03
15	-318.8	-174.4	FR1 n14_Ant 1 TX1	0.709	0.288	0.200			0.03
20.7	-334.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.714	0.288	0.200			0.03
16.6	-323.6	-174.5	FR1 n26_Ant 1 TX1	0.584	0.288	0.200			0.03
12.2	-324	-174.1	FR1 n41_Ant 1 Sub TX0	0.634	0.288	0.200			0.03
37.2	-334.6	-174.4	FR1 n48_Ant 1 Sub TX0	0.709	0.288	0.200			0.03
15.8	-332.3	-174	FR1 n66_Ant 1 Sub TX0	0.693	0.288	0.200			0.03
15	-322.3	-174.3	FR1 n71_Ant 1 TX1	0.713	0.288	0.200			0.03
36.5	-334.8	-177.2	FR1 n77_Ant 1 Sub TX0	0.690	0.288	0.200			0.03

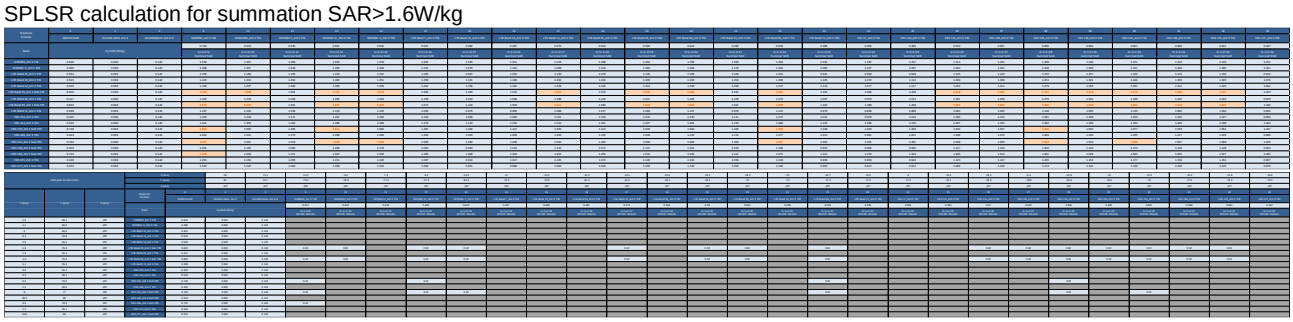
<Case 22>

SPLSR calculation for summation SAR>1.6W/kg



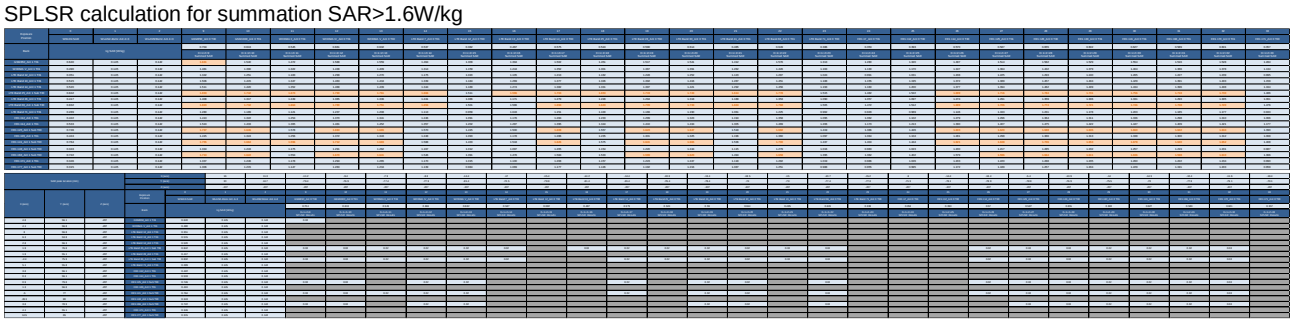
<Case 23>

SPLSR calculation for summation SAR>1.6W/kg



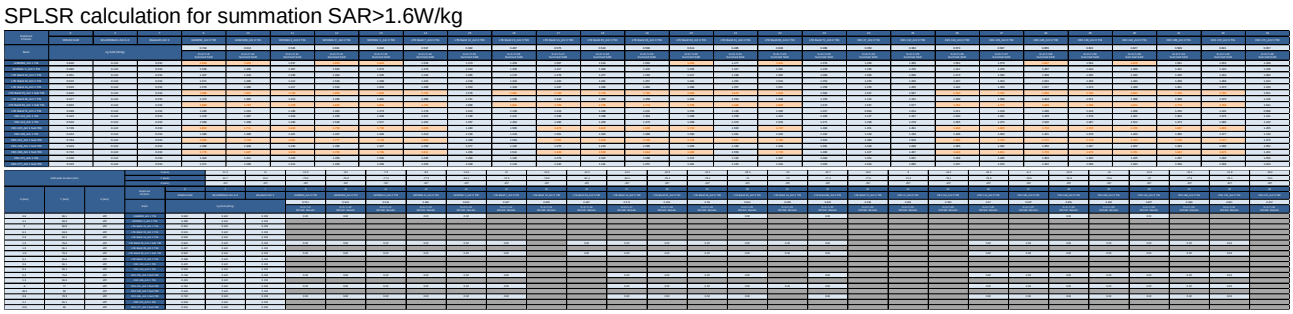
<Case 24>

SPLSR calculation for summation SAR>1.6W/kg



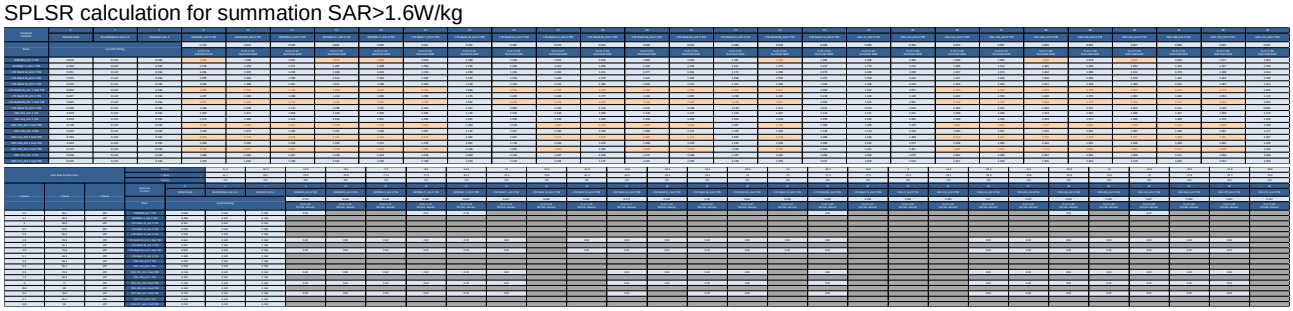
<Case 25>

SPLSR calculation for summation SAR>1.6W/kg



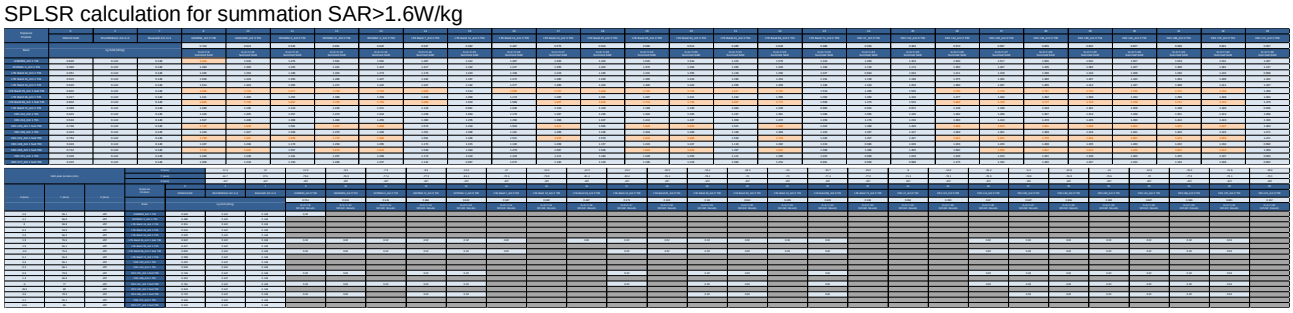
<Case 26>

SPLSR calculation for summation SAR>1.6W/kg



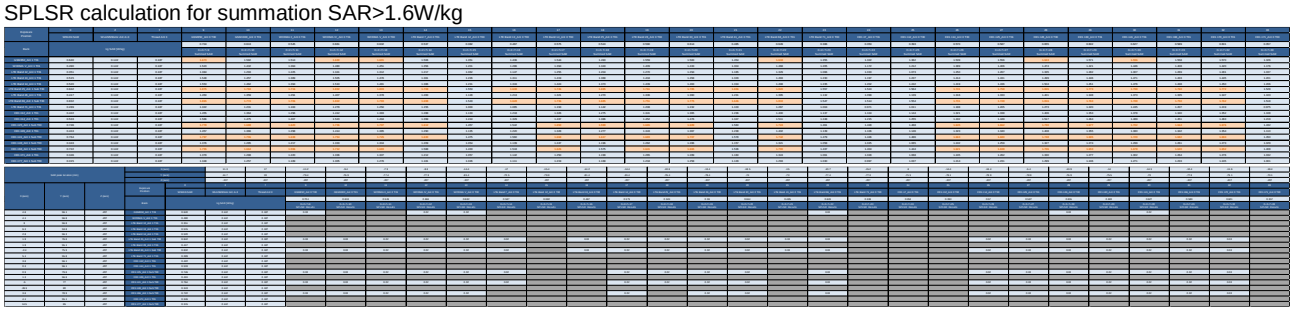
<Case 27>

SPLSR calculation for summation SAR>1.6W/kg



<Case 28>

SPLSR calculation for summation SAR>1.6W/kg



<Case 29>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 3	GSM1900_Ant 2 T00	WCDMA II_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 25_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n25_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
Back	1g SAR (W/kg)			0.434	0.461	0.435	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.461
				0+1+7+8 Summed SAR	0+1+7+11 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM1900_Ant 0 T00	0.704	0.142	0.210	1.430	1.517	1.451	1.418	1.437	1.489	1.560	1.414	1.391	1.419	1.395	1.653	1.414	1.507
GSM1900_Ant 0 T00	0.613	0.142	0.210	1.369	1.426	1.390	1.327	1.348	1.378	1.469	1.323	1.305	1.343	1.304	1.511	1.323	1.416
WCDMA II_Ant 0 T00	0.545	0.142	0.210	1.331	1.398	1.322	1.259	1.278	1.310	1.401	1.255	1.237	1.275	1.236	1.443	1.255	1.348
WCDMA IV_Ant 0 T00	0.661	0.142	0.210	1.417	1.474	1.416	1.375	1.364	1.418	1.517	1.371	1.353	1.361	1.352	1.559	1.371	1.464
WCDMA V_Ant 0 T00	0.618	0.142	0.210	1.398	1.445	1.408	1.368	1.365	1.397	1.488	1.342	1.324	1.362	1.323	1.530	1.342	1.455
LTE Band 7_Ant 0 T00	0.537	0.142	0.210	1.292	1.350	1.314	1.251	1.270	1.302	1.393	1.247	1.229	1.267	1.228	1.435	1.247	1.340
LTE Band 12_Ant 0 T00	0.382	0.142	0.210	1.136	1.195	1.158	1.096	1.115	1.147	1.238	1.092	1.074	1.113	1.073	1.280	1.092	1.185
LTE Band 13_Ant 0 T00	0.467	0.142	0.210	1.221	1.280	1.244	1.181	1.200	1.232	1.323	1.177	1.159	1.197	1.158	1.365	1.177	1.270
LTE Band 14_Ant 0 T00	0.575	0.142	0.210	1.331	1.388	1.352	1.289	1.308	1.340	1.431	1.186	1.167	1.205	1.166	1.473	1.186	1.378
LTE Band 25_Ant 0 T00	0.524	0.142	0.210	1.280	1.337	1.301	1.239	1.257	1.289	1.380	1.234	1.216	1.254	1.215	1.422	1.234	1.327
LTE Band 26_Ant 0 T00	0.580	0.142	0.210	1.346	1.403	1.367	1.304	1.323	1.355	1.446	1.300	1.282	1.320	1.281	1.488	1.300	1.393
LTE Band 30_Ant 0 T00	0.614	0.142	0.210	1.370	1.427	1.391	1.328	1.347	1.379	1.470	1.324	1.306	1.344	1.305	1.512	1.324	1.417
LTE Band 41_Ant 0 T00	0.466	0.142	0.210	1.241	1.296	1.262	1.199	1.218	1.250	1.341	1.195	1.177	1.215	1.176	1.383	1.195	1.288
LTE Band 66_Ant 0 T00	0.549	0.142	0.210	1.435	1.492	1.424	1.363	1.382	1.414	1.505	1.359	1.341	1.379	1.340	1.547	1.359	1.452
LTE Band 71_Ant 0 T00	0.388	0.142	0.210	1.142	1.199	1.163	1.100	1.119	1.151	1.242	1.096	1.078	1.116	1.077	1.284	1.096	1.189
FR1 n7_Ant 0 T01	0.353	0.142	0.210	1.139	1.195	1.132	1.067	1.084	1.118	1.209	1.063	1.045	1.083	1.044	1.251	1.063	1.156
FR1 n25_Ant 0 T00	0.393	0.142	0.210	1.149	1.206	1.170	1.107	1.126	1.158	1.249	1.103	1.085	1.123	1.084	1.291	1.103	1.196
FR1 n30_Ant 0 T00	0.570	0.142	0.210	1.326	1.383	1.347	1.284	1.303	1.335	1.426	1.280	1.262	1.300	1.261	1.468	1.280	1.373
FR1 n41_Ant 0 T00	0.587	0.142	0.210	1.343	1.400	1.364	1.301	1.320	1.352	1.443	1.297	1.279	1.317	1.278	1.485	1.297	1.390
FR1 n66_Ant 0 T00	0.466	0.142	0.210	1.411	1.468	1.432	1.369	1.388	1.420	1.511	1.365	1.347	1.385	1.346	1.553	1.365	1.458
FR1 n70_Ant 0 T00	0.602	0.142	0.210	1.358	1.415	1.379	1.316	1.335	1.367	1.458	1.312	1.294	1.332	1.293	1.500	1.312	1.405
FR1 n71_Ant 0 T00	0.627	0.142	0.210	1.393	1.449	1.414	1.351	1.370	1.402	1.493	1.337	1.319	1.357	1.318	1.525	1.337	1.439
FR1 n48_Ant 0 T01	0.588	0.142	0.210	1.345	1.402	1.366	1.303	1.322	1.354	1.445	1.299	1.281	1.319	1.280	1.487	1.299	1.392
FR1 n77_Ant 0 T00	0.601	0.142	0.210	1.357	1.414	1.378	1.315	1.334	1.366	1.457	1.311	1.293	1.331	1.292	1.499	1.311	1.404
FR1 n79_Ant 0 T00	0.367	0.142	0.210	1.113	1.170	1.134	1.071	1.090	1.122	1.213	1.067	1.049	1.087	1.048	1.261	1.067	1.160

SAR peak location (mm)				0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			X (mm)	11.5	11		66.1	64.1	-67.2	-69	-41.1	-52.5	-67.5	-62.5	-66.5	-42.9	61	67.5	-41.2	-62.9
			Y (mm)	-84.7	-51.5		-90.8	-89.8	-99	-97	-98.1	-99	-93.5	-99	-93	-93.5	67	-44.5	-93.5	-96.9
			Z (mm)	-207	-207		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 3	GSM1900_Ant 2 T00	WCDMA II_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 25_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n25_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
			Back	1g SAR (W/kg)			0.434	0.461	0.435	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.461
							0+1+7+8 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
-11.2	-78.4	-207	GSM1900_Ant 0 T00	0.704	0.142	0.210												0.61		
-9.4	-78.9	-207	GSM1900_Ant 0 T00	0.613	0.142	0.210														
-7.8	-77.4	-207	WCDMA II_Ant 0 T00	0.545	0.142	0.210														
-8.6	-77.8	-207	WCDMA IV_Ant 0 T00	0.661	0.142	0.210														
-14.4	-81.4	-207	WCDMA V_Ant 0 T00	0.618	0.142	0.210														
-17	-72.6	-207	LTE Band 7_Ant 0 T00	0.537	0.142	0.210														
-16.4	-78.9	-207	LTE Band 12_Ant 0 T00	0.382	0.142	0.210														
-14.2	-81.4	-207	LTE Band 13_Ant 0 T00	0.467	0.142	0.210														
-14.4	-81.4	-207	LTE Band 14_Ant 0 T00	0.575	0.142	0.210														
-16.6	-78.4	-207	LTE Band 25_Ant 0 T00	0.524	0.142	0.210														
-13.4	-78.4	-207	LTE Band 26_Ant 0 T00	0.580	0.142	0.210														
-18.5	-79	-207	LTE Band 30_Ant 0 T00	0.614	0.142	0.210														
-16	-79	-207	LTE Band 41_Ant 0 T00	0.466	0.142	0.210														
-13.7	-77.4	-207	LTE Band 66_Ant 0 T00	0.549	0.142	0.210														
-16.2	-77.3	-207	LTE Band 71_Ant 0 T00	0.388	0.142	0.210														
-9	-71.3	-207	FR1 n7_Ant 0 T01	0.353	0.142	0.210														
-14.4	-76.1	-207	FR1 n25_Ant 0 T00	0.393	0.142	0.210														
-16.4	-78.9	-207	FR1 n30_Ant 0 T00	0.570	0.142	0.210														
-6.4	-78.9	-207	FR1 n41_Ant 0 T00	0.587	0.142	0.210														
-13.9	-78.9	-207	FR1 n66_Ant 0 T00	0.466	0.142	0.210														
-11	-75.5	-207	FR1 n70_Ant 0 T00	0.602	0.142	0.210														
-14.5	-73	-207	FR1 n71_Ant 0 T00	0.627	0.142	0.210														
-16.4	-77.8	-207	FR1 n48_Ant 0 T01	0.588	0.142	0.210														
-11.6	-75.1	-207	FR1 n77_Ant 0 T00	0.601	0.142	0.210														
-16.4	-75.1	-207	FR1 n77_Ant 0 T00	0.367	0.142	0.210														

<Case 30>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 3	GSM1900_Ant 2 T00	WCDMA II_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 25_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n25_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
Back	1g SAR (W/kg)			0.434	0.461	0.435	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.461
LTE Band 7_Ant 0 Sub T00	0.537	0.142	0.210	1.292	1.350	1.314	1.251	1.270	1.302	1.393	1.247	1.229	1.267	1.228	1.435	1.247	1.340
LTE Band 25_Ant 0 Sub T00	0.524	0.142	0.210	1.280	1.337	1.301	1.239	1.257	1.289	1.380	1.234	1.216	1.254	1.215	1.422	1.234	1.327
LTE Band 30_Ant 0 Sub T00	0.614	0.142	0.210	1.370	1.427	1.391	1.328	1.347	1.379	1.470	1.324	1.306	1.344	1.305	1.512	1.324	1.417
LTE Band 66_Ant 0 Sub T00	0.549	0.142	0.210	1.435	1.492	1.424	1.363	1.382	1.414	1.505	1.359	1.341	1.379	1.340	1.547	1.359	1.452
FR1 n41_Ant 0 Sub T00	0.587	0.142	0.210	1.343	1.400	1.364	1.301	1.320	1.352	1.443	1.297	1.279	1.317	1.278	1.485	1.297	1.390
FR1 n66_Ant 0 Sub T00	0.466	0.142	0.210	1.411	1.468	1.432	1.369	1.388	1.420	1.511	1.365	1.347	1.385	1.346	1.553	1.365	1.458
FR1 n70_Ant 0 Sub T00	0.602	0.142	0.210	1.358	1.415	1.379	1.316	1.335	1.367	1.458	1.312	1.294	1.332	1.293	1.500	1.312	1.405
FR1 n71_Ant 0 Sub T00	0.627	0.142	0.210	1.393	1.449	1.414	1.351	1.370	1.402	1.493	1.337	1.319	1.357	1.318	1.525	1.337	1.439
FR1 n48_Ant 0 Sub T01	0.588	0.142	0.210	1.345	1.402	1.366	1.303	1.322	1.354	1.445	1.299	1.281	1.319	1.280	1.487	1.299	1.392
FR1 n77_Ant 0 Sub T00	0.601	0.142	0.210	1.357	1.414	1.378	1.315	1.334	1.366	1.457	1.311	1.293	1.331	1.292	1.499	1.311	1.404
FR1 n79_Ant 0 Sub T00	0.367	0.142	0.210	1.113	1.170	1.134	1.071	1.090	1.122	1.213	1.067	1.049	1.087	1.048	1.261	1.067	1.160

SAR peak location (mm)				0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			X (mm)	11.5	11		66.1	64.1	-67.2	-69	-41.1	-52.5	-67.5	-62.5	-66.5	-42.9	61	67.5	-41.2	-62.9
			Y (mm)	-84.7	-51.5		-90.8	-89.8	-99	-97	-98.1	-99	-93.5	-99	-93	-93.5	67	-44.5	-93.5	-96.9
			Z (mm)	-207	-207		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5GHz Ant 0+3	WLAN5GHz Ant 0+3	GSM1900_Ant 2 T00	WCDMA II_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 25_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n25_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
			Back	1g SAR (W/kg)			0.434	0.461	0.435	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.461
							0+1+7+11 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
4.6	58.1	-207	GSM1900_Ant 0 T00	0.660	0.157	0.142														
4.1	56.8	-207	WCDMA V_Ant 0 T00	0.480	0.157	0.142														
9	56.8	-207	LTE Band 12_Ant 1 T01	0.361	0.157	0.142														
9.3	53.8	-207	LTE Band 13_Ant 1 T00	0.616	0.157	0.142														
2.8	56.1	-207	LTE Band 14_Ant 1 T00	0.593	0.157	0.142														
1.9	79.6	-207	LTE Band 25_Ant 1 Sub T00	0.662	0.157	0.142		0.02						0.02				0.02		
1.9	59.1	-207	LTE Band 26_Ant 1 T00	0.457	0.157	0.142														
2.4	79.9	-207	LTE Band 30_Ant 1 Sub T00	0.602	0.157	0.142								0.02				0.02		
6.1	55.8	-207	LTE Band 41_Ant 1 T00	0.299	0.157	0.142														
3.6	58.1	-207	FR1 n41_Ant 1 T00	0.420	0.157	0.142														
6.3	58.1	-207	FR1 n7_Ant 1 T01	0.503	0.157	0.142														
3.9	79.6	-207	FR1 n25_Ant 1 Sub T00	0.738	0.157	0.142														
1.3	59.6	-207	FR1 n30_Ant 1 T00	0.555	0.157	0.142														
-5	77	-207	FR1 n41_Ant 1 Sub T00	0.756	0.157	0.142												0.02		
-16.5	80	-207	FR1 n66_Ant 1 Sub T00	0.565	0.157	0.142														
3.6	79.9	-207	FR1 n66_Ant 1 Sub T00	0.722	0.157	0.142														
4.1	58.1	-207	FR1 n71_Ant 1 T01	0.366	0.157	0.142														
14.5	46	-207	FR1 n77_Ant 1 Sub T00	0.555	0.157	0.142														

<Case 31>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5GHz Ant 0+3	GSM1900_Ant 2 T00	WCDMA II_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 25_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n25_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
Back	1g SAR (W/kg)			0.434	0.461	0.435	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.461
				0+1+2+8 Summed SAR	0+1+2+11 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
GSM1900_Ant 0 T00	0.640	0.157	0.142	1.343	1.400	1.364	1.301	1.320	1.352	1.443	1.297	1.279	1.317	1.278	1.485	1.297	1.390
WCDMA V_Ant 1 T01	0.480	0.157	0.142	1.193	1.250	1.214	1.151	1.170	1.202	1.293	1.147	1.129	1.167	1.128	1.335	1.147	1.240
LTE Band 12_Ant 1 T01	0.361	0.157	0.142	1.054	1.111	1.075	1.012	1.031	1.063	1.154	1.008	0.990	1.028	0.989	1.196	1.008	1.101
LTE Band 13_Ant 1 T01	0.616	0.157	0.142	1.210	1.275	1.238	1.176	1.195	1.227	1.318	1.172	1.154	1.192	1.153	1.360	1.172	1.265
LTE Band 14_Ant 1 T01	0.593	0.157	0.142	1.223	1.280	1.244	1.181	1.200	1.232	1.323	1.177	1.159	1.197	1.158	1.365	1.177	1.270
LTE Band 25_Ant 1 Sub T00	0.662	0.157	0.142	1.545	1.602	1.566	1.503	1.522	1.554	1.645	1.488	1.461	1.519	1.480	1.687	1.488	1.582
LTE Band 25_Ant 1 T00	0.457	0.157	0.142	1.130	1.177	1.141	1.078	1.097	1.129	1.220	1.074	1.056	1.094	1.055	1.262	1.074	1.167
LTE Band 26_Ant 1 Sub T00	0.602	0.157	0.142	1.535	1.592	1.556	1.493	1.512	1.544	1.635	1.488	1.471	1.509	1.470	1.677	1.488	1.582
LTE Band 30_Ant 1 T00	0.299	0.157	0.142	0.992	1.049	1.013	0.950	0.969	1.001	1.092	0.946	0.928	0.966	0.927	1.134	0.946	1.039
FR1 n41_Ant 1 T00	0.420	0.157	0.142	1.125	1.182	1.146	1.083	1.102	1.134	1.225	1.079	1.061	1.099	1.060	1.267	1.079	1.172
FR1 n7_Ant 1 T01	0.503	0.157	0.142	1.236	1.293	1.257	1.194	1.213	1.245	1.336	1.190	1.172	1.210	1.171	1.378	1.190	1.283
FR1 n25_Ant 1 Sub T00	0.738	0.157	0.142	1.439	1.506	1.470	1.407	1.426	1.458	1.549	1.403	1.385	1.423	1.384	1.591	1.403	1.495
FR1 n30_Ant 1 T00	0.555	0.157	0.142	1.127	1.186	1.148	1.085	1.104	1.136	1.227	1.081	1.063	1.101	1.062	1.269	1.081	1.174
FR1 n41_Ant 1 Sub T00	0.764	0.157	0.142	1.487	1.524	1.488	1.425	1.444	1.476	1.567	1.421	1.403	1.441	1.402	1.609	1.421	1.514
FR1 n48_Ant 1 Sub T01	0.343	0.157	0.142	1.046	1.102	1.067	1.004	1.023	1.055	1.146	1.000	0.982	1.020	0.981	1.188	1.000	1.093
FR1 n66_Ant 1 Sub T00	0.722	0.157	0.142	1.435	1.492	1.446	1.383	1.402	1.434	1.525	1.379	1.361	1.399	1.360	1.567	1.379	1.472
FR1 n71_Ant 1 T01	0.366	0.157	0.142	1.038	1.106	1.070	1.007	1.026	1.058	1.149	1.003	0.985	1.023	0.984	1.191	1.003	1.094
FR1 n77_Ant 1 Sub T00	0.555	0.157	0.142	1.018	1.075	1.039	0.976	0.995	1.027	1.118	0.972	0.954	0.992	0.953	1.160	0.972	1.065

SAR peak location (mm)				0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			X (mm)	14	11.3		66.1	64.1	-67.2	-69	-41.1	-52.5	-67.5	-62.5	-66.5	-42.9	61	67.5	-41.2	-62.9
			Y (mm)	-81.5	-44.7		-90.8	-89.8	-99	-97	-98.1	-99	-93.5	-99	-93	-93.5	67	-44.5	-93.5	-96.9
			Z (mm)	-207	-207		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5GHz Ant 0+3	GSM1900_Ant 2 T00	WCDMA II_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 25_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n25_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
			Back	1g SAR (W/kg)			0.434	0.461	0.435	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.461
							0+1+2+8 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results
4.6	58.1	-207	GSM1900_Ant 0 T00	0.640	0.157	0.142														
4.1	56.8	-207	WCDMA V_Ant 1 T01	0.480	0.157	0.142														
9	56.8	-207	LTE Band 12_Ant 1 T01	0.361	0.157	0.142														
9.3	53.8	-207	LTE Band 13_Ant 1 T01	0.616	0.157	0.142														
2.8	56.1	-207	LTE Band 14_Ant 1 T01	0.593	0.157	0.142														
1.9	79.6	-207	LTE Band 25_Ant 1 Sub T00	0.662	0.157	0.142		0.02						0.02				0.02		
1.9	59.1	-207	LTE Band 26_Ant 1 T00	0.457	0.157	0.142														
2.4	79.9	-207	LTE Band 30_Ant 1 Sub T00	0.602	0.157	0.142								0.02				0.02		
6.1	55.8	-207	LTE Band 41_Ant 1 T00	0.299	0.157	0.142														
3.6	58.1	-207	FR1 n41_Ant 1 T00	0.420	0.157	0.142														
6.3	58.1	-207	FR1 n7_Ant 1 T01	0.503	0.157	0.142														
3.9	79.6	-207	FR1 n25_Ant 1 Sub T00	0.738	0.157	0.142														
1.3	59.6	-207	FR1 n30_Ant 1 T00	0.555	0.157	0.142													

<Case 32>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 0+3	WLAN5GHz Ant 0+3	GSM1900_Ant 2 T00	WCDMA V_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 38_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n38_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
Back	1g SAR (W/kg)			0.434	0.461	0.425	0.362	0.361	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM850_Ant 1 T41	0.640	0.145	0.142	1.210	1.260	1.252	1.209	1.208	1.140	1.431	1.285	1.267	1.155	1.156	1.473	1.266	1.378
WCDMA V_Ant 1 T41	0.490	0.145	0.142	1.161	1.228	1.202	1.139	1.158	1.190	1.261	1.115	1.117	1.155	1.116	1.323	1.115	1.239
LTE Band 12_Ant 1 T41	0.351	0.145	0.142	1.042	1.099	1.063	1.000	1.019	1.051	1.142	0.996	0.979	1.016	0.977	1.186	0.996	1.069
LTE Band 13_Ant 1 T41	0.515	0.145	0.142	1.236	1.263	1.237	1.161	1.162	1.215	1.328	1.160	1.162	1.158	1.141	1.348	1.160	1.253
LTE Band 14_Ant 1 T41	0.520	0.145	0.142	1.211	1.268	1.232	1.169	1.168	1.220	1.311	1.166	1.147	1.165	1.135	1.353	1.166	1.258
LTE Band 25_Ant 1 Sub T00	0.842	0.145	0.142	1.532	1.590	1.554	1.491	1.510	1.542	1.603	1.487	1.469	1.507	1.468	1.675	1.487	1.580
LTE Band 26_Ant 1 T00	0.417	0.145	0.142	1.139	1.161	1.128	1.066	1.085	1.117	1.238	1.062	1.044	1.082	1.043	1.260	1.062	1.155
LTE Band 66_Ant 1 Sub T00	0.832	0.145	0.142	1.523	1.580	1.544	1.481	1.500	1.532	1.602	1.477	1.459	1.497	1.458	1.664	1.477	1.570
LTE Band 71_Ant 1 T00	0.388	0.145	0.142	0.980	1.037	1.001	0.934	0.957	0.989	1.060	0.934	0.916	0.954	0.915	1.132	0.934	1.027
FR1 n2_Ant 1 T41	0.422	0.145	0.142	1.113	1.170	1.134	1.071	1.090	1.122	1.213	1.067	1.049	1.087	1.048	1.291	1.067	1.160
FR1 n5_Ant 1 T41	0.533	0.145	0.142	1.214	1.261	1.235	1.162	1.201	1.233	1.326	1.178	1.160	1.198	1.159	1.366	1.178	1.271
FR1 n25_Ant 1 Sub T00	0.796	0.145	0.142	1.427	1.484	1.454	1.391	1.414	1.446	1.537	1.391	1.373	1.411	1.372	1.579	1.391	1.484
FR1 n26_Ant 1 T41	0.424	0.145	0.142	1.115	1.172	1.136	1.073	1.092	1.124	1.215	1.068	1.051	1.089	1.050	1.257	1.068	1.162
FR1 n41_Ant 1 Sub T00	0.764	0.145	0.142	1.455	1.512	1.476	1.413	1.432	1.464	1.555	1.429	1.391	1.429	1.390	1.597	1.429	1.502
FR1 n66_Ant 1 Sub T00	0.163	0.145	0.142	1.014	1.064	1.026	0.963	1.011	1.043	1.116	0.988	0.973	1.008	0.969	1.176	0.988	1.061
FR1 n70_Ant 1 T41	0.732	0.145	0.142	1.413	1.470	1.434	1.371	1.392	1.422	1.513	1.367	1.349	1.387	1.348	1.555	1.367	1.460
FR1 n71_Ant 1 T41	0.348	0.145	0.142	1.037	1.094	1.058	0.995	1.014	1.046	1.107	0.991	0.973	1.011	0.972	1.179	0.991	1.084
FR1 n77_Ant 1 Sub T00	0.315	0.145	0.142	1.006	1.063	1.027	0.964	0.983	1.015	1.106	0.960	0.942	0.980	0.941	1.148	0.960	1.053

SAR peak location (mm)			X (mm)	18	11.3	68.1	63.1	-67.2	68	46.1	62.6	67.5	-42.5	66.5	42.9	61	67.6	45.2	62.9
			Y (mm)	38	61.7	69.9	69.9	66	42	66.1	68	65.5	56	49	56.6	67	64.6	64.5	66.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
			Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR	WLAN2.4GHz Ant 0+3	WLAN5GHz Ant 0+3	GSM1900_Ant 2 T00	WCDMA V_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 38_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n38_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
X (mm)	Y (mm)	Z (mm)	Back	1g SAR (W/kg)		0.434	0.461	0.425	0.362	0.361	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
4.6	58.1	-207	GSM850_Ant 1 T41	0.640	0.145	0.142													
4.1	59.8	-207	WCDMA V_Ant 1 T41	0.490	0.145	0.142													
4	58.8	-207	LTE Band 12_Ant 1 T41	0.351	0.145	0.142													
6.3	53.8	-207	LTE Band 13_Ant 1 T41	0.515	0.145	0.142													
2.9	59.3	-207	LTE Band 14_Ant 1 T41	0.520	0.145	0.142													
1.9	79.6	-207	LTE Band 25_Ant 1 Sub T00	0.842	0.145	0.142							0.02				0.02		
1.9	58.1	-207	LTE Band 26_Ant 1 T41	0.417	0.145	0.142													
0.4	75.9	-207	LTE Band 66_Ant 1 Sub T00	0.832	0.145	0.142							0.02				0.02		
3.1	59.8	-207	LTE Band 71_Ant 1 T00	0.388	0.145	0.142													
3.6	58.1	-207	FR1 n2_Ant 1 T41	0.422	0.145	0.142													
0.3	58.1	-207	FR1 n5_Ant 1 T41	0.533	0.145	0.142													
0.9	79.6	-207	FR1 n25_Ant 1 Sub T00	0.796	0.145	0.142													
1.3	59.6	-207	FR1 n26_Ant 1 T41	0.424	0.145	0.142													
-5	77	-207	FR1 n41_Ant 1 Sub T00	0.764	0.145	0.142											0.02		
35.5	86	-207	FR1 n66_Ant 1 Sub T00	0.163	0.145	0.142													
3.6	79.9	-207	FR1 n70_Ant 1 T41	0.732	0.145	0.142													
4.1	58.1	-207	FR1 n71_Ant 1 T41	0.348	0.145	0.142													
34.5	85	-207	FR1 n77_Ant 1 Sub T00	0.315	0.145	0.142													

<Case 33>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 3	GSM1900_Ant 2 T00	WCDMA V_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 38_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n38_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
Back	1g SAR (W/kg)			0.434	0.461	0.425	0.362	0.361	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM850_Ant 1 T41	0.640	0.142	0.210	1.396	1.463	1.417	1.314	1.373	1.435	1.496	1.393	1.312	1.270	1.231	1.538	1.392	1.443
WCDMA V_Ant 1 T41	0.490	0.142	0.210	1.246	1.303	1.267	1.204	1.223	1.255	1.316	1.200	1.192	1.230	1.191	1.388	1.200	1.293
LTE Band 12_Ant 1 T41	0.351	0.142	0.210	1.107	1.166	1.128	1.065	1.084	1.116	1.207	1.061	1.043	1.081	1.042	1.249	1.061	1.154
LTE Band 13_Ant 1 T41	0.515	0.142	0.210	1.271	1.328	1.292	1.219	1.248	1.280	1.371	1.225	1.207	1.245	1.206	1.413	1.225	1.318
LTE Band 14_Ant 1 T41	0.520	0.142	0.210	1.276	1.333	1.297	1.234	1.253	1.285	1.376	1.230	1.212	1.250	1.211	1.418	1.230	1.323
LTE Band 25_Ant 1 Sub T00	0.842	0.142	0.210	1.590	1.655	1.619	1.556	1.575	1.607	1.668	1.552	1.534	1.572	1.533	1.740	1.552	1.645
LTE Band 26_Ant 1 T00	0.417	0.142	0.210	1.172	1.230	1.194	1.131	1.150	1.182	1.273	1.127	1.109	1.147	1.108	1.321	1.127	1.220
LTE Band 66_Ant 1 Sub T00	0.832	0.142	0.210	1.580	1.645	1.609	1.546	1.565	1.597	1.658	1.542	1.524	1.562	1.523	1.732	1.542	1.635
LTE Band 71_Ant 1 T00	0.388	0.142	0.210	1.045	1.102	1.066	1.003	1.022	1.054	1.126	0.998	0.981	1.018	0.980	1.187	0.998	1.092
FR1 n2_Ant 1 T41	0.422	0.142	0.210	1.178	1.235	1.199	1.136	1.155	1.187	1.278	1.132	1.114	1.152	1.113	1.330	1.132	1.225
FR1 n5_Ant 1 T41	0.533	0.142	0.210	1.289	1.346	1.310	1.247	1.266	1.298	1.389	1.243	1.225	1.263	1.224	1.431	1.243	1.336
FR1 n25_Ant 1 Sub T00	0.796	0.142	0.210	1.552	1.559	1.523	1.460	1.479	1.511	1.572	1.456	1.438	1.476	1.437	1.644	1.456	1.549
FR1 n26_Ant 1 T41	0.424	0.142	0.210	1.180	1.237	1.201	1.139	1.157	1.189	1.280	1.134	1.116	1.154	1.115	1.322	1.134	1.227
FR1 n41_Ant 1 Sub T00	0.764	0.142	0.210	1.520	1.577	1.541	1.478	1.497	1.530	1.593	1.474	1.456	1.494	1.455	1.662	1.474	1.567
FR1 n66_Ant 1 Sub T00	0.163	0.142	0.210	1.099	1.156	1.120	1.057	1.076	1.108	1.169	1.053	1.035	1.073	1.034	1.241	1.053	1.146
FR1 n70_Ant 1 T41	0.732	0.142	0.210	1.479	1.535	1.499	1.436	1.455	1.487	1.578	1.432	1.414	1.452	1.413	1.620	1.432	1.525
FR1 n71_Ant 1 T41	0.348	0.142	0.210	1.132	1.189	1.153	1.090	1.079	1.111	1.202	1.086	1.069	1.076	1.037	1.244	1.086	1.149
FR1 n77_Ant 1 Sub T00	0.315	0.142	0.210	1.071	1.128	1.092	1.029	1.048	1.080	1.171	1.025	1.007	1.045	1.006	1.213	1.025	1.118

SAR peak location (mm)			X (mm)	11.3	12	68.1	63.1	-67.2	68	46.1	62.6	67.5	-42.5	66.5	42.9	61	67.6	45.2	62.9
			Y (mm)	61.7	53.5	69.9	69.9	66	42	66.1	68	65.5	56	49	56.6	67	64.6	64.5	66.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
			Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 3	GSM1900_Ant 2 T00	WCDMA V_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 38_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n38_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
X (mm)	Y (mm)	Z (mm)	Back	1g SAR (W/kg)		0.434	0.461	0.425	0.362	0.361	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
4.6	58.1	-207	GSM850_Ant 1 T41	0.640	0.142	0.210													
4.1	59.8	-207	WCDMA V_Ant 1 T41	0.490	0.142	0.210													
4	58.8	-207	LTE Band 12_Ant 1 T41	0.351	0.142	0.210													
6.3	53.8	-207	LTE Band 13_Ant 1 T41	0.515	0.142	0.210													
2.9	59.3	-207	LTE Band 14_Ant 1 T41	0.520	0.142	0.210													
1.9	79.6	-207	LTE Band 25_Ant 1 Sub T00	0.842	0.142	0.210		0.02	0.02	0.02			0.02	0.02			0.02		0.02
1.9	58.1	-207	LTE Band 26_Ant 1 T41	0.417	0.142	0.210													
0.4	75.9	-207	LTE Band 66_Ant 1 Sub T00	0.832	0.142	0.210		0.02	0.02	0.02			0.02	0.02			0.02		0.02
3.1	59.8	-207	LTE Band 71_Ant 1 T00	0.388	0.142	0.210													
3.6	58.1	-207	FR1 n2_Ant 1 T41	0.422	0.142	0.210													
0.3	58.1	-207	FR1 n5_Ant 1 T41	0.533	0.142	0.210													
0.9	79.6	-207	FR1 n25_Ant 1 Sub T00	0.796	0.142	0.210							0.02				0.02		
1.3	59.6	-207	FR1 n26_Ant 1 T41	0.424	0.142	0.210													
-5	77	-207	FR1 n41_Ant 1 Sub T00	0.764	0.142	0.210							0.02				0.02		
35.5	86	-207	FR1 n66_Ant 1 Sub T00	0.163	0.142	0.210													
3.6	79.9	-207	FR1 n70_Ant 1 T41	0.732	0.142	0.210													
4.1	58.1	-207	FR1 n71_Ant 1 T41	0.348	0.142	0.210													
34.5	85	-207	FR1 n77_Ant 1 Sub T00	0.315	0.142	0.210													

<Case 34>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 4	GSM1900_Ant 2 T00	WCDMA V_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 38_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n38_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
Back	1g SAR (W/kg)			0.434	0.461	0.425	0.362	0.361	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM850_Ant 1 T41	0.640	0.142	0.094	1.380	1.427	1.401	1.299	1.357	1.399	1.460	1.334	1.314	1.354	1.315	1.522	1.334	1.427
WCDMA V_Ant 1 T41	0.490	0.142	0.094	1.230	1.267	1.251	1.188	1.207	1.239	1.330	1.184	1.166	1.204	1.165	1.372	1.184	1.277
LTE Band 12_Ant 1 T41	0.351	0.142	0.094	1.091	1.148	1.112	1.049	1.068	1.100	1.191	1.045	1.027	1.065	1.026	1.233	1.045	1.138
LTE Band 13_Ant 1 T41	0.515	0.142	0.094	1.255	1.312	1.276	1.213	1.232	1.264	1.355	1.209	1.191	1.229	1.190	1.397	1.209	1.302
LTE Band 14_Ant 1 T41	0.520	0.142	0.094	1.260	1.317	1.281	1.218	1.237	1.269	1.360	1.214	1.196	1.234	1.195	1.402	1.214	1.307
LTE Band 25_Ant 1 Sub T00	0.842	0.142	0.094	1.582	1.639	1.603	1.540	1.559	1.591	1.652	1.536	1.518	1.556	1.517	1.724	1.536	1.629
LTE Band 26_Ant 1 T00	0.417	0.142	0.094	1.167	1.214	1.178	1.115	1.134	1.166	1.257	1.111	1.093	1.131	1.092	1.299	1.111	1.204
LTE Band 66_Ant 1 Sub T00	0.832	0.142	0.094	1.572	1.629	1.593	1.530	1.549	1.581	1.642	1.526	1.508	1.546	1.507	1.714	1.526	1.619
LTE Band 71_Ant 1 T00	0.388	0.142	0.094	1.029	1.086	1.050	0.987	1.006	1.038	1.110	0.983	0.965	1.003	0.964	1.171	0.982	1.076
FR1 n2_Ant 1 T41	0.422	0.142	0.094	1.162	1.219	1.183	1.120	1.139	1.171	1.262	1.116	1.098	1.136	1.097	1.304	1.116	1.209
FR1 n5_Ant 1 T41	0.533	0.142	0.094	1.273	1.330	1.294	1.231	1.250	1.282	1.373	1.227	1.209	1.247	1.208	1.415	1.227	1.320
FR1 n25_Ant 1 Sub T00	0.796	0.142	0.094	1.496	1.543	1.507	1.444	1.463	1.495	1.556	1.440	1.422	1.460	1.421	1.628	1.440	1.533
FR1 n26_Ant 1 T41	0.424	0.142	0.094	1.164	1.221	1.185	1.122	1.141	1.173	1.264	1.118	1.100	1.138	1.099	1.306	1.118	1.211
FR1 n41_Ant 1 Sub T00	0.764	0.142	0.094	1.524	1.581	1.545	1.482	1.501	1.533	1.594	1.478	1.460	1.478	1.459	1.666	1.478	1.571
FR1 n66_Ant 1 Sub T00	0.163	0.142	0.094	1.081	1.140	1.104	1.041	1.060	1.092	1.153	1.037	1.019	1.057	1.018	1.225	1.037	1.130
FR1 n70_Ant 1 T41	0.732	0.142	0.094	1.462	1.519	1.483	1.420	1.439	1.471	1.562	1.416	1.398	1.436	1.397	1.601	1.416	1.509
FR1 n71_Ant 1 T41	0.348	0.142	0.094	1.086	1.143	1.107	1.044	1.063	1.095	1.186	1.040	1.022	1.060	1.021	1.228	1.040	1.133
FR1 n77_Ant 1 Sub T00	0.315	0.142	0.094	1.055	1.112	1.076	1.013	1.032	1.064	1.155	1.008	0.991	1.029	0.990	1.197	1.008	1.102

SAR peak location (mm)			X (mm)	11.3	68.6	68.1	63.1	-67.2	68	46.1	62.6	67.5	-42.5	66.5	42.9	61	67.6	45.2	62.9
			Y (mm)	61.7	51.5	69.9	69.9	66	42	66.1	68	65.5	56	49	56.6	67	64.6	64.5	66.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
			Exposure Position	0	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 3	GSM1900_Ant 2 T00	WCDMA V_Ant 2 T00	WCDMA IV_Ant 2 T00	LTE Band 7_Ant 2 T00	LTE Band 38_Ant 2 T00	LTE Band 30_Ant 2 T00	LTE Band 41_Ant 2 T00	LTE Band 66_Ant 2 T00	FR1 n7_Ant 2 T00	FR1 n38_Ant 2 T00	FR1 n30_Ant 2 T00	FR1 n41_Ant 2 T00	FR1 n66_Ant 2 T00	FR1 n70_Ant 2 T00
X (mm)	Y (mm)	Z (mm)	Back	1g SAR (W/kg)		0.434	0.461	0.425	0.362	0.361	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
4.6	58.1	-207	GSM850_Ant 1 T41	0.640	0.142	0.094													
4.1	59.8	-207	WCDMA V_Ant 1 T41	0.490	0.142	0.094													
4	58.8	-207	LTE Band 12_Ant 1 T41	0.351	0.142	0.094													
6.3	53.8	-207	LTE Band 13_Ant 1 T41	0.515	0.142	0.094													
2.9	59.3	-207	LTE Band 14_Ant 1 T41	0.520	0.142	0.094													
1.9	79.6	-207	LTE Band 25_Ant 1 Sub T00	0.842	0.142	0.094		0.02	0.02	0.02			0.02				0.02		0.02
1.9	58.1	-207	LTE Band 26_Ant 1 T41	0.417	0.142	0.094													
0.4	75.9	-207	LTE Band 66_Ant 1 Sub T00	0.832	0.142	0.094		0.02					0.02				0.02		
3.1	59.8	-207	LTE Band 71_Ant 1 T00	0.388	0.142	0.094													
3.6	58.1	-207	FR1 n2_Ant 1 T41	0.422	0.142	0.094													
0.3	58.1	-207	FR1 n5_Ant 1 T41	0.533	0.142	0.094													
0.9	79.6	-207	FR1 n25_Ant 1 Sub T00	0.796	0.142	0.094							0.02				0.02		
1.3	59.6	-207	FR1 n26_Ant 1 T41	0.424	0.142	0.094													
-5	77	-207	FR1 n41_Ant 1 Sub T00	0.764	0.142	0.094							0.02				0.02		
35.5	86	-207	FR1 n66_Ant 1 Sub T00	0.163	0.142	0.094													
3.6	79.9	-207	FR1 n70_Ant 1 T41	0.732	0.142	0.094													
4.1	58.1	-207	FR1 n71_Ant 1 T41	0.348	0.142	0.094													
34.5	85	-207	FR1 n77_Ant 1 Sub T00	0.315	0.142	0.094													

<Case 35>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5G/5GHz Ant 0+3	Bluetooth Ant 0+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.434 0+2+7+9 Summed SAR	0.461 0+2+7+10 Summed SAR	0.435 0+2+7+11 Summed SAR	0.362 0+2+7+12 Summed SAR	0.361 0+2+7+13 Summed SAR	0.413 0+2+7+14 Summed SAR	0.504 0+2+7+15 Summed SAR	0.358 0+2+7+16 Summed SAR	0.340 0+2+7+17 Summed SAR	0.278 0+2+7+18 Summed SAR	0.339 0+2+7+19 Summed SAR	0.544 0+2+7+20 Summed SAR	0.358 0+2+7+21 Summed SAR	0.451 0+2+7+22 Summed SAR
GSM850_Ant 0 TX0	0.640	0.142	0.148	1.216	1.391	1.306	1.262	1.311	1.143	1.458	1.288	1.270	1.308	1.268	1.476	1.288	1.361
WCDMA V_Ant 1 TX0	0.480	0.142	0.148	1.194	1.241	1.205	1.142	1.161	1.143	1.268	1.138	1.120	1.158	1.116	1.326	1.138	1.231
LTE Band 12_Ant 1 TX0	0.351	0.142	0.148	1.045	1.102	1.066	1.003	1.012	1.054	1.145	0.998	0.981	1.018	0.980	1.187	0.998	1.052
LTE Band 13_Ant 1 TX0	0.515	0.142	0.148	1.209	1.266	1.232	1.147	1.166	1.218	1.309	1.163	1.145	1.193	1.141	1.351	1.163	1.204
LTE Band 14_Ant 1 TX0	0.520	0.142	0.148	1.214	1.271	1.235	1.172	1.191	1.222	1.314	1.168	1.150	1.198	1.146	1.356	1.168	1.261
LTE Band 26_Ant 1 Sub TX0	0.842	0.142	0.148	1.536	1.593	1.557	1.484	1.513	1.545	1.638	1.482	1.472	1.510	1.471	1.679	1.482	1.563
LTE Band 26_Ant 1 TX0	0.417	0.142	0.148	1.111	1.168	1.132	1.069	1.088	1.120	1.211	1.065	1.047	1.085	1.046	1.253	1.065	1.153
LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.148	1.526	1.583	1.547	1.484	1.503	1.535	1.625	1.480	1.462	1.500	1.461	1.665	1.480	1.573
LTE Band 71_Ant 1 TX0	0.288	0.142	0.148	0.983	1.040	1.004	0.941	0.960	0.992	1.083	0.937	0.919	0.957	0.918	1.125	0.937	1.030
FR1 n52_Ant 1 TX0	0.422	0.142	0.148	1.116	1.173	1.137	1.074	1.093	1.125	1.216	1.070	1.052	1.090	1.051	1.259	1.070	1.163
FR1 n66_Ant 1 TX0	0.533	0.142	0.148	1.227	1.284	1.248	1.185	1.204	1.236	1.327	1.181	1.163	1.201	1.162	1.369	1.181	1.274
FR1 n71_Ant 1 Sub TX0	0.798	0.142	0.148	1.439	1.497	1.461	1.388	1.417	1.449	1.540	1.384	1.376	1.414	1.375	1.582	1.384	1.467
FR1 n78_Ant 1 TX0	0.434	0.142	0.148	1.138	1.175	1.138	1.076	1.095	1.127	1.218	1.072	1.054	1.092	1.053	1.260	1.072	1.165
FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.148	1.458	1.515	1.479	1.416	1.435	1.467	1.558	1.412	1.394	1.432	1.393	1.603	1.412	1.505
FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.148	1.037	1.094	1.058	0.995	1.014	1.046	1.137	0.991	0.973	1.011	0.972	1.179	0.991	1.084
FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.148	1.416	1.473	1.437	1.374	1.393	1.425	1.516	1.370	1.352	1.390	1.351	1.558	1.370	1.463
FR1 n70_Ant 1 TX0	0.348	0.142	0.148	1.040	1.097	1.061	0.999	1.017	1.049	1.140	0.994	0.976	1.014	0.975	1.182	0.994	1.087
FR1 n77_Ant 1 Sub TX0	0.155	0.142	0.148	1.009	1.066	1.030	0.967	0.986	1.018	1.109	0.963	0.945	0.983	0.944	1.151	0.963	1.056

SAR peak location (mm)			X (mm)	11.5	12	-66.1	-64.1	-62.2	-69	-61.1	-62.5	-67.5	-62.5	-66.6	-62.9	-51	-67.5	-61.2	-62.9
			Y (mm)	-16.7	37.5	-92.8	-93.8	-98	-42	-96.1	-95	-93.5	-98	-43	-93.6	-67	-43.5	-96.5	-96.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	9	3	8	5	10	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR	WLAN5G/5GHz Ant 0+3	Bluetooth Ant 0+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.434 0+2+7+9 SPLSR Results	0.461 0+2+7+10 SPLSR Results	0.435 0+2+7+11 SPLSR Results	0.362 0+2+7+12 SPLSR Results	0.361 0+2+7+13 SPLSR Results	0.413 0+2+7+14 SPLSR Results	0.504 0+2+7+15 SPLSR Results	0.358 0+2+7+16 SPLSR Results	0.340 0+2+7+17 SPLSR Results	0.278 0+2+7+18 SPLSR Results	0.339 0+2+7+19 SPLSR Results	0.544 0+2+7+20 SPLSR Results	0.358 0+2+7+21 SPLSR Results	0.451 0+2+7+22 SPLSR Results
4.6	58.1	-207	GSM850_Ant 0 TX0	0.640	0.142	0.148													
4.1	59.8	-207	WCDMA V_Ant 1 TX0	0.480	0.142	0.148													
8	56.9	-207	LTE Band 12_Ant 1 TX0	0.351	0.142	0.148													
8.3	53.8	-207	LTE Band 13_Ant 1 TX0	0.515	0.142	0.148													
2.8	58.1	-207	LTE Band 14_Ant 1 TX0	0.520	0.142	0.148													
1.9	78.4	-207	LTE Band 26_Ant 1 Sub TX0	0.842	0.142	0.148						0.02					0.02		
1.9	58.1	-207	LTE Band 26_Ant 1 TX0	0.417	0.142	0.148													
2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.148						0.02					0.02		
6.1	55.8	-207	LTE Band 71_Ant 1 TX0	0.288	0.142	0.148													
3.4	58.1	-207	FR1 n52_Ant 1 TX0	0.422	0.142	0.148													
6.3	58.1	-207	FR1 n66_Ant 1 TX0	0.533	0.142	0.148													
3.9	78.4	-207	FR1 n71_Ant 1 Sub TX0	0.798	0.142	0.148													
1.9	58.6	-207	FR1 n78_Ant 1 TX0	0.434	0.142	0.148													
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.148						0.02					0.02		
-16.5	90	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.148													
3.6	75.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.148													
4.1	58.1	-207	FR1 n70_Ant 1 TX0	0.348	0.142	0.148													
14.5	86	-207	FR1 n77_Ant 1 Sub TX0	0.155	0.142	0.148													

<Case 36>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5G/5GHz Ant 0+3	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.434 0+2+7+9 Summed SAR	0.461 0+2+7+10 Summed SAR	0.435 0+2+7+11 Summed SAR	0.362 0+2+7+12 Summed SAR	0.361 0+2+7+13 Summed SAR	0.413 0+2+7+14 Summed SAR	0.504 0+2+7+15 Summed SAR	0.358 0+2+7+16 Summed SAR	0.340 0+2+7+17 Summed SAR	0.278 0+2+7+18 Summed SAR	0.339 0+2+7+19 Summed SAR	0.544 0+2+7+20 Summed SAR	0.358 0+2+7+21 Summed SAR	0.451 0+2+7+22 Summed SAR
GSM850_Ant 0 TX0	0.640	0.142	0.187	1.073	1.430	1.394	1.311	1.350	1.382	1.473	1.327	1.309	1.347	1.308	1.515	1.327	1.420
WCDMA V_Ant 1 TX0	0.480	0.142	0.187	1.215	1.280	1.244	1.181	1.200	1.232	1.323	1.177	1.159	1.197	1.158	1.366	1.177	1.270
LTE Band 12_Ant 1 TX0	0.351	0.142	0.187	1.094	1.141	1.105	1.042	1.061	1.093	1.186	1.038	1.020	1.058	1.019	1.226	1.038	1.131
LTE Band 13_Ant 1 TX0	0.515	0.142	0.187	1.248	1.305	1.268	1.206	1.225	1.257	1.348	1.202	1.184	1.222	1.183	1.390	1.202	1.265
LTE Band 14_Ant 1 TX0	0.520	0.142	0.187	1.253	1.310	1.274	1.211	1.230	1.262	1.353	1.207	1.189	1.227	1.188	1.395	1.207	1.300
LTE Band 26_Ant 1 Sub TX0	0.842	0.142	0.187	1.576	1.633	1.596	1.523	1.552	1.584	1.679	1.528	1.511	1.549	1.510	1.717	1.528	1.602
LTE Band 26_Ant 1 TX0	0.417	0.142	0.187	1.150	1.207	1.171	1.108	1.127	1.159	1.250	1.104	1.086	1.124	1.085	1.292	1.104	1.197
LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.187	1.565	1.622	1.586	1.523	1.542	1.574	1.665	1.519	1.501	1.539	1.500	1.707	1.519	1.613
LTE Band 71_Ant 1 TX0	0.288	0.142	0.187	1.022	1.079	1.043	0.980	0.999	1.031	1.122	0.976	0.958	0.996	0.957	1.164	0.976	1.069
FR1 n52_Ant 1 TX0	0.422	0.142	0.187	1.155	1.212	1.176	1.113	1.132	1.164	1.255	1.109	1.091	1.129	1.090	1.297	1.109	1.202
FR1 n66_Ant 1 TX0	0.533	0.142	0.187	1.266	1.323	1.287	1.224	1.243	1.275	1.366	1.220	1.202	1.240	1.201	1.409	1.220	1.313
FR1 n71_Ant 1 Sub TX0	0.798	0.142	0.187	1.479	1.536	1.500	1.427	1.456	1.488	1.579	1.423	1.415	1.453	1.414	1.621	1.423	1.505
FR1 n78_Ant 1 TX0	0.434	0.142	0.187	1.177	1.214	1.178	1.115	1.134	1.166	1.257	1.111	1.093	1.131	1.092	1.299	1.111	1.204
FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.187	1.497	1.554	1.518	1.455	1.474	1.506	1.597	1.451	1.433	1.471	1.432	1.639	1.451	1.544
FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.187	1.076	1.133	1.097	1.034	1.053	1.085	1.176	1.030	1.012	1.050	1.011	1.218	1.030	1.123
FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.187	1.455	1.512	1.476	1.413	1.432	1.464	1.555	1.409	1.391	1.429	1.390	1.597	1.409	1.502
FR1 n70_Ant 1 TX0	0.348	0.142	0.187	1.078	1.136	1.100	1.037	1.056	1.088	1.179	1.033	1.015	1.053	1.014	1.221	1.033	1.124
FR1 n77_Ant 1 Sub TX0	0.155	0.142	0.187	1.048	1.105	1.069	1.006	1.025	1.057	1.148	1.002	0.984	1.022	0.983	1.190	1.002	1.085

SAR peak location (mm)			X (mm)	11.5	17	-66.1	-64.1	-62.2	-69	-61.1	-62.5	-67.5	-62.5	-66.6	-62.9	-51	-67.5	-61.2	-62.9
			Y (mm)	-16.7	35	-92.8	-93.8	-98	-42	-96.1	-95	-93.5	-98	-43	-93.6	-67	-43.5	-96.5	-96.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	9	3	8	5	10	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR	WLAN5G/5GHz Ant 0+3	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.434 0+2+7+9 SPLSR Results	0.461 0+2+7+10 SPLSR Results	0.435 0+2+7+11 SPLSR Results	0.362 0+2+7+12 SPLSR Results	0.361 0+2+7+13 SPLSR Results	0.413 0+2+7+14 SPLSR Results	0.504 0+2+7+15 SPLSR Results	0.358 0+2+7+16 SPLSR Results	0.340 0+2+7+17 SPLSR Results	0.278 0+2+7+18 SPLSR Results	0.339 0+2+7+19 SPLSR Results	0.544 0+2+7+20 SPLSR Results	0.358 0+2+7+21 SPLSR Results	0.451 0+2+7+22 SPLSR Results
4.6	58.1	-207	GSM850_Ant 0 TX0	0.640	0.142	0.187													
4.1	59.8	-207	WCDMA V_Ant 1 TX0	0.480	0.142	0.187													
8	56.9	-207	LTE Band 12_Ant 1 TX0	0.351	0.142	0.187													
8.3	53.8	-207	LTE Band 13_Ant 1 TX0	0.515	0.142	0.187													
2.8	58.1	-207	LTE Band 14_Ant 1 TX0	0.520	0.142	0.187													
1.9	78.4	-207	LTE Band 26_Ant 1 Sub TX0	0.842	0.142	0.187		0.02	0.02				0.02				0.02		0.02
1.9	58.1	-207	LTE Band 26_Ant 1 TX0	0.417	0.142	0.187													
2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.187		0.02					0.02				0.02		0.02
6.1	55.8	-207	LTE Band 71_Ant 1 TX0	0.288	0.142	0.187													
3.4	58.1	-207	FR1 n52_Ant 1 TX0	0.422	0.142	0.187													
6.3	58.1	-207	FR1 n66_Ant 1 TX0	0.533	0.142	0.187													
3.9	78.4	-207	FR1 n71_Ant 1 Sub TX0	0.798	0.142	0.187											0.02		
1.9	58.6	-207	FR1 n78_Ant 1 TX0	0.434	0.142	0.187													
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.187						0.02					0.02		
-16.5	90	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.187													
3.6	75.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.187											0.02		
4.1	58.1	-207	FR1 n70_Ant 1 TX0	0.348	0.142	0.187													
14.5	86	-207	FR1 n77_Ant 1 Sub TX0	0.155	0.142	0.187													

<Case 37>

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)			0.317	0.341	0.485
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.157	0.142	1.256	1.280	1.424
WCDMA V_Ant 1 TX1	0.490	0.157	0.142	1.106	1.130	1.274
LTE Band 12_Ant 1 TX1	0.351	0.157	0.142	0.967	0.991	1.135
LTE Band 13_Ant 1 TX1	0.515	0.157	0.142	1.131	1.155	1.299
LTE Band 14_Ant 1 TX1	0.520	0.157	0.142	1.136	1.160	1.304
LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.142	1.458	1.482	1.626
LTE Band 26_Ant 1 TX1	0.417	0.157	0.142	1.033	1.057	1.201
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.142	1.448	1.472	1.616
LTE Band 71_Ant 1 TX1	0.289	0.157	0.142	0.905	0.929	1.073
FR1 n12_Ant 1 TX1	0.422	0.157	0.142	1.038	1.062	1.206
FR1 n14_Ant 1 TX1	0.533	0.157	0.142	1.149	1.173	1.317
FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.142	1.362	1.386	1.530
FR1 n26_Ant 1 TX1	0.424	0.157	0.142	1.040	1.064	1.208
FR1 n41_Ant 1 Sub TX0	0.764	0.157	0.142	1.380	1.404	1.548
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.142	0.959	0.983	1.127
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.142	1.338	1.362	1.506
FR1 n71_Ant 1 TX1	0.346	0.157	0.142	0.962	0.986	1.130
FR1 n77_Ant 1 Sub TX0	0.315	0.157	0.142	0.931	0.955	1.099

SAR peak location (mm)									
			X (axis)	14	11.3	12	-23	11
			Y (axis)	30.5	44.7	-57	-75.5	-47
			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)			0.317	0.341	0.485
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.157	0.142			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.157	0.142			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.157	0.142			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.157	0.142			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.157	0.142			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.142			0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.157	0.142			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.142			0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.157	0.142			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.157	0.142			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.157	0.142			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.142			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.157	0.142			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.157	0.142			
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.142			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.142			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.157	0.142			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.315	0.157	0.142			

<Case 38>

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)			0.317	0.341	0.485
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.145	0.142	1.244	1.268	1.412
WCDMA V_Ant 1 TX1	0.490	0.145	0.142	1.094	1.118	1.262
LTE Band 12_Ant 1 TX1	0.351	0.145	0.142	0.955	0.979	1.123
LTE Band 13_Ant 1 TX1	0.515	0.145	0.142	1.119	1.143	1.287
LTE Band 14_Ant 1 TX1	0.520	0.145	0.142	1.124	1.148	1.292
LTE Band 25_Ant 1 Sub TX0	0.842	0.145	0.142	1.446	1.470	1.614
LTE Band 26_Ant 1 TX1	0.417	0.145	0.142	1.021	1.045	1.189
LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.142	1.436	1.460	1.604
LTE Band 71_Ant 1 TX1	0.289	0.145	0.142	0.893	0.917	1.061
FR1 n12_Ant 1 TX1	0.422	0.145	0.142	1.026	1.050	1.194
FR1 n14_Ant 1 TX1	0.533	0.145	0.142	1.137	1.161	1.305
FR1 n25_Ant 1 Sub TX0	0.746	0.145	0.142	1.350	1.374	1.518
FR1 n26_Ant 1 TX1	0.424	0.145	0.142	1.028	1.052	1.196
FR1 n41_Ant 1 Sub TX0	0.764	0.145	0.142	1.368	1.392	1.536
FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.142	0.947	0.971	1.115
FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.142	1.326	1.350	1.494
FR1 n71_Ant 1 TX1	0.346	0.145	0.142	0.950	0.974	1.118
FR1 n77_Ant 1 Sub TX0	0.315	0.145	0.142	0.919	0.943	1.087

SAR peak location (mm)									
			X (axis)	16	11.3	12	-23	11
			Y (axis)	30	44.7	-57	-75.5	-47
			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)			0.317	0.341	0.485
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.145	0.142			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.145	0.142			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.145	0.142			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.145	0.142			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.145	0.142			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.145	0.142			0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.145	0.142			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.142			0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.145	0.142			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.145	0.142			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.145	0.142			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.145	0.142			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.145	0.142			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.145	0.142			
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.142			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.142			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.145	0.142			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.315	0.145	0.142			

<Case 39>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.485
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.142	0.210	1.309	1.333	1.477
WCDMA V_Ant 1 TX1	0.490	0.142	0.210	1.159	1.183	1.327
LTE Band 12_Ant 1 TX1	0.351	0.142	0.210	1.020	1.044	1.188
LTE Band 13_Ant 1 TX1	0.515	0.142	0.210	1.184	1.208	1.352
LTE Band 14_Ant 1 TX1	0.520	0.142	0.210	1.189	1.213	1.357
LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.210	1.511	1.535	1.679
LTE Band 26_Ant 1 TX1	0.417	0.142	0.210	1.086	1.110	1.254
LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.210	1.501	1.525	1.669
LTE Band 71_Ant 1 TX1	0.289	0.142	0.210	0.958	0.982	1.126
FR1 n12_Ant 1 TX1	0.422	0.142	0.210	1.091	1.115	1.259
FR1 n14_Ant 1 TX1	0.533	0.142	0.210	1.202	1.226	1.370
FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.210	1.415	1.439	1.583
FR1 n26_Ant 1 TX1	0.424	0.142	0.210	1.093	1.117	1.261
FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.210	1.433	1.457	1.601
FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.210	1.012	1.036	1.180
FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.210	1.391	1.415	1.559
FR1 n71_Ant 1 TX1	0.346	0.142	0.210	1.015	1.039	1.183
FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.210	0.984	1.008	1.152

SAR peak location (mm)			X (axis)	11.3	11	12	-23	11
			Y (axis)	44.7	31.5	-57	-75.5	-47
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.485
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.142	0.210			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.142	0.210			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.142	0.210			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.142	0.210			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.142	0.210			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.210			0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.142	0.210			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.210			0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.142	0.210			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.142	0.210			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.142	0.210			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.210			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.142	0.210			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.210			0.03
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.210			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.210			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.142	0.210			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.210			

<Case 40>

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)			0.317	0.341	0.485
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.142	0.194	1.293	1.317	1.461
WCDMA V_Ant 1 TX1	0.490	0.142	0.194	1.143	1.167	1.311
LTE Band 12_Ant 1 TX1	0.351	0.142	0.194	1.004	1.028	1.172
LTE Band 13_Ant 1 TX1	0.515	0.142	0.194	1.168	1.192	1.336
LTE Band 14_Ant 1 TX1	0.520	0.142	0.194	1.173	1.197	1.341
LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.194	1.495	1.519	1.663
LTE Band 26_Ant 1 TX1	0.417	0.142	0.194	1.070	1.094	1.238
LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.194	1.485	1.509	1.653
LTE Band 71_Ant 1 TX1	0.289	0.142	0.194	0.942	0.966	1.110
FR1 n12_Ant 1 TX1	0.422	0.142	0.194	1.075	1.099	1.243
FR1 n14_Ant 1 TX1	0.533	0.142	0.194	1.186	1.210	1.354
FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.194	1.399	1.423	1.567
FR1 n26_Ant 1 TX1	0.424	0.142	0.194	1.077	1.101	1.245
FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.194	1.417	1.441	1.585
FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.194	0.996	1.020	1.164
FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.194	1.375	1.399	1.543
FR1 n71_Ant 1 TX1	0.346	0.142	0.194	0.999	1.023	1.167
FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.194	0.968	0.992	1.136

SAR peak location (mm)									
			X (axis)		11.3	-59.5	12	-23	11
			Y (axis)		44.7	35.5	-57	-75.5	-47
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.485
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.142	0.194			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.142	0.194			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.142	0.194			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.142	0.194			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.142	0.194			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.194			0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.142	0.194			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.194			0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.142	0.194			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.142	0.194			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.142	0.194			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.194			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.142	0.194			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.194			
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.194			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.194			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.142	0.194			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.194			

<Case 41>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.485
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.142	0.148	1.247	1.271	1.415
WCDMA V_Ant 1 TX1	0.490	0.142	0.148	1.097	1.121	1.265
LTE Band 12_Ant 1 TX1	0.351	0.142	0.148	0.958	0.982	1.126
LTE Band 13_Ant 1 TX1	0.515	0.142	0.148	1.122	1.146	1.290
LTE Band 14_Ant 1 TX1	0.520	0.142	0.148	1.127	1.151	1.295
LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.148	1.449	1.473	1.617
LTE Band 26_Ant 1 TX1	0.417	0.142	0.148	1.024	1.048	1.192
LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.148	1.439	1.463	1.607
LTE Band 71_Ant 1 TX1	0.289	0.142	0.148	0.896	0.920	1.064
FR1 n12_Ant 1 TX1	0.422	0.142	0.148	1.029	1.053	1.197
FR1 n14_Ant 1 TX1	0.533	0.142	0.148	1.140	1.164	1.308
FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.148	1.353	1.377	1.521
FR1 n26_Ant 1 TX1	0.424	0.142	0.148	1.031	1.055	1.199
FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.148	1.371	1.395	1.539
FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.148	0.950	0.974	1.118
FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.148	1.329	1.353	1.497
FR1 n71_Ant 1 TX1	0.346	0.142	0.148	0.953	0.977	1.121
FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.148	0.922	0.946	1.090

SAR peak location (mm)			X (axis)	11.3	12	12	-23	11
			Y (axis)	44.7	37.5	-57	-75.5	-47
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.485
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.142	0.148			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.142	0.148			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.142	0.148			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.142	0.148			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.142	0.148			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.148			0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.142	0.148			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.148			0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.142	0.148			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.142	0.148			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.142	0.148			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.148			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.142	0.148			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.148			
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.148			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.148			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.142	0.148			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.148			

<Case 42>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.485
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.142	0.187	1.286	1.310	1.454
WCDMA V_Ant 1 TX1	0.490	0.142	0.187	1.136	1.160	1.304
LTE Band 12_Ant 1 TX1	0.351	0.142	0.187	0.997	1.021	1.165
LTE Band 13_Ant 1 TX1	0.515	0.142	0.187	1.161	1.185	1.329
LTE Band 14_Ant 1 TX1	0.520	0.142	0.187	1.166	1.190	1.334
LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.187	1.488	1.512	1.656
LTE Band 26_Ant 1 TX1	0.417	0.142	0.187	1.063	1.087	1.231
LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.187	1.478	1.502	1.646
LTE Band 71_Ant 1 TX1	0.289	0.142	0.187	0.935	0.959	1.103
FR1 n12_Ant 1 TX1	0.422	0.142	0.187	1.068	1.092	1.236
FR1 n14_Ant 1 TX1	0.533	0.142	0.187	1.179	1.203	1.347
FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.187	1.392	1.416	1.560
FR1 n26_Ant 1 TX1	0.424	0.142	0.187	1.070	1.094	1.238
FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.187	1.410	1.434	1.578
FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.187	0.989	1.013	1.157
FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.187	1.368	1.392	1.536
FR1 n71_Ant 1 TX1	0.346	0.142	0.187	0.992	1.016	1.160
FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.187	0.961	0.985	1.129

SAR peak location (mm)			X (axis)	11.3	17	12	-23	11
			Y (axis)	44.7	33	-57	-75.5	-47
			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	Thread Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.485
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.142	0.187			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.142	0.187			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.142	0.187			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.142	0.187			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.142	0.187			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.142	0.187			0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.142	0.187			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.142	0.187			0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.142	0.187			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.142	0.187			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.142	0.187			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.142	0.187			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.142	0.187			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.764	0.142	0.187			
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.142	0.187			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.142	0.187			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.142	0.187			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.315	0.142	0.187			

<Case 43>

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)			0.421	0.452	0.694
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.353	0.242	0.260	1.276	1.307	1.549
WCDMA V_Ant 1 TX1	0.217	0.242	0.260	1.140	1.171	1.413
LTE Band 12_Ant 1 TX1	0.214	0.242	0.260	1.137	1.168	1.410
LTE Band 13_Ant 1 TX1	0.318	0.242	0.260	1.241	1.272	1.514
LTE Band 14_Ant 1 TX1	0.392	0.242	0.260	1.315	1.346	1.588
LTE Band 25_Ant 1 Sub TX0	0.278	0.242	0.260	1.201	1.232	1.474
LTE Band 26_Ant 1 TX1	0.121	0.242	0.260	1.044	1.075	1.317
LTE Band 66_Ant 1 Sub TX0	0.187	0.242	0.260	1.110	1.141	1.383
LTE Band 71_Ant 1 TX1	0.221	0.242	0.260	1.144	1.175	1.417
FR1 n12_Ant 1 TX1	0.266	0.242	0.260	1.189	1.220	1.462
FR1 n14_Ant 1 TX1	0.357	0.242	0.260	1.280	1.311	1.553
FR1 n25_Ant 1 Sub TX0	0.262	0.242	0.260	1.185	1.216	1.458
FR1 n26_Ant 1 TX1	0.104	0.242	0.260	1.027	1.058	1.300
FR1 n41_Ant 1 Sub TX0	0.081	0.242	0.260	1.004	1.035	1.277
FR1 n48_Ant 1 Sub TX0	0.483	0.242	0.260	1.406	1.437	1.679
FR1 n66_Ant 1 Sub TX0	0.264	0.242	0.260	1.187	1.218	1.460
FR1 n71_Ant 1 TX1	0.271	0.242	0.260	1.194	1.225	1.467
FR1 n77_Ant 1 Sub TX0	0.489	0.242	0.260	1.412	1.443	1.685

SAR peak location (mm)			X (axis)	-25	-24.4	-25.9	-25.7	-24.1
			Y (axis)	33.5	49.2	-58.5	-58.2	-56
			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)			0.421	0.452	0.694
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-24	-8.7	-207	GSM850_Ant 1 TX1	0.353	0.242	0.260			
-26.2	-11	-207	WCDMA V_Ant 1 TX1	0.217	0.242	0.260			
-24.9	62.5	-207	LTE Band 12_Ant 1 TX1	0.214	0.242	0.260			
-23	19	-207	LTE Band 13_Ant 1 TX1	0.318	0.242	0.260			
-24.4	10.5	-207	LTE Band 14_Ant 1 TX1	0.392	0.242	0.260			
-21.2	65.9	-207	LTE Band 25_Ant 1 Sub TX0	0.278	0.242	0.260			
-26.5	-20.8	-207	LTE Band 26_Ant 1 TX1	0.121	0.242	0.260			
-21.2	68.4	-207	LTE Band 66_Ant 1 Sub TX0	0.187	0.242	0.260			
-26.1	63	-207	LTE Band 71_Ant 1 TX1	0.221	0.242	0.260			
-25.6	62	-207	FR1 n12_Ant 1 TX1	0.266	0.242	0.260			
-25.6	11.2	-207	FR1 n14_Ant 1 TX1	0.357	0.242	0.260			
-23.1	63.6	-207	FR1 n25_Ant 1 Sub TX0	0.262	0.242	0.260			
-22	-1.2	-207	FR1 n26_Ant 1 TX1	0.104	0.242	0.260			
-23.7	85	-207	FR1 n41_Ant 1 Sub TX0	0.081	0.242	0.260			
-29.5	65	-207	FR1 n48_Ant 1 Sub TX0	0.483	0.242	0.260			0.02
-24	66.6	-207	FR1 n66_Ant 1 Sub TX0	0.264	0.242	0.260			
-24.4	21.5	-207	FR1 n71_Ant 1 TX1	0.271	0.242	0.260			
-21.4	58.5	-207	FR1 n77_Ant 1 Sub TX0	0.489	0.242	0.260			0.02

<Case 44>

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)			0.421	0.452	0.694
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.353	0.225	0.260	1.259	1.290	1.532
WCDMA V_Ant 1 TX1	0.217	0.225	0.260	1.123	1.154	1.396
LTE Band 12_Ant 1 TX1	0.214	0.225	0.260	1.120	1.151	1.393
LTE Band 13_Ant 1 TX1	0.318	0.225	0.260	1.224	1.255	1.497
LTE Band 14_Ant 1 TX1	0.392	0.225	0.260	1.298	1.329	1.571
LTE Band 25_Ant 1 Sub TX0	0.278	0.225	0.260	1.184	1.215	1.457
LTE Band 26_Ant 1 TX1	0.121	0.225	0.260	1.027	1.058	1.300
LTE Band 66_Ant 1 Sub TX0	0.187	0.225	0.260	1.093	1.124	1.366
LTE Band 71_Ant 1 TX1	0.221	0.225	0.260	1.127	1.158	1.400
FR1 n12_Ant 1 TX1	0.266	0.225	0.260	1.172	1.203	1.445
FR1 n14_Ant 1 TX1	0.357	0.225	0.260	1.263	1.294	1.536
FR1 n25_Ant 1 Sub TX0	0.262	0.225	0.260	1.168	1.199	1.441
FR1 n26_Ant 1 TX1	0.104	0.225	0.260	1.010	1.041	1.283
FR1 n41_Ant 1 Sub TX0	0.081	0.225	0.260	0.987	1.018	1.260
FR1 n48_Ant 1 Sub TX0	0.483	0.225	0.260	1.389	1.420	1.662
FR1 n66_Ant 1 Sub TX0	0.264	0.225	0.260	1.170	1.201	1.443
FR1 n71_Ant 1 TX1	0.271	0.225	0.260	1.177	1.208	1.450
FR1 n77_Ant 1 Sub TX0	0.489	0.225	0.260	1.395	1.426	1.668

SAR peak location (mm)			X (axis)	-24.5	-24.4	-25.9	-25.7	-24.1
			Y (axis)	36.5	49.2	-58.5	-58.2	-56
			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)			0.421	0.452	0.694
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-24	-8.7	-207	GSM850_Ant 1 TX1	0.353	0.225	0.260			
-26.2	-11	-207	WCDMA V_Ant 1 TX1	0.217	0.225	0.260			
-24.9	62.5	-207	LTE Band 12_Ant 1 TX1	0.214	0.225	0.260			
-23	19	-207	LTE Band 13_Ant 1 TX1	0.318	0.225	0.260			
-24.4	10.5	-207	LTE Band 14_Ant 1 TX1	0.392	0.225	0.260			
-21.2	65.9	-207	LTE Band 25_Ant 1 Sub TX0	0.278	0.225	0.260			
-26.5	-20.8	-207	LTE Band 26_Ant 1 TX1	0.121	0.225	0.260			
-21.2	68.4	-207	LTE Band 66_Ant 1 Sub TX0	0.187	0.225	0.260			
-26.1	63	-207	LTE Band 71_Ant 1 TX1	0.221	0.225	0.260			
-25.6	62	-207	FR1 n12_Ant 1 TX1	0.266	0.225	0.260			
-25.6	11.2	-207	FR1 n14_Ant 1 TX1	0.357	0.225	0.260			
-23.1	63.6	-207	FR1 n25_Ant 1 Sub TX0	0.262	0.225	0.260			
-22	-1.2	-207	FR1 n26_Ant 1 TX1	0.104	0.225	0.260			
-23.7	85	-207	FR1 n41_Ant 1 Sub TX0	0.081	0.225	0.260			
-29.5	65	-207	FR1 n48_Ant 1 Sub TX0	0.483	0.225	0.260			0.02
-24	66.6	-207	FR1 n66_Ant 1 Sub TX0	0.264	0.225	0.260			
-24.4	21.5	-207	FR1 n71_Ant 1 TX1	0.271	0.225	0.260			
-21.4	58.5	-207	FR1 n77_Ant 1 Sub TX0	0.489	0.225	0.260			0.02

<Case 45>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Edge	1g SAR (W/kg)			0.421	0.452	0.694
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.353	0.260	0.255	1.289	1.320	1.562
WCDMA V_Ant 1 TX1	0.217	0.260	0.255	1.153	1.184	1.426
LTE Band 12_Ant 1 TX1	0.214	0.260	0.255	1.150	1.181	1.423
LTE Band 13_Ant 1 TX1	0.318	0.260	0.255	1.254	1.285	1.527
LTE Band 14_Ant 1 TX1	0.392	0.260	0.255	1.328	1.359	1.601
LTE Band 25_Ant 1 Sub TX0	0.278	0.260	0.255	1.214	1.245	1.487
LTE Band 26_Ant 1 TX1	0.121	0.260	0.255	1.057	1.088	1.330
LTE Band 66_Ant 1 Sub TX0	0.187	0.260	0.255	1.123	1.154	1.396
LTE Band 71_Ant 1 TX1	0.221	0.260	0.255	1.157	1.188	1.430
FR1 n12_Ant 1 TX1	0.266	0.260	0.255	1.202	1.233	1.475
FR1 n14_Ant 1 TX1	0.357	0.260	0.255	1.293	1.324	1.566
FR1 n25_Ant 1 Sub TX0	0.262	0.260	0.255	1.198	1.229	1.471
FR1 n26_Ant 1 TX1	0.104	0.260	0.255	1.040	1.071	1.313
FR1 n41_Ant 1 Sub TX0	0.081	0.260	0.255	1.017	1.048	1.290
FR1 n48_Ant 1 Sub TX0	0.483	0.260	0.255	1.419	1.450	1.692
FR1 n66_Ant 1 Sub TX0	0.264	0.260	0.255	1.200	1.231	1.473
FR1 n71_Ant 1 TX1	0.271	0.260	0.255	1.207	1.238	1.480
FR1 n77_Ant 1 Sub TX0	0.489	0.260	0.255	1.425	1.456	1.698

SAR peak location (mm)			X (axis)	-24.4	-25.9	-25.9	-25.7	-24.1
			Y (axis)	49.2	32	-58.5	-58.2	-56
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Edge	1g SAR (W/kg)			0.421	0.452	0.694
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-24	-8.7	-207	GSM850_Ant 1 TX1	0.353	0.260	0.255			
-26.2	-11	-207	WCDMA V_Ant 1 TX1	0.217	0.260	0.255			
-24.9	62.5	-207	LTE Band 12_Ant 1 TX1	0.214	0.260	0.255			
-23	19	-207	LTE Band 13_Ant 1 TX1	0.318	0.260	0.255			
-24.4	10.5	-207	LTE Band 14_Ant 1 TX1	0.392	0.260	0.255			0.03
-21.2	65.9	-207	LTE Band 25_Ant 1 Sub TX0	0.278	0.260	0.255			
-26.5	-20.8	-207	LTE Band 26_Ant 1 TX1	0.121	0.260	0.255			
-21.2	68.4	-207	LTE Band 66_Ant 1 Sub TX0	0.187	0.260	0.255			
-26.1	63	-207	LTE Band 71_Ant 1 TX1	0.221	0.260	0.255			
-25.6	62	-207	FR1 n12_Ant 1 TX1	0.266	0.260	0.255			
-25.6	11.2	-207	FR1 n14_Ant 1 TX1	0.357	0.260	0.255			
-23.1	63.6	-207	FR1 n25_Ant 1 Sub TX0	0.262	0.260	0.255			
-22	-1.2	-207	FR1 n26_Ant 1 TX1	0.104	0.260	0.255			
-23.7	85	-207	FR1 n41_Ant 1 Sub TX0	0.081	0.260	0.255			
-29.5	65	-207	FR1 n48_Ant 1 Sub TX0	0.483	0.260	0.255			0.03
-24	66.6	-207	FR1 n66_Ant 1 Sub TX0	0.264	0.260	0.255			
-24.4	21.5	-207	FR1 n71_Ant 1 TX1	0.271	0.260	0.255			
-21.4	58.5	-207	FR1 n77_Ant 1 Sub TX0	0.489	0.260	0.255			0.03

<Case 46>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Edge	1g SAR (W/kg)			0.421	0.452	0.694
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.353	0.260	0.221	1.255	1.286	1.528
WCDMA V_Ant 1 TX1	0.217	0.260	0.221	1.119	1.150	1.392
LTE Band 12_Ant 1 TX1	0.214	0.260	0.221	1.116	1.147	1.389
LTE Band 13_Ant 1 TX1	0.318	0.260	0.221	1.220	1.251	1.493
LTE Band 14_Ant 1 TX1	0.392	0.260	0.221	1.294	1.325	1.567
LTE Band 25_Ant 1 Sub TX0	0.278	0.260	0.221	1.180	1.211	1.453
LTE Band 26_Ant 1 TX1	0.121	0.260	0.221	1.023	1.054	1.296
LTE Band 66_Ant 1 Sub TX0	0.187	0.260	0.221	1.089	1.120	1.362
LTE Band 71_Ant 1 TX1	0.221	0.260	0.221	1.123	1.154	1.396
FR1 n12_Ant 1 TX1	0.266	0.260	0.221	1.168	1.199	1.441
FR1 n14_Ant 1 TX1	0.357	0.260	0.221	1.259	1.290	1.532
FR1 n25_Ant 1 Sub TX0	0.262	0.260	0.221	1.164	1.195	1.437
FR1 n26_Ant 1 TX1	0.104	0.260	0.221	1.006	1.037	1.279
FR1 n41_Ant 1 Sub TX0	0.081	0.260	0.221	0.983	1.014	1.256
FR1 n48_Ant 1 Sub TX0	0.483	0.260	0.221	1.385	1.416	1.658
FR1 n66_Ant 1 Sub TX0	0.264	0.260	0.221	1.166	1.197	1.439
FR1 n71_Ant 1 TX1	0.271	0.260	0.221	1.173	1.204	1.446
FR1 n77_Ant 1 Sub TX0	0.489	0.260	0.221	1.391	1.422	1.664

SAR peak location (mm)			X (axis)	-24.4	-25.5	-25.9	-25.7	-24.1
			Y (axis)	49.2	36.5	-58.5	-58.2	-56
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Edge	1g SAR (W/kg)			0.421	0.452	0.694
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-24	-8.7	-207	GSM850_Ant 1 TX1	0.353	0.260	0.221			
-26.2	-11	-207	WCDMA V_Ant 1 TX1	0.217	0.260	0.221			
-24.9	62.5	-207	LTE Band 12_Ant 1 TX1	0.214	0.260	0.221			
-23	19	-207	LTE Band 13_Ant 1 TX1	0.318	0.260	0.221			
-24.4	10.5	-207	LTE Band 14_Ant 1 TX1	0.392	0.260	0.221			
-21.2	65.9	-207	LTE Band 25_Ant 1 Sub TX0	0.278	0.260	0.221			
-26.5	-20.8	-207	LTE Band 26_Ant 1 TX1	0.121	0.260	0.221			
-21.2	68.4	-207	LTE Band 66_Ant 1 Sub TX0	0.187	0.260	0.221			
-26.1	63	-207	LTE Band 71_Ant 1 TX1	0.221	0.260	0.221			
-25.6	62	-207	FR1 n12_Ant 1 TX1	0.266	0.260	0.221			
-25.6	11.2	-207	FR1 n14_Ant 1 TX1	0.357	0.260	0.221			
-23.1	63.6	-207	FR1 n25_Ant 1 Sub TX0	0.262	0.260	0.221			
-22	-1.2	-207	FR1 n26_Ant 1 TX1	0.104	0.260	0.221			
-23.7	85	-207	FR1 n41_Ant 1 Sub TX0	0.081	0.260	0.221			
-29.5	65	-207	FR1 n48_Ant 1 Sub TX0	0.483	0.260	0.221			0.02
-24	66.6	-207	FR1 n66_Ant 1 Sub TX0	0.264	0.260	0.221			
-24.4	21.5	-207	FR1 n71_Ant 1 TX1	0.271	0.260	0.221			
-21.4	58.5	-207	FR1 n77_Ant 1 Sub TX0	0.489	0.260	0.221			0.02

<Case 47>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Left Edge	1g SAR (W/kg)			0.421	0.452	0.694
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.353	0.260	0.242	1.276	1.307	1.549
WCDMA V_Ant 1 TX1	0.217	0.260	0.242	1.140	1.171	1.413
LTE Band 12_Ant 1 TX1	0.214	0.260	0.242	1.137	1.168	1.410
LTE Band 13_Ant 1 TX1	0.318	0.260	0.242	1.241	1.272	1.514
LTE Band 14_Ant 1 TX1	0.392	0.260	0.242	1.315	1.346	1.588
LTE Band 25_Ant 1 Sub TX0	0.278	0.260	0.242	1.201	1.232	1.474
LTE Band 26_Ant 1 TX1	0.121	0.260	0.242	1.044	1.075	1.317
LTE Band 66_Ant 1 Sub TX0	0.187	0.260	0.242	1.110	1.141	1.383
LTE Band 71_Ant 1 TX1	0.221	0.260	0.242	1.144	1.175	1.417
FR1 n12_Ant 1 TX1	0.266	0.260	0.242	1.189	1.220	1.462
FR1 n14_Ant 1 TX1	0.357	0.260	0.242	1.280	1.311	1.553
FR1 n25_Ant 1 Sub TX0	0.262	0.260	0.242	1.185	1.216	1.458
FR1 n26_Ant 1 TX1	0.104	0.260	0.242	1.027	1.058	1.300
FR1 n41_Ant 1 Sub TX0	0.081	0.260	0.242	1.004	1.035	1.277
FR1 n48_Ant 1 Sub TX0	0.483	0.260	0.242	1.406	1.437	1.679
FR1 n66_Ant 1 Sub TX0	0.264	0.260	0.242	1.187	1.218	1.460
FR1 n71_Ant 1 TX1	0.271	0.260	0.242	1.194	1.225	1.467
FR1 n77_Ant 1 Sub TX0	0.489	0.260	0.242	1.412	1.443	1.685

SAR peak location (mm)			X (axis)	-24.4	-20.8	-25.9	-25.7	-24.1
			Y (axis)	49.2	30.5	-58.5	-58.2	-56
			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	Thread Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Left Edge	1g SAR (W/kg)			0.421	0.452	0.694
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-24	-8.7	-207	GSM850_Ant 1 TX1	0.353	0.260	0.242			
-26.2	-11	-207	WCDMA V_Ant 1 TX1	0.217	0.260	0.242			
-24.9	62.5	-207	LTE Band 12_Ant 1 TX1	0.214	0.260	0.242			
-23	19	-207	LTE Band 13_Ant 1 TX1	0.318	0.260	0.242			
-24.4	10.5	-207	LTE Band 14_Ant 1 TX1	0.392	0.260	0.242			
-21.2	65.9	-207	LTE Band 25_Ant 1 Sub TX0	0.278	0.260	0.242			
-26.5	-20.8	-207	LTE Band 26_Ant 1 TX1	0.121	0.260	0.242			
-21.2	68.4	-207	LTE Band 66_Ant 1 Sub TX0	0.187	0.260	0.242			
-26.1	63	-207	LTE Band 71_Ant 1 TX1	0.221	0.260	0.242			
-25.6	62	-207	FR1 n12_Ant 1 TX1	0.266	0.260	0.242			
-25.6	11.2	-207	FR1 n14_Ant 1 TX1	0.357	0.260	0.242			
-23.1	63.6	-207	FR1 n25_Ant 1 Sub TX0	0.262	0.260	0.242			
-22	-1.2	-207	FR1 n26_Ant 1 TX1	0.104	0.260	0.242			
-23.7	85	-207	FR1 n41_Ant 1 Sub TX0	0.081	0.260	0.242			
-29.5	65	-207	FR1 n48_Ant 1 Sub TX0	0.483	0.260	0.242			0.03
-24	66.6	-207	FR1 n66_Ant 1 Sub TX0	0.264	0.260	0.242			
-24.4	21.5	-207	FR1 n71_Ant 1 TX1	0.271	0.260	0.242			
-21.4	58.5	-207	FR1 n77_Ant 1 Sub TX0	0.489	0.260	0.242			0.03

<Case 48>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA V_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n77_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.581	0.583	0.428	0.516	0.481	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.491
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
LTE Band 25_Ant 5 Sub TX0	0.664	0.007	0.081	1.513	1.516	1.361	1.468	1.413	1.427	1.659	1.384	1.401	1.458	1.431	1.677	1.340	1.423
LTE Band 66_Ant 5 Sub TX0	0.707	0.007	0.081	1.376	1.378	1.224	1.331	1.276	1.290	1.481	1.247	1.264	1.319	1.294	1.540	1.203	1.286
FR1 n25_Ant 5 Sub TX0	0.688	0.007	0.081	1.358	1.360	1.206	1.313	1.258	1.272	1.463	1.229	1.284	1.301	1.276	1.522	1.185	1.268
FR1 n66_Ant 5 Sub TX0	0.667	0.007	0.081	1.516	1.518	1.364	1.471	1.414	1.430	1.655	1.387	1.464	1.458	1.434	1.692	1.343	1.426
FR1 n41_Ant 5 Sub TX0	0.679	0.007	0.081	1.198	1.200	1.056	1.153	1.098	1.112	1.283	1.078	1.275	1.255	1.236	1.512	1.175	1.258
FR1 n41_Ant 5 Sub TX0	0.668	0.007	0.081	1.135	1.137	1.183	1.260	1.215	1.249	1.440	1.206	1.263	1.278	1.253	1.499	1.162	1.245
FR1 n77_Ant 5 Sub TX0	0.377	0.007	0.081	1.036	1.038	0.894	1.001	0.946	0.960	1.151	0.917	0.974	0.988	0.964	1.210	0.873	0.956

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + WLAN2.4G Ant 3	0.752	-27.0	-34.6	-207.0	88.1	1.68	0.02	Not required
Max WWAN Ant 5 + WLAN5/6G Ant 4+3	0.928	-28.6	53.5	-207.0				

<Case 49>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA V_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n77_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.581	0.583	0.428	0.516	0.481	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.491
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
LTE Band 25_Ant 5 Sub TX0	0.664	0.107	0.081	1.622	1.615	1.461	1.568	1.513	1.527	1.735	1.484	1.541	1.558	1.531	1.777	1.440	1.523
LTE Band 66_Ant 5 Sub TX0	0.707	0.107	0.081	1.476	1.478	1.324	1.431	1.376	1.390	1.581	1.347	1.464	1.419	1.394	1.640	1.303	1.386
FR1 n25_Ant 5 Sub TX0	0.688	0.107	0.081	1.458	1.460	1.306	1.413	1.358	1.372	1.563	1.329	1.384	1.401	1.376	1.622	1.285	1.368
FR1 n66_Ant 5 Sub TX0	0.667	0.107	0.081	1.616	1.618	1.464	1.571	1.514	1.530	1.755	1.487	1.564	1.558	1.534	1.793	1.443	1.526
FR1 n41_Ant 5 Sub TX0	0.679	0.107	0.081	1.298	1.300	1.156	1.253	1.198	1.212	1.383	1.178	1.375	1.355	1.336	1.612	1.275	1.358
FR1 n41_Ant 5 Sub TX0	0.668	0.107	0.081	1.235	1.237	1.283	1.360	1.315	1.349	1.540	1.306	1.363	1.378	1.353	1.599	1.262	1.345
FR1 n77_Ant 5 Sub TX0	0.377	0.107	0.081	1.136	1.138	0.994	1.101	1.046	1.060	1.251	1.017	1.074	1.088	1.064	1.310	0.973	1.056

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + WLAN2.4G Ant 4	0.852	-22.1	-33.9	-207.0	85.9	1.78	0.03	Not required
Max WWAN Ant 5 + WLAN5/6G Ant 4+3	0.928	-23.6	52.0	-207.0				

<Case 50>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA V_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n77_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.581	0.583	0.428	0.516	0.481	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.491
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
LTE Band 25_Ant 5 Sub TX0	0.664	0.115	0.081	1.641	1.642	1.488	1.595	1.541	1.555	1.756	1.512	1.569	1.584	1.559	1.801	1.468	1.511
LTE Band 66_Ant 5 Sub TX0	0.707	0.115	0.081	1.504	1.506	1.352	1.459	1.404	1.418	1.609	1.375	1.432	1.447	1.422	1.668	1.331	1.414
FR1 n25_Ant 5 Sub TX0	0.688	0.115	0.081	1.486	1.488	1.334	1.441	1.386	1.400	1.591	1.357	1.414	1.429	1.404	1.650	1.313	1.396
FR1 n66_Ant 5 Sub TX0	0.667	0.115	0.081	1.644	1.646	1.492	1.599	1.544	1.558	1.783	1.515	1.572	1.587	1.562	1.820	1.471	1.554
FR1 n41_Ant 5 Sub TX0	0.679	0.115	0.081	1.476	1.478	1.324	1.431	1.376	1.390	1.581	1.347	1.404	1.418	1.394	1.640	1.302	1.386
FR1 n41_Ant 5 Sub TX0	0.668	0.115	0.081	1.493	1.495	1.541	1.618	1.563	1.577	1.768	1.534	1.591	1.606	1.581	1.837	1.290	1.373
FR1 n77_Ant 5 Sub TX0	0.377	0.115	0.081	1.174	1.176	1.022	1.129	1.074	1.088	1.279	1.045	1.102	1.117	1.092	1.339	1.001	1.084

SAR peak location (mm)																						
			X (mm)			-24.5	-21.4	-22.6	-24.8	-25.6	-25	-22.8	-24.1	-23.2	-24.8	-25	-22.9	-21.8	-21.8	-22.8	-22.6
			Y (mm)			-50	-48.7	-53.6	-53.6	-57.7	-52.5	-51.8	-57	-51	-52.8	-56	-52.1	-56.5	-53.5	-52.8	-50.5
			Z (mm)			-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
				0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (mm)	Y (mm)	Z (mm)	Exposure Position	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA V_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n77_Ant 2 TX0
			Right Edge	1g SAR (W/kg)			0.581	0.583	0.428	0.516	0.481	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.491
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results
-24.8	-39.1	-207	LTE Band 25_Ant 5 Sub TX0	0.664	0.115	0.081	0.02	0.02		0.02				0.02					0.03	
-22.1	-53.6	-207	LTE Band 66_Ant 5 Sub TX0	0.707	0.115	0.081								0.02					0.02	
-27	-56.6	-207	FR1 n25_Ant 5 Sub TX0	0.688	0.115	0.081													0.02	
-27	-54.8	-207	FR1 n66_Ant 5 Sub TX0	0.667	0.115	0.081	0.02	0.02		0.02				0.02					0.03	
-23.6	-48	-207	FR1 n41_Ant 5 Sub TX0	0.679	0.115	0.081													0.03	
-26.4	-47	-207	FR1 n41_Ant 5 Sub TX0	0.668	0.115	0.081													0.02	
-24.1	-48	-207	FR1 n77_Ant 5 Sub TX0	0.377	0.115	0.081														

<Case 51>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 1	GSM1900_Ant 2 T60	WCDMA V_Ant 2 T60	WCDMA IV_Ant 2 T60	LTE Band 7_Ant 2 T60	LTE Band 38_Ant 2 T60	LTE Band 30_Ant 2 T60	LTE Band 41_Ant 2 T60	LTE Band 66_Ant 2 T60	FR1 n7_Ant 2 T60	FR1 n38_Ant 2 T60	FR1 n30_Ant 2 T60	FR1 n41_Ant 2 T60	FR1 n66_Ant 2 T60	FR1 n77_Ant 2 T60
Right Edge	1g SAR (W/kg)			0.581	0.583	0.429	0.516	0.451	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.481
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 26_Ant 5 Sub T61	0.844	0.081	0.014	1.520	1.522	1.368	1.475	1.420	1.434	1.605	1.391	1.499	1.462	1.436	1.665	1.347	1.400
LTE Band 66_Ant 5 Sub T61	0.707	0.081	0.014	1.393	1.395	1.231	1.339	1.283	1.297	1.488	1.254	1.351	1.326	1.301	1.547	1.210	1.263
FR1 n26_Ant 5 Sub T61	0.688	0.081	0.014	1.365	1.367	1.213	1.320	1.266	1.279	1.470	1.236	1.293	1.308	1.283	1.529	1.192	1.275
FR1 n66_Ant 5 Sub T61	0.667	0.081	0.014	1.329	1.326	1.171	1.278	1.223	1.237	1.397	1.194	1.261	1.268	1.241	1.457	1.150	1.213
FR1 n41_Ant 5 Sub T61	0.679	0.081	0.014	1.295	1.297	1.203	1.310	1.255	1.269	1.460	1.226	1.283	1.298	1.273	1.519	1.182	1.265
FR1 n48_Ant 5 Sub T61	0.666	0.081	0.014	1.242	1.244	1.190	1.297	1.242	1.256	1.447	1.213	1.270	1.285	1.260	1.506	1.168	1.252
FR1 n77_Ant 5 Sub T61	0.377	0.081	0.014	1.053	1.055	0.901	1.008	0.953	0.967	1.108	0.924	0.981	0.996	0.971	1.217	0.880	0.963

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2 + Bluetooth Ant 3	0.759	-21.8	53.5	-207.0	88.3	1.69	0.02	Not required
Max WWAN Ant 5 + WLAN5/6G Ant 4+3	0.928	-27.0	-34.6	-207.0				

<Case 52>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 T60	WCDMA II_Ant 2 T60	WCDMA IV_Ant 2 T60	LTE Band 7_Ant 2 T60	LTE Band 38_Ant 2 T60	LTE Band 30_Ant 2 T60	LTE Band 41_Ant 2 T60	LTE Band 66_Ant 2 T60	FR1 n7_Ant 2 T60	FR1 n38_Ant 2 T60	FR1 n30_Ant 2 T60	FR1 n41_Ant 2 T60	FR1 n66_Ant 2 T60	FR1 n77_Ant 2 T60
Right Edge	1g SAR (W/kg)			0.581	0.583	0.429	0.516	0.451	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.481
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 26_Ant 5 Sub T61	0.844	0.081	0.264	1.836	1.842	1.518	1.701	1.707	1.714	1.903	1.671	1.719	1.710	1.718	1.964	1.537	1.710
LTE Band 66_Ant 5 Sub T61	0.707	0.081	0.264	1.642	1.646	1.511	1.618	1.563	1.577	1.768	1.534	1.591	1.606	1.581	1.827	1.490	1.573
FR1 n26_Ant 5 Sub T61	0.688	0.081	0.264	1.645	1.647	1.493	1.603	1.545	1.559	1.750	1.516	1.573	1.588	1.563	1.809	1.472	1.555
FR1 n66_Ant 5 Sub T61	0.667	0.081	0.264	1.603	1.606	1.441	1.559	1.502	1.517	1.709	1.473	1.531	1.546	1.521	1.767	1.440	1.512
FR1 n41_Ant 5 Sub T61	0.679	0.081	0.264	1.635	1.637	1.483	1.593	1.535	1.549	1.740	1.508	1.563	1.578	1.553	1.799	1.462	1.545
FR1 n48_Ant 5 Sub T61	0.666	0.081	0.264	1.632	1.634	1.470	1.577	1.522	1.536	1.727	1.493	1.550	1.565	1.540	1.786	1.448	1.532
FR1 n77_Ant 5 Sub T61	0.377	0.081	0.264	1.333	1.335	1.181	1.288	1.233	1.247	1.438	1.204	1.261	1.276	1.251	1.497	1.160	1.243

SAR peak location (mm)																					
			X (mm)		-21.4	-25.5	-27.4	-24.9	-26.6	-25	-22.9	-24.1	-23.2	-24.8	-25	-22.6	-21.8	-21.8	-22.6	-22.6	-22.6
			Y (mm)		-48.7	-48	53.6	53.6	57.7	52.5	55.8	57	61	52.8	56	52.1	56.5	53.5	53.8	53.8	53.5
			Z (mm)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 T60	WCDMA II_Ant 2 T60	WCDMA IV_Ant 2 T60	LTE Band 7_Ant 2 T60	LTE Band 38_Ant 2 T60	LTE Band 30_Ant 2 T60	LTE Band 41_Ant 2 T60	LTE Band 66_Ant 2 T60	FR1 n7_Ant 2 T60	FR1 n38_Ant 2 T60	FR1 n30_Ant 2 T60	FR1 n41_Ant 2 T60	FR1 n66_Ant 2 T60	FR1 n77_Ant 2 T60	
			Right Edge	1g SAR (W/kg)			0.581	0.583	0.429	0.516	0.451	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.481	
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	
-24.9	-38.1	-207	LTE Band 26_Ant 5 Sub T61	0.844	0.081	0.264	0.02	0.03	0.04	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.02
-26.1	-33.8	-207	LTE Band 66_Ant 5 Sub T61	0.707	0.081	0.264	0.02	0.02		0.02			0.02				0.02		0.03		
-27	-35.6	-207	FR1 n26_Ant 5 Sub T61	0.688	0.081	0.264	0.02	0.02		0.02			0.02						0.03		
-27	-34.8	-207	FR1 n66_Ant 5 Sub T61	0.667	0.081	0.264	0.03	0.03	0.04	0.03	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.03	0.03	0.02	0.03
-23.8	-33	-207	FR1 n41_Ant 5 Sub T61	0.679	0.081	0.264	0.02	0.02					0.02						0.03		
-26.4	-42	-207	FR1 n48_Ant 5 Sub T61	0.666	0.081	0.264	0.02	0.02					0.02						0.02		
-24.1	-46	-207	FR1 n77_Ant 5 Sub T61	0.377	0.081	0.264															

<Case 53>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM1900_Ant 2 T60	WCDMA V_Ant 2 T60	WCDMA IV_Ant 2 T60	LTE Band 7_Ant 2 T60	LTE Band 38_Ant 2 T60	LTE Band 30_Ant 2 T60	LTE Band 41_Ant 2 T60	LTE Band 66_Ant 2 T60	FR1 n7_Ant 2 T60	FR1 n38_Ant 2 T60	FR1 n30_Ant 2 T60	FR1 n41_Ant 2 T60	FR1 n66_Ant 2 T60	FR1 n77_Ant 2 T60
Right Edge	1g SAR (W/kg)			0.581	0.583	0.429	0.516	0.451	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.481
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 26_Ant 5 Sub T61	0.844	0.081	0.129	1.634	1.636	1.482	1.589	1.534	1.548	1.739	1.505	1.562	1.577	1.552	1.798	1.481	1.544
LTE Band 66_Ant 5 Sub T61	0.707	0.081	0.129	1.497	1.499	1.365	1.462	1.397	1.411	1.602	1.368	1.425	1.440	1.415	1.661	1.324	1.407
FR1 n26_Ant 5 Sub T61	0.688	0.081	0.129	1.479	1.481	1.327	1.434	1.379	1.393	1.584	1.350	1.407	1.422	1.397	1.643	1.306	1.389
FR1 n66_Ant 5 Sub T61	0.667	0.081	0.129	1.437	1.439	1.281	1.392	1.337	1.351	1.542	1.308	1.365	1.380	1.355	1.601	1.284	1.347
FR1 n41_Ant 5 Sub T61	0.679	0.081	0.129	1.469	1.471	1.317	1.424	1.369	1.383	1.574	1.340	1.397	1.412	1.387	1.633	1.296	1.379
FR1 n48_Ant 5 Sub T61	0.666	0.081	0.129	1.456	1.458	1.304	1.411	1.356	1.370	1.561	1.327	1.384	1.399	1.374	1.619	1.283	1.366
FR1 n77_Ant 5 Sub T61	0.377	0.081	0.129	1.187	1.189	1.055	1.122	1.067	1.081	1.272	1.038	1.095	1.110	1.085	1.331	0.994	1.077

SAR peak location (mm)																					
			X (mm)		-21.4	-23.2	-22.6	-24.9	-26.6	-25	-22.9	-24.1	-23.2	-24.8	-25	-22.6	-21.8	-21.8	-22.6	-22.6	-22.6
			Y (mm)		-48.7	52.3	53.6	53.6	57.7	52.5	55.8	57	61	52.8	56	52.1	56.5	53.5	53.8	53.8	53.5
			Z (mm)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM1900_Ant 2 T60	WCDMA II_Ant 2 T60	WCDMA IV_Ant 2 T60	LTE Band 7_Ant 2 T60	LTE Band 38_Ant 2 T60	LTE Band 30_Ant 2 T60	LTE Band 41_Ant 2 T60	LTE Band 66_Ant 2 T60	FR1 n7_Ant 2 T60	FR1 n38_Ant 2 T60	FR1 n30_Ant 2 T60	FR1 n41_Ant 2 T60	FR1 n66_Ant 2 T60	FR1 n77_Ant 2 T60	
			Right Edge	1g SAR (W/kg)			0.581	0.583	0.429	0.516	0.451	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.481	
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	
-24.9	-38.1	-207	LTE Band 26_Ant 5 Sub T61	0.844	0.081	0.129	0.02	0.02						0.02					0.03		
-26.1	-33.8	-207	LTE Band 66_Ant 5 Sub T61	0.707	0.081	0.129								0.02					0.02		
-27	-36.6	-207	FR1 n26_Ant 5 Sub T61	0.688	0.081	0.129								0.02					0.02		
-27	-34.8	-207	FR1 n66_Ant 5 Sub T61	0.667	0.081	0.129	0.02	0.02						0.02					0.03		
-23.8	-33	-207	FR1 n41_Ant 5 Sub T61	0.679	0.081	0.129													0.02		
-26.4	-42	-207	FR1 n48_Ant 5 Sub T61	0.666	0.081	0.129													0.02		
-24.1	-46	-207	FR1 n77_Ant 5 Sub T61	0.377	0.081	0.129															

<Case 54>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 1	GSM1900_Ant 2 T60	WCDMA II_Ant 2 T60	WCDMA IV_Ant 2 T60	LTE Band 7_Ant 2 T60	LTE Band 38_Ant 2 T60	LTE Band 30_Ant 2 T60	LTE Band 41_Ant 2 T60	LTE Band 66_Ant 2 T60	FR1 n7_Ant 2 T60	FR1 n38_Ant 2 T60	FR1 n30_Ant 2 T60	FR1 n41_Ant 2 T60	FR1 n66_Ant 2 T60	FR1 n77_Ant 2 T60
Right Edge	1g SAR (W/kg)			0.581	0.583	0.429	0.516	0.451	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.481
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 26_Ant 5 Sub T61	0.844	0.081	0.001	1.537	1.539	1.391	1.462	1.407	1.421	1.612	1.379	1.435	1.450	1.425	1.671	1.334	1.417
LTE Band 66_Ant 5 Sub T61	0.707	0.081	0.001	1.370	1.372	1.218	1.325	1.270	1.284	1.475	1.241	1.288	1.313	1.288	1.534	1.197	1.280
FR1 n26_Ant 5 Sub T61	0.688	0.081	0.001	1.352	1.354	1.200	1.307	1.252	1.266	1.457	1.223	1.280	1.295	1.270	1.516	1.179	1.262
FR1 n66_Ant 5 Sub T61	0.667	0.081	0.001	1.310	1.312	1.158	1.265	1.210	1.224	1.415	1.181	1.238	1.253	1.228	1.474	1.137	1.220
FR1 n41_Ant 5 Sub T61	0.679	0.081	0.001	1.342	1.344	1.190	1.297	1.242	1.256	1.447	1.213	1.270	1.285	1.260	1.506	1.168	1.252
FR1 n48_Ant 5 Sub T61	0.666	0.081	0.001	1.329	1.331	1.177	1.284	1.229	1.242	1.434	1.200	1.257	1.272	1.247	1.493	1.156	1.239
FR1 n77_Ant 5 Sub T61	0.377	0.081	0.001	1.040	1.042	0.888	0.995	0.940	0.954	1.145	0.911	0.968	0.983	0.958	1.204	0.867	0.950

SAR peak location (mm)																					
			X (mm)		-21.4	-21.4	-22.6	-24.9	-26.6	-25	-22.9	-24.1	-23.2	-24.8	-25	-22.6	-21.8	-21.8	-22.6	-22.6	-22.6
			Y (mm)		-48.7	-48.7	53.6	53.6	57.7	52.5	55.8	57	61	52.8	56	52.1	56.5	53.5	53.8	53.8	53.5
			Z (mm)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
				WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 1	GSM1900_Ant 2 T60	WCDMA II_Ant 2 T60	WCDMA IV_Ant 2 T60	LTE Band 7_Ant 2 T60	LTE Band 38_Ant 2 T60	LTE Band 30_Ant 2 T60	LTE Band 41_Ant 2 T60	LTE Band 66_Ant 2 T60	FR1 n7_Ant 2 T60	FR1 n38_Ant 2 T60	FR1 n30_Ant 2 T60	FR1 n41_Ant 2 T60	FR1 n66_Ant 2 T60	FR1 n77_Ant 2 T60	
			Right Edge	1g SAR (W/kg)			0.581	0.583	0.429	0.516	0.451	0.495	0.686	0.452	0.509	0.524	0.499	0.745	0.408	0.481	
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	
-24.9	-38.1	-207	LTE Band 26_Ant 5 Sub T61	0.844	0.081	0.001								0.02					0.02		
-26.1	-33.8	-207	LTE Band 66_Ant 5 Sub T61	0.707	0.081	0.001															
-27	-36.6	-207	FR1 n26_Ant 5 Sub T61	0.688	0.081	0.001															
-27	-34.8	-207	FR1 n66_Ant 5 Sub T61	0.667	0.081	0.001								0.02					0.02		
-23.8	-33	-207	FR1 n41_Ant 5 Sub T61	0.679	0.081	0.001															
-26.4	-42	-207	FR1 n48_Ant 5 Sub T61	0.666	0.081	0.001															
-24.1	-46	-207	FR1 n77_Ant 5 Sub T61	0.377	0.081	0.001															

<Case 55>

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)			0.460	0.594	0.604
				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	0.844	0.107	0.081	1.492	1.626	1.636
LTE Band 66_Ant 5 Sub TX1	0.707	0.107	0.081	1.355	1.489	1.499
FR1 n25_Ant 5 Sub TX1	0.689	0.107	0.081	1.337	1.471	1.481
FR1 n66_Ant 5 Sub TX1	0.847	0.107	0.081	1.495	1.629	1.639
FR1 n41_Ant 5 Sub TX1	0.679	0.107	0.081	1.327	1.461	1.471
FR1 n48_Ant 5 Sub TX1	0.666	0.107	0.081	1.314	1.448	1.458
FR1 n77_Ant 5 Sub TX1	0.377	0.107	0.081	1.025	1.159	1.169

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7 + WLAN2.4G Ant 4	0.711	-27.0	-34.6	-207.0	86.7	1.64	0.02	Not required
Max WWAN Ant 5 + WLAN5/6G Ant 4+3	0.928	-23.6	52.0	-207.0				

<Case 56>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.460	0.594	0.604
				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	0.844	0.135	0.081	1.520	1.654	1.664
LTE Band 66_Ant 5 Sub TX1	0.707	0.135	0.081	1.383	1.517	1.527
FR1 n25_Ant 5 Sub TX1	0.689	0.135	0.081	1.365	1.499	1.509
FR1 n66_Ant 5 Sub TX1	0.847	0.135	0.081	1.523	1.657	1.667
FR1 n41_Ant 5 Sub TX1	0.679	0.135	0.081	1.355	1.489	1.499
FR1 n48_Ant 5 Sub TX1	0.666	0.135	0.081	1.342	1.476	1.486
FR1 n77_Ant 5 Sub TX1	0.377	0.135	0.081	1.053	1.187	1.197

SAR peak location (mm)									
			X (axis)		-24.5	-21.4	-23.2	-23.6	-23.6
			Y (axis)		-55	-48.7	59	55.5	53.5
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.46	0.594	0.604
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-24.9	-39.1	-207	LTE Band 25_Ant 5 Sub TX1	0.844	0.135	0.081		0.02	0.02
-22.1	-33.9	-207	LTE Band 66_Ant 5 Sub TX1	0.707	0.135	0.081			
-27	-35.6	-207	FR1 n25_Ant 5 Sub TX1	0.689	0.135	0.081			
-27	-34.6	-207	FR1 n66_Ant 5 Sub TX1	0.847	0.135	0.081		0.02	0.02
-23.6	-40	-207	FR1 n41_Ant 5 Sub TX1	0.679	0.135	0.081			
-26.4	-62	-207	FR1 n48_Ant 5 Sub TX1	0.666	0.135	0.081			
-24.1	-45	-207	FR1 n77_Ant 5 Sub TX1	0.377	0.135	0.081			

<Case 57>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.460	0.594	0.604
				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	0.844	0.081	0.294	1.679	1.813	1.823
LTE Band 66_Ant 5 Sub TX1	0.707	0.081	0.294	1.542	1.676	1.686
FR1 n25_Ant 5 Sub TX1	0.689	0.081	0.294	1.524	1.658	1.668
FR1 n66_Ant 5 Sub TX1	0.847	0.081	0.294	1.682	1.816	1.826
FR1 n41_Ant 5 Sub TX1	0.679	0.081	0.294	1.514	1.648	1.658
FR1 n48_Ant 5 Sub TX1	0.666	0.081	0.294	1.501	1.635	1.645
FR1 n77_Ant 5 Sub TX1	0.377	0.081	0.294	1.212	1.346	1.356

SAR peak location (mm)			X (axis)	-21.4	-25.5	-23.2	-23.6	-23.6
			Y (axis)	-48.7	-48	59	55.5	53.5
			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)			0.46	0.594	0.604
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-24.9	-39.1	-207	LTE Band 25_Ant 5 Sub TX1	0.844	0.081	0.294	0.02	0.03	0.03
-22.1	-33.9	-207	LTE Band 66_Ant 5 Sub TX1	0.707	0.081	0.294		0.02	0.03
-27	-35.6	-207	FR1 n25_Ant 5 Sub TX1	0.689	0.081	0.294		0.02	0.02
-27	-34.6	-207	FR1 n66_Ant 5 Sub TX1	0.847	0.081	0.294	0.02	0.03	0.03
-23.6	-40	-207	FR1 n41_Ant 5 Sub TX1	0.679	0.081	0.294		0.02	0.02
-26.4	-62	-207	FR1 n48_Ant 5 Sub TX1	0.666	0.081	0.294		0.02	0.02
-24.1	-45	-207	FR1 n77_Ant 5 Sub TX1	0.377	0.081	0.294			

<Case 58>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.460	0.594	0.604
				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	0.844	0.081	0.128	1.513	1.647	1.657
LTE Band 66_Ant 5 Sub TX1	0.707	0.081	0.128	1.376	1.510	1.520
FR1 n25_Ant 5 Sub TX1	0.689	0.081	0.128	1.358	1.492	1.502
FR1 n66_Ant 5 Sub TX1	0.847	0.081	0.128	1.516	1.650	1.660
FR1 n41_Ant 5 Sub TX1	0.679	0.081	0.128	1.348	1.482	1.492
FR1 n48_Ant 5 Sub TX1	0.666	0.081	0.128	1.335	1.469	1.479
FR1 n77_Ant 5 Sub TX1	0.377	0.081	0.128	1.046	1.180	1.190

SAR peak location (mm)			X (axis)	-21.4	-23.2	-23.2	-23.6	-23.6
			Y (axis)	-48.7	-52.5	59	55.5	53.5
			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+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.46	0.594	0.604
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-24.9	-39.1	-207	LTE Band 25_Ant 5 Sub TX1	0.844	0.081	0.128		0.02	0.02
-22.1	-33.9	-207	LTE Band 66_Ant 5 Sub TX1	0.707	0.081	0.128			
-27	-35.6	-207	FR1 n25_Ant 5 Sub TX1	0.689	0.081	0.128			
-27	-34.6	-207	FR1 n66_Ant 5 Sub TX1	0.847	0.081	0.128		0.02	0.02
-23.6	-40	-207	FR1 n41_Ant 5 Sub TX1	0.679	0.081	0.128			
-26.4	-62	-207	FR1 n48_Ant 5 Sub TX1	0.666	0.081	0.128			
-24.1	-45	-207	FR1 n77_Ant 5 Sub TX1	0.377	0.081	0.128			

<Case 59>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
Antenna Type	Antenna Type	Max EIRP (W)	Max EIRP (dBm)	LTE Band 2_QPSK 1RB	LTE Band 2_QPSK 50%	LTE Band 2_QPSK 100%	LTE Band 4_QPSK 1RB	LTE Band 4_QPSK 50%	LTE Band 4_QPSK 100%	LTE Band 5_QPSK 1RB	LTE Band 5_QPSK 50%	LTE Band 5_QPSK 100%	LTE Band 7_QPSK 1RB	LTE Band 7_QPSK 50%	LTE Band 7_QPSK 100%	LTE Band 12_QPSK 1RB	LTE Band 12_QPSK 50%	LTE Band 12_QPSK 100%	LTE Band 13_QPSK 1RB	LTE Band 13_QPSK 50%	LTE Band 13_QPSK 100%	LTE Band 17_QPSK 1RB	LTE Band 17_QPSK 50%	LTE Band 17_QPSK 100%	LTE Band 26_QPSK 1RB	LTE Band 26_QPSK 50%	LTE Band 26_QPSK 100%	LTE Band 41_QPSK 1RB	LTE Band 41_QPSK 50%	LTE Band 41_QPSK 100%
Unit				0.256	0.487	0.618	0.587	0.678	0.678	0.587	0.678	0.678	0.573	0.656	0.656	0.498	0.578	0.578	0.578	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578
				SAR(W/kg)																										
				10mm Gap																										
LTE Band 2_QPSK 1 RB	0.613	28.00	631.0	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 50%	0.480	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 100%	0.480	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 1 RB	0.468	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 50%	0.468	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 100%	0.468	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 1 RB	0.364	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 50%	0.364	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 100%	0.364	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 1 RB	0.573	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 50%	0.656	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 100%	0.656	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 1 RB	0.498	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 50%	0.578	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 100%	0.578	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 1 RB	0.498	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 50%	0.578	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 100%	0.578	24.00	251.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140

Antenna Position	Antenna Type	Max EIRP (W)	Max EIRP (dBm)	LTE Band 2_QPSK 1RB	LTE Band 2_QPSK 50%	LTE Band 2_QPSK 100%	LTE Band 4_QPSK 1RB	LTE Band 4_QPSK 50%	LTE Band 4_QPSK 100%	LTE Band 5_QPSK 1RB	LTE Band 5_QPSK 50%	LTE Band 5_QPSK 100%	LTE Band 7_QPSK 1RB	LTE Band 7_QPSK 50%	LTE Band 7_QPSK 100%	LTE Band 12_QPSK 1RB	LTE Band 12_QPSK 50%	LTE Band 12_QPSK 100%	LTE Band 13_QPSK 1RB	LTE Band 13_QPSK 50%	LTE Band 13_QPSK 100%	LTE Band 17_QPSK 1RB	LTE Band 17_QPSK 50%	LTE Band 17_QPSK 100%	LTE Band 26_QPSK 1RB	LTE Band 26_QPSK 50%	LTE Band 26_QPSK 100%	LTE Band 41_QPSK 1RB	LTE Band 41_QPSK 50%	LTE Band 41_QPSK 100%
Unit				0.256	0.487	0.618	0.587	0.678	0.678	0.587	0.678	0.678	0.573	0.656	0.656	0.498	0.578	0.578	0.578	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578
				SAR(W/kg)																										
				10mm Gap																										
LTE Band 2_QPSK 1 RB	0.613	27.0	501.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 50%	0.480	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 100%	0.480	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 1 RB	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 50%	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 100%	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 1 RB	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 50%	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 100%	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 1 RB	0.573	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 50%	0.656	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 100%	0.656	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 1 RB	0.498	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 50%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 100%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 1 RB	0.498	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 50%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 100%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140

<Case 60>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
Antenna Type	Antenna Type	Max EIRP (W)	Max EIRP (dBm)	LTE Band 2_QPSK 1RB	LTE Band 2_QPSK 50%	LTE Band 2_QPSK 100%	LTE Band 4_QPSK 1RB	LTE Band 4_QPSK 50%	LTE Band 4_QPSK 100%	LTE Band 5_QPSK 1RB	LTE Band 5_QPSK 50%	LTE Band 5_QPSK 100%	LTE Band 7_QPSK 1RB	LTE Band 7_QPSK 50%	LTE Band 7_QPSK 100%	LTE Band 12_QPSK 1RB	LTE Band 12_QPSK 50%	LTE Band 12_QPSK 100%	LTE Band 13_QPSK 1RB	LTE Band 13_QPSK 50%	LTE Band 13_QPSK 100%	LTE Band 17_QPSK 1RB	LTE Band 17_QPSK 50%	LTE Band 17_QPSK 100%	LTE Band 26_QPSK 1RB	LTE Band 26_QPSK 50%	LTE Band 26_QPSK 100%	LTE Band 41_QPSK 1RB	LTE Band 41_QPSK 50%	LTE Band 41_QPSK 100%
Unit				0.256	0.487	0.618	0.587	0.678	0.678	0.587	0.678	0.678	0.573	0.656	0.656	0.498	0.578	0.578	0.578	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578
				SAR(W/kg)																										
				10mm Gap																										
LTE Band 2_QPSK 1 RB	0.613	27.0	501.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 50%	0.480	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 100%	0.480	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 1 RB	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 50%	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 100%	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 1 RB	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 50%	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 100%	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 1 RB	0.573	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 50%	0.656	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 7_QPSK 100%	0.656	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 1 RB	0.498	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 50%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 12_QPSK 100%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 1 RB	0.498	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 50%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 13_QPSK 100%	0.578	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140

Antenna Position	Antenna Type	Max EIRP (W)	Max EIRP (dBm)	LTE Band 2_QPSK 1RB	LTE Band 2_QPSK 50%	LTE Band 2_QPSK 100%	LTE Band 4_QPSK 1RB	LTE Band 4_QPSK 50%	LTE Band 4_QPSK 100%	LTE Band 5_QPSK 1RB	LTE Band 5_QPSK 50%	LTE Band 5_QPSK 100%	LTE Band 7_QPSK 1RB	LTE Band 7_QPSK 50%	LTE Band 7_QPSK 100%	LTE Band 12_QPSK 1RB	LTE Band 12_QPSK 50%	LTE Band 12_QPSK 100%	LTE Band 13_QPSK 1RB	LTE Band 13_QPSK 50%	LTE Band 13_QPSK 100%	LTE Band 17_QPSK 1RB	LTE Band 17_QPSK 50%	LTE Band 17_QPSK 100%	LTE Band 26_QPSK 1RB	LTE Band 26_QPSK 50%	LTE Band 26_QPSK 100%	LTE Band 41_QPSK 1RB	LTE Band 41_QPSK 50%	LTE Band 41_QPSK 100%
Unit				0.256	0.487	0.618	0.587	0.678	0.678	0.587	0.678	0.678	0.573	0.656	0.656	0.498	0.578	0.578	0.578	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578	0.498	0.578	0.578
				SAR(W/kg)																										
				10mm Gap																										
LTE Band 2_QPSK 1 RB	0.613	27.0	501.2	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 50%	0.480	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 2_QPSK 100%	0.480	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 1 RB	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 50%	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 4_QPSK 100%	0.468	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 1 RB	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 50%	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
LTE Band 5_QPSK 100%	0.364	23.0	199.5	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
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<Case 62>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0 WWAN SAR	2 WLAN5/6GHz Ant 4+3	7 Thread Ant 3	9 GSM850_Ant 0 TX0	10 GSM1900_Ant 0 TX1	11 WCDMA II_Ant 0 TX1	12 WCDMA IV_Ant 0 TX1	13 WCDMA V_Ant 0 TX0	14 LTE Band 7_Ant 0 TX1	15 LTE Band 12_Ant 0 TX0	16 LTE Band 13_Ant 0 TX0	17 LTE Band 14_Ant 0 TX0	18 LTE Band 25_Ant 0 TX1	19 LTE Band 26_Ant 0 TX0	20 LTE Band 30_Ant 0 TX1	21 LTE Band 41_Ant 0 TX1	22 LTE Band 66_Ant 0 TX1	23 LTE Band 71_Ant 0 TX0	24 FR1 n7_Ant 0 TX1	25 FR1 n12_Ant 0 TX0	26 FR1 n14_Ant 0 TX0	27 FR1 n25_Ant 0 TX1	28 FR1 n26_Ant 0 TX0	29 FR1 n30_Ant 0 TX1	30 FR1 n41_Ant 0 TX1	31 FR1 n66_Ant 0 TX1	32 FR1 n70_Ant 0 TX1	33 FR1 n71_Ant 0 TX0
Front	1g SAR (W/kg)			0.521	0.497	0.646	0.597	0.476	0.640	0.402	0.373	0.353	0.651	0.399	0.479	0.620	0.600	0.263	0.433	0.387	0.410	0.641	0.355	0.486	0.601	0.550	0.597	0.300
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR	0+2+7+12 Summed SAR	0+2+7+13 Summed SAR	0+2+7+14 Summed SAR	0+2+7+15 Summed SAR	0+2+7+16 Summed SAR	0+2+7+17 Summed SAR	0+2+7+18 Summed SAR	0+2+7+19 Summed SAR	0+2+7+20 Summed SAR	0+2+7+21 Summed SAR	0+2+7+22 Summed SAR	0+2+7+23 Summed SAR	0+2+7+24 Summed SAR	0+2+7+25 Summed SAR	0+2+7+26 Summed SAR	0+2+7+27 Summed SAR	0+2+7+28 Summed SAR	0+2+7+29 Summed SAR	0+2+7+30 Summed SAR	0+2+7+31 Summed SAR	0+2+7+32 Summed SAR	0+2+7+33 Summed SAR
GSM850_Ant 1 TX1	0.623	0.217	0.141	1.502	1.478	1.627	1.578	1.457	1.621	1.383	1.354	1.334	1.632	1.380	1.460	1.601	1.581	1.244	1.414	1.368	1.391	1.622	1.336	1.467	1.582	1.531	1.578	1.281
WCDMA V_Ant 1 TX1	0.401	0.217	0.141	1.280	1.256	1.405	1.356	1.235	1.399	1.161	1.132	1.112	1.410	1.158	1.238	1.379	1.359	1.022	1.192	1.146	1.169	1.400	1.114	1.245	1.360	1.309	1.356	1.059
LTE Band 12_Ant 1 TX1	0.330	0.217	0.141	1.209	1.185	1.334	1.285	1.164	1.328	1.090	1.061	1.041	1.339	1.087	1.167	1.308	1.288	0.951	1.121	1.075	1.098	1.329	1.043	1.174	1.289	1.238	1.285	0.988
LTE Band 13_Ant 1 TX1	0.440	0.217	0.141	1.319	1.295	1.444	1.395	1.274	1.438	1.200	1.171	1.151	1.449	1.197	1.277	1.418	1.398	1.061	1.231	1.185	1.208	1.439	1.153	1.284	1.399	1.348	1.395	1.098
LTE Band 14_Ant 1 TX1	0.464	0.217	0.141	1.343	1.319	1.468	1.419	1.298	1.462	1.224	1.195	1.175	1.473	1.221	1.301	1.442	1.422	1.085	1.255	1.209	1.232	1.463	1.177	1.308	1.423	1.372	1.419	1.122
LTE Band 25_Ant 1 Sub TX0	0.451	0.217	0.141	1.330	1.306	1.455	1.406	1.285	1.449	1.211	1.182	1.162	1.460	1.208	1.288	1.429	1.409	1.072	1.242	1.196	1.219	1.450	1.164	1.295	1.410	1.359	1.406	1.109
LTE Band 26_Ant 1 TX1	0.301	0.217	0.141	1.180	1.156	1.305	1.256	1.135	1.299	1.061	1.032	1.012	1.310	1.058	1.138	1.279	1.259	0.922	1.092	1.046	1.069	1.300	1.014	1.145	1.260	1.209	1.256	0.959
LTE Band 66_Ant 1 Sub TX0	0.440	0.217	0.141	1.319	1.295	1.444	1.395	1.274	1.438	1.200	1.171	1.151	1.449	1.197	1.277	1.418	1.398	1.061	1.231	1.185	1.208	1.439	1.153	1.284	1.399	1.348	1.395	1.098
LTE Band 71_Ant 1 TX1	0.263	0.217	0.141	1.142	1.118	1.267	1.218	1.097	1.261	1.023	0.994	0.974	1.272	1.020	1.100	1.241	1.221	0.884	1.054	1.008	1.031	1.262	0.976	1.107	1.222	1.171	1.218	0.921
FR1 n12_Ant 1 TX1	0.359	0.217	0.141	1.238	1.214	1.363	1.314	1.193	1.357	1.119	1.090	1.070	1.368	1.116	1.196	1.337	1.317	0.980	1.150	1.104	1.127	1.358	1.072	1.203	1.318	1.267	1.314	1.017
FR1 n14_Ant 1 TX1	0.473	0.217	0.141	1.352	1.328	1.477	1.428	1.307	1.471	1.233	1.204	1.184	1.482	1.230	1.310	1.451	1.431	1.094	1.264	1.218	1.241	1.472	1.186	1.317	1.432	1.381	1.428	1.131
FR1 n25_Ant 1 Sub TX0	0.321	0.217	0.141	1.200	1.176	1.325	1.276	1.155	1.319	1.081	1.052	1.032	1.330	1.078	1.158	1.299	1.279	0.942	1.112	1.066	1.089	1.320	1.034	1.165	1.280	1.229	1.276	0.979
FR1 n26_Ant 1 TX1	0.342	0.217	0.141	1.221	1.197	1.346	1.297	1.176	1.340	1.102	1.073	1.053	1.351	1.099	1.179	1.320	1.300	0.963	1.133	1.087	1.110	1.341	1.055	1.186	1.301	1.250	1.297	1.000
FR1 n41_Ant 1 Sub TX0	0.495	0.217	0.141	1.374	1.350	1.499	1.450	1.329	1.493	1.255	1.226	1.206	1.504	1.252	1.332	1.473	1.453	1.116	1.286	1.240	1.263	1.494	1.208	1.339	1.454	1.403	1.450	1.153
FR1 n48_Ant 1 Sub TX0	0.263	0.217	0.141	1.142	1.118	1.267	1.218	1.097	1.261	1.023	0.994	0.974	1.272	1.020	1.100	1.241	1.221	0.884	1.054	1.008	1.031	1.262	0.976	1.107	1.222	1.171	1.218	0.921
FR1 n66_Ant 1 Sub TX0	0.488	0.217	0.141	1.367	1.343	1.492	1.443	1.322	1.486	1.248	1.219	1.199	1.497	1.245	1.325	1.466	1.446	1.109	1.279	1.233	1.256	1.487	1.201	1.332	1.447	1.396	1.443	1.146
FR1 n71_Ant 1 TX1	0.299	0.217	0.141	1.178	1.154	1.303	1.254	1.133	1.297	1.059	1.030	1.010	1.308	1.056	1.136	1.277	1.257	0.920	1.090	1.044	1.067	1.298	1.012	1.143	1.258	1.207	1.254	0.957
FR1 n77_Ant 1 Sub TX0	0.274	0.217	0.141	1.153	1.129	1.278	1.229	1.108	1.272	1.034	1.005	0.985	1.283	1.031	1.111	1.252	1.232	0.895	1.065	1.019	1.042	1.273	0.987	1.118	1.233	1.182	1.229	0.932

SAR peak location (mm)			X (axis)		-60.7	-59	-38.1	-44.1	-37.6	-46.3	-44.3	-39	-29	-43.4	-43.4	-43.1	-44.3	-39.5	-38	-43.6	-25.7	-41.5	-29.5	-40.6	-44.6	-37.6	-36.5	-37.5	-46.6	-41.6	-22
			Y (axis)		68.2	31.5	-83.9	-79.9	-76.9	-80.9	-79.9	-78	-5.5	-79.9	-79.9	-79.4	-80.4	-76.5	-78.5	-79.9	-11	-76.5	-7.5	-81.4	-81.9	-80.4	-79	-78.5	-78.4	-78.4	-29
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0 WWAN SAR	2 WLAN5/6GHz Ant 4+3	7 Thread Ant 3	9 GSM850_Ant 0 TX0	10 GSM1900_Ant 0 TX1	11 WCDMA II_Ant 0 TX1	12 WCDMA IV_Ant 0 TX1	13 WCDMA V_Ant 0 TX0	14 LTE Band 7_Ant 0 TX1	15 LTE Band 12_Ant 0 TX0	16 LTE Band 13_Ant 0 TX0	17 LTE Band 14_Ant 0 TX0	18 LTE Band 25_Ant 0 TX1	19 LTE Band 26_Ant 0 TX0	20 LTE Band 30_Ant 0 TX1	21 LTE Band 41_Ant 0 TX1	22 LTE Band 66_Ant 0 TX1	23 LTE Band 71_Ant 0 TX0	24 FR1 n7_Ant 0 TX1	25 FR1 n12_Ant 0 TX0	26 FR1 n14_Ant 0 TX0	27 FR1 n25_Ant 0 TX1	28 FR1 n26_Ant 0 TX0	29 FR1 n30_Ant 0 TX1	30 FR1 n41_Ant 0 TX1	31 FR1 n66_Ant 0 TX1	32 FR1 n70_Ant 0 TX1	33 FR1 n71_Ant 0 TX0
			Front	1g SAR (W/kg)			0.521	0.497	0.646	0.597	0.476	0.64	0.402	0.373	0.353	0.651	0.399	0.479	0.62	0.6	0.263	0.433	0.387	0.41	0.641	0.355	0.486	0.601	0.55	0.597	0.3
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results	0+2+7+12 SPLSR Results	0+2+7+13 SPLSR Results	0+2+7+14 SPLSR Results	0+2+7+15 SPLSR Results	0+2+7+16 SPLSR Results	0+2+7+17 SPLSR Results	0+2+7+18 SPLSR Results	0+2+7+19 SPLSR Results	0+2+7+20 SPLSR Results	0+2+7+21 SPLSR Results	0+2+7+22 SPLSR Results	0+2+7+23 SPLSR Results	0+2+7+24 SPLSR Results	0+2+7+25 SPLSR Results	0+2+7+26 SPLSR Results	0+2+7+27 SPLSR Results	0+2+7+28 SPLSR Results	0+2+7+29 SPLSR Results	0+2+7+30 SPLSR Results	0+2+7+31 SPLSR Results	0+2+7+32 SPLSR Results	0+2+7+33 SPLSR Results
-47.8	53.6	-207	GSM850_Ant 1 TX1	0.623	0.217	0.141			0.02			0.02				0.02			0.02						0.02						
-52.3	56.1	-207	WCDMA V_Ant 1 TX1	0.401	0.217	0.141																									
-55.8	54.1	-207	LTE Band 12_Ant 1 TX1	0.330	0.217	0.141																									
-52.3	55.3	-207	LTE Band 13_Ant 1 TX1	0.440	0.217	0.141																									
-51.3	54.3	-207	LTE Band 14_Ant 1 TX1	0.464	0.217	0.141																									
-46.2	81.6	-207	LTE Band 25_Ant 1 Sub TX0	0.451	0.217	0.141																									
-52.3	56.1	-207	LTE Band 26_Ant 1 TX1	0.301	0.217	0.141																									
-47.9	81.4	-207	LTE Band 66_Ant 1 Sub TX0	0.440	0.217	0.141																									
-57.8	53.8	-207	LTE Band 71_Ant 1 TX1	0.263	0.217	0.141																									
-56.3	54.8	-207	FR1 n12_Ant 1 TX1	0.359	0.217	0.141																									
-52.8	54.8	-207	FR1 n14_Ant 1 TX1	0.473	0.217	0.141																									
-51.3	75.7	-207	FR1 n25_Ant 1 Sub TX0	0.321	0.217	0.141																									
-52.1	56.1	-207	FR1 n26_Ant 1 TX1	0.342	0.217	0.141																									
-39	80.5	-207	FR1 n41_Ant 1 Sub TX0	0.495	0.217	0.141																									
-11.5	85	-207	FR1 n48_Ant 1 Sub TX0	0.263	0.217	0.141																									
-47.9	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.488	0.217	0.141																									
-55.8	54.3	-207	FR1 n71_Ant 1 TX1	0.299	0.217	0.141																									
-64.5	64	-207	FR1 n77_Ant 1 Sub TX0	0.274	0.217	0.141																									

<Case 63>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0 WWAN SAR	1 WLAN2.4GHz Ant 3	2 WLAN5/6GHz Ant 4+3	9 GSM850_Ant 0 TX0	10 GSM1900_Ant 0 TX1	11 WCDMA II_Ant 0 TX1	12 WCDMA IV_Ant 0 TX1	13 WCDMA V_Ant 0 TX0	14 LTE Band 7_Ant 0 TX1	15 LTE Band 12_Ant 0 TX0	16 LTE Band 13_Ant 0 TX0	17 LTE Band 14_Ant 0 TX0	18 LTE Band 25_Ant 0 TX1	19 LTE Band 26_Ant 0 TX0	20 LTE Band 30_Ant 0 TX1	21 LTE Band 41_Ant 0 TX1	22 LTE Band 66_Ant 0 TX1	23 LTE Band 71_Ant 0 TX0	24 FR1 n7_Ant 0 TX1	25 FR1 n12_Ant 0 TX0	26 FR1 n14_Ant 0 TX0	27 FR1 n25_Ant 0 TX1	28 FR1 n26_Ant 0 TX0	29 FR1 n30_Ant 0 TX1	30 FR1 n41_Ant 0 TX1	31 FR1 n66_Ant 0 TX1	32 FR1 n70_Ant 0 TX1	33 FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR	0+1+2+25 Summed SAR	0+1+2+26 Summed SAR	0+1+2+27 Summed SAR	0+1+2+28 Summed SAR	0+1+2+29 Summed SAR	0+1+2+30 Summed SAR	0+1+2+31 Summed SAR	0+1+2+32 Summed SAR	0+1+2+33 Summed SAR
GSM850_Ant 1 TX1	0.640	0.157	0.276	1.881	1.740	1.894	1.896	1.799	1.876	1.455	1.644	1.689	1.888	1.750	1.826	1.899	1.908	1.459	1.689	1.466	1.643	1.891	1.728	1.790	1.878	1.850	1.753	1.430
WCDMA V_Ant 1 TX1	0.490	0.157	0.276	1.731	1.590	1.744	1.746	1.649	1.726	1.305	1.494	1.539	1.738	1.600	1.676	1.749	1.758	1.309	1.539	1.316	1.493	1.741	1.578	1.640	1.728	1.700	1.603	1.280
LTE Band 12_Ant 1 TX1	0.351	0.157	0.276	1.592	1.451	1.605	1.607	1.510	1.587	1.166	1.355	1.400	1.599	1.461	1.537	1.610	1.619	1.170	1.400	1.177	1.354	1.602	1.439	1.501	1.589	1.561	1.464	1.141
LTE Band 13_Ant 1 TX1	0.515	0.157	0.276	1.756	1.615	1.769	1.771	1.674	1.751	1.330	1.519	1.564	1.763	1.625	1.701	1.774	1.783	1.334	1.564	1.341	1.518	1.766	1.603	1.665	1.753	1.725	1.628	1.305
LTE Band 14_Ant 1 TX1	0.520	0.157	0.276	1.761	1.620	1.774	1.776	1.679	1.756	1.335	1.524	1.569	1.768	1.630	1.706	1.779	1.788	1.339	1.569	1.346	1.523	1.771	1.608	1.670	1.758	1.730	1.633	1.310
LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	2.083	1.942	2.096	2.098	2.001	2.078	1.657	1.846	1.891	2.090	1.952	2.028	2.101	2.110	1.661	1.891	1.668	1.845	2.093	1.930	1.992	2.080	2.052	1.955	1.632
LTE Band 26_Ant 1 TX1	0.417	0.157	0.276	1.658	1.517	1.671	1.673	1.576	1.653	1.232	1.421	1.466	1.665	1.527	1.603	1.676	1.685	1.236	1.466	1.243	1.420	1.668	1.505	1.567	1.655	1.627	1.530	1.207
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	2.073	1.932	2.086	2.088	1.991	2.068	1.647	1.836	1.881	2.080	1.942	2.018	2.091	2.100	1.651	1.881	1.658	1.835	2.083	1.920	1.982	2.070	2.042	1.945	1.622
LTE Band 71_Ant 1 TX1	0.289	0.157	0.276	1.530	1.389	1.543	1.545	1.448	1.525	1.104	1.293	1.338	1.537	1.399	1.475	1.548	1.557	1.108	1.338	1.115	1.292	1.540	1.377	1.439	1.527	1.499	1.402	1.079
FR1 n12_Ant 1 TX1	0.422	0.157	0.276	1.663	1.522	1.676	1.678	1.581	1.658	1.237	1.426	1.471	1.670	1.532	1.608	1.681	1.690	1.241	1.471	1.248	1.425	1.673	1.510	1.572	1.660	1.632	1.535	1.212
FR1 n14_Ant 1 TX1	0.533	0.157	0.276	1.774	1.633	1.787	1.789	1.692	1.769	1.348	1.537	1.582	1.781	1.643	1.719	1.792	1.801	1.352	1.582	1.359	1.536	1.784	1.621	1.683	1.771	1.743	1.646	1.323
FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.276	1.987	1.846	2.000	2.002	1.905	1.982	1.561	1.750	1.795	1.994	1.856	1.932	2.005	2.014	1.565	1.795	1.572	1.749	1.997	1.834	1.896	1.984	1.956	1.859	1.536
FR1 n26_Ant 1 TX1	0.424	0.157	0.276	1.665	1.524	1.678	1.680	1.583	1.660	1.239	1.428	1.473	1.672	1.534	1.610	1.683	1.692	1.243	1.473	1.250	1.427	1.675	1.512	1.574	1.662	1.634	1.537	1.214
FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	2.060	1.919	2.073	2.075	1.978	2.055	1.634	1.823	1.868	2.067	1.929	2.005	2.078	2.087	1.638	1.868	1.645	1.822	2.070	1.907	1.969	2.057	2.029	1.932	1.609
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276	1.584	1.443	1.597	1.599	1.502	1.579	1.158	1.347	1.392	1.591	1.453	1.529	1.602	1.611	1.162	1.392	1.169	1.346	1.594	1.431	1.493	1.581	1.553	1.456	1.133
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	1.963	1.822	1.976	1.978	1.881	1.958	1.537	1.726	1.771	1.970	1.832	1.908	1.981	1.990	1.541	1.771	1.548	1.725	1.973	1.810	1.872	1.960	1.932	1.835	1.512
FR1 n71_Ant 1 TX1	0.346	0.157	0.276	1.587	1.446	1.600	1.602	1.505	1.582	1.161	1.350	1.395	1.594	1.456	1.532	1.605	1.614	1.165	1.395	1.172	1.349	1.597	1.434	1.496	1.584	1.556	1.459	1.136
FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	1.625	1.484	1.638	1.640	1.543	1.620	1.199	1.388	1.433	1.632	1.494	1.570	1.643	1.652	1.203	1.433	1.210	1.387	1.635	1.472	1.534	1.622	1.594	1.497	1.174

SAR peak location (mm)			X (axis)		14	0.3	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		30.5	67	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0 WWAN SAR	1 WLAN2.4GHz Ant 3	2 WLAN5/6GHz Ant 4+3	9 GSM850_Ant 0 TX0	10 GSM1900_Ant 0 TX1	11 WCDMA II_Ant 0 TX1	12 WCDMA IV_Ant 0 TX1	13 WCDMA V_Ant 0 TX0	14 LTE Band 7_Ant 0 TX1	15 LTE Band 12_Ant 0 TX0	16 LTE Band 13_Ant 0 TX0	17 LTE Band 14_Ant 0 TX0	18 LTE Band 25_Ant 0 TX1	19 LTE Band 26_Ant 0 TX0	20 LTE Band 30_Ant 0 TX1	21 LTE Band 41_Ant 0 TX1	22 LTE Band 66_Ant 0 TX1	23 LTE Band 71_Ant 0 TX0	24 FR1 n7_Ant 0 TX1	25 FR1 n12_Ant 0 TX0	26 FR1 n14_Ant 0 TX0	27 FR1 n25_Ant 0 TX1	28 FR1 n26_Ant 0 TX0	29 FR1 n30_Ant 0 TX1	30 FR1 n41_Ant 0 TX1	31 FR1 n66_Ant 0 TX1	32 FR1 n70_Ant 0 TX1	33 FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results	0+1+2+25 SPLSR Results	0+1+2+26 SPLSR Results	0+1+2+27 SPLSR Results	0+1+2+28 SPLSR Results	0+1+2+29 SPLSR Results	0+1+2+30 SPLSR Results	0+1+2+31 SPLSR Results	0+1+2+32 SPLSR Results	0+1+2+33 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.157	0.276	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.157	0.276	0.02		0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02		0.02	0.02	0.02	0.02	
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.157	0.276			0.02	0.02						0.02			0.02	0.02					0.02						
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.157	0.276	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.157	0.276	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	0.03	0.02	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.02	0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.157	0.276	0.02		0.02	0.02		0.02				0.02		0.02	0.02	0.02					0.02			0.02	0.02		
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	0.03	0.02	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.02	0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.157	0.276																									
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.157	0.276	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02	0.02		
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.157	0.276	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.276	0.02	0.02	0.03	0.02	0.02	0.03		0.02	0.02	0.03	0.02	0.02	0.03	0.03		0.02		0.02	0.02	0.02	0.02	0.03	0.03	0.02	
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.157	0.276	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.03	0.02		
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	0.03	0.02	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.02	0.02
-26.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276			0.02	0.02									0.02	0.02											
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	0.02	0.02	0.03	0.02	0.02	0.03		0.02	0.02	0.03	0.02	0.02	0.03	0.03		0.02		0.02	0.02	0.02	0.02	0.03	0.03	0.02	
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.157	0.276			0.02	0.02									0.02	0.02					0.02						
14.5	80	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02			

<Case 64>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0 WWAN SAR	1 WLAN2.4GHz Ant 4	2 WLAN5/6GHz Ant 4+3	9 GSM850_Ant 0 TX0	10 GSM1900_Ant 0 TX1	11 WCDMA II_Ant 0 TX1	12 WCDMA IV_Ant 0 TX1	13 WCDMA V_Ant 0 TX0	14 LTE Band 7_Ant 0 TX1	15 LTE Band 12_Ant 0 TX0	16 LTE Band 13_Ant 0 TX0	17 LTE Band 14_Ant 0 TX0	18 LTE Band 25_Ant 0 TX1	19 LTE Band 26_Ant 0 TX0	20 LTE Band 30_Ant 0 TX1	21 LTE Band 41_Ant 0 TX1	22 LTE Band 66_Ant 0 TX1	23 LTE Band 71_Ant 0 TX0	24 FR1 n7_Ant 0 TX1	25 FR1 n12_Ant 0 TX0	26 FR1 n14_Ant 0 TX0	27 FR1 n25_Ant 0 TX1	28 FR1 n26_Ant 0 TX0	29 FR1 n30_Ant 0 TX1	30 FR1 n41_Ant 0 TX1	31 FR1 n66_Ant 0 TX1	32 FR1 n70_Ant 0 TX1	33 FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR	0+1+2+25 Summed SAR	0+1+2+26 Summed SAR	0+1+2+27 Summed SAR	0+1+2+28 Summed SAR	0+1+2+29 Summed SAR	0+1+2+30 Summed SAR	0+1+2+31 Summed SAR	0+1+2+32 Summed SAR	0+1+2+33 Summed SAR
GSM850_Ant 1 TX1	0.640	0.062	0.276	1.786	1.645	1.799	1.801	1.704	1.781	1.360	1.549	1.594	1.793	1.655	1.731	1.804	1.813	1.364	1.594	1.371	1.548	1.796	1.633	1.695	1.783	1.755	1.658	1.335
WCDMA V_Ant 1 TX1	0.490	0.062	0.276	1.636	1.495	1.649	1.651	1.554	1.631	1.210	1.399	1.444	1.643	1.505	1.581	1.654	1.663	1.214	1.444	1.221	1.398	1.646	1.483	1.545	1.633	1.605	1.508	1.185
LTE Band 12_Ant 1 TX1	0.351	0.062	0.276	1.497	1.356	1.510	1.512	1.415	1.492	1.071	1.260	1.305	1.504	1.366	1.442	1.515	1.524	1.075	1.305	1.082	1.259	1.507	1.344	1.406	1.494	1.466	1.369	1.046
LTE Band 13_Ant 1 TX1	0.515	0.062	0.276	1.661	1.520	1.674	1.676	1.579	1.656	1.235	1.424	1.469	1.668	1.530	1.606	1.679	1.688	1.239	1.469	1.246	1.423	1.671	1.508	1.570	1.658	1.630	1.533	1.210
LTE Band 14_Ant 1 TX1	0.520	0.062	0.276	1.666	1.525	1.679	1.681	1.584	1.661	1.240	1.429	1.474	1.673	1.535	1.611	1.684	1.693	1.244	1.474	1.251	1.428	1.676	1.513	1.575	1.663	1.635	1.538	1.215
LTE Band 25_Ant 1 Sub TX0	0.842	0.062	0.276	1.988	1.847	2.001	2.003	1.906	1.983	1.562	1.751	1.796	1.995	1.857	1.933	2.006	2.015	1.566	1.796	1.573	1.750	1.998	1.835	1.897	1.985	1.957	1.860	1.537
LTE Band 26_Ant 1 TX1	0.417	0.062	0.276	1.563	1.422	1.576	1.578	1.481	1.558	1.137	1.326	1.371	1.570	1.432	1.508	1.581	1.590	1.141	1.371	1.148	1.325	1.573	1.410	1.472	1.560	1.532	1.435	1.112
LTE Band 66_Ant 1 Sub TX0	0.832	0.062	0.276	1.978	1.837	1.991	1.993	1.896	1.973	1.552	1.741	1.786	1.985	1.847	1.923	1.996	2.005	1.556	1.786	1.563	1.740	1.988	1.825	1.887	1.975	1.947	1.850	1.527
LTE Band 71_Ant 1 TX1	0.289	0.062	0.276	1.435	1.294	1.448	1.450	1.353	1.430	1.009	1.198	1.243	1.442	1.304	1.380	1.453	1.462	1.013	1.243	1.020	1.197	1.445	1.282	1.344	1.432	1.404	1.307	0.984
FR1 n12_Ant 1 TX1	0.422	0.062	0.276	1.568	1.427	1.581	1.583	1.486	1.563	1.142	1.331	1.376	1.575	1.437	1.513	1.586	1.595	1.146	1.376	1.153	1.330	1.578	1.415	1.477	1.565	1.537	1.440	1.117
FR1 n14_Ant 1 TX1	0.533	0.062	0.276	1.679	1.538	1.692	1.694	1.597	1.674	1.253	1.442	1.487	1.686	1.548	1.624	1.697	1.706	1.257	1.487	1.264	1.441	1.689	1.526	1.588	1.676	1.648	1.551	1.228
FR1 n25_Ant 1 Sub TX0	0.746	0.062	0.276	1.892	1.751	1.905	1.907	1.810	1.887	1.466	1.655	1.700	1.899	1.761	1.837	1.910	1.919	1.470	1.700	1.477	1.654	1.902	1.739	1.801	1.889	1.861	1.764	1.441
FR1 n26_Ant 1 TX1	0.424	0.062	0.276	1.570	1.429	1.583	1.585	1.488	1.565	1.144	1.333	1.378	1.577	1.439	1.515	1.588	1.597	1.148	1.378	1.155	1.332	1.580	1.417	1.479	1.567	1.539	1.442	1.119
FR1 n41_Ant 1 Sub TX0	0.819	0.062	0.276	1.965	1.824	1.978	1.980	1.883	1.960	1.539	1.728	1.773	1.972	1.834	1.910	1.983	1.992	1.543	1.773	1.550	1.727	1.975	1.812	1.874	1.962	1.934	1.837	1.514
FR1 n48_Ant 1 Sub TX0	0.343	0.062	0.276	1.489	1.348	1.502	1.504	1.407	1.484	1.063	1.252	1.297	1.496	1.358	1.434	1.507	1.516	1.067	1.297	1.074	1.251	1.499	1.336	1.398	1.486	1.458	1.361	1.038
FR1 n66_Ant 1 Sub TX0	0.722	0.062	0.276	1.868	1.727	1.881	1.883	1.786	1.863	1.442	1.631	1.676	1.875	1.737	1.813	1.886	1.895	1.446	1.676	1.453	1.630	1.878	1.715	1.777	1.865	1.837	1.740	1.417
FR1 n71_Ant 1 TX1	0.346	0.062	0.276	1.492	1.351	1.505	1.507	1.410	1.487	1.066	1.255	1.300	1.499	1.361	1.437	1.510	1.519	1.070	1.300	1.077	1.254	1.502	1.339	1.401	1.489	1.461	1.364	1.041
FR1 n77_Ant 1 Sub TX0	0.384	0.062	0.276	1.530	1.389	1.543	1.545	1.448	1.525	1.104	1.293	1.338	1.537	1.399	1.475	1.548	1.557	1.108	1.338	1.115	1.292	1.540	1.377	1.439	1.527	1.499	1.402	1.079

SAR peak location (mm)			X (axis)		-59	0.3	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		26	67	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0 WWAN SAR	1 WLAN2.4GHz Ant 4	2 WLAN5/6GHz Ant 4+3	9 GSM850_Ant 0 TX0	10 GSM1900_Ant 0 TX1	11 WCDMA II_Ant 0 TX1	12 WCDMA IV_Ant 0 TX1	13 WCDMA V_Ant 0 TX0	14 LTE Band 7_Ant 0 TX1	15 LTE Band 12_Ant 0 TX0	16 LTE Band 13_Ant 0 TX0	17 LTE Band 14_Ant 0 TX0	18 LTE Band 25_Ant 0 TX1	19 LTE Band 26_Ant 0 TX0	20 LTE Band 30_Ant 0 TX1	21 LTE Band 41_Ant 0 TX1	22 LTE Band 66_Ant 0 TX1	23 LTE Band 71_Ant 0 TX0	24 FR1 n7_Ant 0 TX1	25 FR1 n12_Ant 0 TX0	26 FR1 n14_Ant 0 TX0	27 FR1 n25_Ant 0 TX1	28 FR1 n26_Ant 0 TX0	29 FR1 n30_Ant 0 TX1	30 FR1 n41_Ant 0 TX1	31 FR1 n66_Ant 0 TX1	32 FR1 n70_Ant 0 TX1	33 FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results	0+1+2+25 SPLSR Results	0+1+2+26 SPLSR Results	0+1+2+27 SPLSR Results	0+1+2+28 SPLSR Results	0+1+2+29 SPLSR Results	0+1+2+30 SPLSR Results	0+1+2+31 SPLSR Results	0+1+2+32 SPLSR Results	0+1+2+33 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.062	0.276	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02	0.02		
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.062	0.276																									
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.062	0.276	0.02		0.02	0.02		0.02				0.02		0.02	0.02	0.02					0.02			0.02	0.02		
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.062	0.276	0.02		0.02	0.02		0.02				0.02		0.02	0.02	0.02					0.02			0.02	0.02		
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.062	0.276																									
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.062	0.276																									
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.062	0.276														0.02											
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.062	0.276	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02			0.02	0.02		
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.062	0.276														0.02											
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-26.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.062	0.276																									
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.062	0.276																									
14.5	80	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.062	0.276																									

<Case 65>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
	Antenna Type	Model Name (AE1-2/3-4)	Model Name (AE 5-6)	LTE Band 2_QPSK 1RB	LTE Band 2_QPSK 50%	LTE Band 2_QPSK 100%	LTE Band 4_QPSK 1RB	LTE Band 4_QPSK 50%	LTE Band 4_QPSK 100%	LTE Band 5_QPSK 1RB	LTE Band 5_QPSK 50%	LTE Band 5_QPSK 100%	LTE Band 7_QPSK 1RB	LTE Band 7_QPSK 50%	LTE Band 7_QPSK 100%	LTE Band 12_QPSK 1RB	LTE Band 12_QPSK 50%	LTE Band 12_QPSK 100%	LTE Band 13_QPSK 1RB	LTE Band 13_QPSK 50%	LTE Band 13_QPSK 100%	LTE Band 17_QPSK 1RB	LTE Band 17_QPSK 50%	LTE Band 17_QPSK 100%	LTE Band 26_QPSK 1RB	LTE Band 26_QPSK 50%	LTE Band 26_QPSK 100%	LTE Band 41_QPSK 1RB	LTE Band 41_QPSK 50%	LTE Band 41_QPSK 100%	LTE Band 66_QPSK 1RB	LTE Band 66_QPSK 50%	LTE Band 66_QPSK 100%
				0.296	0.587	0.576	0.592	0.587	0.576	0.596	0.587	0.576	0.596	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576
Back				0.296	0.587	0.576	0.592	0.587	0.576	0.596	0.587	0.576	0.596	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576
				0.296	0.587	0.576	0.592	0.587	0.576	0.596	0.587	0.576	0.596	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576	0.592	0.587	0.576
LTE Band 2_QPSK 1RB	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 2_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 2_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 4_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 4_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 4_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 5_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 5_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 5_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 7_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 7_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 7_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 12_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 12_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 12_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 13_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 13_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 13_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 17_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 17_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 17_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 26_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 26_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 26_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 41_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 41_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 41_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576
LTE Band 66_QPSK 1RB	0.596	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576
LTE Band 66_QPSK 50%	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
LTE Band 66_QPSK 100%	0.592	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.192	0.576	0.576	1.192	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576	1.184	0.576	0.576

SAR (peak 1g value) (mW)																																	
			Column	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
			Row	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
				AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ
			Antenna Position	LTE Band 2_QPSK 1RB	LTE Band 2_QPSK 50%	LTE Band 2_QPSK 100%	LTE Band 4_QPSK 1RB	LTE Band 4_QPSK 50%	LTE Band 4_QPSK 100%	LTE Band 5_QPSK 1RB	LTE Band 5_QPSK 50%	LTE Band 5_QPSK 100%	LTE Band 7_QPSK 1RB	LTE Band 7_QPSK 50%	LTE Band 7_QPSK 100%	LTE Band 12_QPSK 1RB	LTE Band 12_QPSK 50%	LTE Band 12_QPSK 100%	LTE Band 13_QPSK 1RB	LTE Band 13_QPSK 50%	LTE Band 13_QPSK 100%	LTE Band 17_QPSK 1RB	LTE Band 17_QPSK 50%	LTE Band 17_QPSK 100%	LTE Band 26_QPSK 1RB	LTE Band 26_QPSK 50%	LTE Band 26_QPSK 100%	LTE Band 41_QPSK 1RB	LTE Band 41_QPSK 50%	LTE Band 41_QPSK 100%	LTE Band 66_QPSK 1RB	LTE Band 66_QPSK 50%	LTE Band 66_QPSK 100%
X (cm)	Y (cm)	Z (cm)		0.592	0.587	0.592	0.596	0.587	0.592	0.596	0.587	0.592	0.596	0.587	0.592	0.592	0.587	0.592	0.592	0.587	0.592	0.592	0.587	0.592	0.592	0.587	0.592	0.592	0.587	0.592	0.592	0.587	0.592
				0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
				1.184	0.576	1.184	1.192	0.576	1.192	1.192	0.576	1.192	1.192	0.576	1.192	1.184	0.576	1.184	1.184	0.576	1.184	1.184	0.576	1.184	1.184	0.576	1.184	1.184	0.576	1.184	1.184	0.576	1.184
2.5	36.1	287	LTE Band 2_QPSK 1RB	0.592	0.576	0.592	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 2_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 2_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 4_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 4_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 4_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 5_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 5_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 5_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 7_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 7_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 7_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 12_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 12_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 12_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 13_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 13_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 13_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 17_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 17_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 17_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 26_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 26_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 26_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 41_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 41_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 41_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592
2.5	36.1	287	LTE Band 66_QPSK 1RB	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596	0.596	0.576	0.596
2.5	36.1	287	LTE Band 66_QPSK 50%	0.587	0.576	0.587	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587	0.587	0.576	0.587
2.5	36.1	287	LTE Band 66_QPSK 100%	0.592	0.576	0.592	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592	0.592	0.576	0.592

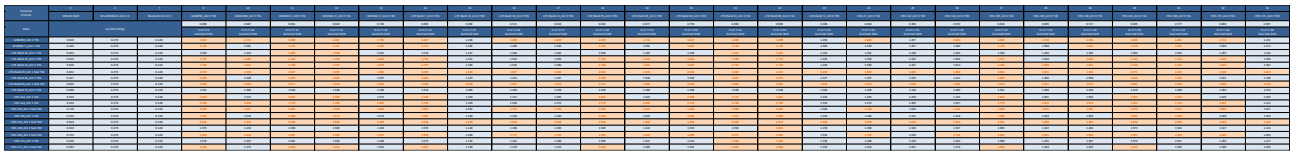
<Case 66>

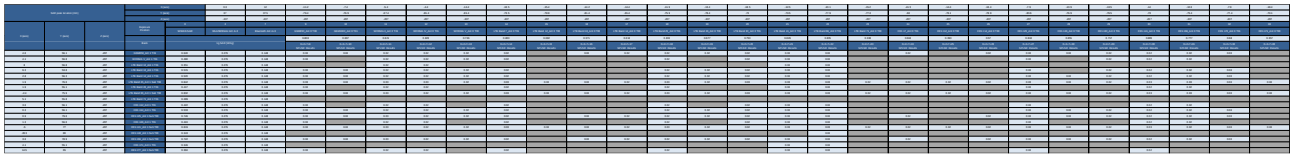
SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF

<Case 68>

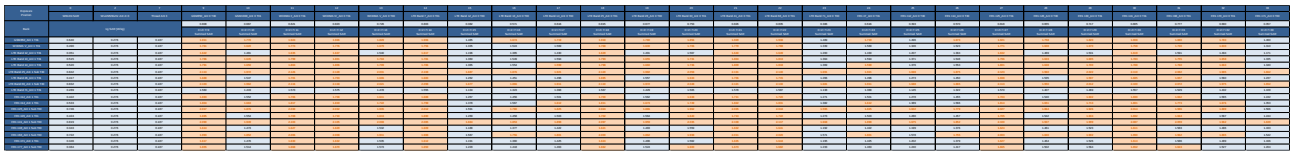
SPLSR calculation for summation SAR>1.6W/kg

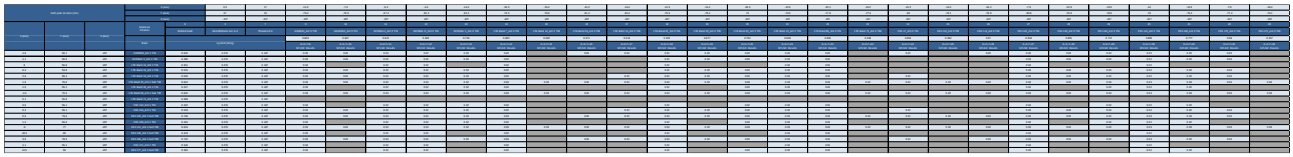




<Case 69>

SPLSR calculation for summation SAR>1.6W/kg





<Case 70>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 12_Ant 2 TX0	LTE Band 26_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.484	0.425	0.362	0.391	0.412	0.504	0.358	0.279	0.279	0.279	0.548	0.368	0.451
				1+1+2+9 Summed SAR	1+1+2+10 Summed SAR	1+1+2+11 Summed SAR	1+1+2+12 Summed SAR	1+1+2+13 Summed SAR	1+1+2+14 Summed SAR	1+1+2+15 Summed SAR	1+1+2+16 Summed SAR	1+1+2+17 Summed SAR	1+1+2+18 Summed SAR	1+1+2+19 Summed SAR	1+1+2+20 Summed SAR	1+1+2+21 Summed SAR	1+1+2+22 Summed SAR
GSM1900_Ant 0 TX0	0.868	0.157	0.276	1.436	1.760	1.544	1.412	1.417	1.494	1.769	1.299	1.011	1.019	1.030	1.787	1.335	1.642
GSM1900_Ant 0 TX0	0.667	0.157	0.276	1.514	1.561	1.515	1.412	1.481	1.512	1.601	1.458	1.043	1.079	1.039	1.646	1.458	1.511
WCDMA II_Ant 0 TX0	0.601	0.157	0.276	1.848	1.731	1.673	1.615	1.615	1.687	1.759	1.612	1.064	1.022	1.043	1.661	1.612	1.705
WCDMA II_Ant 0 TX0	0.603	0.157	0.276	1.879	1.717	1.691	1.615	1.612	1.669	1.760	1.614	0.994	1.019	1.030	1.654	1.614	1.717
WCDMA V_Ant 0 TX0	0.728	0.157	0.276	1.570	1.603	1.584	1.521	1.549	1.572	1.663	1.517	1.499	1.537	1.498	1.705	1.517	1.612
LTE Band 7_Ant 0 TX0	0.803	0.157	0.276	1.490	1.487	1.492	1.399	1.417	1.439	1.539	1.594	1.574	1.614	1.575	1.702	1.594	1.487
LTE Band 12_Ant 0 TX0	0.382	0.157	0.276	1.229	1.276	1.240	1.177	1.196	1.236	1.319	1.171	1.155	1.193	1.154	1.361	1.173	1.266
LTE Band 13_Ant 0 TX0	0.575	0.157	0.276	1.418	1.485	1.429	1.365	1.365	1.417	1.508	1.362	1.364	1.362	1.342	1.560	1.362	1.401
LTE Band 14_Ant 0 TX0	0.616	0.157	0.276	1.483	1.510	1.474	1.411	1.430	1.482	1.553	1.407	1.389	1.407	1.388	1.595	1.407	1.500
LTE Band 25_Ant 0 TX0	0.616	0.157	0.276	1.692	1.709	1.673	1.610	1.629	1.681	1.752	1.606	1.588	1.626	1.587	1.794	1.606	1.699
LTE Band 26_Ant 0 TX0	0.677	0.157	0.276	1.524	1.571	1.526	1.472	1.491	1.523	1.597	1.468	1.450	1.468	1.449	1.666	1.468	1.561
LTE Band 41_Ant 0 TX0	0.753	0.157	0.276	1.649	1.697	1.651	1.588	1.607	1.649	1.720	1.584	1.564	1.584	1.525	1.732	1.584	1.657
LTE Band 41_Ant 0 TX0	0.628	0.157	0.276	1.670	1.720	1.680	1.621	1.640	1.672	1.743	1.607	1.584	1.607	1.598	1.805	1.607	1.710
LTE Band 66_Ant 0 TX0	0.656	0.157	0.276	1.692	1.733	1.693	1.635	1.655	1.691	1.772	1.626	1.610	1.626	1.607	1.811	1.626	1.719
LTE Band 71_Ant 0 TX0	0.386	0.157	0.276	1.233	1.280	1.244	1.181	1.202	1.232	1.323	1.177	1.159	1.197	1.158	1.365	1.177	1.270
FR1 n7_Ant 0 TX0	0.618	0.157	0.276	1.483	1.510	1.474	1.411	1.430	1.482	1.553	1.407	1.389	1.407	1.388	1.595	1.407	1.500
FR1 n12_Ant 0 TX0	0.393	0.157	0.276	1.240	1.287	1.251	1.188	1.207	1.239	1.330	1.184	1.166	1.204	1.165	1.372	1.184	1.277
FR1 n14_Ant 0 TX0	0.570	0.157	0.276	1.417	1.464	1.428	1.365	1.384	1.416	1.507	1.361	1.343	1.361	1.342	1.549	1.361	1.454
FR1 n38_Ant 0 TX0	0.668	0.157	0.276	1.649	1.712	1.673	1.612	1.632	1.649	1.705	1.619	1.601	1.619	1.600	1.797	1.619	1.712
FR1 n38_Ant 0 TX0	0.665	0.157	0.276	1.550	1.549	1.513	1.450	1.469	1.501	1.592	1.448	1.429	1.464	1.427	1.633	1.448	1.539
FR1 n66_Ant 0 TX0	0.757	0.157	0.276	1.644	1.611	1.575	1.512	1.531	1.563	1.654	1.508	1.493	1.528	1.489	1.696	1.508	1.601
FR1 n66_Ant 0 TX0	0.805	0.157	0.276	1.692	1.693	1.655	1.592	1.612	1.653	1.732	1.588	1.573	1.610	1.577	1.782	1.588	1.681
FR1 n70_Ant 0 TX0	0.777	0.157	0.276	1.620	1.673	1.635	1.572	1.591	1.633	1.714	1.568	1.553	1.589	1.549	1.755	1.568	1.661
FR1 n70_Ant 0 TX0	0.680	0.157	0.276	1.527	1.574	1.538	1.475	1.494	1.526	1.617	1.471	1.453	1.491	1.452	1.669	1.471	1.564
FR1 n71_Ant 0 TX0	0.367	0.157	0.276	1.204	1.251	1.215	1.152	1.171	1.203	1.294	1.148	1.130	1.168	1.129	1.336	1.148	1.241

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	1.381	-5.4	-67.4	-207.0	99.8	1.54	0.02	Not required
WLAN2.4G Ant 3	0.157	14.0	30.5	-207.0				
Max WWAN Ant 2 + Max WWAN Ant 0	1.381	-56.5	-43.0	-207.0	123.8	1.66	0.02	Not required
WLAN5/6G Ant 4+3(3)	0.276	0.3	67.0	-207.0				
Max WWAN Ant 2 + Max WWAN Ant 0	1.381	-59.0	-42.0	-207.0	121.5	1.58	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.194	-29.0	75.7	-207.0				
WLAN2.4G Ant 3	0.157	14.0	30.5	-207.0	62.4	0.35	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.194	-29.0	75.7	-207.0				
WLAN2.4G Ant 3	0.157	14.0	30.5	-207.0	39.0	0.43	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.276	0.3	67.0	-207.0				
WLAN5/6G Ant 4+3(3)	0.276	0.3	67.0	-207.0	30.6	0.47	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.194	-29.0	75.7	-207.0				

<Case 71>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
GSM850_Ant 0 TX0	0.808	0.062	0.276	1.560	1.607	1.571	1.508	1.527	1.559	1.650	1.504	1.486	1.524	1.485	1.692	1.504	1.597
GSM1900_Ant 0 TX1	0.667	0.062	0.276	1.419	1.466	1.430	1.367	1.386	1.418	1.509	1.363	1.345	1.383	1.344	1.551	1.363	1.456
WCDMA II_Ant 0 TX1	0.821	0.062	0.276	1.573	1.620	1.584	1.521	1.540	1.572	1.663	1.517	1.499	1.537	1.498	1.705	1.517	1.610
WCDMA IV_Ant 0 TX1	0.823	0.062	0.276	1.575	1.622	1.586	1.523	1.542	1.574	1.665	1.519	1.501	1.539	1.500	1.707	1.519	1.612
WCDMA V_Ant 0 TX0	0.726	0.062	0.276	1.478	1.525	1.489	1.426	1.445	1.477	1.568	1.422	1.404	1.442	1.403	1.610	1.422	1.515
LTE Band 7_Ant 0 TX1	0.803	0.062	0.276	1.555	1.602	1.566	1.503	1.522	1.554	1.645	1.499	1.481	1.519	1.480	1.687	1.499	1.592
LTE Band 12_Ant 0 TX0	0.382	0.062	0.276	1.134	1.181	1.145	1.082	1.101	1.133	1.224	1.078	1.060	1.098	1.059	1.266	1.078	1.171
LTE Band 13_Ant 0 TX0	0.571	0.062	0.276	1.323	1.370	1.334	1.271	1.290	1.322	1.413	1.267	1.249	1.287	1.248	1.455	1.267	1.360
LTE Band 14_Ant 0 TX0	0.616	0.062	0.276	1.368	1.415	1.379	1.316	1.335	1.367	1.458	1.312	1.294	1.332	1.293	1.500	1.312	1.405
LTE Band 25_Ant 0 TX1	0.815	0.062	0.276	1.567	1.614	1.578	1.515	1.534	1.566	1.657	1.511	1.493	1.531	1.492	1.699	1.511	1.604
LTE Band 26_Ant 0 TX0	0.677	0.062	0.276	1.429	1.476	1.440	1.377	1.396	1.428	1.519	1.373	1.355	1.393	1.354	1.561	1.373	1.466
LTE Band 30_Ant 0 TX1	0.753	0.062	0.276	1.505	1.552	1.516	1.453	1.472	1.504	1.595	1.449	1.431	1.469	1.430	1.637	1.449	1.542
LTE Band 41_Ant 0 TX1	0.826	0.062	0.276	1.578	1.625	1.589	1.526	1.545	1.577	1.668	1.522	1.504	1.542	1.503	1.710	1.522	1.615
LTE Band 66_Ant 0 TX1	0.835	0.062	0.276	1.587	1.634	1.598	1.535	1.554	1.586	1.677	1.531	1.513	1.551	1.512	1.719	1.531	1.624
LTE Band 71_Ant 0 TX0	0.386	0.062	0.276	1.138	1.185	1.149	1.086	1.105	1.137	1.228	1.082	1.064	1.102	1.063	1.270	1.082	1.175
FR1 n7_Ant 0 TX1	0.616	0.062	0.276	1.368	1.415	1.379	1.316	1.335	1.367	1.458	1.312	1.294	1.332	1.293	1.500	1.312	1.405
FR1 n12_Ant 0 TX0	0.393	0.062	0.276	1.145	1.192	1.156	1.093	1.112	1.144	1.235	1.089	1.071	1.109	1.070	1.277	1.089	1.182
FR1 n14_Ant 0 TX0	0.570	0.062	0.276	1.322	1.369	1.333	1.270	1.289	1.321	1.412	1.266	1.248	1.286	1.247	1.454	1.266	1.359
FR1 n25_Ant 0 TX1	0.818	0.062	0.276	1.570	1.617	1.581	1.518	1.537	1.569	1.660	1.514	1.496	1.534	1.495	1.702	1.514	1.607
FR1 n26_Ant 0 TX0	0.655	0.062	0.276	1.407	1.454	1.418	1.355	1.374	1.406	1.497	1.351	1.333	1.371	1.332	1.539	1.351	1.444
FR1 n30_Ant 0 TX1	0.717	0.062	0.276	1.469	1.516	1.480	1.417	1.436	1.468	1.559	1.413	1.395	1.433	1.394	1.601	1.413	1.506
FR1 n41_Ant 0 TX1	0.805	0.062	0.276	1.557	1.604	1.568	1.505	1.524	1.556	1.647	1.501	1.483	1.521	1.482	1.689	1.501	1.594
FR1 n66_Ant 0 TX1	0.777	0.062	0.276	1.529	1.576	1.540	1.477	1.496	1.528	1.619	1.473	1.455	1.493	1.454	1.661	1.473	1.566
FR1 n70_Ant 0 TX1	0.680	0.062	0.276	1.432	1.479	1.443	1.380	1.399	1.431	1.522	1.376	1.358	1.396	1.357	1.564	1.376	1.469
FR1 n71_Ant 0 TX0	0.357	0.062	0.276	1.109	1.156	1.120	1.057	1.076	1.108	1.199	1.053	1.035	1.073	1.034	1.241	1.053	1.146

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.546	-42.2	-59.0	-207.0	37.3	1.38	0.04	Not required
Max WWAN Ant 0	0.835	-10.1	-77.9	-207.0				
Max WWAN Ant 2	0.546	-57.5	-44.5	-207.0	80.5	0.61	0.01	Not required
WLAN2.4G Ant 4	0.062	-59.0	36.0	-207.0				
Max WWAN Ant 0	0.835	-18.5	-72.0	-207.0	115.3	0.90	0.01	Not required
WLAN2.4G Ant 4	0.062	-59.0	36.0	-207.0				
Max WWAN Ant 2	0.546	-57.5	-44.5	-207.0	123.5	0.74	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.194	-29.0	75.7	-207.0				
Max WWAN Ant 2	0.546	-57.5	-44.5	-207.0	125.6	0.82	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.276	0.3	67.0	-207.0				
Max WWAN Ant 0	0.835	-5.4	-67.4	-207.0	145.0	1.03	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.194	-29.0	75.7	-207.0				
Max WWAN Ant 0	0.835	-5.4	-67.4	-207.0	134.5	1.11	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.276	0.3	67.0	-207.0				
WLAN2.4G Ant 4	0.062	-59.0	36.0	-207.0	49.8	0.26	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.194	-29.0	75.7	-207.0				
WLAN2.4G Ant 4	0.062	-59.0	36.0	-207.0	66.9	0.34	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.276	0.3	67.0	-207.0				
WLAN5/6G Ant 4+3(4)	0.194	-29.0	75.7	-207.0	30.6	0.47	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.276	0.3	67.0	-207.0				

<Case 72>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
GSM850_Ant 0 TX0	0.808	0.145	0.276	1.643	1.690	1.654	1.591	1.610	1.642	1.733	1.587	1.569	1.607	1.568	1.775	1.587	1.680
GSM1900_Ant 0 TX1	0.667	0.145	0.276	1.502	1.549	1.513	1.450	1.469	1.501	1.592	1.446	1.428	1.466	1.427	1.634	1.446	1.539
WCDMA II_Ant 0 TX1	0.821	0.145	0.276	1.656	1.703	1.667	1.604	1.623	1.655	1.746	1.600	1.582	1.620	1.581	1.788	1.600	1.693
WCDMA IV_Ant 0 TX1	0.823	0.145	0.276	1.658	1.705	1.669	1.606	1.625	1.657	1.748	1.602	1.584	1.622	1.583	1.790	1.602	1.695
WCDMA V_Ant 0 TX0	0.726	0.145	0.276	1.561	1.608	1.572	1.509	1.528	1.560	1.651	1.505	1.487	1.525	1.486	1.693	1.505	1.598
LTE Band 7_Ant 0 TX1	0.803	0.145	0.276	1.638	1.685	1.649	1.586	1.605	1.637	1.728	1.582	1.564	1.602	1.563	1.770	1.582	1.675
LTE Band 12_Ant 0 TX0	0.382	0.145	0.276	1.217	1.264	1.228	1.165	1.184	1.216	1.307	1.161	1.143	1.181	1.142	1.349	1.161	1.254
LTE Band 13_Ant 0 TX0	0.571	0.145	0.276	1.406	1.453	1.417	1.354	1.373	1.405	1.496	1.350	1.332	1.370	1.331	1.538	1.350	1.443
LTE Band 14_Ant 0 TX0	0.616	0.145	0.276	1.451	1.498	1.462	1.399	1.418	1.450	1.541	1.395	1.377	1.415	1.376	1.583	1.395	1.488
LTE Band 25_Ant 0 TX1	0.815	0.145	0.276	1.650	1.697	1.661	1.598	1.617	1.649	1.740	1.594	1.576	1.614	1.575	1.782	1.594	1.687
LTE Band 26_Ant 0 TX0	0.677	0.145	0.276	1.512	1.559	1.523	1.460	1.479	1.511	1.602	1.456	1.438	1.476	1.437	1.644	1.456	1.549
LTE Band 30_Ant 0 TX1	0.753	0.145	0.276	1.588	1.635	1.599	1.536	1.555	1.587	1.678	1.532	1.514	1.552	1.513	1.720	1.532	1.625
LTE Band 41_Ant 0 TX1	0.826	0.145	0.276	1.661	1.708	1.672	1.609	1.628	1.660	1.751	1.605	1.587	1.625	1.586	1.793	1.605	1.698
LTE Band 66_Ant 0 TX1	0.835	0.145	0.276	1.670	1.717	1.681	1.618	1.637	1.669	1.760	1.614	1.596	1.634	1.595	1.802	1.614	1.707
LTE Band 71_Ant 0 TX0	0.386	0.145	0.276	1.221	1.268	1.232	1.169	1.188	1.220	1.311	1.165	1.147	1.185	1.146	1.353	1.165	1.258
FR1 n7_Ant 0 TX1	0.616	0.145	0.276	1.451	1.498	1.462	1.399	1.418	1.450	1.541	1.395	1.377	1.415	1.376	1.583	1.395	1.488
FR1 n12_Ant 0 TX0	0.393	0.145	0.276	1.228	1.275	1.239	1.176	1.195	1.227	1.318	1.172	1.154	1.192	1.153	1.360	1.172	1.265
FR1 n14_Ant 0 TX0	0.570	0.145	0.276	1.405	1.452	1.416	1.353	1.372	1.404	1.495	1.349	1.331	1.369	1.330	1.537	1.349	1.442
FR1 n25_Ant 0 TX1	0.818	0.145	0.276	1.653	1.700	1.664	1.601	1.620	1.652	1.743	1.597	1.579	1.617	1.578	1.785	1.597	1.690
FR1 n26_Ant 0 TX0	0.655	0.145	0.276	1.490	1.537	1.501	1.438	1.457	1.489	1.580	1.434	1.416	1.454	1.415	1.622	1.434	1.527
FR1 n30_Ant 0 TX1	0.717	0.145	0.276	1.552	1.599	1.563	1.500	1.519	1.551	1.642	1.496	1.478	1.516	1.477	1.684	1.496	1.589
FR1 n41_Ant 0 TX1	0.805	0.145	0.276	1.640	1.687	1.651	1.588	1.607	1.639	1.730	1.584	1.566	1.604	1.565	1.772	1.584	1.677
FR1 n66_Ant 0 TX1	0.777	0.145	0.276	1.612	1.659	1.623	1.560	1.579	1.611	1.702	1.556	1.538	1.576	1.537	1.744	1.556	1.649
FR1 n70_Ant 0 TX1	0.680	0.145	0.276	1.515	1.562	1.526	1.463	1.482	1.514	1.605	1.459	1.441	1.479	1.440	1.647	1.459	1.552
FR1 n71_Ant 0 TX0	0.357	0.145	0.276	1.192	1.239	1.203	1.140	1.159	1.191	1.282	1.136	1.118	1.156	1.117	1.324	1.136	1.229

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-5.4	-67.4	-207.0	99.7	1.53	0.02	Not required
WLAN2.4G Ant 4+3	0.145	16.0	30.0	-207.0				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-59.0	-42.0	-207.0	121.5	1.66	0.02	Not required
WLAN5/6G Ant 4+3	0.276	-29.0	75.7	-207.0				
WLAN2.4G Ant 4+3	0.145	-23.0	60.5	-207.0	16.3	0.42	0.02	Not required
WLAN5/6G Ant 4+3	0.276	-29.0	75.7	-207.0				

<Case 73>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.379	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM1900_Ant 0 TX0	0.908	0.276	0.210	1.298	1.752	1.719	1.668	1.675	1.717	1.785	1.634	1.616	1.674	1.632	1.854	1.634	1.727
GSM1900_Ant 6 TX0	0.667	0.276	0.210	1.667	1.916	1.879	1.915	1.934	1.966	1.987	1.911	1.893	1.931	1.892	1.999	1.911	1.934
WCDMA II_Ant 0 TX0	0.821	0.276	0.210	1.721	1.768	1.732	1.669	1.689	1.720	1.811	1.666	1.647	1.685	1.646	1.862	1.666	1.768
WCDMA IV_Ant 0 TX0	0.803	0.276	0.210	1.722	1.770	1.733	1.671	1.691	1.722	1.813	1.667	1.649	1.687	1.648	1.865	1.667	1.769
WCDMA V_Ant 0 TX0	0.726	0.276	0.210	1.626	1.672	1.637	1.574	1.593	1.626	1.716	1.570	1.552	1.590	1.551	1.758	1.570	1.663
LTE Band 7_Ant 0 TX0	0.803	0.276	0.210	1.713	1.759	1.714	1.651	1.679	1.712	1.793	1.647	1.629	1.667	1.628	1.839	1.647	1.749
LTE Band 12_Ant 0 TX0	0.382	0.276	0.210	1.292	1.329	1.293	1.230	1.249	1.291	1.372	1.226	1.209	1.246	1.207	1.414	1.226	1.319
LTE Band 13_Ant 0 TX0	0.371	0.276	0.210	1.471	1.518	1.482	1.419	1.438	1.470	1.561	1.415	1.397	1.435	1.396	1.613	1.415	1.508
LTE Band 14_Ant 0 TX0	0.418	0.276	0.210	1.516	1.563	1.527	1.464	1.483	1.515	1.608	1.460	1.442	1.480	1.441	1.663	1.460	1.553
LTE Band 25_Ant 0 TX0	0.815	0.276	0.210	1.716	1.762	1.726	1.663	1.682	1.714	1.805	1.659	1.641	1.679	1.640	1.847	1.659	1.752
LTE Band 26_Ant 0 TX0	0.677	0.276	0.210	1.577	1.616	1.588	1.525	1.544	1.576	1.667	1.521	1.503	1.541	1.502	1.709	1.521	1.614
LTE Band 30_Ant 0 TX0	0.762	0.276	0.210	1.713	1.759	1.723	1.661	1.680	1.712	1.793	1.657	1.639	1.677	1.638	1.839	1.657	1.749
LTE Band 41_Ant 0 TX0	0.808	0.276	0.210	1.726	1.773	1.737	1.674	1.693	1.726	1.818	1.670	1.652	1.690	1.651	1.858	1.670	1.763
LTE Band 66_Ant 0 TX0	0.635	0.276	0.210	1.735	1.782	1.746	1.683	1.702	1.734	1.825	1.679	1.661	1.699	1.660	1.867	1.679	1.772
LTE Band 71_Ant 0 TX0	0.398	0.276	0.210	1.296	1.333	1.297	1.234	1.253	1.295	1.376	1.230	1.212	1.250	1.211	1.418	1.230	1.323
FR1 n7_Ant 0 TX1	0.666	0.276	0.210	1.516	1.563	1.527	1.464	1.483	1.515	1.608	1.460	1.442	1.480	1.441	1.663	1.460	1.553
FR1 n12_Ant 0 TX1	0.393	0.276	0.210	1.293	1.340	1.304	1.241	1.260	1.292	1.383	1.237	1.219	1.257	1.218	1.425	1.237	1.330
FR1 n25_Ant 0 TX0	0.570	0.276	0.210	1.470	1.517	1.481	1.418	1.437	1.469	1.560	1.414	1.396	1.434	1.395	1.612	1.414	1.507
FR1 n38_Ant 0 TX0	0.668	0.276	0.210	1.716	1.762	1.726	1.663	1.682	1.714	1.805	1.659	1.641	1.679	1.640	1.847	1.659	1.752
FR1 n39_Ant 0 TX0	0.668	0.276	0.210	1.535	1.583	1.588	1.503	1.522	1.564	1.645	1.498	1.481	1.519	1.480	1.697	1.498	1.592
FR1 n41_Ant 0 TX1	0.717	0.276	0.210	1.637	1.684	1.648	1.585	1.584	1.636	1.707	1.581	1.563	1.581	1.542	1.749	1.581	1.663
FR1 n66_Ant 0 TX0	0.806	0.276	0.210	1.735	1.782	1.746	1.683	1.672	1.734	1.795	1.649	1.631	1.669	1.630	1.837	1.649	1.742
FR1 n66_Ant 0 TX1	0.777	0.276	0.210	1.677	1.724	1.688	1.625	1.644	1.676	1.767	1.621	1.603	1.641	1.602	1.809	1.621	1.714
FR1 n70_Ant 0 TX0	0.680	0.276	0.210	1.580	1.627	1.591	1.528	1.547	1.579	1.670	1.524	1.506	1.544	1.505	1.712	1.524	1.617
FR1 n71_Ant 0 TX0	0.357	0.276	0.210	1.257	1.304	1.268	1.205	1.224	1.256	1.347	1.201	1.183	1.221	1.182	1.389	1.201	1.294

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-5.4	-67.4	-207.0	100.3	1.59	0.02	Not required
Bluetooth Ant 3	0.210	11.0	31.5	-207.0				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-59.0	-42.0	-207.0	121.5	1.66	0.02	Not required
WLAN5/6G Ant 4+3	0.276	-29.0	75.7	-207.0				
Bluetooth Ant 3	0.210	11.0	31.5	-207.0	37.1	0.49	0.01	Not required
WLAN5/6G Ant 4+3	0.276	0.3	67.0	-207.0				

<Case 74>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.379	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM1900_Ant 0 TX0	0.908	0.276	0.194	1.681	1.735	1.703	1.652	1.659	1.691	1.782	1.618	1.599	1.658	1.617	1.835	1.618	1.709
GSM1900_Ant 6 TX0	0.667	0.276	0.194	1.551	1.598	1.562	1.499	1.518	1.550	1.641	1.495	1.477	1.515	1.476	1.692	1.495	1.588
WCDMA II_Ant 0 TX0	0.821	0.276	0.194	1.701	1.752	1.716	1.653	1.672	1.704	1.795	1.649	1.631	1.669	1.630	1.837	1.649	1.742
WCDMA IV_Ant 0 TX0	0.803	0.276	0.194	1.707	1.758	1.722	1.659	1.679	1.706	1.797	1.655	1.637	1.675	1.636	1.839	1.655	1.748
WCDMA V_Ant 0 TX0	0.726	0.276	0.194	1.610	1.667	1.631	1.569	1.577	1.609	1.700	1.564	1.546	1.574	1.535	1.742	1.564	1.657
LTE Band 7_Ant 0 TX0	0.803	0.276	0.194	1.697	1.748	1.698	1.635	1.654	1.696	1.777	1.635	1.613	1.651	1.612	1.819	1.635	1.734
LTE Band 12_Ant 0 TX0	0.382	0.276	0.194	1.286	1.318	1.277	1.214	1.233	1.265	1.356	1.210	1.192	1.229	1.191	1.398	1.210	1.303
LTE Band 13_Ant 0 TX0	0.371	0.276	0.194	1.455	1.502	1.466	1.403	1.422	1.454	1.545	1.398	1.381	1.419	1.380	1.597	1.398	1.492
LTE Band 14_Ant 0 TX0	0.418	0.276	0.194	1.500	1.547	1.511	1.448	1.467	1.499	1.592	1.444	1.426	1.464	1.425	1.642	1.444	1.537
LTE Band 25_Ant 0 TX0	0.815	0.276	0.194	1.699	1.746	1.710	1.647	1.666	1.698	1.789	1.643	1.625	1.663	1.624	1.831	1.643	1.736
LTE Band 26_Ant 0 TX0	0.677	0.276	0.194	1.561	1.600	1.572	1.509	1.528	1.560	1.651	1.505	1.487	1.525	1.486	1.693	1.505	1.599
LTE Band 30_Ant 0 TX0	0.762	0.276	0.194	1.697	1.748	1.708	1.645	1.664	1.696	1.787	1.641	1.623	1.661	1.622	1.839	1.641	1.734
LTE Band 41_Ant 0 TX0	0.808	0.276	0.194	1.710	1.757	1.721	1.658	1.677	1.709	1.800	1.654	1.636	1.674	1.635	1.842	1.654	1.747
LTE Band 66_Ant 0 TX0	0.635	0.276	0.194	1.719	1.766	1.730	1.667	1.686	1.718	1.809	1.663	1.645	1.683	1.644	1.851	1.663	1.756
LTE Band 71_Ant 0 TX0	0.398	0.276	0.194	1.278	1.317	1.281	1.218	1.237	1.279	1.360	1.214	1.196	1.234	1.195	1.402	1.214	1.307
FR1 n7_Ant 0 TX1	0.666	0.276	0.194	1.535	1.583	1.547	1.484	1.503	1.534	1.628	1.480	1.462	1.500	1.461	1.683	1.480	1.573
FR1 n12_Ant 0 TX0	0.393	0.276	0.194	1.277	1.324	1.288	1.225	1.244	1.276	1.367	1.221	1.203	1.241	1.202	1.409	1.221	1.314
FR1 n25_Ant 0 TX0	0.570	0.276	0.194	1.454	1.501	1.465	1.402	1.421	1.453	1.544	1.398	1.380	1.418	1.379	1.596	1.398	1.491
FR1 n38_Ant 0 TX0	0.668	0.276	0.194	1.701	1.748	1.712	1.649	1.668	1.701	1.792	1.646	1.628	1.666	1.627	1.834	1.646	1.739
FR1 n39_Ant 0 TX0	0.668	0.276	0.194	1.520	1.566	1.550	1.487	1.506	1.539	1.629	1.483	1.465	1.503	1.464	1.671	1.483	1.576
FR1 n41_Ant 0 TX1	0.717	0.276	0.194	1.621	1.668	1.632	1.569	1.568	1.620	1.691	1.565	1.547	1.565	1.526	1.733	1.565	1.658
FR1 n66_Ant 0 TX0	0.806	0.276	0.194	1.719	1.766	1.730	1.667	1.656	1.718	1.779	1.633	1.615	1.653	1.614	1.821	1.633	1.726
FR1 n66_Ant 0 TX1	0.777	0.276	0.194	1.661	1.709	1.673	1.609	1.628	1.660	1.751	1.605	1.587	1.625	1.586	1.793	1.605	1.698
FR1 n70_Ant 0 TX0	0.680	0.276	0.194	1.564	1.611	1.575	1.512	1.531	1.563	1.654	1.508	1.490	1.528	1.489	1.696	1.508	1.601
FR1 n71_Ant 0 TX0	0.357	0.276	0.194	1.241	1.288	1.252	1.189	1.208	1.240	1.331	1.185	1.167	1.205	1.166	1.373	1.185	1.278

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-59.0	-42.0	-207.0	77.5	1.58	0.03	Not required
Bluetooth Ant 4	0.194	-59.5	35.5	-207.0				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-59.0	-42.0	-207.0	121.5	1.66	0.02	Not required
WLAN5/6G Ant 4+3	0.276	-29.0	75.7	-207.0				
Bluetooth Ant 4	0.194	-59.5	35.5	-207.0	50.5	0.47	0.01	Not required
WLAN5/6G Ant 4+3	0.276	-29.0	75.7	-207.0				

<Case 75>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.426	0.362	0.391	0.413	0.504	0.358	0.340	0.379	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM1900_Ant 0 TX0	0.908	0.276	0.148	1.646	1.692	1.657	1.584	1.613	1.645	1.776	1.595	1.572	1.613	1.571	1.778	1.595	1.682
GSM1900_Ant 6 TX0	0.667	0.276	0.148	1.535	1.552	1.516	1.453	1.472	1.504	1.585	1.448	1.431	1.469	1.430	1.637	1.448	1.542
WCDMA II_Ant 0 TX0	0.821	0.276	0.148	1.698	1.766	1.671	1.487	1.529	1.608	1.748	1.603	1.585	1.623	1.584	1.791	1.603	1.686
WCDMA IV_Ant 0 TX0	0.823	0.276	0.148	1.691	1.768	1.672	1.519	1.529	1.640	1.751	1.605	1.587	1.629	1.586	1.793	1.605	1.689
WCDMA V_Ant 0 TX0	0.726	0.276	0.148	1.584	1.611	1.575	1.512	1.521	1.583	1.650	1.508	1.490	1.529	1.489	1.666	1.508	1.641
LTE Band 7_Ant 0 TX0	0.803	0.276	0.148	1.641	1.689	1.652	1.589	1.608	1.640	1.731	1.585	1.567	1.609	1.566	1.773	1.585	1.679
LTE Band 12_Ant 0 TX0	0.382	0.276	0.148	1.220	1.267	1.231	1.168	1.187	1.219	1.310	1.164	1.146	1.184	1.145	1.352	1.164	1.257
LTE Band 13_Ant 0 TX0	0.371	0.276	0.148	1.439	1.456	1.415	1.357	1.376	1.408	1.499	1.353	1.331	1.373	1.334	1.541	1.353	1.441
LTE Band 14_Ant 0 TX0	0.416	0.276	0.148	1.454	1.501	1.465	1.402	1.421	1.453	1.544	1.398	1.380	1.419	1.379	1.585	1.398	1.491
LTE Band 25_Ant 0 TX0	0.815	0.276	0.148	1.692	1.760	1.664	1.481	1.523	1.602	1.742	1.597	1.579	1.617	1.578	1.790	1.597	1.680
LTE Band 26_Ant 0 TX0	0.677	0.276	0.148	1.515	1.562	1.526	1.463	1.482	1.514	1.605	1.459	1.441	1.479	1.440	1.647	1.459	1.552
LTE Band 30_Ant 0 TX0	0.792	0.276	0.148	1.591	1.618	1.582	1.509	1.558	1.590	1.681	1.526	1.517	1.561	1.516	1.719	1.526	1.623
LTE Band 41_Ant 0 TX0	0.828	0.276	0.148	1.664	1.711	1.675	1.612	1.631	1.663	1.754	1.608	1.590	1.629	1.589	1.796	1.608	1.701
LTE Band 66_Ant 0 TX0	0.635	0.276	0.148	1.672	1.720	1.685	1.621	1.643	1.672	1.763	1.617	1.599	1.637	1.598	1.805	1.617	1.710
LTE Band 71_Ant 0 TX0	0.398	0.276	0.148	1.224	1.271	1.235	1.172	1.191	1.223	1.314	1.168	1.150	1.188	1.149	1.358	1.168	1.261
FR1 n7_Ant 0 TX0	0.666	0.276	0.148	1.654	1.701	1.665	1.602	1.621	1.653	1.744	1.598	1.580	1.618	1.579	1.786	1.598	1.691
FR1 n12_Ant 0 TX0	0.393	0.276	0.148	1.231	1.278	1.242	1.179	1.198	1.230	1.321	1.175	1.157	1.195	1.156	1.363	1.175	1.268
FR1 n14_Ant 0 TX0	0.570	0.276	0.148	1.438	1.455	1.414	1.356	1.375	1.407	1.498	1.352	1.334	1.372	1.333	1.540	1.352	1.445
FR1 n25_Ant 0 TX0	0.818	0.276	0.148	1.691	1.759	1.663	1.480	1.522	1.601	1.741	1.596	1.578	1.616	1.577	1.789	1.596	1.679
FR1 n26_Ant 0 TX0	0.668	0.276	0.148	1.493	1.540	1.504	1.441	1.460	1.492	1.583	1.437	1.419	1.457	1.418	1.625	1.437	1.530
FR1 n38_Ant 0 TX0	0.717	0.276	0.148	1.535	1.582	1.546	1.483	1.502	1.534	1.625	1.478	1.461	1.519	1.480	1.687	1.478	1.572
FR1 n41_Ant 0 TX0	0.806	0.276	0.148	1.643	1.690	1.654	1.591	1.610	1.642	1.733	1.587	1.569	1.607	1.568	1.775	1.587	1.680
FR1 n66_Ant 0 TX0	0.777	0.276	0.148	1.645	1.692	1.656	1.593	1.612	1.644	1.735	1.589	1.571	1.609	1.570	1.777	1.589	1.682
FR1 n70_Ant 0 TX0	0.680	0.276	0.148	1.518	1.565	1.529	1.466	1.485	1.517	1.608	1.462	1.444	1.482	1.443	1.650	1.462	1.555
FR1 n71_Ant 0 TX0	0.357	0.276	0.148	1.195	1.242	1.206	1.143	1.162	1.194	1.285	1.139	1.121	1.159	1.120	1.327	1.139	1.232

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-5.4	-67.4	-207.0	106.3	1.53	0.02	Not required
Bluetooth Ant 4+3	0.148	12.0	37.5	-207.0				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-5.4	-67.4	-207.0	134.5	1.66	0.02	Not required
WLAN5/6G Ant 4+3	0.276	0.3	67.0	-207.0				
Bluetooth Ant 4+3	0.148	-32.0	66.5	-207.0	9.7	0.42	0.03	Not required
WLAN5/6G Ant 4+3	0.276	-29.0	75.7	-207.0				

<Case 76>

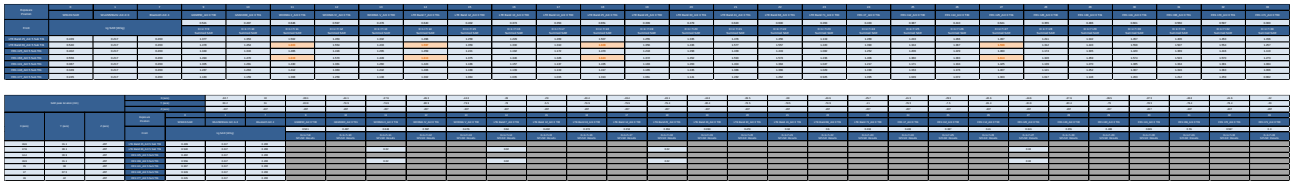
SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n38_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.426	0.362	0.391	0.413	0.504	0.358	0.340	0.379	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM1900_Ant 0 TX0	0.908	0.276	0.187	1.685	1.731	1.696	1.623	1.652	1.684	1.776	1.635	1.611	1.649	1.610	1.817	1.635	1.722
GSM1900_Ant 6 TX0	0.667	0.276	0.187	1.544	1.591	1.555	1.492	1.511	1.543	1.634	1.488	1.470	1.508	1.469	1.676	1.488	1.581
WCDMA II_Ant 0 TX0	0.821	0.276	0.187	1.698	1.745	1.709	1.636	1.663	1.697	1.790	1.645	1.621	1.662	1.623	1.832	1.645	1.735
WCDMA IV_Ant 0 TX0	0.823	0.276	0.187	1.700	1.747	1.711	1.638	1.667	1.699	1.792	1.646	1.623	1.664	1.625	1.834	1.646	1.737
WCDMA V_Ant 0 TX0	0.726	0.276	0.187	1.643	1.689	1.654	1.581	1.570	1.642	1.683	1.547	1.529	1.567	1.528	1.735	1.547	1.640
LTE Band 7_Ant 0 TX0	0.803	0.276	0.187	1.699	1.727	1.691	1.618	1.647	1.679	1.770	1.624	1.606	1.644	1.605	1.812	1.624	1.717
LTE Band 12_Ant 0 TX0	0.382	0.276	0.187	1.258	1.306	1.270	1.207	1.226	1.258	1.349	1.203	1.185	1.223	1.184	1.391	1.203	1.295
LTE Band 13_Ant 0 TX0	0.371	0.276	0.187	1.498	1.495	1.459	1.396	1.415	1.447	1.538	1.392	1.374	1.412	1.373	1.580	1.392	1.485
LTE Band 14_Ant 0 TX0	0.416	0.276	0.187	1.492	1.540	1.504	1.441	1.460	1.492	1.583	1.437	1.419	1.457	1.418	1.625	1.437	1.530
LTE Band 25_Ant 0 TX0	0.815	0.276	0.187	1.692	1.759	1.702	1.620	1.659	1.691	1.782	1.635	1.618	1.656	1.617	1.831	1.635	1.729
LTE Band 26_Ant 0 TX0	0.677	0.276	0.187	1.554	1.601	1.565	1.502	1.521	1.553	1.643	1.498	1.480	1.518	1.479	1.686	1.498	1.591
LTE Band 30_Ant 0 TX0	0.792	0.276	0.187	1.630	1.677	1.641	1.578	1.597	1.629	1.720	1.574	1.556	1.594	1.555	1.762	1.574	1.667
LTE Band 41_Ant 0 TX0	0.828	0.276	0.187	1.703	1.750	1.714	1.651	1.670	1.702	1.793	1.647	1.629	1.667	1.628	1.835	1.647	1.740
LTE Band 66_Ant 0 TX0	0.635	0.276	0.187	1.712	1.759	1.723	1.660	1.679	1.711	1.802	1.655	1.637	1.675	1.637	1.845	1.655	1.749
LTE Band 71_Ant 0 TX0	0.398	0.276	0.187	1.263	1.310	1.274	1.211	1.230	1.262	1.353	1.207	1.189	1.227	1.188	1.396	1.207	1.300
FR1 n7_Ant 0 TX0	0.666	0.276	0.187	1.693	1.740	1.704	1.631	1.650	1.692	1.783	1.637	1.619	1.657	1.618	1.825	1.637	1.730
FR1 n12_Ant 0 TX0	0.393	0.276	0.187	1.270	1.317	1.281	1.218	1.237	1.269	1.360	1.214	1.196	1.234	1.195	1.402	1.214	1.307
FR1 n14_Ant 0 TX0	0.570	0.276	0.187	1.437	1.494	1.458	1.395	1.414	1.446	1.537	1.391	1.373	1.411	1.372	1.579	1.391	1.484
FR1 n25_Ant 0 TX0	0.818	0.276	0.187	1.690	1.758	1.701	1.619	1.658	1.690	1.781	1.634	1.616	1.655	1.616	1.829	1.634	1.728
FR1 n26_Ant 0 TX0	0.668	0.276	0.187	1.532	1.579	1.543	1.480	1.499	1.531	1.622	1.476	1.458	1.496	1.457	1.664	1.476	1.569
FR1 n38_Ant 0 TX0	0.717	0.276	0.187	1.594	1.641	1.605	1.542	1.561	1.593	1.685	1.538	1.520	1.558	1.519	1.726	1.538	1.631
FR1 n41_Ant 0 TX0	0.806	0.276	0.187	1.642	1.689	1.653	1.590	1.609	1.641	1.732	1.586	1.568	1.606	1.567	1.774	1.586	1.679
FR1 n66_Ant 0 TX0	0.777	0.276	0.187	1.644	1.691	1.655	1.592	1.611	1.643	1.734	1.588	1.570	1.608	1.569	1.776	1.588	1.681
FR1 n70_Ant 0 TX0	0.680	0.276	0.187	1.517	1.564	1.528	1.465	1.484	1.516	1.607	1.461	1.443	1.481	1.442	1.649	1.461	1.554
FR1 n71_Ant 0 TX0	0.357	0.276	0.187	1.234	1.281	1.245	1.182	1.201	1.233	1.324	1.178	1.160	1.198	1.159	1.368	1.178	1.271

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-59.0	-42.0	-207.0	121.5	1.66	0.02	Not required
WLAN5/6G Ant 4+3	0.276	-29.0	75.7	-207.0				
Max WWAN Ant 0 + Max WWAN Ant 2	1.381	-5.4	-67.4	-207.0	102.9	1.57	0.02	Not required
Thread Ant 3	0.187	17.0	33.0	-207.0				
WLAN5/6G Ant 4+3	0.276	0.3	67.0	-207.0	37.9	0.46	0.01	Not required
Thread Ant 3	0.187	17.0	33.0	-207.0				

<Case 77>

SPLSR calculation for summation SAR>1.6W/kg



<Case 78>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR	0+1+2+25 Summed SAR	0+1+2+26 Summed SAR	0+1+2+27 Summed SAR	0+1+2+28 Summed SAR	0+1+2+29 Summed SAR	0+1+2+30 Summed SAR	0+1+2+31 Summed SAR	0+1+2+32 Summed SAR	0+1+2+33 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.157	0.276	1.728	1.587	1.741	1.743	1.646	1.723	1.302	1.491	1.536	1.735	1.597	1.673	1.746	1.755	1.306	1.536	1.313	1.490	1.738	1.575	1.637	1.725	1.697	1.600	1.277
LTE Band 66_Ant 5 Sub TX1	0.602	0.157	0.276	1.843	1.702	1.856	1.858	1.761	1.838	1.417	1.606	1.651	1.850	1.712	1.788	1.861	1.870	1.421	1.651	1.428	1.605	1.853	1.690	1.752	1.840	1.812	1.715	1.392
FR1 n25_Ant 5 Sub TX1	0.474	0.157	0.276	1.715	1.574	1.728	1.730	1.633	1.710	1.289	1.478	1.523	1.722	1.584	1.660	1.733	1.742	1.293	1.523	1.300	1.477	1.725	1.562	1.624	1.712	1.684	1.587	1.264
FR1 n66_Ant 5 Sub TX1	0.690	0.157	0.276	1.931	1.790	1.944	1.946	1.849	1.926	1.505	1.694	1.739	1.938	1.800	1.876	1.949	1.958	1.509	1.739	1.516	1.693	1.941	1.778	1.840	1.928	1.900	1.803	1.480
FR1 n41_Ant 5 Sub TX1	0.562	0.157	0.276	1.803	1.662	1.816	1.818	1.721	1.798	1.377	1.566	1.611	1.810	1.672	1.748	1.821	1.830	1.381	1.611	1.388	1.565	1.813	1.650	1.712	1.800	1.772	1.675	1.352
FR1 n48_Ant 5 Sub TX1	0.477	0.157	0.276	1.718	1.577	1.731	1.733	1.636	1.713	1.292	1.481	1.526	1.725	1.587	1.663	1.736	1.745	1.296	1.526	1.303	1.480	1.728	1.565	1.627	1.715	1.687	1.590	1.267
FR1 n77_Ant 5 Sub TX1	0.307	0.157	0.276	1.548	1.407	1.561	1.563	1.466	1.543	1.122	1.311	1.356	1.555	1.417	1.493	1.566	1.575	1.126	1.356	1.133	1.310	1.558	1.395	1.457	1.545	1.517	1.420	1.097

SAR peak location (mm)			X (axis)		14	0.3	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		30.5	67	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results	0+1+2+25 SPLSR Results	0+1+2+26 SPLSR Results	0+1+2+27 SPLSR Results	0+1+2+28 SPLSR Results	0+1+2+29 SPLSR Results	0+1+2+30 SPLSR Results	0+1+2+31 SPLSR Results	0+1+2+32 SPLSR Results	0+1+2+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.157	0.276	0.02		0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02		0.02	0.02	0.02	0.02	
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.157	0.276	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.157	0.276	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.157	0.276	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.03	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.157	0.276	0.02	0.02	0.02	0.02	0.02	0.02			0.02	0.02	0.02	0.02	0.02	0.02		0.02			0.02	0.02	0.02	0.02	0.02	0.02	
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.157	0.276	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.157	0.276																									

<Case 79>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR	0+1+2+25 Summed SAR	0+1+2+26 Summed SAR	0+1+2+27 Summed SAR	0+1+2+28 Summed SAR	0+1+2+29 Summed SAR	0+1+2+30 Summed SAR	0+1+2+31 Summed SAR	0+1+2+32 Summed SAR	0+1+2+33 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.062	0.276	1.633	1.492	1.646	1.648	1.551	1.628	1.207	1.396	1.441	1.640	1.502	1.578	1.651	1.660	1.211	1.441	1.218	1.395	1.643	1.480	1.542	1.630	1.602	1.505	1.182
LTE Band 66_Ant 5 Sub TX1	0.602	0.062	0.276	1.748	1.607	1.761	1.763	1.666	1.743	1.322	1.511	1.556	1.755	1.617	1.693	1.766	1.775	1.326	1.556	1.333	1.510	1.758	1.595	1.657	1.745	1.717	1.620	1.297
FR1 n25_Ant 5 Sub TX1	0.474	0.062	0.276	1.620	1.479	1.633	1.635	1.538	1.615	1.194	1.383	1.428	1.627	1.489	1.565	1.638	1.647	1.198	1.428	1.205	1.382	1.630	1.467	1.529	1.617	1.589	1.492	1.169
FR1 n66_Ant 5 Sub TX1	0.690	0.062	0.276	1.836	1.695	1.849	1.851	1.754	1.831	1.410	1.599	1.644	1.843	1.705	1.781	1.854	1.863	1.414	1.644	1.421	1.598	1.846	1.683	1.745	1.833	1.805	1.708	1.385
FR1 n41_Ant 5 Sub TX1	0.562	0.062	0.276	1.708	1.567	1.721	1.723	1.626	1.703	1.282	1.471	1.516	1.715	1.577	1.653	1.726	1.735	1.286	1.516	1.293	1.470	1.718	1.555	1.617	1.705	1.677	1.580	1.257
FR1 n48_Ant 5 Sub TX1	0.477	0.062	0.276	1.623	1.482	1.636	1.638	1.541	1.618	1.197	1.386	1.431	1.630	1.492	1.568	1.641	1.650	1.201	1.431	1.208	1.385	1.633	1.470	1.532	1.620	1.592	1.495	1.172
FR1 n77_Ant 5 Sub TX1	0.307	0.062	0.276	1.453	1.312	1.466	1.468	1.371	1.448	1.027	1.216	1.261	1.460	1.322	1.398	1.471	1.480	1.031	1.261	1.038	1.215	1.463	1.300	1.362	1.450	1.422	1.325	1.002

SAR peak location (mm)			X (axis)		-59	0.3	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		36	67	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results	0+1+2+25 SPLSR Results	0+1+2+26 SPLSR Results	0+1+2+27 SPLSR Results	0+1+2+28 SPLSR Results	0+1+2+29 SPLSR Results	0+1+2+30 SPLSR Results	0+1+2+31 SPLSR Results	0+1+2+32 SPLSR Results	0+1+2+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.062	0.276	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02	0.02		
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.062	0.276	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02			
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.062	0.276	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.062	0.276	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.062	0.276	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02			
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.062	0.276																									

<Case 80>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR	0+1+2+25 Summed SAR	0+1+2+26 Summed SAR	0+1+2+27 Summed SAR	0+1+2+28 Summed SAR	0+1+2+29 Summed SAR	0+1+2+30 Summed SAR	0+1+2+31 Summed SAR	0+1+2+32 Summed SAR	0+1+2+33 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.145	0.276	1.716	1.575	1.729	1.731	1.634	1.711	1.290	1.479	1.524	1.723	1.585	1.661	1.734	1.743	1.294	1.524	1.301	1.478	1.726	1.563	1.625	1.713	1.685	1.588	1.265
LTE Band 66_Ant 5 Sub TX1	0.602	0.145	0.276	1.831	1.690	1.844	1.846	1.749	1.826	1.405	1.594	1.639	1.838	1.700	1.776	1.849	1.858	1.409	1.639	1.416	1.593	1.841	1.678	1.740	1.828	1.800	1.703	1.380
FR1 n25_Ant 5 Sub TX1	0.474	0.145	0.276	1.703	1.562	1.716	1.718	1.621	1.698	1.277	1.466	1.511	1.710	1.572	1.648	1.721	1.730	1.281	1.511	1.288	1.465	1.713	1.550	1.612	1.700	1.672	1.575	1.252
FR1 n66_Ant 5 Sub TX1	0.690	0.145	0.276	1.919	1.778	1.932	1.934	1.837	1.914	1.493	1.682	1.727	1.926	1.788	1.864	1.937	1.946	1.497	1.727	1.504	1.681	1.929	1.766	1.828	1.916	1.888	1.791	1.468
FR1 n41_Ant 5 Sub TX1	0.562	0.145	0.276	1.791	1.650	1.804	1.806	1.709	1.786	1.365	1.554	1.599	1.798	1.660	1.736	1.809	1.818	1.369	1.599	1.376	1.553	1.801	1.638	1.700	1.788	1.760	1.663	1.340
FR1 n48_Ant 5 Sub TX1	0.477	0.145	0.276	1.706	1.565	1.719	1.721	1.624	1.701	1.280	1.469	1.514	1.713	1.575	1.651	1.724	1.733	1.284	1.514	1.291	1.468	1.716	1.553	1.615	1.703	1.675	1.578	1.255
FR1 n77_Ant 5 Sub TX1	0.307	0.145	0.276	1.536	1.395	1.549	1.551	1.454	1.531	1.110	1.299	1.344	1.543	1.405	1.481	1.554	1.563	1.114	1.344	1.121	1.298	1.546	1.383	1.445	1.533	1.505	1.408	1.085

SAR peak location (mm)			X (axis)		16	0.3	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		30	67	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results	0+1+2+25 SPLSR Results	0+1+2+26 SPLSR Results	0+1+2+27 SPLSR Results	0+1+2+28 SPLSR Results	0+1+2+29 SPLSR Results	0+1+2+30 SPLSR Results	0+1+2+31 SPLSR Results	0+1+2+32 SPLSR Results	0+1+2+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.145	0.276	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.145	0.276	0.02	0.02	0.03	0.02	0.02	0.02			0.02	0.02	0.02	0.02	0.02	0.02		0.02			0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.145	0.276	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.145	0.276	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.03	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.145	0.276	0.02	0.02	0.02	0.02	0.02	0.02			0.02	0.02	0.02	0.02	0.02	0.02		0.02			0.02	0.02	0.02	0.02	0.02	0.02	
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.145	0.276	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.145	0.276																									

<Case 81>

SPLSR calculation for summation SAR>1.6W/kg

SAR peak location (mm)			X (axis)		0.3	11	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		67	31.5	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results	0+1+7+25 SPLSR Results	0+1+7+26 SPLSR Results	0+1+7+27 SPLSR Results	0+1+7+28 SPLSR Results	0+1+7+29 SPLSR Results	0+1+7+30 SPLSR Results	0+1+7+31 SPLSR Results	0+1+7+32 SPLSR Results	0+1+7+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.210	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.210	0.02	0.02	0.03	0.02	0.02	0.03		0.02	0.02	0.03	0.02	0.02	0.03	0.03		0.02		0.02	0.02	0.02	0.02	0.03	0.03	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.210	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.210	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02			

SAR peak location (mm)			X (axis)		0.3	11	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		67	31.5	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results	0+1+7+25 SPLSR Results	0+1+7+26 SPLSR Results	0+1+7+27 SPLSR Results	0+1+7+28 SPLSR Results	0+1+7+29 SPLSR Results	0+1+7+30 SPLSR Results	0+1+7+31 SPLSR Results	0+1+7+32 SPLSR Results	0+1+7+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.210	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.210	0.02	0.02	0.03	0.02	0.02	0.03		0.02	0.02	0.03	0.02	0.02	0.03	0.03		0.02		0.02	0.02	0.02	0.02	0.03	0.03	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.210	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.210	0.02		0.02	0.02		0.02				0.02			0.02	0.02					0.02			0.02			

<Case 82>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR	0+1+7+25 Summed SAR	0+1+7+26 Summed SAR	0+1+7+27 Summed SAR	0+1+7+28 Summed SAR	0+1+7+29 Summed SAR	0+1+7+30 Summed SAR	0+1+7+31 Summed SAR	0+1+7+32 Summed SAR	0+1+7+33 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.194	1.765	1.624	1.778	1.780	1.683	1.760	1.339	1.528	1.573	1.772	1.634	1.710	1.783	1.792	1.343	1.573	1.350	1.527	1.775	1.612	1.674	1.762	1.734	1.637	1.314
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.194	1.880	1.739	1.893	1.895	1.798	1.875	1.454	1.643	1.688	1.887	1.749	1.825	1.898	1.907	1.458	1.688	1.465	1.642	1.890	1.727	1.789	1.877	1.849	1.752	1.429
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.194	1.752	1.611	1.765	1.767	1.670	1.747	1.326	1.515	1.560	1.759	1.621	1.697	1.770	1.779	1.330	1.560	1.337	1.514	1.762	1.599	1.661	1.749	1.721	1.624	1.301
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.194	1.968	1.827	1.981	1.983	1.886	1.963	1.542	1.731	1.776	1.975	1.837	1.913	1.986	1.995	1.546	1.776	1.553	1.730	1.978	1.815	1.877	1.965	1.937	1.840	1.517
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.194	1.840	1.699	1.853	1.855	1.758	1.835	1.414	1.603	1.648	1.847	1.709	1.785	1.858	1.867	1.418	1.648	1.425	1.602	1.850	1.687	1.749	1.837	1.809	1.712	1.389
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.194	1.755	1.614	1.768	1.770	1.673	1.750	1.329	1.518	1.563	1.762	1.624	1.700	1.773	1.782	1.333	1.563	1.340	1.517	1.765	1.602	1.664	1.752	1.724	1.627	1.304
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.194	1.585	1.444	1.598	1.600	1.503	1.580	1.159	1.348	1.393	1.592	1.454	1.530	1.603	1.612	1.163	1.393	1.170	1.347	1.595	1.432	1.494	1.582	1.554	1.457	1.134

SAR peak location (mm)			X (axis)		0.3	-59.5	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		67	35.5	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results	0+1+7+25 SPLSR Results	0+1+7+26 SPLSR Results	0+1+7+27 SPLSR Results	0+1+7+28 SPLSR Results	0+1+7+29 SPLSR Results	0+1+7+30 SPLSR Results	0+1+7+31 SPLSR Results	0+1+7+32 SPLSR Results	0+1+7+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.194	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.194	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.194	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.194	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.194	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.194	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.194			0.02	0.02									0.02	0.02					0.02						

<Case 83>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR	0+1+7+25 Summed SAR	0+1+7+26 Summed SAR	0+1+7+27 Summed SAR	0+1+7+28 Summed SAR	0+1+7+29 Summed SAR	0+1+7+30 Summed SAR	0+1+7+31 Summed SAR	0+1+7+32 Summed SAR	0+1+7+33 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.148	1.719	1.578	1.732	1.734	1.637	1.714	1.293	1.482	1.527	1.726	1.588	1.664	1.737	1.746	1.297	1.527	1.304	1.481	1.729	1.566	1.628	1.716	1.688	1.591	1.268
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.148	1.834	1.693	1.847	1.849	1.752	1.829	1.408	1.597	1.642	1.841	1.703	1.779	1.852	1.861	1.412	1.642	1.419	1.596	1.844	1.681	1.743	1.831	1.803	1.706	1.383
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.148	1.706	1.565	1.719	1.721	1.624	1.701	1.280	1.469	1.514	1.713	1.575	1.651	1.724	1.733	1.284	1.514	1.291	1.468	1.716	1.553	1.615	1.703	1.675	1.578	1.255
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.148	1.922	1.781	1.935	1.937	1.840	1.917	1.496	1.685	1.730	1.929	1.791	1.867	1.940	1.949	1.500	1.730	1.507	1.684	1.932	1.769	1.831	1.919	1.891	1.794	1.471
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.148	1.794	1.653	1.807	1.809	1.712	1.789	1.368	1.557	1.602	1.801	1.663	1.739	1.812	1.821	1.372	1.602	1.379	1.556	1.804	1.641	1.703	1.791	1.763	1.666	1.343
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.148	1.709	1.568	1.722	1.724	1.627	1.704	1.283	1.472	1.517	1.716	1.578	1.654	1.727	1.736	1.287	1.517	1.294	1.471	1.719	1.556	1.618	1.706	1.678	1.581	1.258
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.148	1.539	1.398	1.552	1.554	1.457	1.534	1.113	1.302	1.347	1.546	1.408	1.484	1.557	1.566	1.117	1.347	1.124	1.301	1.549	1.386	1.448	1.536	1.508	1.411	1.088

SAR peak location (mm)			X (axis)		0.3	12	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		67	37.5	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results	0+1+7+25 SPLSR Results	0+1+7+26 SPLSR Results	0+1+7+27 SPLSR Results	0+1+7+28 SPLSR Results	0+1+7+29 SPLSR Results	0+1+7+30 SPLSR Results	0+1+7+31 SPLSR Results	0+1+7+32 SPLSR Results	0+1+7+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.148	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.148	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.148	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.148	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.148	0.02	0.02	0.02	0.02	0.02	0.02			0.02	0.02	0.02	0.02	0.02	0.02		0.02			0.02	0.02	0.02	0.02	0.02	0.02	
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.148	0.02		0.02	0.02	0.02	0.02				0.02		0.02	0.02	0.02					0.02		0.02	0.02	0.02		
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.148																									

<Case 84>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR	0+1+7+25 Summed SAR	0+1+7+26 Summed SAR	0+1+7+27 Summed SAR	0+1+7+28 Summed SAR	0+1+7+29 Summed SAR	0+1+7+30 Summed SAR	0+1+7+31 Summed SAR	0+1+7+32 Summed SAR	0+1+7+33 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.187	1.758	1.617	1.771	1.773	1.676	1.753	1.332	1.521	1.566	1.765	1.627	1.703	1.776	1.785	1.336	1.566	1.343	1.520	1.768	1.605	1.667	1.755	1.727	1.630	1.307
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.187	1.873	1.732	1.886	1.888	1.791	1.868	1.447	1.636	1.681	1.880	1.742	1.818	1.891	1.900	1.451	1.681	1.458	1.635	1.883	1.720	1.782	1.870	1.842	1.745	1.422
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.187	1.745	1.604	1.758	1.760	1.663	1.740	1.319	1.508	1.553	1.752	1.614	1.690	1.763	1.772	1.323	1.553	1.330	1.507	1.755	1.592	1.654	1.742	1.714	1.617	1.294
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.187	1.961	1.820	1.974	1.976	1.879	1.956	1.535	1.724	1.769	1.968	1.830	1.906	1.979	1.988	1.539	1.769	1.546	1.723	1.971	1.808	1.870	1.958	1.930	1.833	1.510
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.187	1.833	1.692	1.846	1.848	1.751	1.828	1.407	1.596	1.641	1.840	1.702	1.778	1.851	1.860	1.411	1.641	1.418	1.595	1.843	1.680	1.742	1.830	1.802	1.705	1.382
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.187	1.748	1.607	1.761	1.763	1.666	1.743	1.322	1.511	1.556	1.755	1.617	1.693	1.766	1.775	1.326	1.556	1.333	1.510	1.758	1.595	1.657	1.745	1.717	1.620	1.297
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.187	1.578	1.437	1.591	1.593	1.496	1.573	1.152	1.341	1.386	1.585	1.447	1.523	1.596	1.605	1.156	1.386	1.163	1.340	1.588	1.425	1.487	1.575	1.547	1.450	1.127

SAR peak location (mm)			X (axis)		0.3	17	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		67	33	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results	0+1+7+25 SPLSR Results	0+1+7+26 SPLSR Results	0+1+7+27 SPLSR Results	0+1+7+28 SPLSR Results	0+1+7+29 SPLSR Results	0+1+7+30 SPLSR Results	0+1+7+31 SPLSR Results	0+1+7+32 SPLSR Results	0+1+7+33 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.187	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.187	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.187	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02		0.02	0.02	0.02	0.02	
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.187	0.02	0.02	0.03	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.03	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.187	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02	0.02	0.02	0.02	0.02	
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.187	0.02	0.02	0.02	0.02	0.02	0.02				0.02	0.02	0.02	0.02	0.02					0.02	0.02	0.02	0.02	0.02	0.02	
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.187													0.02	0.02											

<Case 85>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR	0+1+2+25 Summed SAR	0+1+2+26 Summed SAR	0+1+2+27 Summed SAR	0+1+2+28 Summed SAR	0+1+2+29 Summed SAR	0+1+2+30 Summed SAR	0+1+2+31 Summed SAR	0+1+2+32 Summed SAR	0+1+2+33 Summed SAR
LTE Band 48_Ant 7 TX1	0.242	0.157	0.276	1.483	1.342	1.496	1.498	1.401	1.478	1.057	1.246	1.291	1.490	1.352	1.428	1.501	1.510	1.061	1.291	1.068	1.245	1.493	1.330	1.392	1.480	1.452	1.355	1.032
FR1 n48_Ant 7 TX1	0.306	0.157	0.276	1.547	1.406	1.560	1.562	1.465	1.542	1.121	1.310	1.355	1.554	1.416	1.492	1.565	1.574	1.125	1.355	1.132	1.309	1.557	1.394	1.456	1.544	1.516	1.419	1.096
FR1 n77_Ant 7 TX1	0.358	0.157	0.276	1.599	1.458	1.612	1.614	1.517	1.594	1.173	1.362	1.407	1.606	1.468	1.544	1.617	1.626	1.177	1.407	1.184	1.361	1.609	1.446	1.508	1.596	1.568	1.471	1.148

SAR peak location (mm)			X (axis)		14	0.3	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		30.5	67	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results	0+1+2+25 SPLSR Results	0+1+2+26 SPLSR Results	0+1+2+27 SPLSR Results	0+1+2+28 SPLSR Results	0+1+2+29 SPLSR Results	0+1+2+30 SPLSR Results	0+1+2+31 SPLSR Results	0+1+2+32 SPLSR Results	0+1+2+33 SPLSR Results
-46.5	-67.5	-207	LTE Band 48_Ant 7 TX1	0.242	0.157	0.276																									
-57.5	-50	-207	FR1 n48_Ant 7 TX1	0.306	0.157	0.276																									
-59.5	-50	-207	FR1 n77_Ant 7 TX1	0.358	0.157	0.276	0.04		0.04	0.03						0.04			0.04	0.04					0.03			0.04			

<Case 86>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR	0+1+2+23 Summed SAR	0+1+2+24 Summed SAR	0+1+2+25 Summed SAR	0+1+2+26 Summed SAR	0+1+2+27 Summed SAR	0+1+2+28 Summed SAR	0+1+2+29 Summed SAR	0+1+2+30 Summed SAR	0+1+2+31 Summed SAR	0+1+2+32 Summed SAR	0+1+2+33 Summed SAR
LTE Band 48_Ant 7 TX1	0.242	0.145	0.276	1.471	1.330	1.484	1.486	1.389	1.466	1.045	1.234	1.279	1.478	1.340	1.416	1.489	1.498	1.049	1.279	1.056	1.233	1.481	1.318	1.380	1.468	1.440	1.343	1.020
FR1 n48_Ant 7 TX1	0.306	0.145	0.276	1.535	1.394	1.548	1.550	1.453	1.530	1.109	1.298	1.343	1.542	1.404	1.480	1.553	1.562	1.113	1.343	1.120	1.297	1.545	1.382	1.444	1.532	1.504	1.407	1.084
FR1 n77_Ant 7 TX1	0.358	0.145	0.276	1.587	1.446	1.600	1.602	1.505	1.582	1.161	1.350	1.395	1.594	1.456	1.532	1.605	1.614	1.165	1.395	1.172	1.349	1.597	1.434	1.496	1.584	1.556	1.459	1.136

SAR peak location (mm)			X (axis)		16	0.3	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		30	67	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results	0+1+2+23 SPLSR Results	0+1+2+24 SPLSR Results	0+1+2+25 SPLSR Results	0+1+2+26 SPLSR Results	0+1+2+27 SPLSR Results	0+1+2+28 SPLSR Results	0+1+2+29 SPLSR Results	0+1+2+30 SPLSR Results	0+1+2+31 SPLSR Results	0+1+2+32 SPLSR Results	0+1+2+33 SPLSR Results
-46.5	-67.5	-207	LTE Band 48_Ant 7 TX1	0.242	0.145	0.276																									
-57.5	-50	-207	FR1 n48_Ant 7 TX1	0.306	0.145	0.276																									
-59.5	-50	-207	FR1 n77_Ant 7 TX1	0.358	0.145	0.276			0.04	0.03									0.04	0.04					0.03						

<Case 87>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.570	0.818	0.655	0.717	0.805	0.777	0.680	0.357
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR	0+1+7+23 Summed SAR	0+1+7+24 Summed SAR	0+1+7+25 Summed SAR	0+1+7+26 Summed SAR	0+1+7+27 Summed SAR	0+1+7+28 Summed SAR	0+1+7+29 Summed SAR	0+1+7+30 Summed SAR	0+1+7+31 Summed SAR	0+1+7+32 Summed SAR	0+1+7+33 Summed SAR
LTE Band 48_Ant 7 TX1	0.242	0.276	0.210	1.536	1.395	1.549	1.551	1.454	1.531	1.110	1.299	1.344	1.543	1.405	1.481	1.554	1.563	1.114	1.344	1.121	1.298	1.546	1.383	1.445	1.533	1.505	1.408	1.085
FR1 n48_Ant 7 TX1	0.306	0.276	0.210	1.600	1.459	1.613	1.615	1.518	1.595	1.174	1.363	1.408	1.607	1.469	1.545	1.618	1.627	1.178	1.408	1.185	1.362	1.610	1.447	1.509	1.597	1.569	1.472	1.149
FR1 n77_Ant 7 TX1	0.358	0.276	0.210	1.652	1.511	1.665	1.667	1.570	1.647	1.226	1.415	1.460	1.659	1.521	1.597	1.670	1.679	1.230	1.460	1.237	1.414	1.662	1.499	1.561	1.649	1.621	1.524	1.201

SAR peak location (mm)			X (axis)		0.3	11	-11.2	-7.4	-5.4	-4.4	-14.4	-16.5	-15.4	-14.2	-14.4	-11.9	-13.4	-18.5	-12.5	-10.1	-15.2	-41.5	-14.4	-16.4	-7.9	-13.9	-13.5	-14	-10.6	-7.9	-18.4
			Y (axis)		67	31.5	-79.4	-76.9	-67.4	-81.4	-81.4	-73.5	-79.9	-81.4	-81.4	-75.9	-78.4	-72	-73.5	-77.9	-77.3	-63	-76.1	-78.9	-80.6	-76.9	-76.5	-73	-75.4	-77.4	-70.1
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM850_Ant 0 TX0	GSM1900_Ant 0 TX1	WCDMA II_Ant 0 TX1	WCDMA IV_Ant 0 TX1	WCDMA V_Ant 0 TX0	LTE Band 7_Ant 0 TX1	LTE Band 12_Ant 0 TX0	LTE Band 13_Ant 0 TX0	LTE Band 14_Ant 0 TX0	LTE Band 25_Ant 0 TX1	LTE Band 26_Ant 0 TX0	LTE Band 30_Ant 0 TX1	LTE Band 41_Ant 0 TX1	LTE Band 66_Ant 0 TX1	LTE Band 71_Ant 0 TX0	FR1 n7_Ant 0 TX1	FR1 n12_Ant 0 TX0	FR1 n14_Ant 0 TX0	FR1 n25_Ant 0 TX1	FR1 n26_Ant 0 TX0	FR1 n30_Ant 0 TX1	FR1 n41_Ant 0 TX1	FR1 n66_Ant 0 TX1	FR1 n70_Ant 0 TX1	FR1 n71_Ant 0 TX0
			Back	1g SAR (W/kg)			0.808	0.667	0.821	0.823	0.726	0.803	0.382	0.571	0.616	0.815	0.677	0.753	0.826	0.835	0.386	0.616	0.393	0.57	0.818	0.655	0.717	0.805	0.777	0.68	0.357
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results	0+1+7+23 SPLSR Results	0+1+7+24 SPLSR Results	0+1+7+25 SPLSR Results	0+1+7+26 SPLSR Results	0+1+7+27 SPLSR Results	0+1+7+28 SPLSR Results	0+1+7+29 SPLSR Results	0+1+7+30 SPLSR Results	0+1+7+31 SPLSR Results	0+1+7+32 SPLSR Results	0+1+7+33 SPLSR Results
-46.5	-67.5	-207	LTE Band 48_Ant 7 TX1	0.242	0.276	0.210																									
-57.5	-50	-207	FR1 n48_Ant 7 TX1	0.306	0.276	0.210	0.04		0.04	0.03		0.04				0.04			0.04	0.04					0.04			0.04			
-59.5	-50	-207	FR1 n77_Ant 7 TX1	0.358	0.276	0.210	0.04		0.04	0.03		0.04				0.04		0.04	0.04	0.04					0.04			0.04	0.04		

<Case 88>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA V_Ant 2 TX0	LTE Band 2_Ant 2 TX0	LTE Band 4_Ant 2 TX0	LTE Band 5_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 12_Ant 2 TX0	LTE Band 13_Ant 2 TX0	LTE Band 14_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	LTE Band 71_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0	GSM850_Ant 1 TX1	WCDMA V_Ant 1 TX1	LTE Band 12_Ant 1 TX1	LTE Band 13_Ant 1 TX1	LTE Band 14_Ant 1 TX1	LTE Band 25_Ant 1 Sub TX0	LTE Band 26_Ant 1 Sub TX0
Back	1g SAR (W/kg)			0.640	0.490	0.376	0.350	0.515	0.520	0.842	0.427	0.832	0.722	0.346	0.384	0.422	0.533	0.748	0.424	0.819	0.343	0.722	0.346	0.384	0.640	0.157	0.276	0.157	0.276	0.157	0.276
				0+1=2+6 Summed SAR	0+1=2+10 Summed SAR	0+1=2+11 Summed SAR	0+1=2+12 Summed SAR	0+1=2+13 Summed SAR	0+1=2+14 Summed SAR	0+1=2+15 Summed SAR	0+1=2+16 Summed SAR	0+1=2+17 Summed SAR	0+1=2+18 Summed SAR	0+1=2+19 Summed SAR	0+1=2+20 Summed SAR	0+1=2+21 Summed SAR	0+1=2+22 Summed SAR													
GSM850_Ant 1 TX1	0.640	0.157	0.276	1.487	1.534	1.488	1.435	1.454	1.486	1.577	1.431	1.413	1.451	1.412	1.633	1.431	1.524														
WCDMA V_Ant 1 TX1	0.490	0.157	0.276	1.337	1.384	1.348	1.285	1.304	1.336	1.427	1.281	1.263	1.301	1.262	1.469	1.281	1.374														
LTE Band 12_Ant 1 TX1	0.351	0.157	0.276	1.188	1.245	1.228	1.146	1.165	1.197	1.288	1.142	1.124	1.162	1.123	1.330	1.142	1.235														
LTE Band 13_Ant 1 TX1	0.515	0.157	0.276	1.362	1.409	1.373	1.310	1.329	1.361	1.452	1.306	1.288	1.326	1.287	1.464	1.306	1.399														
LTE Band 14_Ant 1 TX1	0.520	0.157	0.276	1.367	1.414	1.378	1.315	1.334	1.366	1.457	1.311	1.293	1.331	1.292	1.469	1.311	1.404														
LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	1.689	1.736	1.709	1.637	1.664	1.688	1.779	1.633	1.615	1.653	1.614	1.821	1.633	1.726														
LTE Band 26_Ant 1 TX0	0.427	0.157	0.276	1.264	1.311	1.275	1.212	1.231	1.263	1.354	1.208	1.190	1.228	1.189	1.396	1.208	1.301														
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	1.679	1.726	1.699	1.627	1.646	1.678	1.769	1.623	1.605	1.643	1.604	1.811	1.623	1.716														
LTE Band 71_Ant 1 TX0	0.288	0.157	0.276	1.136	1.183	1.147	1.084	1.103	1.135	1.226	1.080	1.062	1.100	1.061	1.269	1.080	1.173														
FR1 n12_Ant 1 TX0	0.422	0.157	0.276	1.269	1.318	1.280	1.217	1.236	1.268	1.359	1.213	1.195	1.233	1.194	1.401	1.213	1.306														
FR1 n14_Ant 1 TX0	0.533	0.157	0.276	1.380	1.427	1.391	1.328	1.347	1.379	1.470	1.324	1.306	1.344	1.305	1.512	1.324	1.417														
FR1 n25_Ant 1 Sub TX0	0.748	0.157	0.276	1.593	1.640	1.604	1.541	1.560	1.592	1.683	1.537	1.519	1.557	1.518	1.725	1.537	1.630														
FR1 n30_Ant 1 TX0	0.424	0.157	0.276	1.271	1.318	1.282	1.219	1.238	1.270	1.361	1.215	1.197	1.235	1.196	1.403	1.215	1.308														
FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	1.666	1.713	1.677	1.614	1.633	1.665	1.756	1.610	1.592	1.630	1.591	1.798	1.610	1.703														
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276	1.180	1.237	1.201	1.138	1.157	1.189	1.280	1.134	1.116	1.154	1.115	1.322	1.134	1.227														
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	1.569	1.616	1.580	1.517	1.536	1.568	1.659	1.513	1.495	1.533	1.494	1.701	1.513	1.606														
FR1 n71_Ant 1 TX0	0.346	0.157	0.276	1.193	1.240	1.204	1.141	1.160	1.192	1.283	1.137	1.119	1.157	1.118	1.325	1.137	1.230														
FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	1.231	1.278	1.242	1.179	1.198	1.230	1.321	1.175	1.157	1.195	1.156	1.363	1.175	1.268														

SAR peak location (mm)			X (mm)	-14	-6.5	-56.5	-54.5	-63.2	-55	-14.5	-9.5	-17.4	-10.5	-56.5	-12.5	-56.5	-56	-57.5	-14.5	-14.5	-55.5
			Y (mm)	36.5	67	-50.8	-49.4	-58	-42	-58.1	-58	-46.5	-58	-45	-58.5	-57	-44.5	-64.5	-44.5	-49.8
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA V_Ant 2 TX0	LTE Band 2_Ant 2 TX0	LTE Band 4_Ant 2 TX0	LTE Band 5_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 12_Ant 2 TX0	LTE Band 13_Ant 2 TX0	LTE Band 14_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	LTE Band 71_Ant 2 TX0
			Back	1g SAR (W/kg)			0.640	0.490	0.376	0.350	0.515	0.520	0.842	0.427	0.832	0.722	0.346	0.384	0.422	0.533
							0+1=2+6 SPLSR Results	0+1=2+10 SPLSR Results	0+1=2+11 SPLSR Results	0+1=2+12 SPLSR Results	0+1=2+13 SPLSR Results	0+1=2+14 SPLSR Results	0+1=2+15 SPLSR Results	0+1=2+16 SPLSR Results	0+1=2+17 SPLSR Results	0+1=2+18 SPLSR Results	0+1=2+19 SPLSR Results	0+1=2+20 SPLSR Results	0+1=2+21 SPLSR Results	0+1=2+22 SPLSR Results
-4.0	56.1	-207	GSM850_Ant 1 TX1	0.640	0.157	0.276														
-4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.157	0.276														
-4	56.8	-207	LTE Band 12_Ant 1 TX1	0.350	0.157	0.276														
-5.3	55.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.157	0.276														
-2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.157	0.276														
-2.8	55.8	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
-1.9	56.1	-207	LTE Band 26_Ant 1 TX0	0.427	0.157	0.276														
-3.4	55.8	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
-5.1	55.8	-207	LTE Band 71_Ant 1 TX0	0.288	0.157	0.276														
3.8	56.1	-207	FR1 n12_Ant 1 TX0	0.422	0.157	0.276														
2.3	56.3	-207	FR1 n14_Ant 1 TX0	0.533	0.157	0.276														
0.0	55.3	-207	FR1 n25_Ant 1 Sub TX0	0.748	0.157	0.276		0.02	0.02											0.02
1.3	56.8	-207	FR1 n30_Ant 1 TX0	0.424	0.157	0.276														
-3	57	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
-36.8	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276														
3.6	55.8	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276		0.02						0.02						
-4.1	56.1	-207	FR1 n71_Ant 1 TX0	0.346	0.157	0.276														
14.5	48	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276														

<Case 89>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA V_Ant 2 TX0	LTE Band 2_Ant 2 TX0	LTE Band 4_Ant 2 TX0	LTE Band 5_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 12_Ant 2 TX0	LTE Band 13_Ant 2 TX0	LTE Band 14_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	LTE Band 71_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0	GSM850_Ant 1 TX1	WCDMA V_Ant 1 TX1	LTE Band 12_Ant 1 TX1	LTE Band 13_Ant 1 TX1	LTE Band 14_Ant 1 TX1	LTE Band 25_Ant 1 Sub TX0	LTE Band 26_Ant 1 TX0
Back	1g SAR (W/kg)			0.640	0.490	0.376	0.350	0.515	0.520	0.842	0.427	0.832	0.722	0.346	0.384	0.422	0.533	0.748	0.424	0.819	0.343	0.722	0.346	0.384	0.640	0.157	0.276	0.157	0.276	0.157	0.276
				0+1=2+6 Summed SAR	0+1=2+10 Summed SAR	0+1=2+11 Summed SAR	0+1=2+12 Summed SAR	0+1=2+13 Summed SAR	0+1=2+14 Summed SAR	0+1=2+15 Summed SAR	0+1=2+16 Summed SAR	0+1=2+17 Summed SAR	0+1=2+18 Summed SAR	0+1=2+19 Summed SAR	0+1=2+20 Summed SAR	0+1=2+21 Summed SAR	0+1=2+22 Summed SAR													
GSM850_Ant 1 TX1	0.640	0.157	0.276	1.487	1.534	1.488	1.435	1.454	1.486	1.577	1.431	1.413	1.451	1.412	1.633	1.431	1.524														
WCDMA V_Ant 1 TX1	0.490	0.157	0.276	1.337	1.384	1.348	1.285	1.304	1.336	1.427	1.281	1.263	1.301	1.262	1.469	1.281	1.374														
LTE Band 12_Ant 1 TX1	0.351	0.157	0.276	1.188	1.245	1.228	1.146	1.165	1.197	1.288	1.142	1.124	1.162	1.123	1.330	1.142	1.235														
LTE Band 13_Ant 1 TX1	0.515	0.157	0.276	1.362	1.409	1.373	1.310	1.329	1.361	1.452	1.306	1.288	1.326	1.287	1.464	1.306	1.399														
LTE Band 14_Ant 1 TX1	0.520	0.157	0.276	1.367	1.414	1.378	1.315	1.334	1.366	1.457	1.311	1.293	1.331	1.292	1.469	1.311	1.404														
LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	1.689	1.736	1.709	1.637	1.664	1.688	1.779	1.633	1.615	1.653	1.614	1.821	1.633	1.726														
LTE Band 26_Ant 1 TX0	0.427	0.157	0.276	1.264	1.311	1.275	1.212	1.231	1.263	1.354	1.208	1.190	1.228	1.189	1.396	1.208	1.301														
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	1.679	1.726	1.699	1.627	1.646	1.678	1.769	1.623	1.605	1.643	1.604	1.811	1.623	1.716														
LTE Band 71_Ant 1 TX0	0.288	0.157	0.276	1.136	1.183	1.147	1.084	1.103	1.135	1.226	1.080	1.062	1.100	1.061	1.269	1.080	1.173														
FR1 n12_Ant 1 TX0	0.422	0.157	0.276	1.269	1.318	1.280	1.217	1.236	1.268	1.359	1.213	1.195	1.233	1.194	1.401	1.213	1.306														
FR1 n14_Ant 1 TX0	0.533	0.157	0.276	1.380	1.427	1.391	1.328	1.347	1.379	1.470	1.324	1.306	1.344	1.305	1.512	1.324	1.417														
FR1 n25_Ant 1 Sub TX0	0.748	0.157	0.276	1.593	1.640	1.604	1.541	1.560	1.592	1.683	1.537	1.519	1.557	1.518	1.725	1.537	1.630														
FR1 n30_Ant 1 TX0	0.424	0.157	0.276	1.271	1.318	1.282	1.219	1.238	1.270	1.361	1.215	1.197	1.235	1.196	1.403	1.215	1.308														
FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	1.666	1.713	1.677	1.614	1.633	1.665	1.756	1.610	1.592	1.630	1.591	1.798	1.610	1.703														
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276	1.180	1.237	1.201	1.138	1.157	1.189	1.280	1.134	1.116	1.154	1.115	1.322	1.134	1.227														
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	1.569	1.616	1.580	1.517	1.536	1.568	1.659	1.513	1.495	1.533	1.494	1.701	1.513	1.606														
FR1 n71_Ant 1 TX0	0.346	0.157	0.276	1.193	1.240	1.204	1.141	1.160	1.192	1.283	1.137	1.119	1.157	1.118	1.325	1.137	1.230														
FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	1.231	1.278	1.242	1.179	1.198	1.230	1.321	1.175	1.157	1.195	1.156	1.363	1.175	1.268														

<Case 90>

SPLSR calculation for summation SAR>1.6W/kg

LTE Band 26_Ant 1 TX0	0.427	0.157	0.276	1.264	1.311	1.275	1.212	1.231	1.263	1.354	1.208	1.190	1.228	1.189	1.396	1.208	1.301														
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	1.679	1.726	1.699	1.627	1.646	1.678	1.769	1.623	1.605	1.643	1.604	1.811	1.623	1.716														
LTE Band 71_Ant 1 TX0	0.288	0.157	0.276	1.136	1.183	1.147	1.084	1.103	1.135	1.226	1.080	1.062	1.100	1.061	1.269	1.080	1.173														
FR1 n12_Ant 1 TX0	0.422	0.157	0.276	1.269	1.318	1.280	1.217	1.236	1.268	1.359	1.213	1.195	1.233	1.194	1.401	1.213	1.306														
FR1 n14_Ant 1 TX0	0.533	0.157	0.276	1.380	1.427	1.391	1.328	1.347	1.379	1.470	1.324	1.306	1.344	1.305	1.512	1.324	1.417														
FR1 n25_Ant 1 Sub TX0	0.748	0.157	0.276	1.593	1.640	1.604	1.541	1.560	1.592	1.683	1.537	1.519	1.557	1.518	1.725	1.537	1.630														
FR1 n30_Ant 1 TX0	0.424	0.157	0.276	1.271	1.318	1.282	1.219	1.238	1.270	1.361	1.215	1.197	1.235	1.196	1.403	1.215	1.308														
FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	1.666	1.713	1.677	1.614	1.633	1.665	1.756	1.610	1.592	1.630	1.591	1.798	1.610	1.703														
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276	1.180	1.237	1.201	1.138	1.157	1.189	1.280	1.134	1.116	1.154	1.115	1.322	1.134	1.227														
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	1.569	1.616	1.580	1.517	1.536	1.568	1.659	1.513	1.495	1.533	1.494	1.701	1.513	1.606														
FR1 n71_Ant 1 TX0	0.346	0.157	0.276	1.193	1.240	1.204	1.141	1.160	1.192	1.283	1.137	1.119	1.157	1.118	1.325	1.137	1.230														
FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	1.231	1.278	1.242	1.179	1.198	1.230	1.321	1.175	1.157	1.195	1.156	1.363	1.175	1.268														

<Case 91>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA V_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.454	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1=2+9 Summed SAR	0+1=2+10 Summed SAR	0+1=2+11 Summed SAR	0+1=2+12 Summed SAR	0+1=2+13 Summed SAR	0+1=2+14 Summed SAR	0+1=2+15 Summed SAR	0+1=2+16 Summed SAR	0+1=2+17 Summed SAR	0+1=2+18 Summed SAR	0+1=2+19 Summed SAR	0+1=2+20 Summed SAR	0+1=2+21 Summed SAR	0+1=2+22 Summed SAR
GSM850_Ant 1 TX1	0.640	0.157	0.276	1.487	1.534	1.488	1.435	1.454	1.486	1.577	1.431	1.413	1.451	1.412	1.633	1.431	1.524
WCDMA V_Ant 1 TX1	0.490	0.157	0.276	1.337	1.384	1.348	1.285	1.304	1.336	1.427	1.281	1.263	1.301	1.262	1.469	1.281	1.374
LTE Band 12_Ant 1 TX1	0.351	0.157	0.276	1.188	1.245	1.228	1.146	1.165	1.197	1.288	1.142	1.124	1.162	1.123	1.330	1.142	1.235
LTE Band 13_Ant 1 TX1	0.515	0.157	0.276	1.362	1.409	1.373	1.310	1.329	1.361	1.452	1.306	1.288	1.326	1.287	1.464	1.306	1.399
LTE Band 14_Ant 1 TX1	0.520	0.157	0.276	1.367	1.414	1.378	1.315	1.334	1.366	1.457	1.311	1.293	1.331	1.292	1.469	1.311	1.404
LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	1.689	1.736	1.709	1.637	1.664	1.688	1.779	1.633	1.615	1.653	1.614	1.821	1.633	1.726
LTE Band 26_Ant 1 TX0	0.427	0.157	0.276	1.264	1.311	1.275	1.212	1.231	1.263	1.354	1.208	1.190	1.228	1.189	1.396	1.208	1.301
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	1.679	1.726	1.699	1.627	1.646	1.678	1.769	1.623	1.605	1.643	1.604	1.811	1.623	1.716
LTE Band 71_Ant 1 TX0	0.288	0.157	0.276	1.136	1.183	1.147	1.084	1.103	1.135	1.226	1.080	1.062	1.100	1.061	1.269	1.080	1.173
FR1 n12_Ant 1 TX0	0.422	0.157	0.276	1.269	1.318	1.280	1.217	1.236	1.268	1.359	1.213	1.195	1.233	1.194	1.401	1.213	1.306
FR1 n14_Ant 1 TX0	0.533	0.157	0.276	1.380	1.427	1.391	1.328	1.347	1.379	1.470	1.324	1.306	1.344	1.305	1.512	1.324	1.417
FR1 n25_Ant 1 Sub TX0	0.748	0.157	0.276	1.593	1.640	1.604	1.541	1.560	1.592	1.683	1.537	1.519	1.557	1.518	1.725	1.537	1.630
FR1 n30_Ant 1 TX0	0.424	0.157	0.276	1.271	1.318	1.282	1.219	1.238	1.270	1.361	1.215	1.197	1.235	1.196	1.403	1.215	1.308
FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	1.666	1.713	1.677	1.614	1.633	1.665	1.756	1.610	1.592	1.630	1.591	1.798	1.610	1.703
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276	1.180	1.237	1.201	1.138	1.157	1.189	1.280	1.134	1.116	1.154	1.115	1.322	1.134	1.227
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	1.569	1.616	1.580	1.517	1.536	1.568	1.659	1.513	1.495	1.533	1.494	1.701	1.513	1.606
FR1 n71_Ant 1 TX0	0.346	0.157	0.276	1.193	1.240	1.204	1.141	1.160	1.192	1.283	1.137	1.119	1.157	1.118	1.325	1.137	1.230
FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	1.231	1.278	1.242	1.179	1.198	1.230	1.321	1.175	1.157	1.195	1.156	1.363	1.175	1.268

SAR peak location (mm)			X (mm)	-14	-6.5	-56.5	-54.5	-63.2	-55	-14.5	-9.5	-17.4	-10.5	-56.5	-12.5	-56.5	-56	-57.5	-14.5	-14.5	-55.5
			Y (mm)	36.5	67	-50.8	-49.4	-58	-42	-58.1	-58	-46.5	-58	-45	-58.5	-57	-44.5	-64.5	-44.5	-49.8
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA V_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.454	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
							0+1=2+9 SPLSR Results	0+1=2+10 SPLSR Results	0+1=2+11 SPLSR Results	0+1=2+12 SPLSR Results	0+1=2+13 SPLSR Results	0+1=2+14 SPLSR Results	0+1=2+15 SPLSR Results	0+1=2+16 SPLSR Results	0+1=2+17 SPLSR Results	0+1=2+18 SPLSR Results	0+1=2+19 SPLSR Results	0+1=2+20 SPLSR Results	0+1=2+21 SPLSR Results	0+1=2+22 SPLSR Results
-4.0	56.1	-207	GSM850_Ant 1 TX1	0.640

<Case 92>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 1	WLAN5GHz Ant 2+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.451
				20+10+0 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+17 Summed SAR	20+10+18 Summed SAR	20+10+18 Summed SAR	20+10+18 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR
GSM850_Ant 1 TX0	0.640	0.062	0.276	1.392	1.439	1.403	1.340	1.359	1.391	1.462	1.316	1.318	1.356	1.317	1.524	1.338	1.439
WCDMA V_Ant 1 TX0	0.480	0.062	0.276	1.242	1.289	1.253	1.190	1.209	1.241	1.312	1.166	1.168	1.206	1.167	1.374	1.188	1.279
LTE Band 12_Ant 1 TX0	0.351	0.062	0.276	1.203	1.150	1.114	1.051	1.070	1.102	1.163	1.047	1.039	1.067	1.028	1.225	1.047	1.140
LTE Band 13_Ant 1 TX0	0.515	0.062	0.276	1.267	1.314	1.278	1.215	1.234	1.266	1.317	1.211	1.193	1.231	1.192	1.389	1.211	1.304
LTE Band 14_Ant 1 TX0	0.520	0.062	0.276	1.272	1.319	1.283	1.220	1.239	1.271	1.322	1.216	1.198	1.236	1.197	1.414	1.216	1.309
LTE Band 26_Ant 1 Sub TX0	0.842	0.062	0.276	1.584	1.641	1.605	1.542	1.561	1.593	1.664	1.538	1.520	1.558	1.519	1.726	1.538	1.641
LTE Band 26_Ant 1 TX0	0.417	0.062	0.276	1.168	1.216	1.180	1.117	1.136	1.168	1.229	1.113	1.095	1.133	1.094	1.301	1.112	1.206
LTE Band 66_Ant 1 Sub TX0	0.832	0.062	0.276	1.584	1.641	1.605	1.532	1.551	1.583	1.654	1.524	1.510	1.548	1.509	1.716	1.528	1.631
LTE Band 71_Ant 1 TX0	0.269	0.062	0.276	1.101	1.089	1.052	0.999	1.018	1.049	1.121	0.993	0.967	1.005	0.966	1.173	0.995	1.076
FR1 n12_Ant 1 TX0	0.422	0.062	0.276	1.174	1.221	1.185	1.132	1.141	1.173	1.264	1.118	1.100	1.138	1.098	1.356	1.118	1.211
FR1 n14_Ant 1 TX0	0.533	0.062	0.276	1.285	1.332	1.296	1.233	1.252	1.284	1.375	1.229	1.211	1.249	1.210	1.417	1.229	1.322
FR1 n26_Ant 1 Sub TX0	0.746	0.062	0.276	1.498	1.545	1.509	1.436	1.465	1.497	1.583	1.442	1.424	1.462	1.423	1.623	1.442	1.535
FR1 n26_Ant 1 TX0	0.424	0.062	0.276	1.179	1.223	1.187	1.124	1.143	1.175	1.266	1.120	1.102	1.140	1.101	1.359	1.120	1.213
FR1 n41_Ant 1 Sub TX0	0.919	0.062	0.276	1.571	1.619	1.582	1.519	1.538	1.570	1.661	1.515	1.497	1.535	1.496	1.703	1.515	1.608
FR1 n48_Ant 1 Sub TX0	0.343	0.062	0.276	1.095	1.142	1.106	1.043	1.062	1.094	1.165	1.039	1.021	1.059	1.020	1.227	1.038	1.132
FR1 n66_Ant 1 Sub TX0	0.721	0.062	0.276	1.474	1.521	1.485	1.422	1.441	1.473	1.564	1.418	1.400	1.438	1.399	1.606	1.418	1.511
FR1 n70_Ant 1 TX0	0.348	0.062	0.276	1.098	1.145	1.109	1.046	1.065	1.097	1.168	1.042	1.024	1.062	1.023	1.230	1.042	1.135
FR1 n77_Ant 1 Sub TX0	0.384	0.062	0.276	1.139	1.183	1.147	1.084	1.103	1.135	1.226	1.080	1.062	1.100	1.061	1.269	1.080	1.173

SAR peak location (mm)			X (mm)	10	5.9	60.1	-56.1	-62.2	-58	-43.1	50.5	-57.5	42.5	56.5	-42.9	51	-57.5	-41.5	-41.2	52.8
			Y (mm)	30	47	-62.8	-69.8	-58	-42	-58.1	-38	-65.5	-58	-62	-69.6	-57	-61.5	-44.5	-44.5	-65.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN2.4GHz Ant 1	WLAN5GHz Ant 2+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.451
							20+10+0 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+17 SPLSR Results	20+10+18 SPLSR Results	20+10+18 SPLSR Results	20+10+18 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX0	0.640	0.062	0.276														
4.1	56.6	-207	WCDMA V_Ant 1 TX0	0.480	0.062	0.276														
4	56.8	-207	LTE Band 12_Ant 1 TX0	0.351	0.062	0.276														
4.1	53.8	-207	LTE Band 13_Ant 1 TX0	0.515	0.062	0.276														
2.8	56.1	-207	LTE Band 14_Ant 1 TX0	0.520	0.062	0.276														
1.8	76.5	-207	LTE Band 26_Ant 1 Sub TX0	0.842	0.062	0.276			0.02	0.02				0.02				0.02		0.05
1.9	55.1	-207	LTE Band 26_Ant 1 TX0	0.417	0.062	0.276														
-0.2	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.062	0.276			0.02	0.02				0.02				0.02		0.02
5.1	56.8	-207	LTE Band 71_Ant 1 TX0	0.269	0.062	0.276														
3.6	56.1	-207	FR1 n12_Ant 1 TX0	0.422	0.062	0.276														
3.9	56.1	-207	FR1 n14_Ant 1 TX0	0.533	0.062	0.276														
0.6	79.6	-207	FR1 n26_Ant 1 Sub TX0	0.746	0.062	0.276														
1.3	56.6	-207	FR1 n26_Ant 1 TX0	0.424	0.062	0.276														
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.919	0.062	0.276			0.02	0.02				0.02				0.02		0.02
55.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.062	0.276														
3.6	76.6	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.062	0.276			0.02					0.02				0.02		
4.1	56.1	-207	FR1 n70_Ant 1 TX0	0.348	0.062	0.276														
14.5	55	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.062	0.276														

<Case 93>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 1+2	WLAN5GHz Ant 1+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.451
				20+10+0 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR	20+10+17 Summed SAR	20+10+18 Summed SAR	20+10+18 Summed SAR	20+10+18 Summed SAR	20+10+10 Summed SAR	20+10+10 Summed SAR
GSM850_Ant 1 TX0	0.640	0.145	0.276	1.475	1.522	1.484	1.423	1.442	1.474	1.565	1.419	1.401	1.439	1.400	1.607	1.419	1.522
WCDMA V_Ant 1 TX0	0.480	0.145	0.276	1.315	1.372	1.334	1.273	1.292	1.324	1.415	1.249	1.251	1.289	1.250	1.457	1.248	1.362
LTE Band 12_Ant 1 TX0	0.351	0.145	0.276	1.186	1.233	1.197	1.134	1.153	1.185	1.276	1.130	1.112	1.150	1.111	1.318	1.130	1.233
LTE Band 13_Ant 1 TX0	0.515	0.145	0.276	1.392	1.367	1.361	1.298	1.317	1.349	1.440	1.294	1.276	1.314	1.275	1.482	1.294	1.387
LTE Band 14_Ant 1 TX0	0.520	0.145	0.276	1.398	1.402	1.364	1.300	1.322	1.354	1.445	1.299	1.281	1.319	1.280	1.487	1.298	1.392
LTE Band 26_Ant 1 Sub TX0	0.842	0.145	0.276	1.671	1.734	1.696	1.628	1.648	1.679	1.767	1.621	1.603	1.641	1.602	1.809	1.621	1.734
LTE Band 26_Ant 1 TX0	0.417	0.145	0.276	1.252	1.299	1.263	1.200	1.219	1.252	1.342	1.196	1.178	1.216	1.177	1.384	1.196	1.289
LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.276	1.667	1.713	1.675	1.610	1.629	1.666	1.757	1.611	1.593	1.631	1.592	1.799	1.611	1.714
LTE Band 71_Ant 1 TX0	0.269	0.145	0.276	1.184	1.171	1.131	1.073	1.094	1.128	1.214	1.068	1.050	1.088	1.049	1.264	1.068	1.161
FR1 n12_Ant 1 TX0	0.422	0.145	0.276	1.257	1.304	1.268	1.205	1.224	1.256	1.347	1.201	1.183	1.221	1.182	1.389	1.201	1.294
FR1 n14_Ant 1 TX0	0.533	0.145	0.276	1.368	1.415	1.379	1.316	1.335	1.367	1.458	1.312	1.294	1.332	1.293	1.500	1.312	1.405
FR1 n26_Ant 1 Sub TX0	0.746	0.145	0.276	1.581	1.628	1.592	1.519	1.548	1.580	1.667	1.525	1.507	1.545	1.506	1.712	1.525	1.618
FR1 n26_Ant 1 TX0	0.424	0.145	0.276	1.258	1.303	1.266	1.203	1.222	1.255	1.346	1.203	1.185	1.223	1.184	1.391	1.203	1.296
FR1 n41_Ant 1 Sub TX0	0.919	0.145	0.276	1.654	1.701	1.663	1.602	1.621	1.653	1.744	1.598	1.580	1.618	1.579	1.786	1.598	1.691
FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.276	1.178	1.225	1.189	1.126	1.145	1.177	1.268	1.122	1.104	1.142	1.103	1.310	1.122	1.215
FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.276	1.557	1.603	1.568	1.505	1.524	1.556	1.647	1.501	1.483	1.521	1.482	1.689	1.501	1.594
FR1 n70_Ant 1 TX0	0.348	0.145	0.276	1.181	1.229	1.192	1.129	1.148	1.180	1.271	1.125	1.107	1.145	1.106	1.313	1.125	1.218
FR1 n77_Ant 1 Sub TX0	0.384	0.145	0.276	1.219	1.266	1.230	1.167	1.186	1.218	1.309	1.163	1.145	1.183	1.144	1.351	1.163	1.256

SAR peak location (mm)			X (mm)	10	5.9	60.1	-56.1	-62.2	-58	-43.1	50.5	-57.5	42.5	56.5	-42.9	51	-57.5	-41.5	-41.2	52.8
			Y (mm)	30	47	-62.8	-69.8	-58	-42	-58.1	-38	-65.5	-58	-62	-69.6	-57	-61.5	-44.5	-44.5	-65.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN2.4GHz Ant 1+2	WLAN5GHz Ant 1+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.544	0.358	0.451
							20+10+0 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results	20+10+17 SPLSR Results	20+10+18 SPLSR Results	20+10+18 SPLSR Results	20+10+18 SPLSR Results	20+10+10 SPLSR Results	20+10+10 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX0	0.640	0.145	0.276												0.02		
4.1	56.6	-207	WCDMA V_Ant 1 TX0	0.480	0.145	0.276														
4	56.8	-207	LTE Band 12_Ant 1 TX0	0.351	0.145	0.276														
4.1	53.8	-207	LTE Band 13_Ant 1 TX0	0.515	0.145	0.276														
2.8	56.1	-207	LTE Band 14_Ant 1 TX0	0.520	0.145	0.276														
1.8	76.5	-207	LTE Band 26_Ant 1 Sub TX0	0.842	0.145	0.276	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX0	0.417	0.145	0.276														
-0.2	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.276	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02		0.02	0.02	0.02
5.1	56.8	-207	LTE Band 71_Ant 1 TX0	0.269	0.145	0.276														
3.6	56.1	-207	FR1 n12_Ant 1 TX0	0.422	0.145	0.276														
3.9	56.1	-207	FR1 n14_Ant 1 TX0	0.533	0.145	0.276														
0.6	79.6	-207	FR1 n26_Ant 1 Sub TX0	0.746	0.145	0.276		0.02						0.02				0.02		0.02
1.3	56.6	-207	FR1 n26_Ant 1 TX0	0.424	0.145	0.276														
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.919	0.145	0.276	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02
55.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.276														
3.6	76.6	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.276		0.02						0.02				0.02		
4.1	56.1	-207	FR1 n70_Ant 1 TX0	0.348	0.145	0.276														
14.5	55	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.145	0.276														

<Case 94>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.210	1.540	1.587	1.551	1.488	1.507	1.539	1.630	1.484	1.466	1.504	1.465	1.672	1.484	1.577
WCDMA V_Ant 1 TX1	0.490	0.276	0.210	1.390	1.437	1.401	1.338	1.357	1.389	1.480	1.334	1.316	1.354	1.315	1.522	1.334	1.427
LTE Band 12_Ant 1 TX1	0.351	0.276	0.210	1.251	1.298	1.262	1.199	1.218	1.250	1.341	1.195	1.177	1.215	1.176	1.383	1.195	1.288
LTE Band 13_Ant 1 TX1	0.515	0.276	0.210	1.415	1.462	1.426	1.363	1.382	1.414	1.505	1.359	1.341	1.379	1.340	1.547	1.359	1.452
LTE Band 14_Ant 1 TX1	0.520	0.276	0.210	1.420	1.467	1.431	1.368	1.387	1.419	1.510	1.364	1.346	1.384	1.345	1.552	1.364	1.457
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.210	1.742	1.789	1.753	1.690	1.709	1.741	1.832	1.686	1.668	1.706	1.667	1.874	1.686	1.779
LTE Band 26_Ant 1 TX1	0.417	0.276	0.210	1.317	1.364	1.328	1.265	1.284	1.316	1.407	1.261	1.243	1.281	1.242	1.449	1.261	1.354
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.210	1.732	1.779	1.743	1.680	1.699	1.731	1.822	1.676	1.658	1.696	1.657	1.864	1.676	1.769
LTE Band 71_Ant 1 TX1	0.289	0.276	0.210	1.189	1.236	1.200	1.137	1.156	1.188	1.279	1.133	1.115	1.153	1.114	1.321	1.133	1.226
FR1 n12_Ant 1 TX1	0.422	0.276	0.210	1.322	1.369	1.333	1.270	1.289	1.321	1.412	1.266	1.248	1.286	1.247	1.454	1.266	1.359
FR1 n14_Ant 1 TX1	0.533	0.276	0.210	1.433	1.480	1.444	1.381	1.400	1.432	1.523	1.377	1.359	1.397	1.358	1.565	1.377	1.470
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.210	1.646	1.693	1.657	1.594	1.613	1.645	1.736	1.590	1.572	1.610	1.571	1.778	1.590	1.683
FR1 n26_Ant 1 TX1	0.424	0.276	0.210	1.324	1.371	1.335	1.272	1.291	1.323	1.414	1.268	1.250	1.288	1.249	1.456	1.268	1.361
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.210	1.719	1.766	1.730	1.667	1.686	1.718	1.809	1.663	1.645	1.683	1.644	1.851	1.663	1.756
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.210	1.243	1.290	1.254	1.191	1.210	1.242	1.333	1.187	1.169	1.207	1.168	1.375	1.187	1.280
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.210	1.622	1.669	1.633	1.570	1.589	1.621	1.712	1.566	1.548	1.586	1.547	1.754	1.566	1.659
FR1 n71_Ant 1 TX1	0.346	0.276	0.210	1.246	1.293	1.257	1.194	1.213	1.245	1.336	1.190	1.172	1.210	1.171	1.378	1.190	1.283
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.210	1.284	1.331	1.295	1.232	1.251	1.283	1.374	1.228	1.210	1.248	1.209	1.416	1.228	1.321

SAR peak location (mm)																				
			X (axis)		0.3	11	-50.1	-54.1	-42.2	-59	-44.1	-52.5	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)		67	31.5	-50.8	-49.8	-59	-42	-58.1	-59	-65.5	-58	-43	-59.6	-57	-44.5	-64.5	-46.9
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.34	0.378	0.339	0.546	0.358	0.451
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.210							0.02					0.02		
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.210														
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.210														
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.210														
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.210														
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.210														
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.210														
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.210														
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.210														
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.210	0.02	0.02	0.02		0.02	0.02	0.02			0.02		0.02		0.02
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.210														
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.210	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.210														
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.210	0.02	0.02	0.02			0.02	0.02					0.02		0.02
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.210														
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.210														

<Case 95>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.194	1.524	1.571	1.535	1.472	1.491	1.523	1.614	1.468	1.450	1.488	1.449	1.656	1.468	1.561
WCDMA V_Ant 1 TX1	0.490	0.276	0.194	1.374	1.421	1.385	1.322	1.341	1.373	1.464	1.318	1.300	1.338	1.299	1.506	1.318	1.411
LTE Band 12_Ant 1 TX1	0.351	0.276	0.194	1.235	1.282	1.246	1.183	1.202	1.234	1.325	1.179	1.161	1.199	1.160	1.367	1.179	1.272
LTE Band 13_Ant 1 TX1	0.515	0.276	0.194	1.399	1.446	1.410	1.347	1.366	1.398	1.489	1.343	1.325	1.363	1.324	1.531	1.343	1.436
LTE Band 14_Ant 1 TX1	0.520	0.276	0.194	1.404	1.451	1.415	1.352	1.371	1.403	1.494	1.348	1.330	1.368	1.329	1.536	1.348	1.441
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.194	1.726	1.773	1.737	1.674	1.693	1.725	1.816	1.670	1.652	1.690	1.651	1.858	1.670	1.763
LTE Band 26_Ant 1 TX1	0.417	0.276	0.194	1.301	1.348	1.312	1.249	1.268	1.300	1.391	1.245	1.227	1.265	1.226	1.433	1.245	1.338
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.194	1.716	1.763	1.727	1.664	1.683	1.715	1.806	1.660	1.642	1.680	1.641	1.848	1.660	1.753
LTE Band 71_Ant 1 TX1	0.289	0.276	0.194	1.173	1.220	1.184	1.121	1.140	1.172	1.263	1.117	1.099	1.137	1.098	1.305	1.117	1.210
FR1 n12_Ant 1 TX1	0.422	0.276	0.194	1.306	1.353	1.317	1.254	1.273	1.305	1.396	1.250	1.232	1.270	1.231	1.438	1.250	1.343
FR1 n14_Ant 1 TX1	0.533	0.276	0.194	1.417	1.464	1.428	1.365	1.384	1.416	1.507	1.361	1.343	1.381	1.342	1.549	1.361	1.454
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.194	1.630	1.677	1.641	1.578	1.597	1.629	1.720	1.574	1.556	1.594	1.555	1.762	1.574	1.667
FR1 n26_Ant 1 TX1	0.424	0.276	0.194	1.308	1.355	1.319	1.256	1.275	1.307	1.398	1.252	1.234	1.272	1.233	1.440	1.252	1.345
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.194	1.703	1.750	1.714	1.651	1.670	1.702	1.793	1.647	1.629	1.667	1.628	1.835	1.647	1.740
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.194	1.227	1.274	1.238	1.175	1.194	1.226	1.317	1.171	1.153	1.191	1.152	1.359	1.171	1.264
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.194	1.606	1.653	1.617	1.554	1.573	1.605	1.696	1.550	1.532	1.570	1.531	1.738	1.550	1.643
FR1 n71_Ant 1 TX1	0.346	0.276	0.194	1.230	1.277	1.241	1.178	1.197	1.229	1.320	1.174	1.156	1.194	1.155	1.362	1.174	1.267
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.194	1.268	1.315	1.279	1.216	1.235	1.267	1.358	1.212	1.194	1.232	1.193	1.400	1.212	1.305

SAR peak location (mm)																				
			X (axis)		0.3	-59.5	-50.1	-54.1	-42.2	-59	-44.1	-52.5	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)		67	35.5	-50.8	-49.8	-59	-42	-58.1	-59	-65.5	-58	-43	-59.6	-57	-44.5	-64.5	-46.9
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.34	0.378	0.339	0.546	0.358	0.451
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.194							0.02					0.03		
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.194														
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.194														
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.194														
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.194														
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.194	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.194														
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.194	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.194														
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.194														
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.194														
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.194	0.02	0.03	0.02		0.02	0.02	0.02					0.03		0.03
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.194														
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.194	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.03
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.194														
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.194	0.02	0.02	0.02			0.02	0.02					0.03		0.03
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.194														
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.194														

<Case 96>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.614 0+1+7+9 Summed SAR	0.461 0+1+7+10 Summed SAR	0.425 0+1+7+11 Summed SAR	0.362 0+1+7+12 Summed SAR	0.361 0+1+7+13 Summed SAR	0.413 0+1+7+14 Summed SAR	0.504 0+1+7+15 Summed SAR	0.358 0+1+7+16 Summed SAR	0.340 0+1+7+17 Summed SAR	0.279 0+1+7+18 Summed SAR	0.339 0+1+7+19 Summed SAR	0.546 0+1+7+20 Summed SAR	0.358 0+1+7+21 Summed SAR	0.451 0+1+7+22 Summed SAR
GSM850_Ant 1 TX	0.640	0.276	0.148	1.478	1.525	1.489	1.426	1.445	1.477	1.588	1.422	1.404	1.442	1.403	1.610	1.422	1.515
WCDMA V_Ant 1 TX0	0.490	0.276	0.148	1.338	1.375	1.339	1.276	1.295	1.327	1.418	1.272	1.254	1.292	1.253	1.460	1.272	1.365
LTE Band 12_Ant 1 TX0	0.361	0.276	0.148	1.189	1.236	1.200	1.137	1.154	1.188	1.279	1.133	1.115	1.153	1.114	1.321	1.133	1.229
LTE Band 13_Ant 1 TX0	0.515	0.276	0.148	1.353	1.400	1.364	1.301	1.320	1.352	1.443	1.297	1.279	1.317	1.278	1.485	1.297	1.393
LTE Band 14_Ant 1 TX0	0.520	0.276	0.148	1.358	1.409	1.368	1.306	1.325	1.357	1.448	1.302	1.284	1.322	1.283	1.490	1.302	1.395
LTE Band 26_Ant 1 Sub TX0	0.642	0.276	0.148	1.680	1.737	1.691	1.616	1.637	1.679	1.770	1.614	1.593	1.634	1.592	1.812	1.614	1.717
LTE Band 29_Ant 1 TX0	0.417	0.276	0.148	1.255	1.302	1.266	1.203	1.222	1.254	1.345	1.198	1.181	1.219	1.180	1.397	1.198	1.292
LTE Band 66_Ant 1 Sub TX0	0.692	0.276	0.148	1.679	1.737	1.691	1.616	1.637	1.679	1.770	1.614	1.594	1.634	1.593	1.812	1.614	1.717
LTE Band 71_Ant 1 TX0	0.288	0.276	0.148	1.127	1.174	1.138	1.075	1.094	1.126	1.217	1.071	1.053	1.092	1.052	1.258	1.071	1.164
FR1 n12_Ant 1 TX0	0.432	0.276	0.148	1.240	1.307	1.271	1.208	1.227	1.259	1.350	1.204	1.188	1.228	1.185	1.392	1.204	1.297
FR1 n14_Ant 1 TX0	0.533	0.276	0.148	1.371	1.433	1.392	1.319	1.338	1.370	1.464	1.315	1.297	1.336	1.296	1.503	1.315	1.408
FR1 n25_Ant 1 Sub TX0	0.786	0.276	0.148	1.584	1.655	1.608	1.522	1.551	1.583	1.675	1.528	1.503	1.548	1.509	1.716	1.528	1.621
FR1 n26_Ant 1 TX0	0.434	0.276	0.148	1.242	1.309	1.273	1.210	1.229	1.261	1.352	1.206	1.189	1.229	1.187	1.394	1.206	1.299
FR1 n41_Ant 1 Sub TX0	0.818	0.276	0.148	1.647	1.720	1.673	1.583	1.614	1.646	1.742	1.585	1.563	1.609	1.562	1.768	1.585	1.684
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.148	1.131	1.228	1.192	1.129	1.148	1.180	1.271	1.125	1.107	1.145	1.106	1.313	1.125	1.218
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.148	1.580	1.653	1.607	1.516	1.545	1.577	1.669	1.524	1.499	1.543	1.501	1.710	1.524	1.617
FR1 n70_Ant 1 TX0	0.348	0.276	0.148	1.184	1.231	1.195	1.132	1.151	1.183	1.274	1.128	1.110	1.148	1.109	1.319	1.128	1.221
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.148	1.222	1.269	1.233	1.170	1.189	1.221	1.312	1.166	1.148	1.186	1.147	1.364	1.166	1.259

SAR peak location (mm)			X (mm)	0.5	17	-50.1	-54.1	-12.2	-99	-41.1	62.6	-57.6	-12.5	-56.5	-12.9	51	-57.5	-41.2	62.8
			Y (mm)	87	37.5	-50.4	-49.8	89	-42	-68.1	89	-65.9	58	-15	-66.6	87	-44.5	-66.5	-48.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5GHz Ant 0+3	Bluetooth Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.614 0+1+7+9 SPLSR_Results	0.461 0+1+7+10 SPLSR_Results	0.425 0+1+7+11 SPLSR_Results	0.362 0+1+7+12 SPLSR_Results	0.361 0+1+7+13 SPLSR_Results	0.413 0+1+7+14 SPLSR_Results	0.504 0+1+7+15 SPLSR_Results	0.358 0+1+7+16 SPLSR_Results	0.340 0+1+7+17 SPLSR_Results	0.279 0+1+7+18 SPLSR_Results	0.339 0+1+7+19 SPLSR_Results	0.546 0+1+7+20 SPLSR_Results	0.358 0+1+7+21 SPLSR_Results	0.451 0+1+7+22 SPLSR_Results
4.8	56.1	-207	GSM850_Ant 1 TX0	0.640	0.276	0.148												0.10		
4.1	56.8	-207	WCDMA V_Ant 1 TX0	0.490	0.276	0.148														
8	56.8	-207	LTE Band 12_Ant 1 TX0	0.361	0.276	0.148														
8.3	56.8	-207	LTE Band 13_Ant 1 TX0	0.515	0.276	0.148														
2.8	56.3	-207	LTE Band 14_Ant 1 TX0	0.520	0.276	0.148														
1.8	76.8	-207	LTE Band 26_Ant 1 Sub TX0	0.642	0.276	0.148	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
1.9	56.1	-207	LTE Band 29_Ant 1 TX0	0.417	0.276	0.148														
-2.4	76.8	-207	LTE Band 66_Ant 1 Sub TX0	0.692	0.276	0.148	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5.1	56.8	-207	LTE Band 71_Ant 1 TX0	0.288	0.276	0.148														
3.8	56.1	-207	FR1 n12_Ant 1 TX0	0.432	0.276	0.148														
0.3	56.1	-207	FR1 n14_Ant 1 TX0	0.533	0.276	0.148														
0.8	76.8	-207	FR1 n25_Ant 1 Sub TX0	0.786	0.276	0.148		0.02	0.02					0.02					0.02		0.02
1.3	56.8	-207	FR1 n26_Ant 1 TX0	0.434	0.276	0.148														
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.818	0.276	0.148	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
36.6	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.148														
3.6	76.8	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.148		0.02						0.02					0.02		0.02
4.1	56.1	-207	FR1 n70_Ant 1 TX0	0.348	0.276	0.148														
14.6	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.148														

<Case 97>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5GHz Ant 0+1	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.614 0+1+7+9 Summed SAR	0.464 0+1+7+10 Summed SAR	0.426 0+1+7+11 Summed SAR	0.362 0+1+7+12 Summed SAR	0.361 0+1+7+13 Summed SAR	0.413 0+1+7+14 Summed SAR	0.504 0+1+7+15 Summed SAR	0.358 0+1+7+16 Summed SAR	0.340 0+1+7+17 Summed SAR	0.279 0+1+7+18 Summed SAR	0.339 0+1+7+19 Summed SAR	0.546 0+1+7+20 Summed SAR	0.358 0+1+7+21 Summed SAR	0.451 0+1+7+22 Summed SAR
GSM850_Ant 1 TX	0.640	0.276	0.187	1.537	1.564	1.528	1.465	1.484	1.516	1.607	1.460	1.443	1.481	1.442	1.649	1.461	1.554
WCDMA V_Ant 1 TX0	0.490	0.276	0.187	1.387	1.414	1.378	1.315	1.334	1.366	1.457	1.311	1.293	1.331	1.292	1.499	1.311	1.404
LTE Band 12_Ant 1 TX0	0.361	0.276	0.187	1.238	1.275	1.239	1.176	1.195	1.227	1.318	1.172	1.154	1.192	1.153	1.360	1.172	1.265
LTE Band 13_Ant 1 TX0	0.515	0.276	0.187	1.392	1.439	1.403	1.340	1.359	1.391	1.482	1.336	1.318	1.356	1.317	1.524	1.336	1.429
LTE Band 14_Ant 1 TX0	0.520	0.276	0.187	1.397	1.444	1.408	1.345	1.364	1.396	1.487	1.340	1.323	1.361	1.322	1.539	1.340	1.434
LTE Band 26_Ant 1 Sub TX0	0.642	0.276	0.187	1.719	1.766	1.730	1.667	1.685	1.718	1.809	1.663	1.645	1.683	1.644	1.851	1.663	1.755
LTE Band 29_Ant 1 TX0	0.417	0.276	0.187	1.294	1.341	1.305	1.242	1.261	1.293	1.384	1.238	1.220	1.258	1.219	1.436	1.238	1.331
LTE Band 66_Ant 1 Sub TX0	0.692	0.276	0.187	1.719	1.766	1.730	1.667	1.685	1.718	1.809	1.663	1.645	1.683	1.644	1.851	1.663	1.755
LTE Band 71_Ant 1 TX0	0.288	0.276	0.187	1.166	1.212	1.177	1.114	1.133	1.165	1.256	1.110	1.092	1.130	1.091	1.298	1.110	1.203
FR1 n12_Ant 1 TX0	0.432	0.276	0.187	1.279	1.346	1.310	1.247	1.266	1.298	1.389	1.243	1.225	1.263	1.224	1.431	1.243	1.336
FR1 n14_Ant 1 TX0	0.533	0.276	0.187	1.410	1.477	1.436	1.359	1.377	1.409	1.503	1.354	1.336	1.374	1.335	1.543	1.354	1.447
FR1 n25_Ant 1 Sub TX0	0.786	0.276	0.187	1.628	1.705	1.658	1.571	1.590	1.628	1.722	1.567	1.548	1.587	1.548	1.763	1.567	1.663
FR1 n26_Ant 1 TX0	0.434	0.276	0.187	1.281	1.348	1.312	1.249	1.268	1.300	1.391	1.245	1.227	1.266	1.226	1.433	1.245	1.338
FR1 n41_Ant 1 Sub TX0	0.818	0.276	0.187	1.696	1.772	1.727	1.633	1.653	1.695	1.791	1.635	1.613	1.659	1.611	1.816	1.635	1.731
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.187	1.230	1.267	1.235	1.168	1.187	1.219	1.310	1.164	1.145	1.184	1.145	1.352	1.164	1.257
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.187	1.628	1.705	1.658	1.567	1.584	1.628	1.722	1.567	1.545	1.583	1.544	1.763	1.567	1.659
FR1 n70_Ant 1 TX0	0.348	0.276	0.187	1.223	1.270	1.238	1.171	1.190	1.222	1.313	1.167	1.149	1.187	1.148	1.355	1.167	1.260
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.187	1.261	1.308	1.272	1.209	1.228	1.260	1.351	1.205	1.187	1.225	1.186	1.393	1.205	1.299

SAR peak location (mm)			X (mm)	0.5	17	-50.1	-54.1	-12.2	-99	-41.1	62.6	-57.6	-12.5	-56.5	-12.9	51	-57.5	-41.2	62.8
			Y (mm)	87	37.5	-50.4	-49.8	89	-42	-68.1	89	-65.9	58	-15	-66.6	87	-44.5	-66.5	-48.9
			Z (mm)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (mm)	Y (mm)	Z (mm)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5GHz Ant 0+1	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.614 0+1+7+9 SPLSR_Results	0.464 0+1+7+10 SPLSR_Results	0.426 0+1+7+11 SPLSR_Results	0.362 0+1+7+12 SPLSR_Results	0.361 0+1+7+13 SPLSR_Results	0.413 0+1+7+14 SPLSR_Results	0.504 0+1+7+15 SPLSR_Results	0.358 0+1+7+16 SPLSR_Results	0.340 0+1+7+17 SPLSR_Results	0.279 0+1+7+18 SPLSR_Results	0.339 0+1+7+19 SPLSR_Results	0.546 0+1+7+20 SPLSR_Results	0.358 0+1+7+21 SPLSR_Results	0.451 0+1+7+22 SPLSR_Results
4.8	56.1	-207	GSM850_Ant 1 TX0	0.640	0.276	0.187								0.02					0.02		
4.1	56.8	-207	WCDMA V_Ant 1 TX0	0.490	0.276	0.187															
8	56.8	-207	LTE Band 12_Ant 1 TX0	0.361	0.276	0.187															
8.3	56.8	-207	LTE Band 13_Ant 1 TX0	0.515	0.276	0.187															
2.8	56.3	-207	LTE Band 14_Ant 1 TX0	0.520	0.276	0.187															
1.8	76.8	-207	LTE Band 26_Ant 1 Sub TX0	0.642	0.276	0.187	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
1.9	56.1	-207	LTE Band 29_Ant 1 TX0	0.417	0.276	0.187															
-2.4	76.8	-207	LTE Band 66_Ant 1 Sub TX0	0.692	0.276	0.187	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5.1	56.8	-207	LTE Band 71_Ant 1 TX0	0.288	0.276	0.187															
3.8	56.1	-207	FR1 n12_Ant 1 TX0	0.432	0.276	0.187															
0.3	56.1	-207	FR1 n14_Ant 1 TX0	0.533	0.276	0.187															
0.8	76.8	-207	FR1 n25_Ant 1 Sub TX0	0.786	0.276	0.187	0.02	0.02	0.02				0.02	0.02					0.02		0.02
1.3	56.8	-207	FR1 n26_Ant 1 TX0	0.434	0.276	0.187															
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.818	0.276	0.187	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
36.6	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.187															
3.6	76.8	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.187	0.02	0.02	0.02				0.02	0.02					0.02		0.02
4.1	56.1	-207	FR1 n70_Ant 1 TX0	0.348	0.276	0.187															
14.6	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.187															

<Case 98>

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)			0.317	0.341	0.523
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.157	0.276	1.390	1.414	1.596
WCDMA V_Ant 1 TX1	0.490	0.157	0.276	1.240	1.264	1.446
LTE Band 12_Ant 1 TX1	0.351	0.157	0.276	1.101	1.125	1.307
LTE Band 13_Ant 1 TX1	0.515	0.157	0.276	1.265	1.289	1.471
LTE Band 14_Ant 1 TX1	0.520	0.157	0.276	1.270	1.294	1.476
LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	1.592	1.616	1.798
LTE Band 26_Ant 1 TX1	0.417	0.157	0.276	1.167	1.191	1.373
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	1.582	1.606	1.788
LTE Band 71_Ant 1 TX1	0.289	0.157	0.276	1.039	1.063	1.245
FR1 n12_Ant 1 TX1	0.422	0.157	0.276	1.172	1.196	1.378
FR1 n14_Ant 1 TX1	0.533	0.157	0.276	1.283	1.307	1.489
FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.276	1.496	1.520	1.702
FR1 n26_Ant 1 TX1	0.424	0.157	0.276	1.174	1.198	1.380
FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	1.569	1.593	1.775
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276	1.093	1.117	1.299
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	1.472	1.496	1.678
FR1 n71_Ant 1 TX1	0.346	0.157	0.276	1.096	1.120	1.302
FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	1.134	1.158	1.340

SAR peak location (mm)			X (axis)	14	0.3	12	-23	12.5
			Y (axis)	30.5	67	-57	-75.5	-56
			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)			0.317	0.341	0.523
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.157	0.276			0.02
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.157	0.276			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.157	0.276			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.157	0.276			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.157	0.276			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276		0.02	0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.157	0.276			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276		0.02	0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.157	0.276			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.157	0.276			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.157	0.276			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.276			0.03
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.157	0.276			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276			0.03
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276			0.03
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.157	0.276			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276			

<Case 99>

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)			0.317	0.341	0.523
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.062	0.276	1.295	1.319	1.501
WCDMA V_Ant 1 TX1	0.490	0.062	0.276	1.145	1.169	1.351
LTE Band 12_Ant 1 TX1	0.351	0.062	0.276	1.006	1.030	1.212
LTE Band 13_Ant 1 TX1	0.515	0.062	0.276	1.170	1.194	1.376
LTE Band 14_Ant 1 TX1	0.520	0.062	0.276	1.175	1.199	1.381
LTE Band 25_Ant 1 Sub TX0	0.842	0.062	0.276	1.497	1.521	1.703
LTE Band 26_Ant 1 TX1	0.417	0.062	0.276	1.072	1.096	1.278
LTE Band 66_Ant 1 Sub TX0	0.832	0.062	0.276	1.487	1.511	1.693
LTE Band 71_Ant 1 TX1	0.289	0.062	0.276	0.944	0.968	1.150
FR1 n12_Ant 1 TX1	0.422	0.062	0.276	1.077	1.101	1.283
FR1 n14_Ant 1 TX1	0.533	0.062	0.276	1.188	1.212	1.394
FR1 n25_Ant 1 Sub TX0	0.746	0.062	0.276	1.401	1.425	1.607
FR1 n26_Ant 1 TX1	0.424	0.062	0.276	1.079	1.103	1.285
FR1 n41_Ant 1 Sub TX0	0.819	0.062	0.276	1.474	1.498	1.680
FR1 n48_Ant 1 Sub TX0	0.343	0.062	0.276	0.998	1.022	1.204
FR1 n66_Ant 1 Sub TX0	0.722	0.062	0.276	1.377	1.401	1.583
FR1 n71_Ant 1 TX1	0.346	0.062	0.276	1.001	1.025	1.207
FR1 n77_Ant 1 Sub TX0	0.384	0.062	0.276	1.039	1.063	1.245

SAR peak location (mm)			X (axis)		-59	0.3	12	-23	12.5
			Y (axis)		36	67	-57	-75.5	-56
			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)			0.317	0.341	0.523
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.062	0.276			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.062	0.276			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.062	0.276			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.062	0.276			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.062	0.276			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.062	0.276			0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.062	0.276			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.062	0.276			0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.062	0.276			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.062	0.276			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.062	0.276			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.062	0.276			0.02
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.062	0.276			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.062	0.276			0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.062	0.276			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.062	0.276			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.062	0.276			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.062	0.276			

<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 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.523
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.145	0.276	1.378	1.402	1.584
WCDMA V_Ant 1 TX1	0.490	0.145	0.276	1.228	1.252	1.434
LTE Band 12_Ant 1 TX1	0.351	0.145	0.276	1.089	1.113	1.295
LTE Band 13_Ant 1 TX1	0.515	0.145	0.276	1.253	1.277	1.459
LTE Band 14_Ant 1 TX1	0.520	0.145	0.276	1.258	1.282	1.464
LTE Band 25_Ant 1 Sub TX0	0.842	0.145	0.276	1.580	1.604	1.786
LTE Band 26_Ant 1 TX1	0.417	0.145	0.276	1.155	1.179	1.361
LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.276	1.570	1.594	1.776
LTE Band 71_Ant 1 TX1	0.289	0.145	0.276	1.027	1.051	1.233
FR1 n12_Ant 1 TX1	0.422	0.145	0.276	1.160	1.184	1.366
FR1 n14_Ant 1 TX1	0.533	0.145	0.276	1.271	1.295	1.477
FR1 n25_Ant 1 Sub TX0	0.746	0.145	0.276	1.484	1.508	1.690
FR1 n26_Ant 1 TX1	0.424	0.145	0.276	1.162	1.186	1.368
FR1 n41_Ant 1 Sub TX0	0.819	0.145	0.276	1.557	1.581	1.763
FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.276	1.081	1.105	1.287
FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.276	1.460	1.484	1.666
FR1 n71_Ant 1 TX1	0.346	0.145	0.276	1.084	1.108	1.290
FR1 n77_Ant 1 Sub TX0	0.384	0.145	0.276	1.122	1.146	1.328

SAR peak location (mm)			X (axis)	16	0.3	12	-23	12.5
			Y (axis)	30	67	-57	-75.5	-56
			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)			0.317	0.341	0.523
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.145	0.276			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.145	0.276			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.145	0.276			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.145	0.276			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.145	0.276			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.145	0.276		0.02	0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.145	0.276			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.276			0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.145	0.276			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.145	0.276			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.145	0.276			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.145	0.276			0.03
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.145	0.276			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.145	0.276			0.03
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.276			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.276			0.02
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.145	0.276			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.145	0.276			

<Case 101>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.523
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.210	1.443	1.467	1.649
WCDMA V_Ant 1 TX1	0.490	0.276	0.210	1.293	1.317	1.499
LTE Band 12_Ant 1 TX1	0.351	0.276	0.210	1.154	1.178	1.360
LTE Band 13_Ant 1 TX1	0.515	0.276	0.210	1.318	1.342	1.524
LTE Band 14_Ant 1 TX1	0.520	0.276	0.210	1.323	1.347	1.529
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.210	1.645	1.669	1.851
LTE Band 26_Ant 1 TX1	0.417	0.276	0.210	1.220	1.244	1.426
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.210	1.635	1.659	1.841
LTE Band 71_Ant 1 TX1	0.289	0.276	0.210	1.092	1.116	1.298
FR1 n12_Ant 1 TX1	0.422	0.276	0.210	1.225	1.249	1.431
FR1 n14_Ant 1 TX1	0.533	0.276	0.210	1.336	1.360	1.542
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.210	1.549	1.573	1.755
FR1 n26_Ant 1 TX1	0.424	0.276	0.210	1.227	1.251	1.433
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.210	1.622	1.646	1.828
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.210	1.146	1.170	1.352
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.210	1.525	1.549	1.731
FR1 n71_Ant 1 TX1	0.346	0.276	0.210	1.149	1.173	1.355
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.210	1.187	1.211	1.393

SAR peak location (mm)			X (axis)	0.3	11	12	-23	12.5
			Y (axis)	67	31.5	-57	-75.5	-56
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.523
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.210			0.02
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.210			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.210			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.210			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.210			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.210	0.02	0.02	0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.210			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.210	0.02	0.02	0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.210			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.210			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.210			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.210			0.03
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.210			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.210	0.02	0.02	0.03
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.210			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.210			0.03
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.210			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.210			

<Case 102>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.523
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.194	1.427	1.451	1.633
WCDMA V_Ant 1 TX1	0.490	0.276	0.194	1.277	1.301	1.483
LTE Band 12_Ant 1 TX1	0.351	0.276	0.194	1.138	1.162	1.344
LTE Band 13_Ant 1 TX1	0.515	0.276	0.194	1.302	1.326	1.508
LTE Band 14_Ant 1 TX1	0.520	0.276	0.194	1.307	1.331	1.513
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.194	1.629	1.653	1.835
LTE Band 26_Ant 1 TX1	0.417	0.276	0.194	1.204	1.228	1.410
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.194	1.619	1.643	1.825
LTE Band 71_Ant 1 TX1	0.289	0.276	0.194	1.076	1.100	1.282
FR1 n12_Ant 1 TX1	0.422	0.276	0.194	1.209	1.233	1.415
FR1 n14_Ant 1 TX1	0.533	0.276	0.194	1.320	1.344	1.526
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.194	1.533	1.557	1.739
FR1 n26_Ant 1 TX1	0.424	0.276	0.194	1.211	1.235	1.417
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.194	1.606	1.630	1.812
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.194	1.130	1.154	1.336
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.194	1.509	1.533	1.715
FR1 n71_Ant 1 TX1	0.346	0.276	0.194	1.133	1.157	1.339
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.194	1.171	1.195	1.377

SAR peak location (mm)			X (axis)	0.3	-59.5	12	-23	12.5
			Y (axis)	67	35.5	-57	-75.5	-56
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.523
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.194			0.02
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.194			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.194			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.194			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.194			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.194	0.02	0.02	0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.194			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.194	0.02	0.02	0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.194			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.194			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.194			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.194			0.02
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.194			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.194	0.02	0.02	0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.194			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.194			0.02
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.194			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.194			

<Case 103>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.523
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.148	1.381	1.405	1.587
WCDMA V_Ant 1 TX1	0.490	0.276	0.148	1.231	1.255	1.437
LTE Band 12_Ant 1 TX1	0.351	0.276	0.148	1.092	1.116	1.298
LTE Band 13_Ant 1 TX1	0.515	0.276	0.148	1.256	1.280	1.462
LTE Band 14_Ant 1 TX1	0.520	0.276	0.148	1.261	1.285	1.467
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.148	1.583	1.607	1.789
LTE Band 26_Ant 1 TX1	0.417	0.276	0.148	1.158	1.182	1.364
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.148	1.573	1.597	1.779
LTE Band 71_Ant 1 TX1	0.289	0.276	0.148	1.030	1.054	1.236
FR1 n12_Ant 1 TX1	0.422	0.276	0.148	1.163	1.187	1.369
FR1 n14_Ant 1 TX1	0.533	0.276	0.148	1.274	1.298	1.480
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.148	1.487	1.511	1.693
FR1 n26_Ant 1 TX1	0.424	0.276	0.148	1.165	1.189	1.371
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.148	1.560	1.584	1.766
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.148	1.084	1.108	1.290
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.148	1.463	1.487	1.669
FR1 n71_Ant 1 TX1	0.346	0.276	0.148	1.087	1.111	1.293
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.148	1.125	1.149	1.331

SAR peak location (mm)			X (axis)	0.3	12	12	-23	12.5
			Y (axis)	67	37.5	-57	-75.5	-56
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.523
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.148			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.148			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.148			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.148			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.148			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.148		0.02	0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.148			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.148		0.02	0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.148			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.148			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.148			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.148			0.02
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.148			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.148			0.03
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.148			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.148			0.02
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.148			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.148			

<Case 104>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.523
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.187	1.420	1.444	1.626
WCDMA V_Ant 1 TX1	0.490	0.276	0.187	1.270	1.294	1.476
LTE Band 12_Ant 1 TX1	0.351	0.276	0.187	1.131	1.155	1.337
LTE Band 13_Ant 1 TX1	0.515	0.276	0.187	1.295	1.319	1.501
LTE Band 14_Ant 1 TX1	0.520	0.276	0.187	1.300	1.324	1.506
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.187	1.622	1.646	1.828
LTE Band 26_Ant 1 TX1	0.417	0.276	0.187	1.197	1.221	1.403
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.187	1.612	1.636	1.818
LTE Band 71_Ant 1 TX1	0.289	0.276	0.187	1.069	1.093	1.275
FR1 n12_Ant 1 TX1	0.422	0.276	0.187	1.202	1.226	1.408
FR1 n14_Ant 1 TX1	0.533	0.276	0.187	1.313	1.337	1.519
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.187	1.526	1.550	1.732
FR1 n26_Ant 1 TX1	0.424	0.276	0.187	1.204	1.228	1.410
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.187	1.599	1.623	1.805
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.187	1.123	1.147	1.329
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.187	1.502	1.526	1.708
FR1 n71_Ant 1 TX1	0.346	0.276	0.187	1.126	1.150	1.332
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.187	1.164	1.188	1.370

SAR peak location (mm)			X (axis)	0.3	17	12	-23	12.5
			Y (axis)	67	33	-57	-75.5	-56
			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	Thread Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.523
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.187			0.02
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.187			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.187			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.187			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.187			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.187	0.02	0.02	0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.187			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.187	0.02	0.02	0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.187			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.187			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.187			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.187			0.03
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.187			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.187	0.02	0.02	0.03
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.187			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.187			0.03
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.187			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.187			

<Case 105>

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)			0.242	0.306	0.358
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.157	0.276	1.315	1.379	1.431
WCDMA V_Ant 1 TX1	0.490	0.157	0.276	1.165	1.229	1.281
LTE Band 12_Ant 1 TX1	0.351	0.157	0.276	1.026	1.090	1.142
LTE Band 13_Ant 1 TX1	0.515	0.157	0.276	1.190	1.254	1.306
LTE Band 14_Ant 1 TX1	0.520	0.157	0.276	1.195	1.259	1.311
LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276	1.517	1.581	1.633
LTE Band 26_Ant 1 TX1	0.417	0.157	0.276	1.092	1.156	1.208
LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276	1.507	1.571	1.623
LTE Band 71_Ant 1 TX1	0.289	0.157	0.276	0.964	1.028	1.080
FR1 n12_Ant 1 TX1	0.422	0.157	0.276	1.097	1.161	1.213
FR1 n14_Ant 1 TX1	0.533	0.157	0.276	1.208	1.272	1.324
FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.276	1.421	1.485	1.537
FR1 n26_Ant 1 TX1	0.424	0.157	0.276	1.099	1.163	1.215
FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276	1.494	1.558	1.610
FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276	1.018	1.082	1.134
FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276	1.397	1.461	1.513
FR1 n71_Ant 1 TX1	0.346	0.157	0.276	1.021	1.085	1.137
FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276	1.059	1.123	1.175

SAR peak location (mm)			X (axis)	14	0.3	-46.5	-57.5	-59.5
			Y (axis)	30.5	67	-67.5	-50	-50
			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)			0.242	0.306	0.358
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.157	0.276			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.157	0.276			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.157	0.276			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.157	0.276			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.157	0.276			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.157	0.276			0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.157	0.276			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.157	0.276			0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.157	0.276			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.157	0.276			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.157	0.276			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.157	0.276			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.157	0.276			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.157	0.276			0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.157	0.276			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.157	0.276			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.157	0.276			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.157	0.276			

<Case 106>

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)			0.242	0.306	0.358
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.145	0.276	1.303	1.367	1.419
WCDMA V_Ant 1 TX1	0.490	0.145	0.276	1.153	1.217	1.269
LTE Band 12_Ant 1 TX1	0.351	0.145	0.276	1.014	1.078	1.130
LTE Band 13_Ant 1 TX1	0.515	0.145	0.276	1.178	1.242	1.294
LTE Band 14_Ant 1 TX1	0.520	0.145	0.276	1.183	1.247	1.299
LTE Band 25_Ant 1 Sub TX0	0.842	0.145	0.276	1.505	1.569	1.621
LTE Band 26_Ant 1 TX1	0.417	0.145	0.276	1.080	1.144	1.196
LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.276	1.495	1.559	1.611
LTE Band 71_Ant 1 TX1	0.289	0.145	0.276	0.952	1.016	1.068
FR1 n12_Ant 1 TX1	0.422	0.145	0.276	1.085	1.149	1.201
FR1 n14_Ant 1 TX1	0.533	0.145	0.276	1.196	1.260	1.312
FR1 n25_Ant 1 Sub TX0	0.746	0.145	0.276	1.409	1.473	1.525
FR1 n26_Ant 1 TX1	0.424	0.145	0.276	1.087	1.151	1.203
FR1 n41_Ant 1 Sub TX0	0.819	0.145	0.276	1.482	1.546	1.598
FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.276	1.006	1.070	1.122
FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.276	1.385	1.449	1.501
FR1 n71_Ant 1 TX1	0.346	0.145	0.276	1.009	1.073	1.125
FR1 n77_Ant 1 Sub TX0	0.384	0.145	0.276	1.047	1.111	1.163

SAR peak location (mm)			X (axis)	16	0.3	-46.5	-57.5	-59.5
			Y (axis)	30	67	-67.5	-50	-50
			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)			0.242	0.306	0.358
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.145	0.276			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.145	0.276			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.145	0.276			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.145	0.276			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.145	0.276			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.145	0.276			0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.145	0.276			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.145	0.276			0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.145	0.276			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.145	0.276			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.145	0.276			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.145	0.276			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.145	0.276			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.145	0.276			0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.145	0.276			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.145	0.276			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.145	0.276			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.145	0.276			

<Case 107>

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)			0.242	0.306	0.358
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.210	1.368	1.432	1.484
WCDMA V_Ant 1 TX1	0.490	0.276	0.210	1.218	1.282	1.334
LTE Band 12_Ant 1 TX1	0.351	0.276	0.210	1.079	1.143	1.195
LTE Band 13_Ant 1 TX1	0.515	0.276	0.210	1.243	1.307	1.359
LTE Band 14_Ant 1 TX1	0.520	0.276	0.210	1.248	1.312	1.364
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.210	1.570	1.634	1.686
LTE Band 26_Ant 1 TX1	0.417	0.276	0.210	1.145	1.209	1.261
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.210	1.560	1.624	1.676
LTE Band 71_Ant 1 TX1	0.289	0.276	0.210	1.017	1.081	1.133
FR1 n12_Ant 1 TX1	0.422	0.276	0.210	1.150	1.214	1.266
FR1 n14_Ant 1 TX1	0.533	0.276	0.210	1.261	1.325	1.377
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.210	1.474	1.538	1.590
FR1 n26_Ant 1 TX1	0.424	0.276	0.210	1.152	1.216	1.268
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.210	1.547	1.611	1.663
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.210	1.071	1.135	1.187
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.210	1.450	1.514	1.566
FR1 n71_Ant 1 TX1	0.346	0.276	0.210	1.074	1.138	1.190
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.210	1.112	1.176	1.228

SAR peak location (mm)			X (axis)	0.3	11	-46.5	-57.5	-59.5
			Y (axis)	67	31.5	-67.5	-50	-50
			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)			0.242	0.306	0.358
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.210			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.210			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.210			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.210			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.210			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.210		0.02	0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.210			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.210		0.02	0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.210			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.210			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.210			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.210			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.210			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.210		0.02	0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.210			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.210			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.210			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.210			

<Case 108>

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)			0.242	0.306	0.358
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.194	1.352	1.416	1.468
WCDMA V_Ant 1 TX1	0.490	0.276	0.194	1.202	1.266	1.318
LTE Band 12_Ant 1 TX1	0.351	0.276	0.194	1.063	1.127	1.179
LTE Band 13_Ant 1 TX1	0.515	0.276	0.194	1.227	1.291	1.343
LTE Band 14_Ant 1 TX1	0.520	0.276	0.194	1.232	1.296	1.348
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.194	1.554	1.618	1.670
LTE Band 26_Ant 1 TX1	0.417	0.276	0.194	1.129	1.193	1.245
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.194	1.544	1.608	1.660
LTE Band 71_Ant 1 TX1	0.289	0.276	0.194	1.001	1.065	1.117
FR1 n12_Ant 1 TX1	0.422	0.276	0.194	1.134	1.198	1.250
FR1 n14_Ant 1 TX1	0.533	0.276	0.194	1.245	1.309	1.361
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.194	1.458	1.522	1.574
FR1 n26_Ant 1 TX1	0.424	0.276	0.194	1.136	1.200	1.252
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.194	1.531	1.595	1.647
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.194	1.055	1.119	1.171
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.194	1.434	1.498	1.550
FR1 n71_Ant 1 TX1	0.346	0.276	0.194	1.058	1.122	1.174
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.194	1.096	1.160	1.212

SAR peak location (mm)			X (axis)	0.3	-59.5	-46.5	-57.5	-59.5
			Y (axis)	67	35.5	-67.5	-50	-50
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.242	0.306	0.358
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.194			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.194			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.194			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.194			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.194			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.194		0.02	0.03
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.194			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.194		0.02	0.03
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.194			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.194			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.194			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.194			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.194			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.194		0.02	0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.194			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.194			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.194			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.194			

<Case 109>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.242	0.306	0.358
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.148	1.306	1.370	1.422
WCDMA V_Ant 1 TX1	0.490	0.276	0.148	1.156	1.220	1.272
LTE Band 12_Ant 1 TX1	0.351	0.276	0.148	1.017	1.081	1.133
LTE Band 13_Ant 1 TX1	0.515	0.276	0.148	1.181	1.245	1.297
LTE Band 14_Ant 1 TX1	0.520	0.276	0.148	1.186	1.250	1.302
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.148	1.508	1.572	1.624
LTE Band 26_Ant 1 TX1	0.417	0.276	0.148	1.083	1.147	1.199
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.148	1.498	1.562	1.614
LTE Band 71_Ant 1 TX1	0.289	0.276	0.148	0.955	1.019	1.071
FR1 n12_Ant 1 TX1	0.422	0.276	0.148	1.088	1.152	1.204
FR1 n14_Ant 1 TX1	0.533	0.276	0.148	1.199	1.263	1.315
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.148	1.412	1.476	1.528
FR1 n26_Ant 1 TX1	0.424	0.276	0.148	1.090	1.154	1.206
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.148	1.485	1.549	1.601
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.148	1.009	1.073	1.125
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.148	1.388	1.452	1.504
FR1 n71_Ant 1 TX1	0.346	0.276	0.148	1.012	1.076	1.128
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.148	1.050	1.114	1.166

SAR peak location (mm)			X (axis)	0.3	12	-46.5	-57.5	-59.5
			Y (axis)	67	37.5	-67.5	-50	-50
			Z (axis)	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.242	0.306	0.358
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.148			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.148			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.148			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.148			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.148			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.148			0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.148			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.148			0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.148			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.148			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.148			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.148			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.148			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.148			0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.148			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.148			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.148			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.148			

<Case 110>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.242	0.306	0.358
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.640	0.276	0.187	1.345	1.409	1.461
WCDMA V_Ant 1 TX1	0.490	0.276	0.187	1.195	1.259	1.311
LTE Band 12_Ant 1 TX1	0.351	0.276	0.187	1.056	1.120	1.172
LTE Band 13_Ant 1 TX1	0.515	0.276	0.187	1.220	1.284	1.336
LTE Band 14_Ant 1 TX1	0.520	0.276	0.187	1.225	1.289	1.341
LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.187	1.547	1.611	1.663
LTE Band 26_Ant 1 TX1	0.417	0.276	0.187	1.122	1.186	1.238
LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.187	1.537	1.601	1.653
LTE Band 71_Ant 1 TX1	0.289	0.276	0.187	0.994	1.058	1.110
FR1 n12_Ant 1 TX1	0.422	0.276	0.187	1.127	1.191	1.243
FR1 n14_Ant 1 TX1	0.533	0.276	0.187	1.238	1.302	1.354
FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.187	1.451	1.515	1.567
FR1 n26_Ant 1 TX1	0.424	0.276	0.187	1.129	1.193	1.245
FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.187	1.524	1.588	1.640
FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.187	1.048	1.112	1.164
FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.187	1.427	1.491	1.543
FR1 n71_Ant 1 TX1	0.346	0.276	0.187	1.051	1.115	1.167
FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.187	1.089	1.153	1.205

SAR peak location (mm)			X (axis)		0.3	17	-46.5	-57.5	-59.5
			Y (axis)		67	33	-67.5	-50	-50
			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	Thread Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Back	1g SAR (W/kg)			0.242	0.306	0.358
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
4.6	56.1	-207	GSM850_Ant 1 TX1	0.640	0.276	0.187			
4.1	56.8	-207	WCDMA V_Ant 1 TX1	0.490	0.276	0.187			
8	56.8	-207	LTE Band 12_Ant 1 TX1	0.351	0.276	0.187			
6.3	53.8	-207	LTE Band 13_Ant 1 TX1	0.515	0.276	0.187			
2.8	56.3	-207	LTE Band 14_Ant 1 TX1	0.520	0.276	0.187			
1.9	76.6	-207	LTE Band 25_Ant 1 Sub TX0	0.842	0.276	0.187		0.02	0.02
1.9	55.1	-207	LTE Band 26_Ant 1 TX1	0.417	0.276	0.187			
-2.4	75.9	-207	LTE Band 66_Ant 1 Sub TX0	0.832	0.276	0.187		0.02	0.02
5.1	55.8	-207	LTE Band 71_Ant 1 TX1	0.289	0.276	0.187			
3.6	56.1	-207	FR1 n12_Ant 1 TX1	0.422	0.276	0.187			
0.3	56.1	-207	FR1 n14_Ant 1 TX1	0.533	0.276	0.187			
0.9	79.6	-207	FR1 n25_Ant 1 Sub TX0	0.746	0.276	0.187			
1.3	56.6	-207	FR1 n26_Ant 1 TX1	0.424	0.276	0.187			
-5	77	-207	FR1 n41_Ant 1 Sub TX0	0.819	0.276	0.187			0.02
-35.5	80	-207	FR1 n48_Ant 1 Sub TX0	0.343	0.276	0.187			
3.6	78.9	-207	FR1 n66_Ant 1 Sub TX0	0.722	0.276	0.187			
4.1	55.1	-207	FR1 n71_Ant 1 TX1	0.346	0.276	0.187			
14.5	65	-207	FR1 n77_Ant 1 Sub TX0	0.384	0.276	0.187			

<Case 111>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.157	0.276	1.334	1.381	1.345	1.282	1.301	1.333	1.424	1.278	1.260	1.298	1.259	1.466	1.278	1.371
LTE Band 66_Ant 5 Sub TX1	0.602	0.157	0.276	1.449	1.496	1.460	1.397	1.416	1.448	1.539	1.393	1.375	1.413	1.374	1.581	1.393	1.486
FR1 n25_Ant 5 Sub TX1	0.474	0.157	0.276	1.321	1.368	1.332	1.269	1.288	1.320	1.411	1.265	1.247	1.285	1.246	1.453	1.265	1.358
FR1 n66_Ant 5 Sub TX1	0.690	0.157	0.276	1.537	1.584	1.548	1.485	1.504	1.536	1.627	1.481	1.463	1.501	1.462	1.669	1.481	1.574
FR1 n41_Ant 5 Sub TX1	0.562	0.157	0.276	1.409	1.456	1.420	1.357	1.376	1.408	1.499	1.353	1.335	1.373	1.334	1.541	1.353	1.446
FR1 n48_Ant 5 Sub TX1	0.477	0.157	0.276	1.324	1.371	1.335	1.272	1.291	1.323	1.414	1.268	1.250	1.288	1.249	1.456	1.268	1.361
FR1 n77_Ant 5 Sub TX1	0.307	0.157	0.276	1.154	1.201	1.165	1.102	1.121	1.153	1.244	1.098	1.080	1.118	1.079	1.286	1.098	1.191

SAR peak location (mm)			X (axis)		14	0.3	-50.1	-54.1	-42.2	-59	-44.1	-52.5	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)		30.5	67	-50.8	-49.8	-59	-42	-58.1	-59	-65.5	-58	-43	-59.6	-57	-44.5	-64.5	-46.9
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.34	0.378	0.339	0.546	0.358	0.451
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.157	0.276														
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.157	0.276														
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.157	0.276														
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.157	0.276							0.02					0.03		
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.157	0.276														
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.157	0.276														
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.157	0.276														

<Case 112>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR	0+1+2+12 Summed SAR	0+1+2+13 Summed SAR	0+1+2+14 Summed SAR	0+1+2+15 Summed SAR	0+1+2+16 Summed SAR	0+1+2+17 Summed SAR	0+1+2+18 Summed SAR	0+1+2+19 Summed SAR	0+1+2+20 Summed SAR	0+1+2+21 Summed SAR	0+1+2+22 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.145	0.276	1.322	1.369	1.333	1.270	1.289	1.321	1.412	1.266	1.248	1.286	1.247	1.454	1.266	1.359
LTE Band 66_Ant 5 Sub TX1	0.602	0.145	0.276	1.437	1.484	1.448	1.385	1.404	1.436	1.527	1.381	1.363	1.401	1.362	1.569	1.381	1.474
FR1 n25_Ant 5 Sub TX1	0.474	0.145	0.276	1.309	1.356	1.320	1.257	1.276	1.308	1.399	1.253	1.235	1.273	1.234	1.441	1.253	1.346
FR1 n66_Ant 5 Sub TX1	0.690	0.145	0.276	1.525	1.572	1.536	1.473	1.492	1.524	1.615	1.469	1.451	1.489	1.450	1.657	1.469	1.562
FR1 n41_Ant 5 Sub TX1	0.562	0.145	0.276	1.397	1.444	1.408	1.345	1.364	1.396	1.487	1.341	1.323	1.361	1.322	1.529	1.341	1.434
FR1 n48_Ant 5 Sub TX1	0.477	0.145	0.276	1.312	1.359	1.323	1.260	1.279	1.311	1.402	1.256	1.238	1.276	1.237	1.444	1.256	1.349
FR1 n77_Ant 5 Sub TX1	0.307	0.145	0.276	1.142	1.189	1.153	1.090	1.109	1.141	1.232	1.086	1.068	1.106	1.067	1.274	1.086	1.179

SAR peak location (mm)			X (axis)		16	0.3	-50.1	-54.1	-42.2	-59	-44.1	-52.5	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)		30	67	-50.8	-49.8	-59	-42	-58.1	-59	-65.5	-58	-43	-59.6	-57	-44.5	-64.5	-46.9
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.34	0.378	0.339	0.546	0.358	0.451
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results	0+1+2+12 SPLSR Results	0+1+2+13 SPLSR Results	0+1+2+14 SPLSR Results	0+1+2+15 SPLSR Results	0+1+2+16 SPLSR Results	0+1+2+17 SPLSR Results	0+1+2+18 SPLSR Results	0+1+2+19 SPLSR Results	0+1+2+20 SPLSR Results	0+1+2+21 SPLSR Results	0+1+2+22 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.145	0.276														
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.145	0.276														
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.145	0.276														
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.145	0.276							0.02					0.03		
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.145	0.276														
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.145	0.276														
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.145	0.276														

<Case 113>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.210	1.387	1.434	1.398	1.335	1.354	1.386	1.477	1.331	1.313	1.351	1.312	1.519	1.331	1.424
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.210	1.502	1.549	1.513	1.450	1.469	1.501	1.592	1.446	1.428	1.466	1.427	1.634	1.446	1.539
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.210	1.374	1.421	1.385	1.322	1.341	1.373	1.464	1.318	1.300	1.338	1.299	1.506	1.318	1.411
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.210	1.590	1.637	1.601	1.538	1.557	1.589	1.680	1.534	1.516	1.554	1.515	1.722	1.534	1.627
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.210	1.462	1.509	1.473	1.410	1.429	1.461	1.552	1.406	1.388	1.426	1.387	1.594	1.406	1.499
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.210	1.377	1.424	1.388	1.325	1.344	1.376	1.467	1.321	1.303	1.341	1.302	1.509	1.321	1.414
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.210	1.207	1.254	1.218	1.155	1.174	1.206	1.297	1.151	1.133	1.171	1.132	1.339	1.151	1.244

SAR peak location (mm)			X (axis)		0.3	11	-50.1	-54.1	-42.2	-59	-44.1	-52.5	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)		67	31.5	-50.8	-49.8	-59	-42	-58.1	-59	-65.5	-58	-43	-59.6	-57	-44.5	-64.5	-46.9
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.34	0.378	0.339	0.546	0.358	0.451
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.210														
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.210												0.03		
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.210														
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.210		0.03	0.02				0.02					0.03		0.03
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.210														
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.210														
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.210														

<Case 114>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.378	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.194	1.371	1.418	1.382	1.319	1.338	1.370	1.461	1.315	1.297	1.335	1.296	1.503	1.315	1.408
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.194	1.486	1.533	1.497	1.434	1.453	1.485	1.576	1.430	1.412	1.450	1.411	1.618	1.430	1.523
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.194	1.358	1.405	1.369	1.306	1.325	1.357	1.448	1.302	1.284	1.322	1.283	1.490	1.302	1.395
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.194	1.574	1.621	1.585	1.522	1.541	1.573	1.664	1.518	1.500	1.538	1.499	1.706	1.518	1.611
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.194	1.446	1.493	1.457	1.394	1.413	1.445	1.536	1.390	1.372	1.410	1.371	1.578	1.390	1.483
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.194	1.361	1.408	1.372	1.309	1.328	1.360	1.451	1.305	1.287	1.325	1.286	1.493	1.305	1.398
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.194	1.191	1.238	1.202	1.139	1.158	1.190	1.281	1.135	1.117	1.155	1.116	1.323	1.135	1.228

SAR peak location (mm)			X (axis)		0.3	-59.5	-50.1	-54.1	-42.2	-59	-44.1	-52.5	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)		67	35.5	-50.8	-49.8	-59	-42	-58.1	-59	-65.5	-58	-43	-59.6	-57	-44.5	-64.5	-46.9
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.34	0.378	0.339	0.546	0.358	0.451
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.194														
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.194												0.03		
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.194														
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.194		0.02					0.02					0.03		0.03
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.194														
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.194														
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.194														

<Case 115>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.278	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.148	1.326	1.373	1.336	1.273	1.292	1.334	1.415	1.288	1.251	1.288	1.290	1.467	1.288	1.362
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.148	1.440	1.487	1.451	1.388	1.407	1.439	1.520	1.384	1.364	1.404	1.365	1.572	1.384	1.477
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.148	1.312	1.359	1.323	1.260	1.279	1.311	1.402	1.256	1.239	1.276	1.237	1.444	1.256	1.339
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.148	1.526	1.576	1.539	1.476	1.495	1.527	1.610	1.472	1.454	1.492	1.453	1.660	1.472	1.565
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.148	1.490	1.447	1.411	1.348	1.367	1.399	1.490	1.344	1.324	1.364	1.325	1.532	1.344	1.437
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.148	1.315	1.362	1.326	1.263	1.282	1.314	1.405	1.259	1.241	1.279	1.240	1.447	1.259	1.352
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.148	1.145	1.192	1.156	1.093	1.112	1.144	1.235	1.088	1.071	1.108	1.070	1.277	1.088	1.182

SAR peak location (mm)			X (axis)	0.3	12	-50.1	-51.1	-47.2	-99	-41.1	-52.9	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)	67	27.5	-50.4	-49.8	-99	-42	-48.1	-98	-49.5	-99	-42	-49.6	-57	-44.5	-46.5	-48.5
			Z (axis)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4+3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.278	0.339	0.546	0.358	0.451
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.148													
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.148													
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.148													
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.148							0.02					0.02	
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.148													
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.148													
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.148													

<Case 116>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.278	0.339	0.546	0.358	0.451
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR	0+1+7+12 Summed SAR	0+1+7+13 Summed SAR	0+1+7+14 Summed SAR	0+1+7+15 Summed SAR	0+1+7+16 Summed SAR	0+1+7+17 Summed SAR	0+1+7+18 Summed SAR	0+1+7+19 Summed SAR	0+1+7+20 Summed SAR	0+1+7+21 Summed SAR	0+1+7+22 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.187	1.364	1.411	1.375	1.312	1.331	1.363	1.454	1.328	1.290	1.328	1.289	1.496	1.328	1.401
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.187	1.476	1.526	1.490	1.427	1.446	1.478	1.559	1.423	1.403	1.443	1.404	1.611	1.423	1.516
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.187	1.351	1.398	1.362	1.299	1.318	1.350	1.441	1.295	1.277	1.315	1.276	1.483	1.295	1.388
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.187	1.567	1.616	1.578	1.515	1.534	1.566	1.647	1.511	1.493	1.531	1.492	1.699	1.511	1.604
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.187	1.529	1.486	1.450	1.387	1.406	1.438	1.529	1.383	1.363	1.403	1.364	1.571	1.383	1.476
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.187	1.354	1.401	1.365	1.302	1.321	1.353	1.444	1.298	1.280	1.318	1.279	1.486	1.298	1.391
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.187	1.184	1.231	1.195	1.132	1.151	1.183	1.274	1.128	1.110	1.148	1.109	1.316	1.128	1.221

SAR peak location (mm)			X (axis)	0.3	12	-50.1	-51.1	-47.2	-99	-41.1	-52.9	-57.5	-42.5	-56.5	-42.9	-51	-57.5	-41.2	-52.9
			Y (axis)	67	32	-50.4	-49.8	-99	-42	-48.1	-98	-49.5	-99	-42	-49.6	-57	-44.5	-46.5	-48.5
			Z (axis)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	GSM1900_Ant 2 TX0	WCDMA II_Ant 2 TX0	WCDMA IV_Ant 2 TX0	LTE Band 7_Ant 2 TX0	LTE Band 25_Ant 2 TX0	LTE Band 30_Ant 2 TX0	LTE Band 41_Ant 2 TX0	LTE Band 66_Ant 2 TX0	FR1 n7_Ant 2 TX0	FR1 n25_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)		0.414	0.461	0.425	0.362	0.381	0.413	0.504	0.358	0.340	0.278	0.339	0.546	0.358	0.451
						0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results	0+1+7+12 SPLSR Results	0+1+7+13 SPLSR Results	0+1+7+14 SPLSR Results	0+1+7+15 SPLSR Results	0+1+7+16 SPLSR Results	0+1+7+17 SPLSR Results	0+1+7+18 SPLSR Results	0+1+7+19 SPLSR Results	0+1+7+20 SPLSR Results	0+1+7+21 SPLSR Results	0+1+7+22 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.187													
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.187											0.02		
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.187													
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.187							0.02				0.02		0.02
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.187													
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.187													
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.187													

<Case 117>

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)			0.317	0.341	0.523
				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	0.487	0.157	0.276	1.237	1.261	1.443
LTE Band 66_Ant 5 Sub TX1	0.602	0.157	0.276	1.352	1.376	1.558
FR1 n25_Ant 5 Sub TX1	0.474	0.157	0.276	1.224	1.248	1.430
FR1 n66_Ant 5 Sub TX1	0.690	0.157	0.276	1.440	1.464	1.646
FR1 n41_Ant 5 Sub TX1	0.562	0.157	0.276	1.312	1.336	1.518
FR1 n48_Ant 5 Sub TX1	0.477	0.157	0.276	1.227	1.251	1.433
FR1 n77_Ant 5 Sub TX1	0.307	0.157	0.276	1.057	1.081	1.263

SAR peak location (mm)			X (axis)	14	0.3	12	-23	12.5
			Y (axis)	30.5	67	-57	-75.5	-56
			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)			0.317	0.341	0.523
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.157	0.276			
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.157	0.276			
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.157	0.276			
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.157	0.276			0.02
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.157	0.276			
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.157	0.276			
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.157	0.276			

<Case 118>

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)			0.317	0.341	0.523
				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	0.487	0.145	0.276	1.225	1.249	1.431
LTE Band 66_Ant 5 Sub TX1	0.602	0.145	0.276	1.340	1.364	1.546
FR1 n25_Ant 5 Sub TX1	0.474	0.145	0.276	1.212	1.236	1.418
FR1 n66_Ant 5 Sub TX1	0.690	0.145	0.276	1.428	1.452	1.634
FR1 n41_Ant 5 Sub TX1	0.562	0.145	0.276	1.300	1.324	1.506
FR1 n48_Ant 5 Sub TX1	0.477	0.145	0.276	1.215	1.239	1.421
FR1 n77_Ant 5 Sub TX1	0.307	0.145	0.276	1.045	1.069	1.251

SAR peak location (mm)			X (axis)		16	0.3	12	-23	12.5
			Y (axis)		30	67	-57	-75.5	-56
			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)			0.317	0.341	0.523
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.145	0.276			
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.145	0.276			
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.145	0.276			
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.145	0.276			0.02
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.145	0.276			
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.145	0.276			
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.145	0.276			

<Case 119>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
Back	1g SAR (W/kg)			0.317	0.341	0.523
				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	0.487	0.276	0.210	1.290	1.314	1.496
LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.210	1.405	1.429	1.611
FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.210	1.277	1.301	1.483
FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.210	1.493	1.517	1.699
FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.210	1.365	1.389	1.571
FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.210	1.280	1.304	1.486
FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.210	1.110	1.134	1.316

SAR peak location (mm)			X (axis)		0.3	11	12	-23	12.5
			Y (axis)		67	31.5	-57	-75.5	-56
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	7	9	10	11
				WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 6 TX0	FR1 n48_Ant 6 TX0	FR1 n77_Ant 6 TX0
			Back	1g SAR (W/kg)			0.317	0.341	0.523
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-53.8	76.4	-207	LTE Band 25_Ant 5 Sub TX1	0.487	0.276	0.210			
-61.4	32.4	-207	LTE Band 66_Ant 5 Sub TX1	0.602	0.276	0.210			0.02
-61.4	32.6	-207	FR1 n25_Ant 5 Sub TX1	0.474	0.276	0.210			
-62.4	32.4	-207	FR1 n66_Ant 5 Sub TX1	0.690	0.276	0.210			0.03
-59	38.5	-207	FR1 n41_Ant 5 Sub TX1	0.562	0.276	0.210			
-33.5	82	-207	FR1 n48_Ant 5 Sub TX1	0.477	0.276	0.210			
-33	77.5	-207	FR1 n77_Ant 5 Sub TX1	0.307	0.276	0.210			