Appendix F. Sim-Tx SAR consideration

F.1 Sim-Tx Configuration

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

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

General Note:

1. This device WLAN 2.4GHz / 5.2GHz / 5.8GHz and WLAN 6GHz VLP supports Hotspot operation and Bluetooth support tethering applications.
2. The worst case reported SAR from each transmit antennas were using for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission configuration.
3. The NFC mainly operate in hand-held extremity condition; therefore, the NFC Sim-Tx analysis was including in section F6.
4. The SAR summation is calculated based on the same exposure configuration and test position from each transmit antenna worst case reported SAR results.
5. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
   i) Scalar SAR summation < 1.6W/kg.
   ii) SPLSR = (SAR1 + SAR2)^1.5 / (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.

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

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

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

g1* LTEexposure + g2* NRexposure ≤ 1.0,

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

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

The device also enabled Samsung Spatial TAS to improve antenna performance by applying separate SAR budgets to each predefined antenna group. There are three predefined antenna groups of AG0(Ant0, Ant6), AG1(Ant1,Ant5), AG2(Ant2,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 Antenna	AG0	AG1	AG2	external radio
	Ant 0, Ant 6	Ant 1, Ant 5	Ant 2, Ant 7	WLAN/BT/Thread/NFC/UWB

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

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

F.3 Head Sim-Tx analysis

<WLAN Index1, BT Index1, Thread Index1>

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	0.751	0.106	0.703	0.750	0.203	0.056	0.208	0.216	**1.501**	**0.856**	**1.453**	**0.953**	**0.806**	**0.958**	**0.966**
Right Tilted	0.143	0.125	0.411	0.530	0.034	0.062	0.107	0.046	**0.673**	**0.655**	**0.941**	**0.564**	**0.592**	**0.637**	**0.576**
Left Cheek	0.304	0.483	0.481	0.793	0.064	0.219	0.197	0.109	**1.097**	**1.276**	**1.274**	**0.857**	**1.012**	**0.990**	**0.902**
Left Tilted	0.077	0.270	0.312	0.430	0.023	0.110	0.105	0.109	**0.507**	**0.700**	**0.742**	**0.453**	**0.540**	**0.535**	**0.539**

<WWAN Index2>

Exposure Position	Max Ant 0	Max Ant 1	Max Ant 2	Max Ant 5	Max Ant 6	Max Ant 7	Ant 0+1 Summed 1g SAR (W/kg)	Ant 0+2 Summed 1g SAR (W/kg)	Ant 0+5 Summed 1g SAR (W/kg)	Ant 0+7 Summed 1g SAR (W/kg)	Ant 1+2 Summed 1g SAR (W/kg)	Ant 1+6 Summed 1g SAR (W/kg)	Ant 1+7 Summed 1g SAR (W/kg)	Ant 2+5 Summed 1g SAR (W/kg)	Ant 2+6 Summed 1g SAR (W/kg)	Ant 5+6 Summed 1g SAR (W/kg)	Ant 5+7 Summed 1g SAR (W/kg)	Ant 6+7 Summed 1g SAR (W/kg)	Ant 1+2 SPLSR	Ant 1+2 Case No	Ant 1+7 SPLSR	Ant 1+7 Case No
	WWAN	WWAN	WWAN	WWAN	WWAN	WWAN																
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																
Right Cheek at 0mm	0.366	0.988	0.710	0.518	0.316	0.757	1.354	1.076	0.884	1.123	**1.698**	1.304	**1.745**	1.228	1.026	0.834	1.275	1.073	0.030	Case 1	0.030	Case 2
Right Tilted at 0mm	0.180	0.991	0.193	0.504	0.386	0.302	1.171	0.373	0.684	0.482	1.184	1.377	1.293	0.697	0.579	0.890	0.806	0.688				
Left Cheek at 0mm	0.463	0.896	0.362	0.975	0.450	0.483	1.359	0.825	1.438	0.946	1.258	1.346	1.379	1.337	0.812	1.425	1.458	0.933				
Left Tilted at 0mm	0.253	0.731	0.321	0.502	0.214	0.576	0.984	0.574	0.755	0.829	1.052	0.945	1.307	0.823	0.535	0.716	1.078	0.790				

<WWAN Index3, WLAN Index2, BT Index1, Thread Index1>

WWAN Band	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 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)	1g SAR (W/kg)	1g SAR (W/kg)																					
Ant 0+1	Right Cheek	0.366	0.793	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.583	1.410	1.537	1.582	1.435	1.587	1.595												0.04	Case 5
	Right Tilted	0.180	0.761	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	1.095	1.089	1.139	1.088	1.116	1.161	1.100													
	Left Cheek	0.463	0.680	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.431	1.510	1.493	1.426	1.581	1.559	1.471													
	Left Tilted	0.253	0.554	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.968	1.034	1.028	0.974	1.061	1.056	1.060													
Ant 0+2	Right Cheek	0.366	0.710	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.500	1.327	1.454	1.499	1.352	1.504	1.512													
	Right Tilted	0.180	0.193	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.527	0.521	0.571	0.520	0.548	0.593	0.532													
	Left Cheek	0.463	0.362	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.113	1.192	1.175	1.108	1.263	1.241	1.153													
	Left Tilted	0.253	0.321	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.735	0.801	0.795	0.741	0.828	0.823	0.827													
Ant 0+5	Right Cheek	0.366	0.304	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.094	0.921	1.048	1.093	0.946	1.098	1.106													
	Right Tilted	0.180	0.269	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.603	0.597	0.647	0.596	0.624	0.669	0.608													
	Left Cheek	0.463	0.690	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.441	1.520	1.503	1.436	1.591	1.569	1.481													
	Left Tilted	0.253	0.331	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.745	0.811	0.805	0.751	0.838	0.833	0.837													
Ant 0+7	Right Cheek	0.366	0.615	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.405	1.232	1.359	1.404	1.257	1.409	1.417													
	Right Tilted	0.180	0.245	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.579	0.573	0.623	0.572	0.600	0.645	0.584													
	Left Cheek	0.463	0.393	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.144	1.223	1.206	1.139	1.294	1.272	1.184													
	Left Tilted	0.253	0.468	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.882	0.948	0.942	0.888	0.975	0.970	0.974													
Ant 1+2	Right Cheek	0.793	0.710	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.927	1.754	1.881	1.926	1.779	1.931	1.939	0.04	Case 6	0.04	Case 7	0.04	Case 8	0.04	Case 9	0.04	Case 10	0.04	Case 11	0.04	Case 12
	Right Tilted	0.761	0.193	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	1.108	1.102	1.152	1.101	1.129	1.174	1.113													
	Left Cheek	0.680	0.362	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.330	1.409	1.392	1.325	1.480	1.458	1.370													
	Left Tilted	0.554	0.321	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	1.036	1.102	1.096	1.042	1.129	1.124	1.128													
Ant 1+6	Right Cheek	0.793	0.316	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.533	1.360	1.487	1.532	1.385	1.537	1.545													
	Right Tilted	0.761	0.386	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	1.301	1.295	1.345	1.294	1.322	1.367	1.306													
	Left Cheek	0.680	0.450	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.418	1.497	1.480	1.413	1.568	1.546	1.458													
	Left Tilted	0.554	0.214	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.929	0.995	0.989	0.935	1.022	1.017	1.021													
Ant 1+7	Right Cheek	0.793	0.615	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.832	1.659	1.786	1.831	1.684	1.836	1.844	0.03	Case 13	0.03	Case 14	0.04	Case 15	0.03	Case 16	0.04	Case 17	0.04	Case 18	0.03	Case 19
	Right Tilted	0.761	0.245	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	1.160	1.154	1.204	1.153	1.181	1.226	1.165													
	Left Cheek	0.680	0.393	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.361	1.440	1.423	1.356	1.511	1.489	1.401													
	Left Tilted	0.554	0.468	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	1.183	1.249	1.243	1.189	1.276	1.271	1.275													
Ant 2+5	Right Cheek	0.710	0.304	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.438	1.265	1.392	1.437	1.290	1.442	1.450													
	Right Tilted	0.193	0.269	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.616	0.610	0.660	0.609	0.637	0.682	0.621													
	Left Cheek	0.362	0.690	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.340	1.419	1.402	1.335	1.490	1.468	1.380													
	Left Tilted	0.321	0.331	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.813	0.879	0.873	0.819	0.906	0.901	0.905													
Ant 2+6	Right Cheek	0.710	0.316	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.450	1.277	1.404	1.449	1.302	1.454	1.462													
	Right Tilted	0.193	0.386	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.733	0.727	0.777	0.726	0.754	0.799	0.738													
	Left Cheek	0.362	0.450	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.100	1.179	1.162	1.095	1.250	1.228	1.140													
	Left Tilted	0.321	0.214	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.696	0.762	0.756	0.702	0.789	0.784	0.788													
Ant 5+6	Right Cheek	0.304	0.316	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.044	0.871	0.998	1.043	0.896	1.048	1.056													
	Right Tilted	0.269	0.386	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.809	0.803	0.853	0.802	0.830	0.875	0.814													
	Left Cheek	0.690	0.450	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.428	1.507	1.490	1.423	1.578	1.556	1.468													
	Left Tilted	0.331	0.214	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.706	0.772	0.766	0.712	0.799	0.794	0.798													
Ant 5+7	Right Cheek	0.304	0.615	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.343	1.170	1.297	1.342	1.195	1.347	1.355													
	Right Tilted	0.269	0.245	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.668	0.662	0.712	0.661	0.689	0.734	0.673													
	Left Cheek	0.690	0.393	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.371	1.450	1.433	1.366	1.521	1.499	1.411													
	Left Tilted	0.331	0.468	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.960	1.026	1.020	0.966	1.053	1.048	1.052													
Ant 6+7	Right Cheek	0.316	0.615	0.204	0.031	0.158	0.220	0.203	0.056	0.208	0.216	1.355	1.182	1.309	1.354	1.207	1.359	1.367													
	Right Tilted	0.386	0.245	0.041	0.035	0.085	0.113	0.034	0.062	0.107	0.046	0.785	0.779	0.829	0.778	0.806	0.851	0.790													
	Left Cheek	0.450	0.393	0.069	0.148	0.131	0.219	0.064	0.219	0.197	0.109	1.131	1.210	1.193	1.126	1.281	1.259	1.171													
	Left Tilted	0.214	0.468	0.017	0.083	0.077	0.144	0.023	0.110	0.105	0.109	0.843	0.909	0.903	0.849	0.936	0.931	0.935													

F.4 Hotspot Sim-Tx analysis

<WWAN Index4, WLAN Index4, BT Index2, Thread Index2>

		0	1	2	3	4	5	6	7	8	9																								
	Exposure Position	Maximum WWAN 1g SAR (W/kg)	Maximum WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	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	0.561	0.526	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.420	1.365	1.422	1.447	1.521	1.425	1.440																	
	Back	0.825	0.773	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.974	1.902	1.943	2.024	2.055	1.970	1.995	0.02	Case 20	0.02	Case 21	0.02	Case 22	0.02	Case 23	0.02	Case 24	0.02	Case 25	0.02	Case 26
	Left side	0.567	0.505	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	1.492	1.293	1.481	1.507	1.303	1.500	1.506																	
	Right side	0.268	0.243	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	0.679	0.752	0.744	0.680	0.927	0.787	0.675																	
	Top side		0.842	0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	1.011	1.013	1.034	1.011	1.040	1.046	1.010																	
	Bottom side	0.847		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.849	0.849	0.849	0.849	0.849	0.849	0.849																	
Ant 0+2	Front	0.561	0.354	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.248	1.193	1.250	1.275	1.349	1.253	1.268																	
	Back	0.825	0.482	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.683	1.611	1.652	1.733	1.764	1.679	1.704	0.03	Case 27	0.03	Case 28	0.03	Case 29	0.04	Case 30	0.04	Case 31	0.03	Case 32	0.03	Case 33
	Left side	0.567	0.078	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	1.065	0.866	1.054	1.080	0.876	1.073	1.079																	
	Right side	0.268	0.525	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	0.961	1.034	1.026	0.962	1.209	1.069	0.957																	
	Top side			0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	0.169	0.171	0.192	0.169	0.198	0.204	0.168																	
	Bottom side	0.847	0.210	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.059	1.059	1.059	1.059	1.059	1.059	1.059																	
Ant 0+5	Front	0.561	0.497	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.391	1.336	1.393	1.418	1.492	1.396	1.411																	
	Back	0.825	0.599	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.800	1.728	1.769	1.850	1.881	1.796	1.821	0.02	Case 34	0.02	Case 35	0.02	Case 36	0.02	Case 37	0.02	Case 38	0.02	Case 39	0.02	Case 40
	Left side	0.567	0.130	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	1.117	0.918	1.106	1.132	0.928	1.125	1.131																	
	Right side	0.268	0.847	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	1.283	1.356	1.348	1.284	1.531	1.391	1.279																	
	Top side		0.619	0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	0.788	0.790	0.811	0.788	0.817	0.823	0.787																	
	Bottom side	0.847		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.849	0.849	0.849	0.849	0.849	0.849	0.849																	
Ant 0+7	Front	0.561	0.357	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.251	1.196	1.253	1.278	1.352	1.256	1.271																	
	Back	0.825	0.346	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.547	1.475	1.516	1.597	1.628	1.543	1.568							0.03	Case 41	0.04	Case 42				
	Left side	0.567	0.001	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	0.988	0.789	0.977	1.003	0.799	0.996	1.002																	
	Right side	0.268	0.744	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	1.180	1.253	1.245	1.181	1.428	1.288	1.176																	
	Top side			0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	0.169	0.171	0.192	0.169	0.198	0.204	0.168																	
	Bottom side	0.847	0.172	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.021	1.021	1.021	1.021	1.021	1.021	1.021																	
Ant 1+2	Front	0.526	0.354	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.213	1.158	1.215	1.240	1.314	1.218	1.233																	
	Back	0.773	0.482	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.631	1.559	1.600	1.681	1.712	1.627	1.652	0.02	Case 43			0.02	Case 44	0.02	Case 45	0.02	Case 46	0.02	Case 47	0.02	Case 48
	Left side	0.505	0.078	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	1.003	0.804	0.992	1.018	0.814	1.011	1.017																	
	Right side	0.243	0.525	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	0.936	1.009	1.001	0.937	1.184	1.044	0.932																	
	Top side	0.842		0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	1.011	1.013	1.034	1.011	1.040	1.046	1.010																	
	Bottom side		0.210	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.212	0.212	0.212	0.212	0.212	0.212	0.212																	
Ant 1+6	Front	0.526	0.475	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.334	1.279	1.336	1.361	1.435	1.339	1.354																	
	Back	0.773	0.308	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.457	1.385	1.426	1.507	1.538	1.453	1.478																	
	Left side	0.505	0.486	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	1.411	1.212	1.400	1.426	1.222	1.419	1.425																	
	Right side	0.243	0.001	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	0.412	0.485	0.477	0.413	0.660	0.520	0.408																	
	Top side	0.842		0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	1.011	1.013	1.034	1.011	1.040	1.046	1.010																	
	Bottom side		0.237	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.239	0.239	0.239	0.239	0.239	0.239	0.239																	
Ant 1+7	Front	0.526	0.357	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.216	1.161	1.218	1.243	1.317	1.221	1.236																	
	Back	0.773	0.346	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.495	1.423	1.464	1.545	1.576	1.491	1.516																	
	Left side	0.505	0.001	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	0.926	0.727	0.915	0.941	0.737	0.934	0.940																	
	Right side	0.243	0.744	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	1.155	1.228	1.220	1.156	1.403	1.263	1.151																	
	Top side	0.842		0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	1.011	1.013	1.034	1.011	1.040	1.046	1.010																	
	Bottom side		0.172	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.174	0.174	0.174	0.174	0.174	0.174	0.174																	
Ant 2+5	Front	0.354	0.497	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.184	1.129	1.186	1.211	1.285	1.189	1.204																	
	Back	0.482	0.599	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	1.457	1.385	1.426	1.507	1.538	1.453	1.478																	
	Left side	0.078	0.130	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	0.628	0.429	0.617	0.643	0.439	0.636	0.642																	
	Right side	0.525	0.847	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	1.540	1.613	1.605	1.541	1.788	1.648	1.536			0.02	Case 49	0.02	Case 50			0.02	Case 51	0.02	Case 52		
	Top side		0.619	0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	0.788	0.790	0.811	0.788	0.817	0.823	0.787																	
	Bottom side	0.210		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.212	0.212	0.212	0.212	0.212	0.212	0.212																	
Ant 2+6	Front	0.354	0.475	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	1.162	1.107	1.164	1.189	1.263	1.167	1.182																	

	Back	0.482	0.308	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	**1.166**	**1.094**	**1.135**	**1.216**	**1.247**	**1.162**	**1.187**																						
	Left side	0.078	0.486	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	**0.984**	**0.785**	**0.973**	**0.999**	**0.795**	**0.992**	**0.998**																						
	Right side	0.525	0.001	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	**0.694**	**0.767**	**0.759**	**0.695**	**0.942**	**0.802**	**0.690**																						
	Top side			0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	**0.169**	**0.171**	**0.192**	**0.169**	**0.198**	**0.204**	**0.168**																						
	Bottom side	0.210	0.237	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	**0.449**	**0.449**	**0.449**	**0.449**	**0.449**	**0.449**	**0.449**																						
Ant 5+6	Front	0.497	0.475	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	**1.305**	**1.250**	**1.307**	**1.332**	**1.406**	**1.310**	**1.325**																						
	Back	0.599	0.308	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	**1.283**	**1.211**	**1.252**	**1.333**	**1.364**	**1.279**	**1.304**																						
	Left side	0.130	0.486	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	**1.036**	**0.837**	**1.025**	**1.051**	**0.847**	**1.044**	**1.050**																						
	Right side	0.847	0.001	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	**1.016**	**1.089**	**1.081**	**1.017**	**1.264**	**1.124**	**1.012**																						
	Top side	0.619		0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	**0.788**	**0.790**	**0.811**	**0.788**	**0.817**	**0.823**	**0.787**																						
	Bottom side		0.237	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	**0.239**	**0.239**	**0.239**	**0.239**	**0.239**	**0.239**	**0.239**																						
Ant 5+7	Front	0.497	0.357	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	**1.187**	**1.132**	**1.189**	**1.214**	**1.288**	**1.192**	**1.207**																						
	Back	0.599	0.346	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	**1.321**	**1.249**	**1.290**	**1.371**	**1.402**	**1.317**	**1.342**																						
	Left side	0.130	0.001	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	**0.551**	**0.352**	**0.540**	**0.566**	**0.362**	**0.559**	**0.565**																						
	Right side	0.847	0.744	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	1.759	1.832	1.824	1.760	2.007	1.867	1.755	0.02	Case 53	0.03	Case 54	0.03	Case 55	0.03	Case 56	0.03	Case 57	0.03	Case 58	0.02	Case 59						
	Top side	0.619		0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	**0.788**	**0.790**	**0.811**	**0.788**	**0.817**	**0.823**	**0.787**																						
	Bottom side		0.172	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	**0.174**	**0.174**	**0.174**	**0.174**	**0.174**	**0.174**	**0.174**																						
Ant 6+7	Front	0.475	0.357	0.099	0.044	0.101	0.234	0.126	0.200	0.104	0.119	**1.165**	**1.110**	**1.167**	**1.192**	**1.266**	**1.170**	**1.185**																						
	Back	0.308	0.346	0.123	0.051	0.092	0.253	0.173	0.204	0.119	0.144	**1.030**	**0.958**	**0.999**	**1.080**	**1.111**	**1.026**	**1.051**																						
	Left side	0.486	0.001	0.200	0.001	0.189	0.220	0.215	0.011	0.208	0.214	**0.907**	**0.708**	**0.896**	**0.922**	**0.718**	**0.915**	**0.921**																						
	Right side	0.001	0.744	0.005	0.078	0.070	0.163	0.006	0.253	0.113	0.001	**0.913**	**0.986**	**0.978**	**0.914**	**1.161**	**1.021**	**0.909**																						
	Top side			0.020	0.022	0.043	0.149	0.020	0.049	0.055	0.019	**0.169**	**0.171**	**0.192**	**0.169**	**0.198**	**0.204**	**0.168**																						
	Bottom side	0.237	0.172	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	**0.411**	**0.411**	**0.411**	**0.411**	**0.411**	**0.411**	**0.411**																						

F.5 Body-worn Sim-Tx analysis

<WLAN Index3, BT Index2, Thread Index2>

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)							
Front	0.503	0.400	0.498	0.528	0.126	0.200	0.104	0.119	**1.031**	**0.928**	**1.026**	**0.654**	**0.728**	**0.632**	**0.647**
Back	0.648	0.378	0.544	0.776	0.173	0.204	0.119	0.144	**1.424**	**1.154**	**1.320**	**0.949**	**0.980**	**0.895**	**0.920**

<WWAN Index5>

Exposure Position	Max Ant 0	Max Ant 1	Max Ant 2	Max Ant 5	Max Ant 6	Max Ant 7	Ant 0+1 Summed 1g SAR (W/kg)	Ant 0+2 Summed 1g SAR (W/kg)	Ant 0+5 Summed 1g SAR (W/kg)	Ant 0+7 Summed 1g SAR (W/kg)	Ant 1+2 Summed 1g SAR (W/kg)	Ant 1+6 Summed 1g SAR (W/kg)	Ant 1+7 Summed 1g SAR (W/kg)	Ant 2+5 Summed 1g SAR (W/kg)	Ant 2+6 Summed 1g SAR (W/kg)	Ant 5+6 Summed 1g SAR (W/kg)	Ant 5+7 Summed 1g SAR (W/kg)	Ant 6+7 Summed 1g SAR (W/kg)	Ant 0+1 SPLSR	Ant 0+1 Case No	Ant 0+5 SPLSR	Ant 0+5 Case No
	WWAN	WWAN	WWAN	WWAN	WWAN	WWAN																
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																
Front at 10mm	0.851	0.633	0.416	0.558	0.558	0.419	1.484	1.267	1.409	1.270	1.049	1.191	1.052	0.974	0.974	1.116	0.977	0.977				
Back at 10mm	0.992	0.929	0.566	0.755	0.362	0.408	**1.921**	1.558	**1.747**	1.400	1.495	1.291	1.337	1.321	0.928	1.117	1.163	0.770	0.020	Case 3	0.020	Case 4

<WWAN Index6, WLAN Index4, BT Index2, Thread Index2>

	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 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)	1g SAR (W/kg)	1g SAR (W/kg)																					
Ant 0+1	Front	0.724	0.538	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	1.633	**1.578**	1.635	1.660	1.734	1.638	1.653	0.02	Case 60			0.02	Case 61	0.02	Case 62	0.02	Case 63	0.02	Case 64	0.02	Case 65
	Back	0.844	0.791	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	2.048	1.976	2.017	2.098	2.129	2.044	2.069	0.02	Case 66	0.02	Case 67	0.02	Case 68	0.03	Case 69	0.02	Case 70	0.02	Case 71	0.03	Case 72
Ant 0+2	Front	0.724	0.354	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.449**	**1.394**	**1.451**	**1.476**	**1.550**	**1.454**	**1.469**														
	Back	0.844	0.482	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	1.739	1.667	1.708	1.789	1.820	1.735	1.760	0.04	Case 73	0.03	Case 74	0.04	Case 75	0.04	Case 76	0.04	Case 77	0.04	Case 78	0.04	Case 79
Ant 0+5	Front	0.724	0.558	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	1.653	1.598	1.655	1.680	1.754	1.658	1.673	0.02	Case 80	0.02	Case 81	0.02	Case 82	0.02	Case 83	0.02	Case 84	0.02	Case 85	0.02	Case 86
	Back	0.844	0.642	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	1.899	1.827	1.868	1.949	1.980	1.895	1.920	0.02	Case 87	0.02	Case 88	0.02	Case 89	0.02	Case 90	0.02	Case 91	0.02	Case 92	0.02	Case 93
Ant 0+7	Front	0.724	0.357	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.452**	**1.397**	**1.454**	**1.479**	**1.553**	**1.457**	**1.472**														
	Back	0.844	0.347	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	1.604	1.532	1.573	1.654	1.685	1.600	1.625	0.03	Case 94					0.04	Case 95	0.04	Case 96	0.03	Case 97	0.04	Case 98
Ant 1+2	Front	0.538	0.354	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.263**	**1.208**	**1.265**	**1.290**	**1.364**	**1.268**	**1.283**														
	Back	0.791	0.482	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	1.686	1.614	1.655	1.736	1.767	1.682	1.707	0.02	Case 99	0.02	Case 100	0.02	Case 101	0.02	Case 102	0.02	Case 103	0.02	Case 104	0.02	Case 105
Ant 1+6	Front	0.538	0.475	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.384**	**1.329**	**1.386**	**1.411**	**1.485**	**1.389**	**1.404**														
	Back	0.791	0.308	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	**1.512**	**1.440**	**1.481**	**1.562**	1.593	**1.508**	**1.533**														
Ant 1+7	Front	0.538	0.357	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.266**	**1.211**	**1.268**	**1.293**	**1.367**	**1.271**	**1.286**														
	Back	0.791	0.347	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	**1.551**	**1.479**	**1.520**	1.601	1.632	**1.547**	1.572							0.02	Case 106	0.02	Case 107				
Ant 2+5	Front	0.354	0.558	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.283**	**1.228**	**1.285**	**1.310**	**1.384**	**1.288**	**1.303**														
	Back	0.482	0.642	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	**1.537**	**1.465**	**1.506**	**1.587**	1.618	**1.533**	**1.558**									0.02	Case 108				
Ant 2+6	Front	0.354	0.475	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.200**	**1.145**	**1.202**	**1.227**	**1.301**	**1.205**	**1.220**														
	Back	0.482	0.308	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	**1.203**	**1.131**	**1.172**	**1.253**	**1.284**	**1.199**	**1.224**														
Ant 5+6	Front	0.558	0.475	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.404**	**1.349**	**1.406**	**1.431**	**1.505**	**1.409**	**1.424**														
	Back	0.642	0.308	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	**1.363**	**1.291**	**1.332**	**1.413**	**1.444**	**1.359**	**1.384**														
Ant 5+7	Front	0.558	0.357	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.286**	**1.231**	**1.288**	**1.313**	**1.387**	**1.291**	**1.306**														
	Back	0.642	0.347	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	**1.402**	**1.330**	**1.371**	**1.452**	**1.483**	**1.398**	**1.423**														
Ant 6+7	Front	0.475	0.357	0.099	0.044	0.101	0.272	0.126	0.200	0.104	0.119	**1.203**	**1.148**	**1.205**	**1.230**	**1.304**	**1.208**	**1.223**														
	Back	0.308	0.347	0.123	0.051	0.092	0.290	0.173	0.204	0.119	0.144	**1.068**	**0.996**	**1.037**	**1.118**	**1.149**	**1.064**	**1.089**														

F.6 Product Specific Sim-Tx analysis

<WLAN Index3, NFC>

Exposure Position	1 WLAN5/6GHz Ant 3+4 10g SAR (W/kg)	2 NFC 10g SAR (W/kg)	1+2 Summed 10g SAR (W/kg)
Front	2.701	0.001	**2.702**
Back	0.680	0.014	**0.694**
Left Edge	1.970	0.001	**1.971**
Right Edge	1.511	0.001	**1.512**
Top Edge	1.126	0.001	**1.127**
Bottom Edge			**0.000**

<WWAN Index6, WLAN Index4, NFC>

Exposure Position	1 WWAN 10g SAR (W/kg)	3 WLAN5/6GHz Ant 3+4 10g SAR (W/kg)	4 NFC 10g SAR (W/kg)	1+3+4 Summed 10g SAR (W/kg)
Front		1.665	0.001	**1.666**
Back		0.441	0.014	**0.455**
Left Edge		0.936	0.001	**0.937**
Right Edge		0.711	0.001	**0.712**
Top Edge		0.558	0.001	**0.559**
Bottom Edge	2.492			**2.492**

F.6 SAR Peak Location Distance and SPSLR analysis

<Case 1>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	8	20	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
Right Cheek	1g SAR (W/kg)	0.353	0.427	0.377	0.708	0.443	0.583	0.406	0.411	0.700	0.413	0.502	0.710	0.340	0.308
		0+8 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	0.968	1.341	1.415	1.365	1.466	1.431	1.571	1.394	1.399	1.488	1.401	1.490	1.488	1.328	1.296
WCDMA V_Ant 1 TX0	0.977	1.330	1.404	1.354	1.455	1.420	1.560	1.383	1.388	1.477	1.390	1.479	1.567	1.317	1.285
LTE Band 12_Ant 1 TX0	0.970	1.329	1.397	1.347	1.476	1.413	1.553	1.376	1.381	1.470	1.383	1.472	1.560	1.310	1.278
LTE Band 13_Ant 1 TX0	0.806	1.159	1.233	1.183	1.514	1.249	1.389	1.212	1.217	1.506	1.219	1.308	1.516	1.146	1.114
LTE Band 14_Ant 1 TX0	0.808	1.161	1.235	1.185	1.516	1.251	1.391	1.214	1.219	1.508	1.221	1.310	1.518	1.148	1.116
LTE Band 26_Ant 1 Sub TX0	0.903	1.256	1.330	1.280	1.611	1.346	1.486	1.309	1.314	1.603	1.316	1.405	1.613	1.243	1.211
LTE Band 26_Ant 1 TX0	0.909	1.262	1.336	1.286	1.617	1.352	1.492	1.315	1.320	1.609	1.322	1.411	1.619	1.249	1.217
LTE Band 66_Ant 1 Sub TX0	0.968	1.341	1.415	1.365	1.466	1.431	1.571	1.394	1.399	1.488	1.401	1.490	1.488	1.328	1.296
LTE Band 71_Ant 1 TX0	0.887	1.240	1.314	1.264	1.595	1.330	1.470	1.293	1.298	1.587	1.300	1.389	1.597	1.227	1.195
FR1 n12_Ant 1 TX0	0.750	1.103	1.177	1.127	1.458	1.193	1.333	1.156	1.161	1.450	1.163	1.252	1.460	1.090	1.058
FR1 n14_Ant 1 TX0	0.943	1.296	1.370	1.320	1.651	1.386	1.526	1.349	1.354	1.643	1.356	1.445	1.653	1.283	1.251
FR1 n25_Ant 1 Sub TX0	0.974	1.327	1.401	1.351	1.682	1.417	1.557	1.380	1.385	1.674	1.387	1.476	1.684	1.314	1.282
FR1 n26_Ant 1 TX0	0.824	1.177	1.251	1.201	1.532	1.267	1.407	1.230	1.235	1.524	1.237	1.326	1.534	1.164	1.132
FR1 n41_Ant 1 Sub TX0	0.868	1.221	1.295	1.245	1.576	1.311	1.451	1.274	1.279	1.568	1.281	1.370	1.578	1.208	1.176
FR1 n66_Ant 1 Sub TX0	0.932	1.285	1.359	1.309	1.640	1.375	1.515	1.338	1.343	1.632	1.345	1.434	1.642	1.272	1.240
FR1 n66_Ant 1 Sub TX0	0.975	1.328	1.402	1.352	1.683	1.418	1.558	1.381	1.386	1.675	1.388	1.477	1.685	1.315	1.283
FR1 n70_Ant 1 TX0	0.965	1.338	1.412	1.362	1.693	1.428	1.568	1.391	1.396	1.685	1.398	1.487	1.695	1.325	1.293
FR1 n77_Ant 1 Sub TX0	0.967	1.209	1.294	1.244	1.575	1.310	1.450	1.273	1.278	1.567	1.280	1.369	1.577	1.207	1.175

SAR peak location (mm)			Exposure Position		X (mm)	56.8	57.3	56.5	53.7	55.2	53.1	55.7	57.1	54.4	54.8	55.6	52.2	55.7	57.6
					Y (mm)	-249.1	-244.9	-241.2	-248.8	-247.6	-246.4	-242.8	-249	-245.6	-243.7	-243.7	-247.1	-244.1	-244.6
					Z (mm)	-173.4	-177.1	-176.8	-174.3	-173.9	-176.1	-176.9	-177	-177.7	-177.2	-177.3	-174.3	-177.3	-177.2
X (mm)	Y (mm)	Z (mm)	0	WWAN SAR		0	20	11	12	13	14	15	16	17	18	19	20	21	22
			Right Cheek	1g SAR (W/kg)		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
						0.353	0.427	0.377	0.708	0.443	0.583	0.406	0.411	0.7	0.413	0.502	0.71	0.34	0.308
						0+8 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
21.9	-228.1	-174.8	GSM1900_Ant 2 TX0	0.968					0.03					0.02			0.03		
22.8	-227.4	-173.8	WCDMA V_Ant 1 TX0	0.977					0.03					0.03			0.03		
19.8	-228.8	-174.3	LTE Band 12_Ant 1 TX0	0.970					0.03					0.02			0.02		
22	-232.5	-174.4	LTE Band 13_Ant 1 TX0	0.806															
22.5	-230.4	-174.4	LTE Band 14_Ant 1 TX0	0.808															
19.1	-230.3	-174.3	LTE Band 26_Ant 1 Sub TX0	0.903					0.02					0.02			0.02		
21.9	-227.9	-174.8	LTE Band 26_Ant 1 TX0	0.909					0.03					0.02			0.03		
19.8	-231.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.968					0.02					0.02			0.02		
19.3	-231.3	-174.3	LTE Band 71_Ant 1 TX0	0.887					0.02								0.02		
14	-233.1	-174.2	FR1 n12_Ant 1 TX0	0.750															
20.2	-227.7	-174.5	FR1 n14_Ant 1 TX0	0.943					0.02					0.02			0.02		
19.2	-231.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.974					0.02					0.02			0.02		
22.4	-232.9	-174.4	FR1 n26_Ant 1 TX0	0.824															
20	-231.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.868															
20	-228.8	-174.5	FR1 n66_Ant 1 Sub TX0	0.932					0.02					0.02			0.02		
20.8	-227.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.975					0.03					0.02			0.02		
22.1	-230.9	-174.6	FR1 n71_Ant 1 TX0	0.965					0.03					0.02			0.02		
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.967															

<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)	0.193	0.270	0.757
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR
GSM850_Ant 1 TX1	0.988	1.181	1.258	**1.745**
WCDMA V_Ant 1 TX1	0.977	1.170	1.247	**1.734**
LTE Band 12_Ant 1 TX1	0.970	1.163	1.240	**1.727**
LTE Band 13_Ant 1 TX1	0.806	0.999	1.076	1.563
LTE Band 14_Ant 1 TX1	0.808	1.001	1.078	1.565
LTE Band 25_Ant 1 Sub TX0	0.903	1.096	1.173	**1.660**
LTE Band 26_Ant 1 TX1	0.909	1.102	1.179	**1.666**
LTE Band 66_Ant 1 Sub TX0	0.988	1.181	1.258	**1.745**
LTE Band 71_Ant 1 TX1	0.887	1.080	1.157	**1.644**
FR1 n12_Ant 1 TX1	0.750	0.943	1.020	1.507
FR1 n14_Ant 1 TX1	0.943	1.136	1.213	**1.700**
FR1 n25_Ant 1 Sub TX0	0.974	1.167	1.244	**1.731**
FR1 n26_Ant 1 TX1	0.824	1.017	1.094	1.581
FR1 n41_Ant 1 Sub TX0	0.868	1.061	1.138	**1.625**
FR1 n48_Ant 1 Sub TX0	0.932	1.125	1.202	**1.689**
FR1 n66_Ant 1 Sub TX0	0.975	1.168	1.245	**1.732**
FR1 n71_Ant 1 TX1	0.985	1.178	1.255	**1.742**
FR1 n77_Ant 1 Sub TX0	0.867	1.060	1.137	**1.624**

SAR peak location (mm)			X (axis)		53.2	51.1	51.8
			Y (axis)		-241.8	-247.2	-247.7
			Z (axis)		-177	-174.4	-174.4
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)	0.193	0.27	0.757
					0+9 SPLSR Results	0+10 SPLSR Results	0+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.988			0.03
42.6	-327.6	-174.9	WCDMA V_Ant 1 TX1	0.977			0.03
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.970			0.03
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.806			
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.808			
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.903			0.02
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.909			0.03
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.988			0.03
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.887			0.02
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750			
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.943			0.03
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.974			0.03
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.824			
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.868			0.02
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.932			0.02
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.975			0.03
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.985			0.03
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.867			0.03

<Case 3>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	WiFi/5G SAR	GSM850_Ant 1 TAS	WCDMA V_Ant 1 TAS	LTE Band 12_Ant 1 TAS	LTE Band 13_Ant 1 TAS	LTE Band 14_Ant 1 TAS	LTE Band 26_Ant 1 Sub-TAS	LTE Band 30_Ant 1 TAS	LTE Band 66_Ant 1 Sub-TAS	LTE Band 71_Ant 1 TAS	LTE Band 71_Ant 3 TAS	PPS-mm3_Ant 1 TAS	PPS-mm3_Ant 3 TAS	PPS-mm4_Ant 1 TAS	PPS-mm4_Ant 3 Sub-TAS	PPS-mm5_Ant 1 TAS	PPS-mm5_Ant 3 Sub-TAS	PPS-mm6_Ant 1 TAS	PPS-mm6_Ant 3 Sub-TAS	PPS-mm7_Ant 1 TAS	PPS-mm7_Ant 3 Sub-TAS
Rank	1g SAR (W/kg)	0.420	0.356	0.382	0.330	0.343	0.490	0.263	0.454	0.377	0.173	0.236	0.406	0.227	0.402	0.420	0.309	0.173	0.415		
		2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR	2nd-2 Summed SAR	2nd-1 Summed SAR
GSM850_Ant 0 TAS	0.470	1.162	1.356	1.122	1.246	1.232	1.960	1.263	1.454	1.347	1.145	1.196	1.367	1.213	1.388	1.420	1.342	1.173	1.415		
GSM850_Ant 2 TAS	0.468	1.433	1.215	1.151	1.208	1.219	1.960	1.263	1.454	1.348	1.148	1.196	1.367	1.213	1.388	1.420	1.342	1.173	1.415		
WCDMA V_Ant 0 TAS	0.460	1.434	1.218	1.164	1.212	1.234	1.960	1.263	1.454	1.169	1.165	1.228	1.392	1.218	1.556	1.412	1.401	1.185	1.417		
WCDMA V_Ant 2 TAS	0.734	1.161	0.905	0.901	0.959	0.961	1.432	0.956	1.370	0.916	0.912	0.975	0.967	0.965	1.541	1.159	1.003	0.912	0.964		
WCDMA V_Ant 0 TAS	0.632	0.994	0.768	0.894	0.752	0.770	1.226	0.783	1.249	0.799	0.795	0.788	1.395	0.768	1.316	0.952	1.461	0.765	1.197		
LTE Band 12_Ant 0 TAS	0.679	1.047	0.843	0.857	0.855	0.857	1.548	0.908	1.305	0.852	0.848	0.854	1.457	0.962	1.377	1.095	1.453	0.968	1.558		
LTE Band 13_Ant 0 TAS	0.549	0.782	0.566	0.922	0.565	0.583	1.030	0.951	0.974	0.617	0.533	0.576	1.148	0.567	0.942	0.780	1.265	0.513	0.955		
LTE Band 14_Ant 0 TAS	0.626	0.947	0.761	0.967	0.745	0.767	1.218	0.773	1.156	0.752	0.698	0.761	1.353	0.752	1.127	0.946	1.454	0.668	1.155		
LTE Band 26_Ant 0 TAS	0.535	0.952	0.709	0.882	0.760	0.772	1.218	0.763	1.164	0.707	0.706	0.766	1.359	0.767	1.132	0.950	1.459	0.703	1.165		
LTE Band 26_Ant 0 TAS	0.647	1.288	1.073	1.009	1.047	1.088	1.540	1.068	1.481	1.014	1.030	1.083	1.874	1.448	1.297	1.776	1.220	1.022	1.622		
LTE Band 30_Ant 0 TAS	0.634	0.949	0.746	0.733	0.760	0.812	1.230	0.821	1.254	0.747	0.749	0.839	1.374	0.767	1.172	0.949	1.489	0.743	1.216		
LTE Band 66_Ant 0 TAS	0.625	1.247	1.051	0.967	1.025	1.047	1.538	1.079	1.469	1.002	0.998	1.091	1.870	1.052	1.437	1.326	1.754	0.966	1.493		
LTE Band 66_Ant 0 TAS	0.638	0.960	0.764	0.702	0.748	0.788	1.232	0.783	1.172	0.720	0.713	0.775	1.366	0.765	1.140	0.958	1.467	0.711	1.193		
LTE Band 66_Ant 2 TAS	0.636	0.967	0.761	0.727	0.745	0.807	1.208	0.814	1.189	0.742	0.738	0.801	1.373	0.762	1.167	0.956	1.451	0.739	1.229		
LTE Band 71_Ant 0 TAS	0.214	0.638	0.449	0.378	0.434	0.456	0.907	0.469	0.848	0.391	0.387	0.450	1.022	0.441	0.816	0.634	1.143	0.387	0.859		
PPS-mC_Ant 0 TAS	0.756	1.178	0.950	0.916	0.976	0.998	1.438	1.007	1.366	0.933	0.939	0.992	1.904	0.965	1.306	1.178	1.953	0.939	1.415		
PPG-mD_Ant 0 TAS	0.545	0.767	0.671	0.567	0.665	0.687	1.038	0.966	0.979	0.522	0.535	0.665	1.353	0.572	0.917	0.785	1.374	0.516	1.020		
PPG-mD_Ant 2 TAS	0.642	0.932	0.770	0.724	0.772	0.796	1.245	0.862	1.248	0.729	0.728	0.796	1.365	0.779	1.242	0.932	1.451	0.728	1.207		
PPG-mD_Ant 0 TAS	0.722	1.148	0.948	0.864	0.942	0.964	1.435	0.972	1.356	0.899	0.899	0.958	1.930	0.949	1.334	1.142	1.951	0.899	1.377		
PPG-mD_Ant 0 TAS	0.676	0.997	0.811	0.737	0.795	0.817	1.298	0.833	1.299	0.762	0.748	0.822	1.383	0.802	1.177	0.998	1.424	0.748	1.239		
PPG-mD_Ant 0 TAS	0.734	1.158	0.953	0.884	0.954	0.976	1.437	0.955	1.358	0.911	0.907	0.970	1.942	0.951	1.336	1.156	1.953	0.907	1.309		
PPG-mD_Ant 0 TAS	0.679	1.165	0.909	0.861	0.898	0.921	1.372	0.920	1.313	0.856	0.852	0.916	1.857	0.905	1.291	1.098	1.899	0.852	1.334		
PPG-mD_Ant 0 TAS	0.634	1.042	0.848	0.782	0.850	0.872	1.319	0.861	1.261	0.807	0.803	0.858	1.836	0.857	1.232	1.050	1.859	0.804	1.283		
PPG-mT1_Ant 0 TAS	0.735	1.165	0.967	0.903	0.983	0.993	1.436	0.982	1.375	0.918	0.914	0.977	1.995	0.968	1.343	1.165	1.979	0.914	1.356		
PPG-mT1_Ant 0 TAS	0.293	0.678	0.419	0.431	0.472	0.496	0.948	0.464	0.887	0.430	0.436	0.499	1.061	0.460	0.846	0.673	1.062	0.426	0.908		

Grid peak location [mm]			Y [mm]	4.4	4.6	7.4	3.8	4.6	4.6	49.6	7.5	4.6	7.5	6.3	4.6	49.9	49.6	59.6	67	49.6	49.6	67.5
			Y [mm]	69.6	79.3	89.6	84.1	74.8	89.6	79.5	84.4	89.4	67.8	74.8	89.6	89.6	79.5	67	84.4	89.6	67.5	
			Z [mm]	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267
Y [mm]	Y [mm]	Z [mm]	Exposure Position	WiFi/5G SAR	21 GSM850_Ant 1 TAS	22 WCDMA V_Ant 1 TAS	23 LTE Band 12_Ant 1 TAS	24 LTE Band 13_Ant 1 TAS	25 LTE Band 14_Ant 1 TAS	26 LTE Band 26_Ant 1 Sub-TAS	27 LTE Band 30_Ant 1 TAS	28 LTE Band 66_Ant 1 Sub-TAS	29 LTE Band 71_Ant 1 TAS	30 LTE Band 71_Ant 3 TAS	31 PPS-mC_Ant 1 TAS	32 PPS-mC_Ant 3 TAS	33 PPG-mD_Ant 1 TAS	34 PPG-mD_Ant 3 Sub-TAS	35 PPG-mE_Ant 1 TAS	36 PPG-mE_Ant 3 Sub-TAS	37 PPG-mT1_Ant 1 TAS	38 PPG-mT1_Ant 3 Sub-TAS
			Rank	1g SAR (W/kg)	0.420	0.356	0.382	0.330	0.343	0.490	0.263	0.454	0.377	0.173	0.236	0.406	0.227	0.402	0.420	0.309	0.173	0.415
					2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results	2nd-2 SAR_Results	2nd-1 SAR_Results
-49.2	49.6	267	GSM850_Ant 0 TAS	0.470																		
-6.8	79.5	267	GSM850_Ant 2 TAS	0.468						0.26						0.25			0.42		0.41	
-4.8	89.3	267	WCDMA V_Ant 0 TAS	0.460						0.26						0.25			0.42		0.41	
-7.6	89.6	267	WCDMA V_Ant 2 TAS	0.734															0.42			
-33	82.1	267	WCDMA V_Ant 0 TAS	0.632																		
-43.5	79.5	267	LTE Band 12_Ant 0 TAS	0.679															0.43			
-44.5	89.6	267	LTE Band 13_Ant 0 TAS	0.549																		
-44.3	79.3	267	LTE Band 14_Ant 0 TAS	0.626																		
-44.7	82.6	267	LTE Band 26_Ant 0 TAS	0.535																		
-6.1	89.4	267	LTE Band 26_Ant 0 TAS	0.647												0.25			0.41			
-43.4	89.6	267	LTE Band 30_Ant 0 TAS	0.634																		
-33	82	267	LTE Band 66_Ant 0 TAS	0.625												0.25			0.41			
-43.5	79.5	267	LTE Band 66_Ant 0 TAS	0.638																		
-6.4	89.6	267	LTE Band 66_Ant 2 TAS	0.636																		
-49.2	79.1	267	LTE Band 71_Ant 0 TAS	0.214																		
-6.8	77.5	267	PPS-mC_Ant 0 TAS	0.756															0.41			
-33.7	89.6	267	PPG-mD_Ant 0 TAS	0.545																		
-33.7	89.6	267	PPG-mD_Ant 2 TAS	0.642																		
-6.8	89.1	267	PPG-mD_Ant 0 TAS	0.722															0.41			
-49	77.5	267	PPG-mE_Ant 0 TAS	0.676																		
-6.8	71	267	PPG-mE_Ant 0 TAS	0.734															0.41			
-33	79.5	267	PPG-mE_Ant 0 TAS	0.679															0.41			
-6.8	79.5	267	PPG-mE_Ant 0 TAS	0.634																		
-49.6	89.6	267	PPG-mT1_Ant 0 TAS	0.735															0.41			
-6.7	79.5	267	PPG-mT1_Ant 0 TAS	0.293																		

<Case 4>

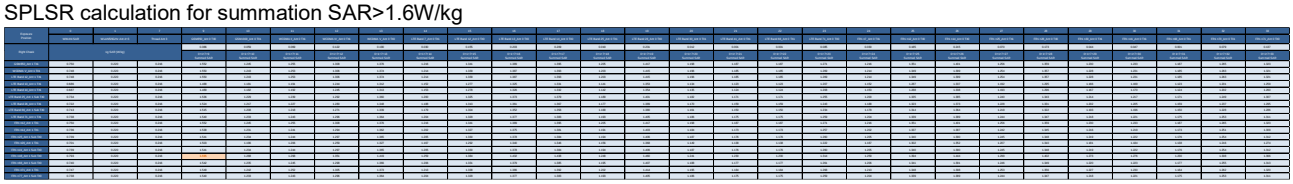
SPLSR calculation for summation SAR>1.6W/kg

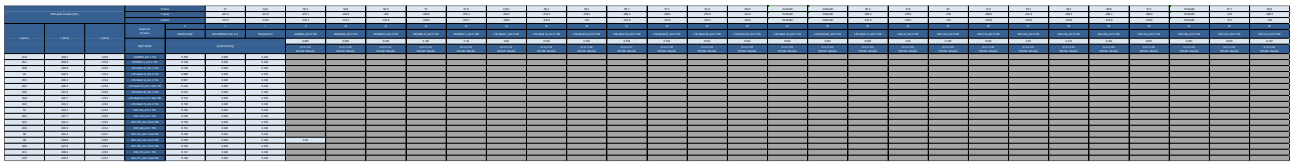
Exposure Position	0	9	10	11	12	13	14	15
	WWAN SAR	LTE Band 25_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
Back	1g SAR (W/kg)	0.489	0.568	0.609	0.635	0.755	0.536	0.357
		0+9 Summed SAR	0+10 Summed SAR	0+11 Summed SAR	0+12 Summed SAR	0+13 Summed SAR	0+14 Summed SAR	0+15 Summed SAR
GSM850_Ant 0 TX0	0.970	1.459	1.538	1.579	1.605	1.725	1.506	1.327
GSM1900_Ant 0 TX1	0.989	1.478	1.557	1.598	1.624	1.744	1.525	1.346
WCDMA II_Ant 0 TX1	0.992	1.481	1.560	1.601	1.627	1.747	1.528	1.349
WCDMA IV_Ant 0 TX1	0.739	1.228	1.307	1.348	1.374	1.494	1.275	1.096
WCDMA V_Ant 0 TX0	0.532	1.021	1.100	1.141	1.167	1.287	1.068	0.889
LTE Band 7_Ant 0 TX1	0.675	1.164	1.243	1.284	1.310	1.430	1.211	1.032
LTE Band 12_Ant 0 TX0	0.340	0.829	0.908	0.949	0.975	1.095	0.876	0.697
LTE Band 13_Ant 0 TX0	0.525	1.014	1.093	1.134	1.160	1.280	1.061	0.882
LTE Band 14_Ant 0 TX0	0.530	1.019	1.098	1.139	1.165	1.285	1.066	0.887
LTE Band 25_Ant 0 TX1	0.847	1.336	1.415	1.456	1.482	1.602	1.383	1.204
LTE Band 26_Ant 0 TX0	0.570	1.059	1.138	1.179	1.205	1.325	1.106	0.927
LTE Band 30_Ant 0 TX1	0.825	1.314	1.393	1.434	1.460	1.580	1.361	1.182
LTE Band 41_Ant 0 TX1	0.538	1.027	1.106	1.147	1.173	1.293	1.074	0.895
LTE Band 66_Ant 0 TX1	0.565	1.054	1.133	1.174	1.200	1.320	1.101	0.922
LTE Band 71_Ant 0 TX0	0.214	0.703	0.782	0.823	0.849	0.969	0.750	0.571
FR1 n7_Ant 0 TX1	0.756	1.245	1.324	1.365	1.391	1.511	1.292	1.113
FR1 n12_Ant 0 TX0	0.345	0.834	0.913	0.954	0.980	1.100	0.881	0.702
FR1 n14_Ant 0 TX0	0.552	1.041	1.120	1.161	1.187	1.307	1.088	0.909
FR1 n25_Ant 0 TX1	0.722	1.211	1.290	1.331	1.357	1.477	1.258	1.079
FR1 n26_Ant 0 TX0	0.575	1.064	1.143	1.184	1.210	1.330	1.111	0.932
FR1 n30_Ant 0 TX1	0.734	1.223	1.302	1.343	1.369	1.489	1.270	1.091
FR1 n41_Ant 0 TX1	0.679	1.168	1.247	1.288	1.314	1.434	1.215	1.036
FR1 n66_Ant 0 TX1	0.630	1.119	1.198	1.239	1.265	1.385	1.166	0.987
FR1 n70_Ant 0 TX1	0.741	1.230	1.309	1.350	1.376	1.496	1.277	1.098
FR1 n71_Ant 0 TX0	0.253	0.742	0.821	0.862	0.888	1.008	0.789	0.610

SAR peak location (mm)					X (axis)	-62.4	-64.1	-64.1	-62.4	-60	-42	-44
					Y (axis)	34.4	33.6	35.1	34.6	41.5	73.5	75
					Z (axis)	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0		9	10	11	12	13	14	15
				WWAN SAR		LTE Band 25_Ant 5 Sub TX1	LTE Band 66_Ant 5 Sub TX1	FR1 n25_Ant 5 Sub TX1	FR1 n66_Ant 5 Sub TX1	FR1 n41_Ant 5 Sub TX1	FR1 n48_Ant 5 Sub TX1	FR1 n77_Ant 5 Sub TX1
			Back	1g SAR (W/kg)		0.489	0.568	0.609	0.635	0.755	0.536	0.357
						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
-10.5	-83.6	-207	GSM850_Ant 0 TX0	0.970					0.02	0.02		
-5.6	-78.9	-207	GSM1900_Ant 0 TX1	0.989				0.02	0.02	0.02		
-4.6	-81.1	-207	WCDMA II_Ant 0 TX1	0.992				0.02	0.02	0.02		
-7.9	-80.9	-207	WCDMA IV_Ant 0 TX1	0.739								
-13	-82.1	-207	WCDMA V_Ant 0 TX0	0.532								
-13.5	-75.5	-207	LTE Band 7_Ant 0 TX1	0.675								
-14.5	-80.8	-207	LTE Band 12_Ant 0 TX0	0.340								
-11.4	-79.4	-207	LTE Band 13_Ant 0 TX0	0.525								
-14.7	-81.6	-207	LTE Band 14_Ant 0 TX0	0.530								
-6.1	-83.4	-207	LTE Band 25_Ant 0 TX1	0.847						0.01		
-13.4	-83.9	-207	LTE Band 26_Ant 0 TX0	0.570								
-11	-82	-207	LTE Band 30_Ant 0 TX1	0.825								
-12.5	-79.5	-207	LTE Band 41_Ant 0 TX1	0.538								
-5.4	-84.9	-207	LTE Band 66_Ant 0 TX1	0.565								
-16.2	-78.1	-207	LTE Band 71_Ant 0 TX0	0.214								
-6.5	-77.5	-207	FR1 n7_Ant 0 TX1	0.756								
-12.7	-84.6	-207	FR1 n12_Ant 0 TX0	0.345								
-11.7	-85.9	-207	FR1 n14_Ant 0 TX0	0.552								
-3.6	-83.1	-207	FR1 n25_Ant 0 TX1	0.722								
-10	-77.6	-207	FR1 n26_Ant 0 TX0	0.575								
-5.5	-71	-207	FR1 n30_Ant 0 TX1	0.734								
-13	-70.5	-207	FR1 n41_Ant 0 TX1	0.679								
-6.9	-79.9	-207	FR1 n66_Ant 0 TX1	0.630								
-10.4	-81.9	-207	FR1 n70_Ant 0 TX1	0.741								
-6.7	-78.3	-207	FR1 n71_Ant 0 TX0	0.253								

<Case 5>

SPLSR calculation for summation SAR>1.6W/kg





<Case 6>

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 2	WLAN5/6GHz 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
Right Cheek		1g SAR (W/kg)		0.353	0.427	0.277	0.769	0.443	0.583	0.406	0.411	0.760	0.413	0.502	0.749	0.340	0.309
				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 2 TX0	0.792	0.204	0.220	1.527	1.601	1.551	1.563	1.517	1.737	1.580	1.595	1.674	1.597	1.676	1.664	1.514	1.482
WCDMA V_Ant 2 TX0	0.748	0.204	0.220	1.525	1.599	1.549	1.560	1.515	1.735	1.578	1.593	1.672	1.595	1.674	1.662	1.512	1.480
LTE Band 12_Ant 2 TX0	0.748	0.204	0.220	1.525	1.599	1.549	1.560	1.515	1.735	1.578	1.593	1.672	1.595	1.674	1.662	1.512	1.480
LTE Band 13_Ant 2 TX0	0.686	0.204	0.220	1.463	1.537	1.487	1.498	1.454	1.674	1.516	1.531	1.610	1.533	1.612	1.600	1.450	1.418
LTE Band 14_Ant 2 TX0	0.687	0.204	0.220	1.464	1.538	1.488	1.499	1.454	1.675	1.517	1.532	1.611	1.534	1.613	1.601	1.451	1.419
LTE Band 25_Ant 1 Sub TX0	0.734	0.204	0.220	1.511	1.585	1.535	1.546	1.501	1.721	1.564	1.568	1.658	1.571	1.650	1.639	1.498	1.466
LTE Band 26_Ant 2 TX0	0.722	0.204	0.220	1.499	1.573	1.523	1.534	1.489	1.709	1.552	1.557	1.646	1.559	1.638	1.626	1.486	1.454
LTE Band 66_Ant 1 Sub TX0	0.713	0.204	0.220	1.490	1.564	1.514	1.525	1.480	1.700	1.543	1.548	1.637	1.550	1.629	1.617	1.477	1.445
LTE Band 71_Ant 1 TX0	0.738	0.204	0.220	1.515	1.589	1.539	1.550	1.505	1.725	1.568	1.573	1.662	1.575	1.654	1.642	1.502	1.470
FR1 n12_Ant 1 TX0	0.750	0.204	0.220	1.527	1.601	1.551	1.562	1.517	1.737	1.580	1.585	1.674	1.587	1.676	1.664	1.514	1.482
FR1 n14_Ant 1 TX0	0.738	0.204	0.220	1.513	1.587	1.537	1.548	1.503	1.723	1.566	1.571	1.660	1.573	1.652	1.640	1.500	1.468
FR1 n41_Ant 1 Sub TX0	0.738	0.204	0.220	1.516	1.590	1.540	1.551	1.506	1.726	1.569	1.574	1.663	1.576	1.655	1.643	1.503	1.471
FR1 n48_Ant 1 Sub TX0	0.750	0.204	0.220	1.570	1.644	1.594	1.605	1.560	1.780	1.623	1.628	1.717	1.630	1.719	1.707	1.557	1.525
FR1 n66_Ant 1 Sub TX0	0.748	0.204	0.220	1.527	1.601	1.551	1.562	1.517	1.737	1.580	1.585	1.674	1.587	1.676	1.664	1.514	1.482
FR1 n70_Ant 1 TX0	0.747	0.204	0.220	1.524	1.598	1.548	1.559	1.514	1.734	1.577	1.582	1.671	1.584	1.673	1.661	1.511	1.479
FR1 n77_Ant 1 Sub TX0	0.738	0.204	0.220	1.515	1.589	1.539	1.550	1.505	1.725	1.568	1.573	1.662	1.575	1.654	1.642	1.502	1.470

SAR peak location (mm)				X (inch)			58	47	56.8	57.3	58.5	55.7	55.2	55.1	55.7	57.1	54.4	54.8	56.8	52.2	55.7	57.6
				Y (inch)			-27.9	-22.3	-29.1	-34.8	-34.2	-34.8	-37.6	-36.4	-32.9	-38	-29.8	-24.7	-22.7	-27.1	-24.1	-34.6
				Z (inch)			-179.9	-179.2	-177.1	-176.8	-176.8	-174.3	-173.9	-174.1	-179.9	-177	-177.7	-177.2	-177.3	-176.3	-177.3	-177.2
X (inch)	Y (inch)	Z (inch)	Exposure Position		WWAN SAR	WLAN2.4GHz Ant 2	WLAN5/6GHz Ant 0+3	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			Right Cheek		1g SAR (W/kg)			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	
								0.353	0.427	0.277	0.769	0.443	0.583	0.406	0.411	0.760	0.413	0.502	0.749	0.340	0.309	
								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	
21.9	329.1	-174.6	GSM850_Ant 1 TX0	0.792	0.204	0.220																
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX0	0.748	0.204	0.220				0.03				0.03		0.03						
24.9	-336.9	-174.3	LTE Band 12_Ant 1 TX0	0.748	0.204	0.220				0.03				0.03		0.03						
22	-332.5	-174.4	LTE Band 13_Ant 1 TX0	0.686	0.204	0.220								0.03		0.03						
20.5	-335.4	-174.4	LTE Band 14_Ant 1 TX0	0.687	0.204	0.220								0.03		0.03						
24.1	-336.5	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.204	0.220				0.03				0.03	0.03	0.03						
23.9	-337.5	-174.4	LTE Band 66_Ant 1 TX0	0.713	0.204	0.220								0.03		0.03						
23.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.204	0.220				0.03				0.03		0.03						
24.3	-331.3	-174.3	LTE Band 71_Ant 1 TX0	0.738	0.204	0.220				0.03	0.03	0.03		0.03		0.03						
1.6	-329.3	-174.2	FR1 n12_Ant 1 TX0	0.750	0.204	0.220		0.03		0.03	0.03	0.03		0.03		0.03						
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX0	0.738	0.204	0.220				0.03	0.03	0.03		0.03		0.03						
24.2	-331.4	-174.2	FR1 n66_Ant 1 Sub TX0	0.738	0.204	0.220				0.03	0.03	0.03		0.03		0.03						
22.6	-332.9	-174.4	FR1 n48_Ant 1 TX0	0.705	0.204	0.220				0.03		0.03		0.03		0.03						
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.738	0.204	0.220				0.03	0.03	0.03		0.03		0.03						
38	-328.9	-174.5	FR1 n66_Ant 1 Sub TX0	0.748	0.204	0.220		0.03		0.03	0.03	0.03		0.03	0.03	0.03						
39.6	-327.9	-174.3	FR1 n66_Ant 1 Sub TX0	0.748	0.204	0.220				0.03	0.03	0.03		0.03		0.03						
22.1	-330.9	-174.5	FR1 n70_Ant 1 TX0	0.747	0.204	0.220		0.03		0.03	0.03	0.03		0.03		0.03						
41.6	-326.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.204	0.220				0.03	0.03	0.03		0.03		0.03						

<Case 7>

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 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
Right Cheek		1g SAR (W/kg)		0.353	0.427	0.277	0.769	0.443	0.583	0.406	0.411	0.760	0.413	0.502	0.749	0.340	0.309
				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 2 TX0	0.792	0.011	0.220	1.352	1.426	1.376	1.387	1.344	1.562	1.407	1.412	1.499	1.414	1.502	1.489	1.342	1.309
WCDMA V_Ant 2 TX0	0.748	0.011	0.220	1.352	1.426	1.376	1.387	1.342	1.562	1.405	1.412	1.499	1.412	1.501	1.489	1.339	1.307
LTE Band 12_Ant 2 TX0	0.748	0.011	0.220	1.352	1.426	1.376	1.387	1.342	1.562	1.405	1.412	1.499	1.412	1.501	1.489	1.339	1.307
LTE Band 13_Ant 2 TX0	0.686	0.011	0.220	1.290	1.364	1.314	1.325	1.280	1.500	1.343	1.348	1.437	1.350	1.439	1.427	1.277	1.245
LTE Band 14_Ant 2 TX0	0.687	0.011	0.220	1.291	1.365	1.315	1.326	1.281	1.501	1.344	1.349	1.438	1.351	1.440	1.428	1.278	1.246
LTE Band 25_Ant 1 Sub TX0	0.734	0.011	0.220	1.338	1.412	1.362	1.373	1.328	1.548	1.391	1.396	1.485	1.398	1.487	1.475	1.325	1.293
LTE Band 26_Ant 2 TX0	0.722	0.011	0.220	1.326	1.400	1.350	1.361	1.316	1.536	1.379	1.384	1.473	1.386	1.475	1.463	1.313	1.281
LTE Band 66_Ant 1 Sub TX0	0.713	0.011	0.220	1.317	1.391	1.341	1.352	1.307	1.527	1.370	1.375	1.464	1.377	1.466	1.454	1.304	1.272
LTE Band 71_Ant 1 TX0	0.738	0.011	0.220	1.342	1.416	1.366	1.377	1.332	1.572	1.395	1.400	1.489	1.402	1.491	1.479	1.329	1.297
FR1 n12_Ant 1 TX0	0.750	0.011	0.220	1.354	1.428	1.378	1.389	1.344	1.564	1.407	1.412	1.501	1.414	1.503	1.491	1.341	1.309
FR1 n14_Ant 1 TX0	0.738	0.011	0.220	1.340	1.414	1.364	1.375	1.330	1.570	1.393	1.398	1.487	1.400	1.489	1.477	1.327	1.295
FR1 n25_Ant 1 Sub TX0	0.738	0.011	0.220	1.343	1.417	1.367	1.378	1.333	1.573	1.396	1.401	1.490	1.403	1.492	1.480	1.330	1.298
FR1 n26_Ant 1 TX0	0.701	0.011	0.220	1.305	1.379	1.329	1.340	1.295	1.535	1.358	1.363	1.452	1.365	1.454	1.442	1.292	1.260
FR1 n41_Ant 1 Sub TX0	0.738	0.011	0.220	1.343	1.417	1.367	1.378	1.333	1.573	1.396	1.401	1.490	1.403	1.492	1.480	1.330	1.298
FR1 n48_Ant 1 Sub TX0	0.750	0.011	0.220	1.397	1.471	1.421	1.432	1.387	1.627	1.450	1.455	1.544	1.457	1.546	1.534	1.384	1.352
FR1 n66_Ant 1 Sub TX0	0.748	0.011	0.220	1.344	1.418	1.368	1.379	1.334	1.574	1.397	1.402	1.491	1.404	1.493	1.481	1.331	1.299
FR1 n70_Ant 1 TX0	0.747	0.011	0.220	1.351	1.425	1.375	1.386	1.341	1.581	1.404	1.409	1.498	1.411	1.500	1.488	1.338	1.306
FR1 n77_Ant 1 Sub TX0	0.738	0.011	0.220	1.343	1.416	1.366	1.377	1.332	1.572	1.395	1.400	1.489	1.402	1.491	1.479	1.329	1.297

SAR peak location (mm)				X (inch)			58.8	47.1	56.8	57.3	58.5	55.7	55.2	55.1	55.7	57.1	54.4	54.8	56.8	52.2	55.7	57.6
				Y (inch)			-22.3	-22.3	-29.1	-34.8	-34.2	-34.8	-37.6	-36.4	-32.9	-38	-29.8	-24.7	-22.7	-27.1	-24.1	-34.6
				Z (inch)			-179.8	-179.2	-177.1	-176.8	-176.8	-174.3	-173.9	-174.1	-179.9	-177	-177.7	-177.2	-177.3	-176.3	-177.3	-177.2
X (inch)	Y (inch)	Z (inch)	Exposure Position		WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 0+3	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
			Right Cheek		1g SAR (W/kg)			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	
								0.353	0.427	0.277	0.769	0.443	0.583	0.406	0.411	0.760	0.413	0.502	0.749	0.340	0.309	
								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	
21.9	329.1	-174.6	GSM850_Ant 1 TX0	0.792	0.011	0.220				0.03				0.03								
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX0	0.748	0.011	0.220				0.03				0.03		0.03						
24.9	-336.9	-174.3	LTE Band 12_Ant 1 TX0	0.748	0.011	0.220				0.03				0.03		0.03						
22	-332.5	-174.4	LTE Band 13_Ant 1 TX0	0.686	0.011	0.220				0.03				0.03		0.03						
20.5	-335.4	-174.4	LTE Band 14_Ant 1 TX0	0.687	0.011	0.220				0.03				0.03		0.03						
24.1	-336.5	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.011	0.220				0.03				0.03	0.03	0.03						
23.9	-337.5	-174.4	LTE Band 66_Ant 1 TX0	0.713	0.011	0.220				0.03				0.03		0.03						
23.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.011	0.220				0.03				0.03		0.03						
24.3	-331.3	-174.3	LTE Band 71_Ant 1 TX0	0.738	0.011	0.220				0.03	0.03	0.03		0.03		0.03						
1.6	-329.3	-174.2	FR1 n12_Ant 1 TX0	0.750	0.011	0.220		0.03		0.03	0.03	0.03		0.03		0.03						
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX0	0.738	0.011	0.220				0.03	0.03	0.03		0.03		0.03						
24.2	-331.4	-174.2	FR1 n66_Ant 1 Sub TX0	0.738	0.011	0.220				0.03	0.03	0.03		0.03		0.03						
22.6	-332.9	-174.4	FR1 n48_Ant 1 TX0	0.705	0.011	0.220				0.03		0.03		0.03		0.03						
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.738	0.011	0.220				0.03	0.03	0.03		0.03		0.03						
38	-328.9	-174.5	FR1 n66_Ant 1 Sub TX0	0.748	0.011	0.220		0.03		0.03	0.03	0.03		0.03	0.03	0.03						
39.6	-327.9	-174.3	FR1 n66_Ant 1 Sub TX0	0.748	0.011	0.220				0.03	0.03	0.03		0.03		0.03						
22.1	-330.9	-174.5	FR1 n70_Ant 1 TX0	0.747	0.011	0.220		0.03		0.03	0.03	0.03		0.03		0.03						
41.6	-326.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.011	0.220				0.03	0.03	0.03		0.03		0.03						

<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 0+3	WLAN5/6GHz 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
Right Cheek	1g SAR (W/kg)			0.353	0.427	0.277	0.769	0.443	0.583	0.456	0.411	0.790	0.413	0.553	0.719	0.340	0.369
				0+0+3+9 Summed SAR	0+0+3+10 Summed SAR	0+0+3+11 Summed SAR	0+0+3+12 Summed SAR	0+0+3+13 Summed SAR	0+0+3+14 Summed SAR	0+0+3+15 Summed SAR	0+0+3+16 Summed SAR	0+0+3+17 Summed SAR	0+0+3+18 Summed SAR	0+0+3+19 Summed SAR	0+0+3+20 Summed SAR	0+0+3+21 Summed SAR	0+0+3+22 Summed SAR
GSM850_Ant 3 TX	0.792	0.159	0.220	1.481	1.505	1.505	1.836	1.571	1.731	1.534	1.538	1.809	1.541	1.636	1.836	1.468	1.636
WCDMA V_Ant 1 TX	0.748	0.159	0.220	1.479	1.553	1.553	1.834	1.569	1.709	1.532	1.537	1.829	1.539	1.639	1.836	1.466	1.634
LTE Band 12_Ant 1 TX0	0.748	0.159	0.220	1.479	1.553	1.553	1.834	1.569	1.709	1.532	1.537	1.829	1.539	1.639	1.836	1.466	1.634
LTE Band 13_Ant 2 TX0	0.686	0.159	0.220	1.417	1.491	1.491	1.772	1.507	1.647	1.470	1.475	1.764	1.477	1.596	1.778	1.404	1.572
LTE Band 14_Ant 3 TX0	0.687	0.159	0.220	1.418	1.492	1.492	1.773	1.508	1.648	1.471	1.476	1.765	1.478	1.597	1.779	1.405	1.573
LTE Band 26_Ant 1 Sub TX0	0.734	0.159	0.220	1.465	1.539	1.489	1.820	1.555	1.695	1.518	1.523	1.812	1.525	1.634	1.822	1.452	1.620
LTE Band 26_Ant 3 TX0	0.722	0.159	0.220	1.452	1.527	1.477	1.808	1.543	1.683	1.506	1.511	1.800	1.513	1.622	1.810	1.440	1.608
LTE Band 66_Ant 1 Sub TX0	0.713	0.159	0.220	1.444	1.518	1.468	1.799	1.534	1.674	1.497	1.502	1.791	1.504	1.613	1.801	1.431	1.599
LTE Band 71_Ant 1 TX0	0.738	0.159	0.220	1.489	1.543	1.493	1.844	1.559	1.699	1.522	1.527	1.819	1.529	1.638	1.836	1.456	1.624
FR1 n12_Ant 1 TX	0.750	0.159	0.220	1.481	1.505	1.505	1.836	1.571	1.731	1.534	1.538	1.809	1.541	1.636	1.836	1.468	1.636
FR1 n14_Ant 3 TX	0.736	0.159	0.220	1.467	1.541	1.491	1.822	1.557	1.697	1.520	1.525	1.814	1.527	1.636	1.824	1.454	1.622
FR1 n25_Ant 3 Sub TX0	0.738	0.159	0.220	1.470	1.544	1.494	1.825	1.560	1.700	1.523	1.528	1.817	1.530	1.639	1.827	1.457	1.625
FR1 n26_Ant 1 TX	0.706	0.159	0.220	1.432	1.506	1.456	1.787	1.522	1.662	1.485	1.490	1.779	1.492	1.591	1.789	1.418	1.587
FR1 n41_Ant 1 Sub TX0	0.738	0.159	0.220	1.470	1.544	1.494	1.825	1.560	1.700	1.523	1.528	1.817	1.530	1.639	1.827	1.457	1.625
FR1 n48_Ant 3 Sub TX0	0.750	0.159	0.220	1.524	1.598	1.548	1.879	1.614	1.754	1.577	1.582	1.871	1.584	1.673	1.881	1.511	1.679
FR1 n66_Ant 3 Sub TX0	0.748	0.159	0.220	1.524	1.598	1.548	1.879	1.614	1.754	1.577	1.582	1.871	1.584	1.673	1.881	1.511	1.679
FR1 n70_Ant 1 TX0	0.747	0.159	0.220	1.478	1.552	1.502	1.833	1.568	1.708	1.531	1.536	1.829	1.538	1.647	1.835	1.465	1.633
FR1 n77_Ant 1 Sub TX0	0.738	0.159	0.220	1.489	1.543	1.493	1.844	1.559	1.699	1.522	1.527	1.819	1.529	1.638	1.836	1.456	1.624

SAR peak location (mm)				X (left)			56.4	47	56.8	57.3	56.6	53.7	55.2	55.1	53.7	57.1	54.4	54.8	55.6	52.2	55.7	57.6
				Y (back)			-29.2	-32.3	-39.1	-34.8	-32.2	-39.8	-37.6	-36.4	-32.8	-38	-39.8	-43.7	-32.7	-37.1	-34.1	-34.4
				Z (back)			-75.2	-75.2	-73.4	-77.1	-76.8	-74.3	-73.9	-73.1	-76.9	-77	-77.7	-77.2	-77.3	-73.3	-77.3	-77.2
			Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Y (left)	Y (axis)	Z (left)		WWAN SAR	WLAN2.4GHz Ant 0+3	WLAN5/6GHz 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		
			Right Cheek	1g SAR (W/kg)			0.353	0.427	0.277	0.769	0.443	0.583	0.456	0.411	0.790	0.413	0.553	0.719	0.340	0.369		
							0+0+3+9 SPLSR Results	0+0+3+10 SPLSR Results	0+0+3+11 SPLSR Results	0+0+3+12 SPLSR Results	0+0+3+13 SPLSR Results	0+0+3+14 SPLSR Results	0+0+3+15 SPLSR Results	0+0+3+16 SPLSR Results	0+0+3+17 SPLSR Results	0+0+3+18 SPLSR Results	0+0+3+19 SPLSR Results	0+0+3+20 SPLSR Results	0+0+3+21 SPLSR Results	0+0+3+22 SPLSR Results	
21.9	-329.1	-274.6	GSM850_Ant 3 TX	0.792	0.159	0.220						0.56		0.54				0.59	0.56			
25.1	-334.9	-274.3	WCDMA V_Ant 1 TX	0.748	0.159	0.220						0.56		0.54				0.59	0.56			
16.9	-326.9	-274.3	LTE Band 12_Ant 1 TX0	0.748	0.159	0.220						0.56		0.54				0.59	0.56			
22	-332.5	-274.3	LTE Band 12_Ant 1 TX0	0.686	0.159	0.220						0.56		0.54					0.56			
20.5	-336.4	-274.4	LTE Band 13_Ant 2 TX0	0.687	0.159	0.220						0.56		0.55					0.56			
26.1	-336.3	-274.3	LTE Band 14_Ant 3 TX0	0.734	0.159	0.220						0.56		0.55				0.59	0.56			
24.1	-336.3	-274.3	LTE Band 26_Ant 1 Sub TX0	0.722	0.159	0.220						0.56		0.55				0.59	0.56			
22.6	-337.9	-274.6	LTE Band 26_Ant 3 TX0	0.722	0.159	0.220						0.56		0.55				0.59	0.56			
21.8	-331.7	-274.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.159	0.220						0.56		0.54				0.59	0.56			
24.3	-331.3	-274.3	LTE Band 71_Ant 1 TX0	0.738	0.159	0.220						0.56		0.54				0.59	0.56			
12	-323.3	-274.2	FR1 n12_Ant 1 TX	0.750	0.159	0.220						0.56		0.54				0.59	0.56			
20.2	-327.7	-274.5	FR1 n14_Ant 3 TX	0.736	0.159	0.220						0.56		0.54				0.59	0.56			
19.2	-331.2	-274.2	FR1 n25_Ant 3 Sub TX0	0.738	0.159	0.220						0.56		0.54				0.59	0.56			
22.6	-332.9	-275.6	FR1 n26_Ant 1 TX	0.701	0.158	0.220						0.56		0.53					0.56			
39	-331.2	-274.7	FR1 n41_Ant 1 Sub TX0	0.738	0.159	0.220						0.56		0.54				0.59	0.56			
38	-328.8	-274.5	FR1 n48_Ant 3 Sub TX0	0.750	0.159	0.220			0.23			0.56	0.23	0.54				0.59	0.56			
38.6	-327.9	-274.3	FR1 n66_Ant 3 Sub TX0	0.748	0.159	0.220						0.56		0.54				0.59	0.56			
22.1	-330.9	-274.5	FR1 n70_Ant 1 TX0	0.747	0.159	0.220						0.56		0.54				0.59	0.56			
12.6	-326.5	-274.1	FR1 n77_Ant 1 Sub TX0	0.738	0.159	0.220						0.56		0.54				0.59	0.56			

<Case 9>

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 0+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)			0.353	0.427	0.277	0.769	0.443	0.583	0.456	0.411	0.790	0.413	0.553	0.719	0.340	0.369
				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 3 TX	0.792	0.220	0.203	1.524	1.598	1.548	1.879	1.614	1.754	1.577	1.582	1.871	1.584	1.673	1.881	1.513	1.681
WCDMA V_Ant 1 TX	0.748	0.220	0.203	1.524	1.598	1.548	1.879	1.614	1.754	1.577	1.582	1.871	1.584	1.673	1.881	1.511	1.679
LTE Band 12_Ant 1 TX0	0.748	0.220	0.203	1.524	1.598	1.548	1.879	1.614	1.754	1.577	1.582	1.871	1.584	1.673	1.881	1.511	1.679
LTE Band 13_Ant 2 TX0	0.686	0.220	0.203	1.462	1.536	1.486	1.817	1.552	1.692	1.515	1.520	1.809	1.522	1.611	1.819	1.449	1.617
LTE Band 14_Ant 3 TX0	0.687	0.220	0.203	1.463	1.537	1.487	1.818	1.553	1.693	1.516	1.521	1.810	1.523	1.612	1.820	1.450	1.618
LTE Band 26_Ant 1 Sub TX0	0.734	0.220	0.203	1.510	1.584	1.534	1.865	1.600	1.740	1.563	1.568	1.857	1.570	1.659	1.867	1.497	1.665
LTE Band 26_Ant 3 TX0	0.722	0.220	0.203	1.498	1.572	1.522	1.853	1.588	1.728	1.551	1.556	1.845	1.558	1.647	1.855	1.485	1.653
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.203	1.489	1.563	1.513	1.844	1.579	1.719	1.542	1.547	1.836	1.549	1.638	1.846	1.476	1.644
LTE Band 71_Ant 1 TX0	0.738	0.220	0.203	1.514	1.588	1.538	1.869	1.604	1.744	1.567	1.573	1.861	1.574	1.662	1.871	1.501	1.669
FR1 n12_Ant 1 TX	0.750	0.220	0.203	1.526	1.600	1.550	1.881	1.616	1.756	1.579	1.584	1.873	1.586	1.675	1.883	1.513	1.681
FR1 n14_Ant 3 TX	0.736	0.220	0.203	1.512	1.586	1.536	1.867	1.602	1.742	1.565	1.570	1.859	1.572	1.661	1.869	1.499	1.667
FR1 n25_Ant 3 Sub TX0	0.738	0.220	0.203	1.515	1.589	1.539	1.870	1.605	1.745	1.568	1.573	1.862	1.575	1.664	1.872	1.502	1.670
FR1 n26_Ant 1 TX	0.706	0.220	0.203	1.477	1.551	1.501	1.822	1.567	1.707	1.530	1.535	1.824	1.537	1.626	1.834	1.464	1.632
FR1 n41_Ant 1 Sub TX0	0.738	0.220	0.203	1.515	1.589	1.539	1.870	1.605	1.745	1.568	1.573	1.862	1.575	1.664	1.872	1.502	1.670
FR1 n48_Ant 3 Sub TX0	0.750	0.220	0.203	1.589	1.663	1.563	1.944	1.669	1.769	1.592	1.597	1.936	1.599	1.738	1.946	1.556	1.724
FR1 n66_Ant 3 Sub TX0	0.748	0.220	0.203	1.516	1.590	1.540	1.871	1.686	1.746	1.569	1.574	1.863	1.576	1.665	1.873	1.503	1.671
FR1 n70_Ant 1 TX0	0.747	0.220	0.203	1.523	1.597	1.547	1.878	1.613	1.753	1.576	1.581	1.870	1.583	1.672	1.880	1.510	1.678
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.203	1.514	1.588	1.538	1.869	1.604	1.744	1.567	1.572	1.861	1.574	1.663	1.871	1.501	1.669

SAR peak location (mm)				X (left)			47	33.5	56.8	57.3	56.6	53.7	55.2	55.1	53.7	57.1	54.4	54.8	55.6	52.2	55.7	57.6
				Y (back)			-32.3	-33.9	-39.1	-34.8	-32.2	-39.8	-37.6	-36.4	-32.8	-38	-39.8	-43.7	-32.7	-37.1	-34.1	-34.4
				Z (back)			-75.2	-74.2	-73.4	-77.1	-76.8	-74.3	-73.9	-73.1	-76.9	-77	-77.7	-77.2	-77.3	-73.3	-77.3	-77.2
			Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Y (left)	Y (axis)	Z (left)		WWAN SAR	WLAN5/6GHz Ant 0+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)			0.353	0.427	0.277	0.769	0.443	0.583	0.456	0.411	0.790	0.413	0.553	0.719	0.340	0.369		
							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	
21.9	-329.1	-274.6	GSM850_Ant 3 TX	0.792	0.220	0.203				0.03		0.03	0.03	0.03				0.03		0.03	0.03	
25.1	-334.9	-274.3	WCDMA V_Ant 1 TX	0.748	0.220	0.203				0.03		0.03	0.03	0.03				0.03		0.03	0.03	
16.9	-326.9	-274.3	LTE Band 12_Ant 1 TX0	0.748	0.220	0.203				0.03		0.03	0.03	0.03				0.03		0.03	0.03	
22	-332.5	-274.3	LTE Band 12_Ant 1 TX0	0.686	0.220	0.203						0.03		0.03				0.03		0.03	0.03	
20.5	-336.4	-274.4	LTE Band 13_Ant 2 TX0	0.687	0.220	0.203						0.03		0.03				0.03		0.03	0.03	
26.1	-336.3	-274.3	LTE Band 14_Ant 3 TX0	0.734	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	
24.1	-336.3	-274.3	LTE Band 26_Ant 1 Sub TX0	0.722	0.220	0.203						0.03		0.03				0.03		0.03	0.03	
22.6	-337.9	-274.6	LTE Band 26_Ant 3 TX0	0.722	0.220	0.203						0.03		0.03				0.03		0.03	0.03	
21.8	-331.7	-274.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.203						0.03		0.03				0.03		0.03	0.03	
24.3	-331.3	-274.3	LTE Band 71_Ant 1 TX0	0.738	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	
12	-323.3	-274.2	FR1 n12_Ant 1 TX	0.750	0.220	0.203			0.03			0.03	0.03	0.03				0.03		0.03	0.03	
20.2	-327.7	-274.5	FR1 n14_Ant 3 TX	0.736	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	
19.2	-331.2	-274.2	FR1 n25_Ant 3 Sub TX0	0.738	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	
22.6	-332.9	-275.6	FR1 n26_Ant 1 TX	0.701	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	
39	-331.2	-274.7	FR1 n41_Ant 1 Sub TX0	0.738	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	
38	-328.8	-274.5	FR1 n48_Ant 3 Sub TX0	0.750	0.220	0.203			0.03			0.03	0.03	0.03	0.03	0.03	0.03	0.03		0.03	0.03	
38.6	-327.9	-274.3	FR1 n66_Ant 3 Sub TX0	0.748	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	
22.1	-330.9	-274.5	FR1 n70_Ant 1 TX0	0.747	0.220	0.203			0.03			0.03	0.03	0.03				0.03		0.03	0.03	
12.6	-326.5	-274.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.203						0.03	0.03	0.03				0.03		0.03	0.03	

<Case 10>

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	WLAN/BT/GHz Ant A+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)			0.353 0+2+7+9 Summed SAR	0.427 0+2+7+10 Summed SAR	0.277 0+2+7+11 Summed SAR	0.709 0+2+7+12 Summed SAR	0.443 0+2+7+13 Summed SAR	0.583 0+2+7+14 Summed SAR	0.466 0+2+7+15 Summed SAR	0.411 0+2+7+16 Summed SAR	0.700 0+2+7+17 Summed SAR	0.413 0+2+7+18 Summed SAR	0.553 0+2+7+19 Summed SAR	0.719 0+2+7+20 Summed SAR	0.340 0+2+7+21 Summed SAR	0.369 0+2+7+22 Summed SAR
GSM850_Ant 1 TX	0.792	0.220	0.054	1.279	1.453	1.403	1.734	1.469	1.699	1.432	1.427	1.756	1.438	1.526	1.734	1.366	1.314
WCDMA V_Ant 1 TX	0.748	0.220	0.054	1.277	1.451	1.401	1.732	1.467	1.697	1.430	1.425	1.754	1.437	1.526	1.734	1.364	1.312
LTE Band 12_Ant 1 TX0	0.748	0.220	0.054	1.277	1.451	1.401	1.732	1.467	1.697	1.430	1.425	1.753	1.437	1.526	1.734	1.364	1.312
LTE Band 13_Ant 2 TX0	0.686	0.220	0.054	1.315	1.399	1.339	1.670	1.405	1.646	1.399	1.373	1.662	1.375	1.464	1.672	1.302	1.270
LTE Band 14_Ant 1 TX0	0.687	0.220	0.054	1.316	1.399	1.340	1.671	1.406	1.646	1.399	1.374	1.663	1.376	1.465	1.673	1.303	1.271
LTE Band 26_Ant 1 Sub TX0	0.734	0.220	0.054	1.363	1.437	1.387	1.718	1.453	1.693	1.416	1.421	1.710	1.423	1.512	1.720	1.350	1.318
LTE Band 26_Ant 2 TX0	0.722	0.220	0.054	1.351	1.425	1.375	1.706	1.441	1.681	1.404	1.409	1.698	1.411	1.500	1.708	1.338	1.306
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.054	1.342	1.416	1.366	1.697	1.432	1.672	1.396	1.406	1.689	1.402	1.491	1.699	1.329	1.297
LTE Band 71_Ant 1 TX0	0.738	0.220	0.054	1.387	1.441	1.396	1.722	1.457	1.687	1.430	1.425	1.734	1.427	1.516	1.724	1.354	1.322
FR1 n2_Ant 1 TX	0.792	0.220	0.054	1.279	1.453	1.403	1.734	1.469	1.699	1.432	1.427	1.756	1.438	1.526	1.736	1.366	1.314
FR1 n14_Ant 1 TX	0.738	0.220	0.054	1.365	1.439	1.389	1.720	1.455	1.695	1.418	1.423	1.712	1.425	1.514	1.722	1.352	1.320
FR1 n30_Ant 1 Sub TX0	0.738	0.220	0.054	1.368	1.442	1.392	1.723	1.458	1.698	1.421	1.426	1.715	1.428	1.517	1.725	1.355	1.323
FR1 n26_Ant 1 TX	0.756	0.220	0.054	1.330	1.404	1.354	1.685	1.420	1.660	1.383	1.388	1.677	1.390	1.479	1.687	1.317	1.285
FR1 n41_Ant 1 Sub TX0	0.738	0.220	0.054	1.368	1.442	1.392	1.723	1.458	1.698	1.421	1.426	1.715	1.428	1.517	1.725	1.355	1.323
FR1 n48_Ant 1 Sub TX0	0.760	0.220	0.054	1.422	1.466	1.446	1.777	1.512	1.432	1.475	1.480	1.769	1.482	1.571	1.779	1.409	1.377
FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.054	1.389	1.463	1.393	1.724	1.459	1.699	1.422	1.427	1.716	1.428	1.518	1.726	1.356	1.324
FR1 n70_Ant 1 TX	0.747	0.220	0.054	1.376	1.450	1.400	1.731	1.464	1.696	1.429	1.434	1.723	1.436	1.525	1.733	1.363	1.331
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.054	1.367	1.441	1.391	1.722	1.457	1.687	1.420	1.425	1.714	1.427	1.516	1.724	1.354	1.322

SAR peak location (mm)				X (left)			-47	-47	56.8	57.3	56.5	55.7	55.2	55.1	55.7	57.1	56.3	56.8	56.6	52.2	55.7	57.6
				Y (left)			-22.3	-78.3	-39.1	-34.8	-58.2	-39.8	-47.6	-39.4	-32.9	-39	-39.8	-43.7	-22.7	-37.1	-39.1	-34.4
				Z (left)			-15.4	-16.6	-17.4	-17.1	-17.8	-17.4	-17.9	-17.1	-19.4	-17.7	-17.4	-17.3	-16.8	-15.3	-17.3	-17.2
			Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (left)	Y (left)	Z (left)		WWAN SAR	WLAN/BT/GHz Ant A+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)			0.353 0+2+7+9 SPLSR Results	0.427 0+2+7+10 SPLSR Results	0.277 0+2+7+11 SPLSR Results	0.709 0+2+7+12 SPLSR Results	0.443 0+2+7+13 SPLSR Results	0.583 0+2+7+14 SPLSR Results	0.466 0+2+7+15 SPLSR Results	0.411 0+2+7+16 SPLSR Results	0.700 0+2+7+17 SPLSR Results	0.413 0+2+7+18 SPLSR Results	0.553 0+2+7+19 SPLSR Results	0.719 0+2+7+20 SPLSR Results	0.340 0+2+7+21 SPLSR Results	0.369 0+2+7+22 SPLSR Results
21.9	-326.1	-214.6	GSM850_Ant 1 TX	0.792	0.220	0.054						0.56		0.59			0.56			0.56		
25.1	-334.9	-214.3	WCDMA V_Ant 1 TX	0.748	0.220	0.054						0.55		0.55			0.56			0.56		
16.9	-326.9	-214.3	LTE Band 12_Ant 1 TX0	0.748	0.220	0.054						0.56		0.55			0.56			0.56		
22	-332.5	-214.3	LTE Band 13_Ant 2 TX0	0.686	0.220	0.054						0.56					0.56			0.56		
20.5	-335.4	-214.4	LTE Band 14_Ant 1 TX0	0.687	0.220	0.054						0.56					0.55			0.56		
24.1	-336.3	-214.3	LTE Band 26_Ant 1 Sub TX0	0.734	0.220	0.054						0.56					0.56			0.56		
23.9	-327.9	-214.3	LTE Band 26_Ant 2 TX0	0.722	0.220	0.054						0.56					0.56			0.56		
19.8	-327.4	-214.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.054						0.56					0.56			0.56		
19.1	-331.7	-214.1	LTE Band 71_Ant 1 TX0	0.738	0.220	0.054						0.56					0.56			0.56		
24.3	-331.3	-214.3	FR1 n2_Ant 1 TX	0.792	0.220	0.054						0.56		0.59			0.56			0.56		
12	-323.3	-214.2	FR1 n14_Ant 1 TX	0.738	0.220	0.054						0.56		0.59			0.56			0.56		
20.2	-327.7	-214.5	FR1 n30_Ant 1 Sub TX0	0.738	0.220	0.054						0.56		0.59			0.56			0.56		
19.2	-331.2	-214.2	FR1 n26_Ant 1 TX	0.756	0.220	0.054						0.56		0.59			0.56			0.56		
22.6	-332.9	-215.4	FR1 n41_Ant 1 Sub TX0	0.755	0.220	0.054						0.56					0.55			0.56		
39	-331.2	-214.7	FR1 n48_Ant 1 Sub TX0	0.738	0.220	0.054						0.56		0.59			0.56			0.56		
38	-328.8	-214.5	FR1 n66_Ant 1 Sub TX0	0.760	0.220	0.054						0.56		0.59			0.56			0.56		
38.6	-327.8	-214.3	FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.054						0.56		0.59			0.56			0.56		
22.1	-330.9	-214.5	FR1 n70_Ant 1 TX	0.747	0.220	0.054						0.56		0.59			0.56			0.56		
12.6	-326.5	-214.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.054						0.56		0.59			0.56			0.56		

<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	WLAN/BT/GHz Ant A+3	Bluetooth Ant A+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)			0.353 0+2+7+9 Summed SAR	0.427 0+2+7+10 Summed SAR	0.277 0+2+7+11 Summed SAR	0.709 0+2+7+12 Summed SAR	0.443 0+2+7+13 Summed SAR	0.583 0+2+7+14 Summed SAR	0.466 0+2+7+15 Summed SAR	0.411 0+2+7+16 Summed SAR	0.700 0+2+7+17 Summed SAR	0.413 0+2+7+18 Summed SAR	0.553 0+2+7+19 Summed SAR	0.719 0+2+7+20 Summed SAR	0.340 0+2+7+21 Summed SAR	0.369 0+2+7+22 Summed SAR
GSM850_Ant 1 TX	0.792	0.220	0.208	1.513	1.687	1.555	1.956	1.651	1.743	1.594	1.598	1.973	1.596	1.686	1.953	1.518	1.466
WCDMA V_Ant 1 TX	0.748	0.220	0.208	1.529	1.693	1.553	1.986	1.669	1.759	1.590	1.597	1.979	1.598	1.678	1.966	1.516	1.464
LTE Band 12_Ant 1 TX0	0.748	0.220	0.208	1.529	1.693	1.553	1.984	1.669	1.759	1.592	1.597	1.975	1.598	1.678	1.966	1.516	1.464
LTE Band 13_Ant 2 TX0	0.686	0.220	0.208	1.487	1.641	1.491	1.922	1.627	1.697	1.520	1.525	1.854	1.527	1.616	1.924	1.454	1.422
LTE Band 14_Ant 1 TX0	0.687	0.220	0.208	1.488	1.642	1.492	1.923	1.558	1.698	1.521	1.526	1.855	1.528	1.617	1.925	1.455	1.423
LTE Band 26_Ant 1 Sub TX0	0.734	0.220	0.208	1.535	1.689	1.539	1.970	1.600	1.745	1.568	1.573	1.952	1.575	1.665	1.972	1.502	1.470
LTE Band 26_Ant 2 TX0	0.722	0.220	0.208	1.523	1.577	1.527	1.958	1.593	1.733	1.556	1.561	1.950	1.563	1.652	1.960	1.490	1.458
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.208	1.494	1.568	1.518	1.949	1.584	1.724	1.547	1.552	1.941	1.554	1.643	1.951	1.481	1.449
LTE Band 71_Ant 1 TX0	0.738	0.220	0.208	1.549	1.593	1.543	1.974	1.609	1.749	1.572	1.577	1.963	1.578	1.666	1.974	1.506	1.474
FR1 n2_Ant 1 TX	0.792	0.220	0.208	1.513	1.687	1.555	1.956	1.651	1.743	1.594	1.598	1.973	1.596	1.686	1.956	1.518	1.466
FR1 n14_Ant 1 TX	0.738	0.220	0.208	1.517	1.591	1.545	1.972	1.607	1.747	1.570	1.575	1.964	1.577	1.666	1.974	1.504	1.472
FR1 n30_Ant 1 Sub TX0	0.738	0.220	0.208	1.520	1.594	1.546	1.975	1.610	1.750	1.573	1.578	1.967	1.580	1.669	1.977	1.507	1.475
FR1 n26_Ant 1 TX	0.756	0.220	0.208	1.482	1.556	1.506	1.937	1.573	1.712	1.535	1.540	1.929	1.542	1.631	1.939	1.469	1.437
FR1 n41_Ant 1 Sub TX0	0.738	0.220	0.208	1.520	1.594	1.546	1.975	1.610	1.750	1.573	1.578	1.967	1.580	1.669	1.977	1.507	1.475
FR1 n48_Ant 1 Sub TX0	0.760	0.220	0.208	1.574	1.648	1.598	1.989	1.644	1.764	1.588	1.593	1.981	1.594	1.683	1.991	1.521	1.489
FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.208	1.521	1.595	1.545	1.976	1.611	1.751	1.574	1.579	1.969	1.581	1.670	1.978	1.508	1.476
FR1 n70_Ant 1 TX	0.747	0.220	0.208	1.539	1.612	1.562	1.993	1.619	1.758	1.591	1.596	1.979	1.598	1.677	1.991	1.515	1.483
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.208	1.518	1.592	1.542	1.974	1.608	1.748	1.572	1.577	1.964	1.579	1.668	1.976	1.506	1.474

SAR peak location (mm)				X (left)			-47	-50	56.8	57.3	56.5	55.7	55.2	55.1	55.7	57.1	56.3	56.8	56.6	52.2	55.7	57.6
				Y (left)			-22.3	-27.3	-39.1	-34.8	-58.2	-39.8	-47.6	-39.4	-32.9	-39	-39.8	-43.7	-22.7	-37.1	-39.1	-34.4
				Z (left)			-15.2	-15.9	-17.4	-17.1	-17.8	-17.4	-17.9	-17.1	-19.4	-17.7	-17.4	-17.3	-16.8	-15.3	-17.3	-17.2
			Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (left)	Y (left)	Z (left)		WWAN SAR	WLAN/BT/GHz Ant A+3	Bluetooth Ant A+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)			0.353 0+2+7+9 SPLSR Results	0.427 0+2+7+10 SPLSR Results	0.277 0+2+7+11 SPLSR Results	0.709 0+2+7+12 SPLSR Results	0.443 0+2+7+13 SPLSR Results	0.583 0+2+7+14 SPLSR Results	0.466 0+2+7+15 SPLSR Results	0.411 0+2+7+16 SPLSR Results	0.700 0+2+7+17 SPLSR Results	0.413 0+2+7+18 SPLSR Results	0.553 0+2+7+19 SPLSR Results	0.719 0+2+7+20 SPLSR Results	0.340 0+2+7+21 SPLSR Results	0.369 0+2+7+22 SPLSR Results
21.9	-326.1	-214.6	GSM850_Ant 1 TX	0.792	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
25.1	-334.9	-214.3	WCDMA V_Ant 1 TX	0.748	0.220	0.208						0.55	0.03	0.54			0.56		0.03	0.56		
16.9	-326.9	-214.3	LTE Band 12_Ant 1 TX0	0.748	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
22	-332.5	-214.4	LTE Band 13_Ant 2 TX0	0.686	0.220	0.208						0.56		0.53			0.56		0.03	0.56		
20.5	-335.4	-214.4	LTE Band 14_Ant 1 TX0	0.687	0.220	0.208						0.56	0.03	0.53			0.56		0.03	0.56		
24.1	-336.3	-214.3	LTE Band 26_Ant 1 Sub TX0	0.734	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
23.9	-327.9	-214.3	LTE Band 26_Ant 2 TX0	0.722	0.220	0.208						0.56		0.54			0.56		0.03	0.56		
19.8	-327.4	-214.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.208						0.56		0.54			0.56		0.03	0.56		
19.1	-331.7	-214.3	LTE Band 71_Ant 1 TX0	0.738	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
24.3	-331.3	-214.3	FR1 n2_Ant 1 TX	0.792	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
12	-323.3	-214.2	FR1 n14_Ant 1 TX	0.738	0.220	0.208		0.03				0.56	0.03	0.54			0.56		0.03	0.56		
20.2	-327.7	-214.5	FR1 n30_Ant 1 Sub TX0	0.738	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
19.2	-331.2	-214.2	FR1 n26_Ant 1 TX	0.756	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
22.6	-332.9	-215.4	FR1 n41_Ant 1 Sub TX0	0.755	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
39	-331.2	-214.7	FR1 n48_Ant 1 Sub TX0	0.738	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		
38	-328.8	-214.5	FR1 n66_Ant 1 Sub TX0	0.760	0.220	0.208		0.03	0.05			0.56	0.03	0.54	0.03	0.08	0.56	0.03	0.03	0.56		
38.6	-327.8	-214.3	FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.208		0.03				0.56	0.03	0.54			0.56		0.03	0.56		
22.1	-330.9	-214.5	FR1 n70_Ant 1 TX	0.747	0.220	0.208		0.03				0.56	0.03	0.54			0.56		0.03	0.56		
12.6	-326.5	-214.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.208						0.56	0.03	0.54			0.56		0.03	0.56		

<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 A+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)			0.353	0.427	0.277	0.769	0.443	0.583	0.409	0.411	0.790	0.413	0.502	0.719	0.340	0.309
				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	0.792	0.220	0.216	1.539	1.613	1.553	1.884	1.629	1.789	1.592	1.597	1.886	1.599	1.686	1.884	1.526	1.494
WCDMA V_Ant 1 TX0	0.748	0.220	0.216	1.537	1.611	1.551	1.882	1.627	1.787	1.590	1.595	1.884	1.597	1.686	1.884	1.524	1.492
LTE Band 12_Ant 1 TX0	0.748	0.220	0.216	1.537	1.611	1.551	1.882	1.627	1.787	1.590	1.595	1.884	1.597	1.686	1.884	1.524	1.492
LTE Band 13_Ant 1 TX0	0.686	0.220	0.216	1.475	1.549	1.489	1.820	1.565	1.725	1.528	1.533	1.822	1.536	1.624	1.822	1.462	1.430
LTE Band 14_Ant 1 TX0	0.687	0.220	0.216	1.476	1.550	1.500	1.831	1.566	1.726	1.529	1.534	1.833	1.536	1.625	1.833	1.463	1.431
LTE Band 26_Ant 1 Sub TX0	0.734	0.220	0.216	1.523	1.597	1.547	1.879	1.613	1.753	1.576	1.581	1.879	1.583	1.672	1.880	1.510	1.478
LTE Band 26_Ant 2 TX0	0.722	0.220	0.216	1.511	1.585	1.535	1.868	1.601	1.741	1.564	1.568	1.868	1.571	1.660	1.868	1.498	1.466
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.216	1.502	1.576	1.526	1.857	1.592	1.732	1.555	1.560	1.859	1.562	1.651	1.859	1.489	1.457
LTE Band 71_Ant 1 TX0	0.738	0.220	0.216	1.527	1.601	1.551	1.882	1.617	1.757	1.580	1.585	1.872	1.587	1.676	1.884	1.514	1.482
FR1 n2_Ant 1 TX0	0.750	0.220	0.216	1.539	1.613	1.563	1.894	1.629	1.769	1.592	1.597	1.896	1.599	1.688	1.896	1.526	1.494
FR1 n5_Ant 1 TX0	0.738	0.220	0.216	1.525	1.599	1.549	1.880	1.615	1.755	1.578	1.583	1.872	1.585	1.674	1.882	1.512	1.480
FR1 n12_Ant 1 Sub TX0	0.739	0.220	0.216	1.528	1.602	1.552	1.883	1.618	1.758	1.581	1.586	1.875	1.588	1.677	1.885	1.515	1.483
FR1 n26_Ant 1 TX0	0.706	0.220	0.216	1.490	1.564	1.514	1.845	1.580	1.720	1.543	1.548	1.837	1.550	1.639	1.847	1.477	1.445
FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.216	1.528	1.602	1.552	1.883	1.618	1.758	1.581	1.586	1.875	1.588	1.677	1.885	1.515	1.483
FR1 n48_Ant 1 Sub TX0	0.750	0.220	0.216	1.542	1.616	1.566	1.897	1.632	1.772	1.595	1.600	1.909	1.602	1.691	1.909	1.539	1.507
FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.216	1.529	1.603	1.553	1.884	1.619	1.759	1.582	1.587	1.876	1.588	1.678	1.886	1.516	1.484
FR1 n70_Ant 1 TX0	0.747	0.220	0.216	1.536	1.610	1.560	1.891	1.626	1.766	1.589	1.594	1.883	1.596	1.685	1.893	1.523	1.491
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.216	1.527	1.601	1.551	1.882	1.617	1.757	1.580	1.585	1.873	1.587	1.676	1.884	1.514	1.482

SAR peak location (mm)			X (inch)	-27	54.8	56.8	57.3	58.5	53.7	55.2	55.1	53.7	57.1	54.3	54.8	55.6	52.2	55.7	57.6
			Y (inch)	-22.3	-57.6	-59.1	-54.8	-58.2	-58.8	-57.6	-58.4	-62.9	-66	-59.8	-63.7	-63.7	-57.1	-59.1	-54.6
			Z (inch)	-7.5.2	-7.5.6	-7.5.4	-7.7.1	-7.6.8	-7.4.3	-7.5.9	-7.5.1	-7.6.9	-7.7	-7.7.7	-7.7.3	-7.7.2	-7.7.3	-7.5.3	-7.7.2
			Exposure Position	0	2	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (inch)	Y (inch)	Z (inch)		WWAN SAR	WLAN5/6GHz Ant A+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
				0.353	0.427	0.277	0.769	0.443	0.583	0.409	0.411	0.790	0.413	0.502	0.719	0.340	0.309		
			Right Cheek	1g SAR (W/kg)			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
21.9	-526.1	-574.6	GSM850_Ant 1 TX0	0.792	0.220	0.216		0.03		0.06	0.03	0.03		0.06	0.03	0.03	0.03	0.03		
25.1	-554.9	-574.3	WCDMA V_Ant 1 TX0	0.748	0.220	0.216		0.03		0.06	0.03	0.03		0.06	0.03	0.03	0.03	0.03		
24.9	-526.9	-574.3	LTE Band 12_Ant 1 TX0	0.748	0.220	0.216		0.03		0.06	0.03	0.03		0.06	0.03	0.03	0.03	0.03		
32	-552.5	-574.3	LTE Band 13_Ant 1 TX0	0.686	0.220	0.216				0.05		0.03			0.03		0.03	0.03		
20.5	-595.4	-574.6	LTE Band 14_Ant 1 TX0	0.687	0.220	0.216				0.05		0.03			0.03		0.03	0.03		
24.1	-556.3	-574.3	LTE Band 26_Ant 1 Sub TX0	0.734	0.220	0.216		0.03		0.06	0.03	0.03			0.03		0.03	0.03		
22.9	-557.9	-574.6	LTE Band 26_Ant 2 TX0	0.722	0.220	0.216				0.05	0.03	0.03			0.03		0.03	0.03		
23.8	-551.7	-574.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.216				0.05		0.03			0.03		0.03	0.03		
24.3	-552.3	-574.3	LTE Band 71_Ant 1 TX0	0.738	0.220	0.216		0.03		0.06	0.03	0.03			0.03		0.03	0.03		
1.0	-523.3	-574.2	FR1 n2_Ant 1 TX0	0.750	0.220	0.216		0.03		0.06	0.03	0.03		0.03	0.03	0.03	0.03	0.03		
20.2	-557.7	-574.5	FR1 n5_Ant 1 TX0	0.738	0.220	0.216		0.03		0.03	0.03	0.03			0.03		0.03	0.03		
24.2	-551.2	-574.2	FR1 n12_Ant 1 Sub TX0	0.739	0.220	0.216		0.03		0.06	0.03	0.03			0.03		0.03	0.03		
22.6	-550.9	-574.4	FR1 n26_Ant 1 TX0	0.705	0.220	0.216				0.05		0.03			0.03		0.03	0.03		
39	-551.2	-574.7	FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.216		0.03		0.06	0.03	0.03			0.03		0.03	0.03		
39	-539.9	-574.5	FR1 n48_Ant 1 Sub TX0	0.750	0.220	0.216		0.03	0.03	0.06	0.03	0.03		0.03	0.03	0.03	0.03	0.03		
38.6	-537.9	-574.3	FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.216		0.03		0.06	0.03	0.03			0.03		0.03	0.03		
22.1	-550.9	-574.5	FR1 n70_Ant 1 TX0	0.707	0.220	0.216		0.03		0.06	0.03	0.03			0.03	0.03	0.03	0.03		
12.6	-536.5	-574.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.216		0.03		0.06	0.03	0.03			0.03		0.03	0.03		

<Case 13>

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)			0.193	0.270	0.615
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.750	0.204	0.220	1.367	1.444	1.789
WCDMA V_Ant 1 TX1	0.748	0.204	0.220	1.365	1.442	1.787
LTE Band 12_Ant 1 TX1	0.748	0.204	0.220	1.365	1.442	1.787
LTE Band 13_Ant 1 TX1	0.686	0.204	0.220	1.303	1.380	1.725
LTE Band 14_Ant 1 TX1	0.687	0.204	0.220	1.304	1.381	1.726
LTE Band 25_Ant 1 Sub TX0	0.734	0.204	0.220	1.351	1.428	1.773
LTE Band 26_Ant 1 TX1	0.722	0.204	0.220	1.339	1.416	1.761
LTE Band 66_Ant 1 Sub TX0	0.713	0.204	0.220	1.330	1.407	1.752
LTE Band 71_Ant 1 TX1	0.738	0.204	0.220	1.355	1.432	1.777
FR1 n12_Ant 1 TX1	0.750	0.204	0.220	1.367	1.444	1.789
FR1 n14_Ant 1 TX1	0.736	0.204	0.220	1.353	1.430	1.775
FR1 n25_Ant 1 Sub TX0	0.739	0.204	0.220	1.356	1.433	1.778
FR1 n26_Ant 1 TX1	0.701	0.204	0.220	1.318	1.395	1.740
FR1 n41_Ant 1 Sub TX0	0.739	0.204	0.220	1.356	1.433	1.778
FR1 n48_Ant 1 Sub TX0	0.793	0.204	0.220	1.410	1.487	1.832
FR1 n66_Ant 1 Sub TX0	0.740	0.204	0.220	1.357	1.434	1.779
FR1 n71_Ant 1 TX1	0.747	0.204	0.220	1.364	1.441	1.786
FR1 n77_Ant 1 Sub TX0	0.738	0.204	0.220	1.355	1.432	1.777

SAR peak location (mm)			X (axis)		59	47	53.2	51.1	51.8
			Y (axis)		-327.6	-322.3	-241.8	-247.2	-247.7
			Z (axis)		-175.9	-175.2	-177	-174.4	-174.4
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)			0.193	0.27	0.615
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.750	0.204	0.220			0.03
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX1	0.748	0.204	0.220			0.03
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.748	0.204	0.220			0.03
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.686	0.204	0.220			0.03
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.687	0.204	0.220			0.03
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.204	0.220			0.03
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.722	0.204	0.220			0.03
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.204	0.220			0.03
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.738	0.204	0.220			0.03
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750	0.204	0.220			0.03
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.736	0.204	0.220			0.03
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.739	0.204	0.220			0.03
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.701	0.204	0.220			0.03
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.739	0.204	0.220			0.03
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.793	0.204	0.220			0.03
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.740	0.204	0.220			0.03
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.747	0.204	0.220			0.03
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.204	0.220			0.03

<Case 14>

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)			0.193	0.270	0.615
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.750	0.031	0.220	1.194	1.271	1.616
WCDMA V_Ant 1 TX1	0.748	0.031	0.220	1.192	1.269	1.614
LTE Band 12_Ant 1 TX1	0.748	0.031	0.220	1.192	1.269	1.614
LTE Band 13_Ant 1 TX1	0.686	0.031	0.220	1.130	1.207	1.552
LTE Band 14_Ant 1 TX1	0.687	0.031	0.220	1.131	1.208	1.553
LTE Band 25_Ant 1 Sub TX0	0.734	0.031	0.220	1.178	1.255	1.600
LTE Band 26_Ant 1 TX1	0.722	0.031	0.220	1.166	1.243	1.588
LTE Band 66_Ant 1 Sub TX0	0.713	0.031	0.220	1.157	1.234	1.579
LTE Band 71_Ant 1 TX1	0.738	0.031	0.220	1.182	1.259	1.604
FR1 n12_Ant 1 TX1	0.750	0.031	0.220	1.194	1.271	1.616
FR1 n14_Ant 1 TX1	0.736	0.031	0.220	1.180	1.257	1.602
FR1 n25_Ant 1 Sub TX0	0.739	0.031	0.220	1.183	1.260	1.605
FR1 n26_Ant 1 TX1	0.701	0.031	0.220	1.145	1.222	1.567
FR1 n41_Ant 1 Sub TX0	0.739	0.031	0.220	1.183	1.260	1.605
FR1 n48_Ant 1 Sub TX0	0.793	0.031	0.220	1.237	1.314	1.659
FR1 n66_Ant 1 Sub TX0	0.740	0.031	0.220	1.184	1.261	1.606
FR1 n71_Ant 1 TX1	0.747	0.031	0.220	1.191	1.268	1.613
FR1 n77_Ant 1 Sub TX0	0.738	0.031	0.220	1.182	1.259	1.604

SAR peak location (mm)			X (axis)		0.2	47	53.2	51.1	51.8
			Y (axis)		-280.3	-322.3	-241.8	-247.2	-247.7
			Z (axis)		-168.6	-175.2	-177	-174.4	-174.4
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Cheek	1g SAR (W/kg)			0.193	0.27	0.615
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.750	0.031	0.220			0.03
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX1	0.748	0.031	0.220			0.03
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.748	0.031	0.220			0.03
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.686	0.031	0.220			
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.687	0.031	0.220			
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.031	0.220			0.03
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.722	0.031	0.220			
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.031	0.220			
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.738	0.031	0.220			0.03
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750	0.031	0.220			0.03
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.736	0.031	0.220			0.03
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.739	0.031	0.220			0.03
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.701	0.031	0.220			
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.739	0.031	0.220			0.03
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.793	0.031	0.220			0.03
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.740	0.031	0.220			0.03
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.747	0.031	0.220			0.03
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.031	0.220			0.03

<Case 15>

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)			0.193	0.270	0.615
				0+1+2+9 Summed SAR	0+1+2+10 Summed SAR	0+1+2+11 Summed SAR
GSM850_Ant 1 TX1	0.750	0.158	0.220	1.321	1.398	1.743
WCDMA V_Ant 1 TX1	0.748	0.158	0.220	1.319	1.396	1.741
LTE Band 12_Ant 1 TX1	0.748	0.158	0.220	1.319	1.396	1.741
LTE Band 13_Ant 1 TX1	0.686	0.158	0.220	1.257	1.334	1.679
LTE Band 14_Ant 1 TX1	0.687	0.158	0.220	1.258	1.335	1.680
LTE Band 25_Ant 1 Sub TX0	0.734	0.158	0.220	1.305	1.382	1.727
LTE Band 26_Ant 1 TX1	0.722	0.158	0.220	1.293	1.370	1.715
LTE Band 66_Ant 1 Sub TX0	0.713	0.158	0.220	1.284	1.361	1.706
LTE Band 71_Ant 1 TX1	0.738	0.158	0.220	1.309	1.386	1.731
FR1 n12_Ant 1 TX1	0.750	0.158	0.220	1.321	1.398	1.743
FR1 n14_Ant 1 TX1	0.736	0.158	0.220	1.307	1.384	1.729
FR1 n25_Ant 1 Sub TX0	0.739	0.158	0.220	1.310	1.387	1.732
FR1 n26_Ant 1 TX1	0.701	0.158	0.220	1.272	1.349	1.694
FR1 n41_Ant 1 Sub TX0	0.739	0.158	0.220	1.310	1.387	1.732
FR1 n48_Ant 1 Sub TX0	0.793	0.158	0.220	1.364	1.441	1.786
FR1 n66_Ant 1 Sub TX0	0.740	0.158	0.220	1.311	1.388	1.733
FR1 n71_Ant 1 TX1	0.747	0.158	0.220	1.318	1.395	1.740
FR1 n77_Ant 1 Sub TX0	0.738	0.158	0.220	1.309	1.386	1.731

SAR peak location (mm)			X (axis)		56.4	47	53.2	51.1	51.8
			Y (axis)		-329.2	-322.3	-241.8	-247.2	-247.7
			Z (axis)		-176.2	-175.2	-177	-174.4	-174.4
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 Cheek	1g SAR (W/kg)			0.193	0.27	0.615
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.750	0.158	0.220			0.04
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX1	0.748	0.158	0.220			0.04
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.748	0.158	0.220			0.04
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.686	0.158	0.220			0.04
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.687	0.158	0.220			0.04
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.158	0.220			0.04
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.722	0.158	0.220			0.04
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.158	0.220			0.04
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.738	0.158	0.220			0.04
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750	0.158	0.220			0.04
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.736	0.158	0.220			0.04
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.739	0.158	0.220			0.04
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.701	0.158	0.220			0.04
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.739	0.158	0.220			0.04
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.793	0.158	0.220			0.04
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.740	0.158	0.220			0.04
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.747	0.158	0.220			0.04
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.158	0.220			0.04

<Case 16>

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)			0.193	0.270	0.615
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.750	0.220	0.203	1.366	1.443	1.788
WCDMA V_Ant 1 TX1	0.748	0.220	0.203	1.364	1.441	1.786
LTE Band 12_Ant 1 TX1	0.748	0.220	0.203	1.364	1.441	1.786
LTE Band 13_Ant 1 TX1	0.686	0.220	0.203	1.302	1.379	1.724
LTE Band 14_Ant 1 TX1	0.687	0.220	0.203	1.303	1.380	1.725
LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.203	1.350	1.427	1.772
LTE Band 26_Ant 1 TX1	0.722	0.220	0.203	1.338	1.415	1.760
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.203	1.329	1.406	1.751
LTE Band 71_Ant 1 TX1	0.738	0.220	0.203	1.354	1.431	1.776
FR1 n12_Ant 1 TX1	0.750	0.220	0.203	1.366	1.443	1.788
FR1 n14_Ant 1 TX1	0.736	0.220	0.203	1.352	1.429	1.774
FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.203	1.355	1.432	1.777
FR1 n26_Ant 1 TX1	0.701	0.220	0.203	1.317	1.394	1.739
FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.203	1.355	1.432	1.777
FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.203	1.409	1.486	1.831
FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.203	1.356	1.433	1.778
FR1 n71_Ant 1 TX1	0.747	0.220	0.203	1.363	1.440	1.785
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.203	1.354	1.431	1.776

SAR peak location (mm)			X (axis)		47	53.3	53.2	51.1	51.8
			Y (axis)		-322.3	-324.9	-241.8	-247.2	-247.7
			Z (axis)		-175.2	-174.2	-177	-174.4	-174.4
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)			0.193	0.27	0.615
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.750	0.220	0.203			0.03
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX1	0.748	0.220	0.203			0.03
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.748	0.220	0.203			0.03
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.686	0.220	0.203			0.03
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.687	0.220	0.203			0.03
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.203			0.03
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.722	0.220	0.203			0.03
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.203			0.03
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.738	0.220	0.203			0.03
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750	0.220	0.203			0.03
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.736	0.220	0.203			0.03
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.203			0.03
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.701	0.220	0.203			0.03
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.203			0.03
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.203			0.03
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.203			0.03
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.747	0.220	0.203			0.03
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.203			0.03

<Case 17>

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)			0.193	0.270	0.615
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.750	0.220	0.056	1.219	1.296	1.641
WCDMA V_Ant 1 TX1	0.748	0.220	0.056	1.217	1.294	1.639
LTE Band 12_Ant 1 TX1	0.748	0.220	0.056	1.217	1.294	1.639
LTE Band 13_Ant 1 TX1	0.686	0.220	0.056	1.155	1.232	1.577
LTE Band 14_Ant 1 TX1	0.687	0.220	0.056	1.156	1.233	1.578
LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.056	1.203	1.280	1.625
LTE Band 26_Ant 1 TX1	0.722	0.220	0.056	1.191	1.268	1.613
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.056	1.182	1.259	1.604
LTE Band 71_Ant 1 TX1	0.738	0.220	0.056	1.207	1.284	1.629
FR1 n12_Ant 1 TX1	0.750	0.220	0.056	1.219	1.296	1.641
FR1 n14_Ant 1 TX1	0.736	0.220	0.056	1.205	1.282	1.627
FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.056	1.208	1.285	1.630
FR1 n26_Ant 1 TX1	0.701	0.220	0.056	1.170	1.247	1.592
FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.056	1.208	1.285	1.630
FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.056	1.262	1.339	1.684
FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.056	1.209	1.286	1.631
FR1 n71_Ant 1 TX1	0.747	0.220	0.056	1.216	1.293	1.638
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.056	1.207	1.284	1.629

SAR peak location (mm)			X (axis)		47	1.7	53.2	51.1	51.8
			Y (axis)		-322.3	-278.3	-241.8	-247.2	-247.7
			Z (axis)		-175.2	-168.6	-177	-174.4	-174.4
X (axis)	Y (axis)	Z (axis)	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)			0.193	0.27	0.615
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.750	0.220	0.056			0.04
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX1	0.748	0.220	0.056			0.04
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.748	0.220	0.056			0.04
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.686	0.220	0.056			
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.687	0.220	0.056			
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.056			0.04
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.722	0.220	0.056			0.03
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.056			0.03
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.738	0.220	0.056			0.04
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750	0.220	0.056			0.04
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.736	0.220	0.056			0.04
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.056			0.04
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.701	0.220	0.056			
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.056			0.04
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.056			0.04
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.056			0.04
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.747	0.220	0.056			0.04
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.056			0.04

<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 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)			0.193	0.270	0.615
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.750	0.220	0.208	1.371	1.448	1.793
WCDMA V_Ant 1 TX1	0.748	0.220	0.208	1.369	1.446	1.791
LTE Band 12_Ant 1 TX1	0.748	0.220	0.208	1.369	1.446	1.791
LTE Band 13_Ant 1 TX1	0.686	0.220	0.208	1.307	1.384	1.729
LTE Band 14_Ant 1 TX1	0.687	0.220	0.208	1.308	1.385	1.730
LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.208	1.355	1.432	1.777
LTE Band 26_Ant 1 TX1	0.722	0.220	0.208	1.343	1.420	1.765
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.208	1.334	1.411	1.756
LTE Band 71_Ant 1 TX1	0.738	0.220	0.208	1.359	1.436	1.781
FR1 n12_Ant 1 TX1	0.750	0.220	0.208	1.371	1.448	1.793
FR1 n14_Ant 1 TX1	0.736	0.220	0.208	1.357	1.434	1.779
FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.208	1.360	1.437	1.782
FR1 n26_Ant 1 TX1	0.701	0.220	0.208	1.322	1.399	1.744
FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.208	1.360	1.437	1.782
FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.208	1.414	1.491	1.836
FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.208	1.361	1.438	1.783
FR1 n71_Ant 1 TX1	0.747	0.220	0.208	1.368	1.445	1.790
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.208	1.359	1.436	1.781

SAR peak location (mm)			X (axis)	47	53	53.2	51.1	51.8
			Y (axis)	-322.3	-327.3	-241.8	-247.2	-247.7
			Z (axis)	-175.2	-173.9	-177	-174.4	-174.4
X (axis)	Y (axis)	Z (axis)	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)			0.193	0.27	0.615
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.750	0.220	0.208			0.04
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX1	0.748	0.220	0.208			0.04
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.748	0.220	0.208			0.04
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.686	0.220	0.208			0.04
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.687	0.220	0.208			0.04
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.208			0.04
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.722	0.220	0.208			0.04
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.208			0.04
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.738	0.220	0.208			0.04
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750	0.220	0.208			0.04
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.736	0.220	0.208			0.04
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.208			0.04
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.701	0.220	0.208			0.04
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.208			0.04
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.208			0.04
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.208			0.04
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.747	0.220	0.208			0.04
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.208			0.04

<Case 19>

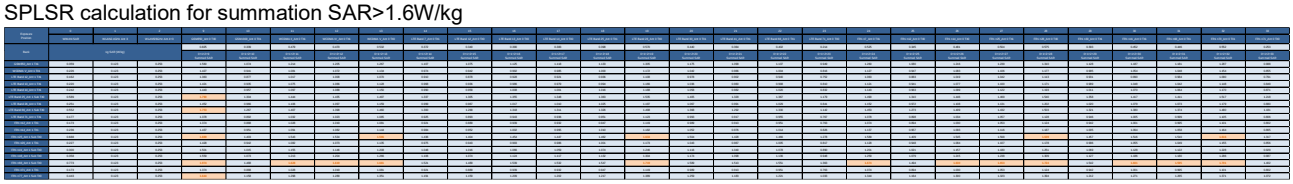
SPLSR calculation for summation SAR>1.6W/kg

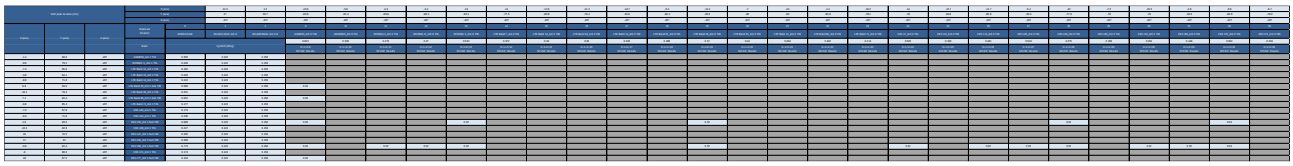
Exposure Position	0	2	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Cheek	1g SAR (W/kg)			0.193	0.270	0.615
				0+2+7+9 Summed SAR	0+2+7+10 Summed SAR	0+2+7+11 Summed SAR
GSM850_Ant 1 TX1	0.750	0.220	0.216	1.379	1.456	1.801
WCDMA V_Ant 1 TX1	0.748	0.220	0.216	1.377	1.454	1.799
LTE Band 12_Ant 1 TX1	0.748	0.220	0.216	1.377	1.454	1.799
LTE Band 13_Ant 1 TX1	0.686	0.220	0.216	1.315	1.392	1.737
LTE Band 14_Ant 1 TX1	0.687	0.220	0.216	1.316	1.393	1.738
LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.216	1.363	1.440	1.785
LTE Band 26_Ant 1 TX1	0.722	0.220	0.216	1.351	1.428	1.773
LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.216	1.342	1.419	1.764
LTE Band 71_Ant 1 TX1	0.738	0.220	0.216	1.367	1.444	1.789
FR1 n12_Ant 1 TX1	0.750	0.220	0.216	1.379	1.456	1.801
FR1 n14_Ant 1 TX1	0.736	0.220	0.216	1.365	1.442	1.787
FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.216	1.368	1.445	1.790
FR1 n26_Ant 1 TX1	0.701	0.220	0.216	1.330	1.407	1.752
FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.216	1.368	1.445	1.790
FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.216	1.422	1.499	1.844
FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.216	1.369	1.446	1.791
FR1 n71_Ant 1 TX1	0.747	0.220	0.216	1.376	1.453	1.798
FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.216	1.367	1.444	1.789

SAR peak location (mm)			X (axis)	47	54.8	53.2	51.1	51.8
			Y (axis)	-322.3	-327.6	-241.8	-247.2	-247.7
			Z (axis)	-175.2	-173.6	-177	-174.4	-174.4
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)			0.193	0.27	0.615
							0+2+7+9 SPLSR Results	0+2+7+10 SPLSR Results	0+2+7+11 SPLSR Results
21.9	-329.1	-174.6	GSM850_Ant 1 TX1	0.750	0.220	0.216			0.03
25.1	-334.9	-174.3	WCDMA V_Ant 1 TX1	0.748	0.220	0.216			0.03
16.8	-326.8	-174.3	LTE Band 12_Ant 1 TX1	0.748	0.220	0.216			0.03
22	-332.5	-174.4	LTE Band 13_Ant 1 TX1	0.686	0.220	0.216			0.03
20.5	-330.4	-174.4	LTE Band 14_Ant 1 TX1	0.687	0.220	0.216			0.03
19.1	-330.3	-174.3	LTE Band 25_Ant 1 Sub TX0	0.734	0.220	0.216			0.03
43.9	-327.9	-174.8	LTE Band 26_Ant 1 TX1	0.722	0.220	0.216			0.03
15.8	-331.7	-174.1	LTE Band 66_Ant 1 Sub TX0	0.713	0.220	0.216			0.03
19.3	-331.3	-174.3	LTE Band 71_Ant 1 TX1	0.738	0.220	0.216			0.03
14	-323.1	-174.2	FR1 n12_Ant 1 TX1	0.750	0.220	0.216			0.03
20.2	-327.7	-174.5	FR1 n14_Ant 1 TX1	0.736	0.220	0.216			0.03
18.2	-331.4	-174.2	FR1 n25_Ant 1 Sub TX0	0.739	0.220	0.216			0.03
22.6	-332.9	-174.4	FR1 n26_Ant 1 TX1	0.701	0.220	0.216			0.03
39	-331.2	-174.7	FR1 n41_Ant 1 Sub TX0	0.739	0.220	0.216			0.03
38	-339.8	-176.5	FR1 n48_Ant 1 Sub TX0	0.793	0.220	0.216			0.03
16.6	-327.8	-174.3	FR1 n66_Ant 1 Sub TX0	0.740	0.220	0.216			0.03
22.1	-330.9	-174.5	FR1 n71_Ant 1 TX1	0.747	0.220	0.216			0.03
12.6	-318.5	-174.1	FR1 n77_Ant 1 Sub TX0	0.738	0.220	0.216			0.03

<Case 20>

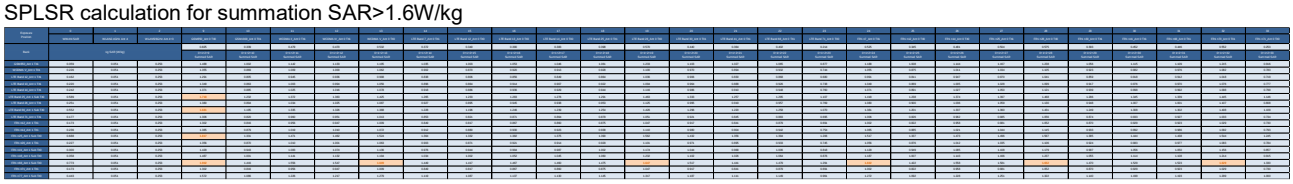
SPLSR calculation for summation SAR>1.6W/kg

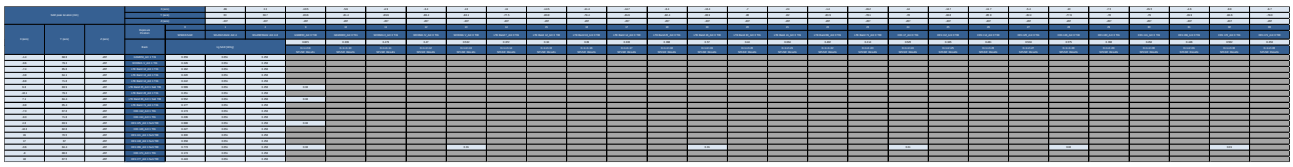




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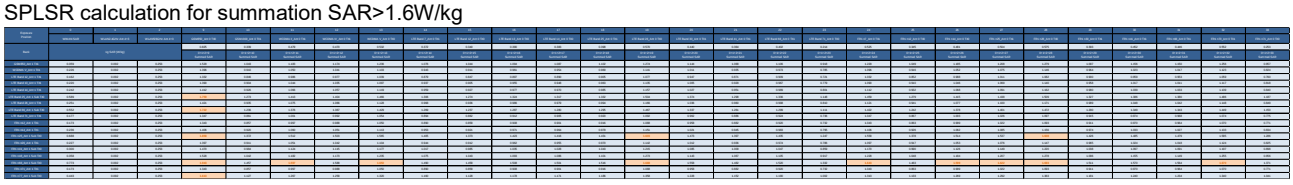
SPLSR calculation for summation SAR>1.6W/kg

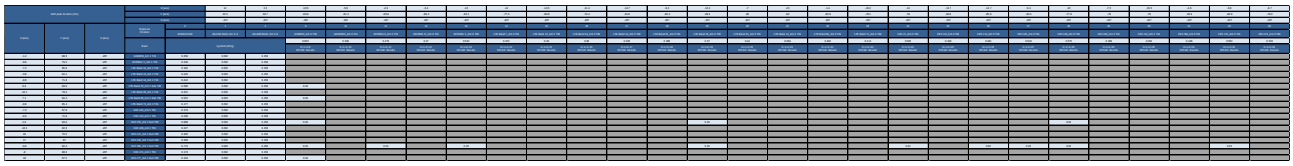




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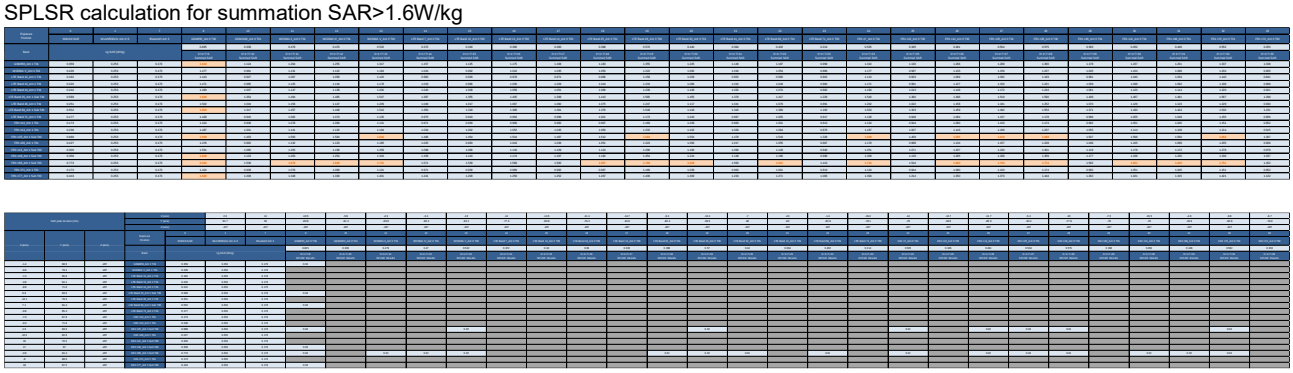
SPLSR calculation for summation SAR>1.6W/kg





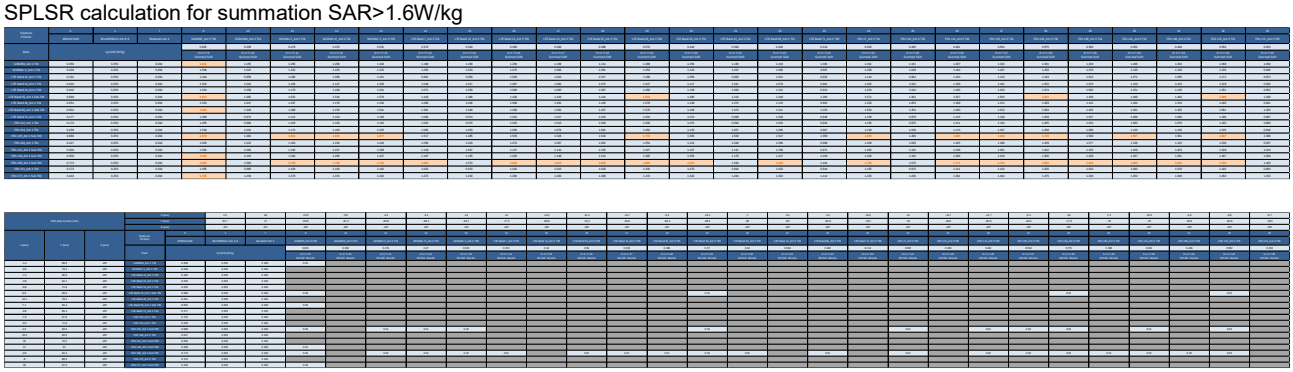
<Case 23>

SPLSR calculation for summation SAR>1.6W/kg



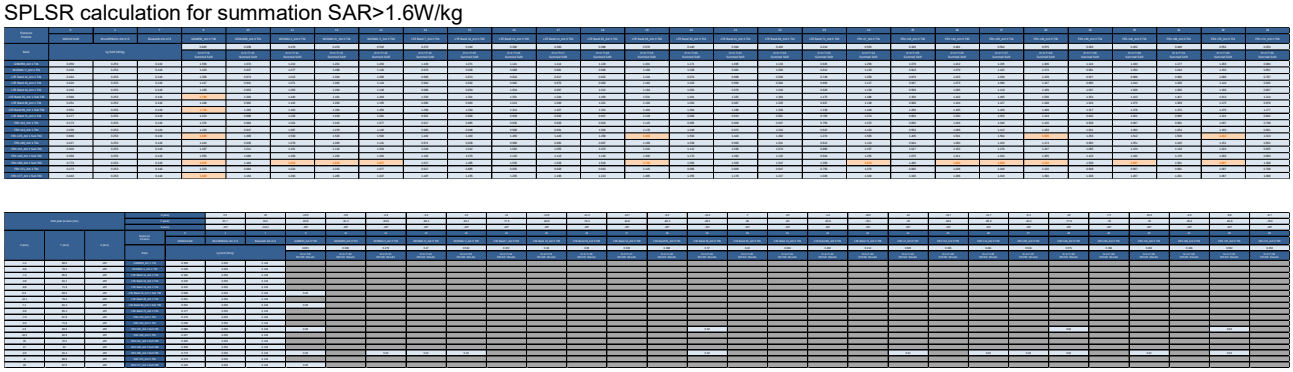
<Case 24>

SPLSR calculation for summation SAR>1.6W/kg



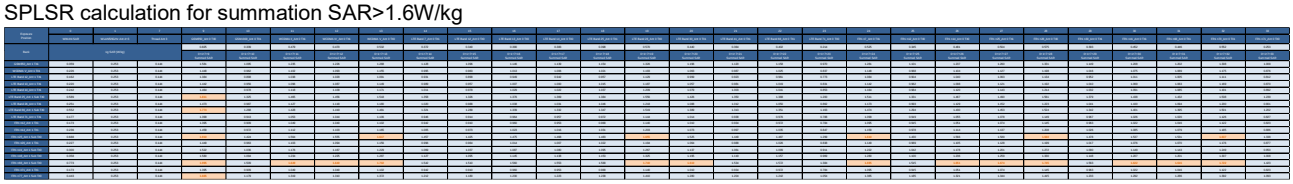
<Case 25>

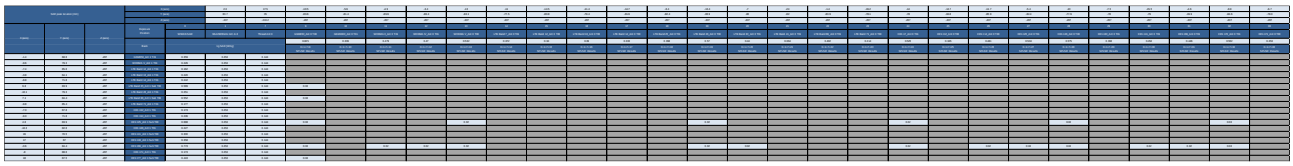
SPLSR calculation for summation SAR>1.6W/kg



<Case 26>

SPLSR calculation for summation SAR>1.6W/kg





<Case 27>

SPLSR calculation for summation SAR>1.6W/kg

0-g Simult. Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN2.4Gnt Ant 3	WLAN5/6Gnt 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 n71_Ant 2 TX0
Back	1g SAR (W/kg)			0.269	0.353	0.368	0.344	0.356	0.343	0.482	0.290	0.359	0.361	0.276	0.322	0.320	0.262
				0+1+2+8 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
GSM1900_Ant 0 TX0	0.825	0.123	0.253	1.489	1.554	1.598	1.545	1.557	1.446	1.680	1.491	1.959	1.962	1.477	1.529	1.521	1.463
GSM1900_Ant 0 TX0	0.208	0.123	0.253	0.993	1.068	1.093	1.059	1.071	0.958	1.197	1.005	1.073	1.076	0.991	1.037	1.035	0.977
WCDMA II_Ant 0 TX0	0.479	0.123	0.253	1.123	1.208	1.223	1.189	1.211	1.098	1.337	1.145	1.213	1.214	1.131	1.177	1.175	1.117
WCDMA IV_Ant 0 TX0	0.470	0.123	0.253	1.114	1.199	1.214	1.180	1.202	1.089	1.328	1.136	1.204	1.207	1.122	1.168	1.166	1.108
WCDMA V_Ant 0 TX0	0.532	0.123	0.253	1.176	1.261	1.276	1.252	1.264	1.151	1.390	1.198	1.266	1.269	1.184	1.230	1.228	1.170
LTE Band 7_Ant 0 TX0	0.372	0.123	0.253	1.016	1.101	1.116	1.082	1.104	0.991	1.230	1.038	1.106	1.109	1.024	1.070	1.068	1.010
LTE Band 12_Ant 0 TX0	0.340	0.123	0.253	0.984	1.069	1.084	1.060	1.072	0.959	1.198	1.006	1.074	1.077	0.992	1.038	1.036	0.978
LTE Band 13_Ant 0 TX0	0.390	0.123	0.253	1.034	1.119	1.134	1.110	1.122	1.009	1.248	1.056	1.124	1.127	1.042	1.088	1.086	1.029
LTE Band 14_Ant 0 TX0	0.393	0.123	0.253	1.037	1.112	1.127	1.103	1.115	1.002	1.241	1.049	1.117	1.120	1.035	1.081	1.079	1.021
LTE Band 25_Ant 0 TX0	0.398	0.123	0.253	1.042	1.127	1.142	1.118	1.130	1.017	1.256	1.064	1.132	1.135	1.050	1.096	1.094	1.036
LTE Band 26_Ant 0 TX0	0.370	0.123	0.253	1.014	1.099	1.114	1.090	1.102	1.189	1.439	1.236	1.304	1.307	1.222	1.268	1.266	1.208
LTE Band 30_Ant 0 TX0	0.440	0.123	0.253	1.084	1.169	1.184	1.160	1.172	1.059	1.298	1.108	1.174	1.177	1.092	1.138	1.136	1.079
LTE Band 41_Ant 0 TX0	0.364	0.123	0.253	1.038	1.053	1.338	1.084	1.096	0.983	1.222	1.032	1.093	1.101	1.016	1.062	1.060	1.002
LTE Band 66_Ant 0 TX0	0.402	0.123	0.253	1.046	1.131	1.146	1.122	1.134	1.021	1.260	1.068	1.136	1.139	1.054	1.100	1.098	1.040
LTE Band 71_Ant 0 TX0	0.314	0.123	0.253	0.953	0.943	0.958	0.934	0.946	0.833	1.072	0.880	0.949	0.951	0.866	0.912	0.910	0.852
FR1 n7_Ant 0 TX0	0.535	0.123	0.253	1.169	1.254	1.269	1.245	1.257	1.144	1.383	1.190	1.259	1.263	1.177	1.223	1.221	1.163
FR1 n12_Ant 0 TX0	0.346	0.123	0.253	0.989	1.074	1.089	1.065	1.077	0.964	1.203	1.011	1.079	1.082	0.997	1.043	1.041	0.983
FR1 n14_Ant 0 TX0	0.485	0.123	0.253	1.125	1.210	1.225	1.201	1.213	1.100	1.339	1.147	1.215	1.218	1.133	1.179	1.177	1.119
FR1 n25_Ant 0 TX0	0.504	0.123	0.253	1.148	1.233	1.248	1.224	1.236	1.123	1.362	1.170	1.239	1.241	1.156	1.202	1.200	1.142
FR1 n26_Ant 0 TX0	0.375	0.123	0.253	1.019	1.104	1.119	1.095	1.107	1.194	1.433	1.231	1.309	1.312	1.227	1.273	1.271	1.213
FR1 n30_Ant 0 TX0	0.369	0.123	0.253	1.037	1.122	1.137	1.113	1.125	1.012	1.251	1.059	1.127	1.130	1.045	1.091	1.089	1.031
FR1 n41_Ant 0 TX0	0.452	0.123	0.253	1.096	1.181	1.196	1.172	1.184	1.071	1.310	1.118	1.186	1.189	1.104	1.150	1.148	1.090
FR1 n66_Ant 0 TX0	0.448	0.123	0.253	1.090	1.175	1.190	1.166	1.178	1.065	1.306	1.112	1.180	1.183	1.098	1.144	1.142	1.084
FR1 n71_Ant 0 TX0	0.302	0.123	0.253	1.156	1.264	1.256	1.272	1.264	1.171	1.423	1.218	1.266	1.269	1.204	1.259	1.248	1.193
FR1 n71_Ant 0 TX0	0.353	0.123	0.253	0.897	0.982	0.997	0.973	0.985	0.873	1.111	0.918	0.987	0.990	0.905	0.951	0.948	0.891

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	44.5	1.31	0.03	Not required
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	127.4	0.61	0.00	Not required
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	122.8	0.95	0.01	Not required
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0	25.8	0.38	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	150.9	0.70	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	160.7	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0	55.0	0.34	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0	25.8	0.38	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				

<Case 28>

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)			0.299	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.361	0.276	0.320	0.330	0.262
				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
GSM1900_Ant 0 TX0	0.825	0.051	0.253	1.397	1.482	1.497	1.473	1.485	1.372	1.631	1.419	1.487	1.490	1.435	1.451	1.448	1.391
GSM1900_Ant 0 TX0	0.338	0.051	0.253	0.911	0.996	1.011	0.987	0.999	0.886	1.125	0.933	1.001	1.004	0.919	0.965	0.963	0.905
WCDMA II_Ant 0 TX0	0.479	0.051	0.253	1.051	1.136	1.151	1.127	1.139	1.026	1.265	1.073	1.141	1.144	1.059	1.105	1.103	1.045
WCDMA IV_Ant 0 TX0	0.470	0.051	0.253	1.042	1.127	1.142	1.118	1.130	1.017	1.256	1.064	1.132	1.135	1.050	1.096	1.094	1.036
WCDMA V_Ant 0 TX0	0.532	0.051	0.253	1.104	1.189	1.204	1.180	1.192	1.079	1.318	1.126	1.194	1.197	1.112	1.159	1.156	1.098
LTE Band 7_Ant 0 TX0	0.372	0.051	0.253	0.944	1.029	1.044	1.020	1.032	0.919	1.158	0.966	1.034	1.037	0.952	0.998	0.996	0.938
LTE Band 12_Ant 0 TX0	0.340	0.051	0.253	0.912	0.997	1.012	0.988	1.000	0.887	1.126	0.934	1.002	1.005	0.920	0.966	0.964	0.906
LTE Band 13_Ant 0 TX0	0.390	0.051	0.253	0.962	1.047	1.062	1.039	1.050	0.937	1.176	0.984	1.052	1.055	0.970	1.016	1.014	0.956
LTE Band 14_Ant 0 TX0	0.383	0.051	0.253	0.955	1.040	1.055	1.031	1.043	0.930	1.169	0.977	1.045	1.048	0.963	1.009	1.007	0.949
LTE Band 25_Ant 0 TX0	0.398	0.051	0.253	0.970	1.055	1.070	1.046	1.058	0.945	1.184	0.992	1.060	1.063	0.978	1.024	1.022	0.964
LTE Band 26_Ant 0 TX0	0.370	0.051	0.253	1.142	1.227	1.242	1.218	1.230	1.117	1.356	1.164	1.222	1.225	1.150	1.196	1.194	1.136
LTE Band 30_Ant 0 TX0	0.440	0.051	0.253	1.012	1.097	1.112	1.088	1.100	0.987	1.226	1.034	1.102	1.105	1.020	1.066	1.064	1.006
LTE Band 41_Ant 0 TX0	0.364	0.051	0.253	0.936	1.021	1.036	1.012	1.024	0.911	1.150	0.958	1.026	1.029	0.944	0.990	0.988	0.930
LTE Band 66_Ant 0 TX0	0.402	0.051	0.253	0.974	1.059	1.074	1.050	1.062	0.949	1.188	0.996	1.064	1.067	0.982	1.028	1.026	0.968
LTE Band 71_Ant 0 TX0	0.314	0.051	0.253	0.786	0.871	0.886	0.862	0.874	0.761	1.000	0.808	0.876	0.879	0.794	0.840	0.838	0.780
FR1 n7_Ant 0 TX0	0.325	0.051	0.253	1.057	1.162	1.197	1.173	1.185	1.073	1.311	1.119	1.187	1.189	1.105	1.151	1.148	1.091
FR1 n12_Ant 0 TX0	0.346	0.051	0.253	0.917	1.002	1.017	0.993	1.005	0.892	1.131	0.938	1.007	1.010	0.925	0.971	0.968	0.911
FR1 n14_Ant 0 TX0	0.485	0.051	0.253	1.053	1.138	1.153	1.129	1.141	1.028	1.267	1.075	1.143	1.146	1.061	1.107	1.105	1.047
FR1 n25_Ant 0 TX0	0.504	0.051	0.253	1.076	1.161	1.176	1.152	1.164	1.051	1.290	1.098	1.166	1.169	1.084	1.130	1.128	1.070
FR1 n26_Ant 0 TX0	0.575	0.051	0.253	1.147	1.232	1.247	1.223	1.235	1.122	1.361	1.169	1.237	1.240	1.155	1.201	1.199	1.141
FR1 n30_Ant 0 TX0	0.369	0.051	0.253	0.940	1.025	1.040	1.016	1.028	0.915	1.179	0.967	1.030	1.033	0.948	0.994	0.992	0.934
FR1 n41_Ant 0 TX0	0.452	0.051	0.253	1.024	1.109	1.124	1.100	1.112	0.999	1.238	1.046	1.114	1.117	1.032	1.079	1.076	1.018
FR1 n66_Ant 0 TX0	0.448	0.051	0.253	1.018	1.103	1.118	1.094	1.106	0.993	1.232	1.040	1.108	1.111	1.026	1.072	1.070	1.012
FR1 n70_Ant 0 TX0	0.322	0.051	0.253	1.114	1.209	1.224	1.200	1.212	1.090	1.338	1.146	1.214	1.217	1.132	1.178	1.176	1.118
FR1 n71_Ant 0 TX0	0.263	0.051	0.253	0.835	0.910	0.925	0.901	0.913	0.800	1.039	0.847	0.910	0.913	0.833	0.879	0.877	0.819

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	44.5	1.31	0.03	Not required
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	135.6	0.53	0.00	Not required
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	156.8	0.88	0.01	Not required
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0	42.3	0.30	0.00	Not required
WLAN5/6G Ant 4+3	0.253	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	150.9	0.70	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	160.7	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0	42.3	0.27	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0	68.3	0.30	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				

<Case 29>

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)			0.399	0.359	0.368	0.344	0.356	0.343	0.482	0.390	0.359	0.361	0.276	0.319	0.330	0.262
				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	0.825	0.092	0.253	1.438	1.523	1.538	1.516	1.526	1.413	1.482	1.460	1.526	1.521	1.446	1.482	1.490	1.432
GSM1900_Ant 0 TX0	0.208	0.092	0.253	0.952	1.037	1.052	1.028	1.040	0.927	1.166	0.974	1.042	1.045	0.960	1.006	1.004	0.946
WCDMA II_Ant 0 TX0	0.479	0.092	0.253	1.032	1.177	1.192	1.169	1.180	1.067	1.306	1.114	1.182	1.185	1.100	1.146	1.144	1.086
WCDMA IV_Ant 0 TX0	0.470	0.092	0.253	1.003	1.148	1.163	1.139	1.171	1.038	1.297	1.105	1.173	1.175	1.091	1.137	1.135	1.077
WCDMA V_Ant 0 TX0	0.532	0.092	0.253	1.145	1.230	1.245	1.221	1.233	1.130	1.359	1.167	1.235	1.238	1.153	1.199	1.197	1.139
LTE Band 7_Ant 0 TX0	0.372	0.092	0.253	0.995	1.070	1.095	1.061	1.073	0.960	1.199	1.007	1.075	1.078	0.993	1.039	1.037	0.979
LTE Band 12_Ant 0 TX0	0.340	0.092	0.253	0.953	1.038	1.053	1.029	1.041	0.926	1.167	0.975	1.043	1.046	0.961	1.007	1.005	0.947
LTE Band 13_Ant 0 TX0	0.366	0.092	0.253	1.010	1.095	1.103	1.079	1.091	0.978	1.217	1.025	1.093	1.094	1.011	1.057	1.055	0.997
LTE Band 14_Ant 0 TX0	0.383	0.092	0.253	0.996	1.081	1.096	1.072	1.084	0.971	1.210	1.018	1.086	1.089	1.004	1.050	1.048	0.990
LTE Band 25_Ant 0 TX0	0.398	0.092	0.253	1.011	1.096	1.111	1.087	1.099	0.986	1.225	1.033	1.101	1.104	1.019	1.065	1.063	1.005
LTE Band 26_Ant 0 TX0	0.370	0.092	0.253	1.183	1.268	1.283	1.259	1.271	1.158	1.397	1.206	1.273	1.276	1.191	1.237	1.235	1.177
LTE Band 30_Ant 0 TX0	0.440	0.092	0.253	1.053	1.138	1.153	1.129	1.141	1.028	1.267	1.075	1.143	1.146	1.061	1.107	1.105	1.047
LTE Band 41_Ant 0 TX0	0.364	0.092	0.253	0.977	1.062	1.077	1.053	1.065	0.952	1.181	0.998	1.067	1.070	0.985	1.031	1.029	0.971
LTE Band 66_Ant 0 TX0	0.402	0.092	0.253	1.015	1.100	1.115	1.091	1.103	0.990	1.229	1.037	1.105	1.108	1.023	1.069	1.067	1.009
LTE Band 71_Ant 0 TX0	0.214	0.092	0.253	0.827	0.912	0.927	0.903	0.915	0.802	1.041	0.849	0.917	0.920	0.835	0.881	0.879	0.821
FR1 n7_Ant 0 TX0	0.325	0.092	0.253	1.139	1.223	1.238	1.214	1.226	1.113	1.352	1.165	1.233	1.231	1.145	1.193	1.190	1.132
FR1 n25_Ant 0 TX0	0.345	0.092	0.253	0.918	1.043	1.058	1.034	1.046	0.933	1.172	0.980	1.048	1.051	0.966	1.012	1.010	0.952
FR1 n30_Ant 0 TX0	0.481	0.092	0.253	1.094	1.179	1.194	1.170	1.182	1.069	1.308	1.118	1.184	1.187	1.102	1.148	1.146	1.088
FR1 n41_Ant 0 TX0	0.504	0.092	0.253	1.117	1.202	1.217	1.193	1.205	1.092	1.331	1.138	1.207	1.210	1.125	1.171	1.168	1.111
FR1 n66_Ant 0 TX0	0.375	0.092	0.253	1.168	1.273	1.288	1.264	1.276	1.163	1.403	1.210	1.279	1.281	1.196	1.242	1.240	1.182
FR1 n70_Ant 0 TX0	0.369	0.092	0.253	1.036	1.091	1.106	1.082	1.094	0.981	1.233	1.038	1.096	1.099	1.014	1.060	1.058	1.000
FR1 n71_Ant 0 TX0	0.452	0.092	0.253	1.085	1.193	1.165	1.141	1.153	1.040	1.279	1.087	1.155	1.158	1.073	1.119	1.117	1.059
FR1 n66_Ant 0 TX1	0.448	0.092	0.253	1.059	1.144	1.159	1.135	1.147	1.034	1.273	1.081	1.149	1.152	1.067	1.113	1.111	1.053
FR1 n70_Ant 0 TX1	0.522	0.092	0.253	1.143	1.250	1.265	1.241	1.253	1.140	1.379	1.187	1.255	1.258	1.172	1.219	1.217	1.159
FR1 n71_Ant 0 TX0	0.253	0.092	0.253	0.916	0.951	0.966	0.942	0.954	0.841	1.080	0.898	0.956	0.959	0.874	0.920	0.918	0.860

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	44.5	1.31	0.03	Not required
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	129.5	0.57	0.00	Not required
WLAN2.4G Ant 4+3	0.092	14.0	38.5	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	124.5	0.92	0.01	Not required
WLAN2.4G Ant 4+3	0.092	14.0	38.5	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
WLAN2.4G Ant 4+3	0.092	14.0	38.5	-207.0	25.1	0.35	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	147.3	0.56	0.00	Not required
WLAN2.4G Ant 4+3(4)	0.076	-62.5	75.0	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	129.5	0.57	0.00	Not required
WLAN2.4G Ant 4+3(3)	0.092	14.0	38.5	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	166.9	0.90	0.01	Not required
WLAN2.4G Ant 4+3(4)	0.076	-62.5	75.0	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	124.5	0.92	0.01	Not required
WLAN2.4G Ant 4+3(3)	0.092	14.0	38.5	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	150.9	0.70	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	160.7	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
WLAN2.4G Ant 4+3(4)	0.076	-62.5	75.0	-207.0	36.6	0.29	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
WLAN2.4G Ant 4+3(3)	0.092	14.0	38.5	-207.0	55.0	0.31	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
WLAN2.4G Ant 4+3(4)	0.076	-62.5	75.0	-207.0	66.4	0.33	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
WLAN2.4G Ant 4+3(3)	0.092	14.0	38.5	-207.0	25.1	0.35	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				

<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	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)			0.268	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.361	0.276	0.320	0.330	0.262
				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 0 TX0	0.825	0.253	0.173	1.529	1.606	1.618	1.595	1.607	1.494	1.720	1.541	1.609	1.613	1.527	1.573	1.571	1.513
GSM1900_Ant 0 TX0	0.208	0.253	0.173	1.033	1.118	1.133	1.109	1.121	1.008	1.247	1.055	1.123	1.126	1.041	1.087	1.085	1.027
WCDMA II_Ant 0 TX0	0.479	0.253	0.173	1.172	1.258	1.273	1.249	1.261	1.148	1.387	1.195	1.263	1.264	1.181	1.227	1.225	1.167
WCDMA IV_Ant 0 TX0	0.470	0.253	0.173	1.164	1.249	1.264	1.240	1.252	1.139	1.378	1.186	1.254	1.257	1.172	1.218	1.216	1.158
WCDMA V_Ant 0 TX0	0.532	0.253	0.173	1.226	1.311	1.326	1.302	1.314	1.201	1.440	1.248	1.316	1.319	1.234	1.280	1.279	1.220
LTE Band 7_Ant 0 TX0	0.372	0.253	0.173	1.066	1.151	1.166	1.142	1.154	1.041	1.280	1.088	1.156	1.159	1.074	1.120	1.118	1.060
LTE Band 12_Ant 0 TX0	0.340	0.253	0.173	1.034	1.119	1.134	1.110	1.122	1.009	1.248	1.056	1.124	1.127	1.042	1.088	1.086	1.028
LTE Band 13_Ant 0 TX0	0.366	0.253	0.173	1.060	1.145	1.160	1.136	1.148	1.035	1.274	1.082	1.150	1.153	1.068	1.114	1.112	1.054
LTE Band 14_Ant 0 TX0	0.383	0.253	0.173	1.077	1.162	1.177	1.153	1.165	1.052	1.291	1.099	1.167	1.170	1.085	1.131	1.129	1.071
LTE Band 25_Ant 0 TX0	0.398	0.253	0.173	1.092	1.177	1.192	1.168	1.180	1.067	1.306	1.114	1.182	1.185	1.100	1.146	1.144	1.086
LTE Band 26_Ant 0 TX0	0.370	0.253	0.173	1.064	1.149	1.164	1.140	1.152	1.039	1.278	1.086	1.154	1.157	1.072	1.118	1.116	1.058
LTE Band 30_Ant 0 TX0	0.440	0.253	0.173	1.134	1.219	1.234	1.210	1.222	1.109	1.348	1.156	1.224	1.227	1.142	1.188	1.186	1.128
LTE Band 41_Ant 0 TX0	0.364	0.253	0.173	1.058	1.143	1.158	1.134	1.146	1.033	1.272	1.080	1.148	1.151	1.066	1.112	1.110	1.052
LTE Band 66_Ant 0 TX0	0.402	0.253	0.173	1.096	1.181	1.196	1.172	1.184	1.071	1.310	1.118	1.186	1.189	1.104	1.150	1.148	1.090
LTE Band 71_Ant 0 TX0	0.314	0.253	0.173	0.968	0.993	1.008	0.984	0.994	0.883	1.122	0.930	0.993	1.001	0.916	0.962	0.960	0.902
FR1 n7_Ant 0 TX0	0.325	0.253	0.173	1.019	1.104	1.119	1.095	1.107	1.044	1.433	1.241	1.209	1.312	1.227	1.273	1.271	1.213
FR1 n12_Ant 0 TX0	0.346	0.253	0.173	1.039	1.124	1.139	1.115	1.127	1.014	1.353	1.091	1.129	1.132	1.047	1.093	1.091	1.033
FR1 n14_Ant 0 TX0	0.481	0.253	0.173	1.175	1.260	1.275	1.251	1.263	1.150	1.389	1.197	1.265	1.268	1.183	1.229	1.227	1.169
FR1 n25_Ant 0 TX0	0.504	0.253	0.173	1.198	1.283	1.298	1.274	1.286	1.173	1.412	1.220	1.288	1.291	1.206	1.252	1.250	1.192
FR1 n26_Ant 0 TX0	0.375	0.253	0.173	1.069	1.154	1.169	1.145	1.157	1.044	1.403	1.091	1.159	1.162	1.077	1.123	1.121	1.063
FR1 n30_Ant 0 TX0	0.368	0.253	0.173	1.062	1.147	1.162	1.163	1.175	1.062	1.391	1.108	1.177	1.180	1.095	1.141	1.139	1.081
FR1 n41_Ant 0 TX0	0.452	0.253	0.173	1.146	1.231	1.246	1.222	1.234	1.121	1.360	1.188	1.256	1.259	1.154	1.200	1.198	1.140
FR1 n66_Ant 0 TX0	0.446	0.253	0.173	1.140	1.225	1.240	1.216	1.228	1.115	1.354	1.182	1.250	1.253	1.148	1.194	1.192	1.134
FR1 n70_Ant 0 TX0	0.332	0.253	0.173	1.040	1.101	1.116	1.122	1.104	1.031	1.460	1.058	1.106	1.109	1.054	1.100	1.098	1.040
FR1 n71_Ant 0 TX0	0.253	0.253	0.173	0.947	1.032	1.047	1.023	1.035	0.932	1.191	0.968	1.037	1.040	0.955	1.001	0.998	0.941

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-41.9	-62.3	-207.0	37.9	1.31	0.04	Not required
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	111.9	0.66	0.00	Not required
Bluetooth Ant 3	0.173	14.0	36.0	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	122.1	1.00	0.01	Not required
Bluetooth Ant 3	0.173	14.0	36.0	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	128.3	0.74	0.00	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Bluetooth Ant 3	0.173	14.0	36.0	-207.0	27.3	0.43	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 2	0.482	-54.6	-55.9	-207.0	135.4	0.70	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	128.3	0.74	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	160.7	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Bluetooth Ant 3	0.173	14.0	36.0	-207.0	56.8	0.39	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Bluetooth Ant 3	0.173	14.0	36.0	-207.0	27.3	0.43	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				

<Case 31>

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)			0.299	0.353	0.368	0.344	0.356	0.243	0.482	0.299	0.359	0.361	0.276	0.320	0.330	0.262
				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	0.825	0.253	0.204	1.550	1.626	1.658	1.626	1.639	1.535	1.764	1.572	1.640	1.643	1.558	1.604	1.602	1.546
GSM1900_Ant 0 TX1	0.338	0.253	0.204	1.064	1.149	1.164	1.140	1.152	1.039	1.278	1.086	1.154	1.157	1.072	1.118	1.116	1.068
WCDMA II_Ant 0 TX1	0.479	0.253	0.204	1.204	1.289	1.304	1.280	1.292	1.179	1.418	1.226	1.294	1.297	1.212	1.258	1.256	1.208
WCDMA IV_Ant 0 TX1	0.470	0.253	0.204	1.195	1.280	1.295	1.271	1.283	1.170	1.409	1.217	1.285	1.288	1.203	1.249	1.247	1.199
WCDMA V_Ant 0 TX0	0.532	0.253	0.204	1.257	1.342	1.357	1.333	1.345	1.232	1.471	1.279	1.347	1.350	1.265	1.311	1.309	1.251
LTE Band 7_Ant 0 TX0	0.372	0.253	0.204	1.097	1.182	1.197	1.173	1.185	1.072	1.311	1.118	1.187	1.190	1.105	1.151	1.148	1.091
LTE Band 12_Ant 0 TX0	0.340	0.253	0.204	1.065	1.150	1.165	1.141	1.153	1.040	1.279	1.087	1.155	1.158	1.072	1.119	1.117	1.059
LTE Band 13_Ant 0 TX0	0.366	0.253	0.204	1.115	1.200	1.215	1.191	1.203	1.090	1.329	1.137	1.205	1.208	1.122	1.169	1.167	1.109
LTE Band 14_Ant 0 TX0	0.383	0.253	0.204	1.128	1.213	1.228	1.204	1.216	1.103	1.342	1.150	1.218	1.221	1.135	1.182	1.180	1.122
LTE Band 25_Ant 0 TX0	0.398	0.253	0.204	1.122	1.208	1.223	1.199	1.211	1.098	1.337	1.145	1.213	1.216	1.131	1.177	1.175	1.117
LTE Band 26_Ant 0 TX0	0.370	0.253	0.204	1.095	1.180	1.195	1.171	1.183	1.070	1.309	1.117	1.185	1.188	1.103	1.149	1.147	1.089
LTE Band 30_Ant 0 TX0	0.440	0.253	0.204	1.165	1.250	1.265	1.241	1.253	1.140	1.379	1.187	1.255	1.258	1.173	1.219	1.217	1.159
LTE Band 41_Ant 0 TX0	0.364	0.253	0.204	1.089	1.174	1.189	1.165	1.177	1.064	1.303	1.111	1.179	1.182	1.097	1.143	1.141	1.083
LTE Band 66_Ant 0 TX0	0.402	0.253	0.204	1.127	1.212	1.227	1.203	1.215	1.102	1.341	1.148	1.217	1.220	1.135	1.181	1.179	1.121
LTE Band 71_Ant 0 TX0	0.314	0.253	0.204	0.939	1.024	1.039	1.015	1.027	0.914	1.153	0.961	1.029	1.032	0.947	0.993	0.991	0.933
FR1 n7_Ant 0 TX1	0.325	0.253	0.204	1.050	1.135	1.150	1.126	1.138	1.025	1.264	1.073	1.140	1.143	1.058	1.104	1.102	1.044
FR1 n12_Ant 0 TX0	0.346	0.253	0.204	1.070	1.155	1.170	1.146	1.158	1.045	1.284	1.092	1.160	1.163	1.078	1.124	1.122	1.064
FR1 n14_Ant 0 TX0	0.481	0.253	0.204	1.206	1.291	1.306	1.282	1.294	1.181	1.420	1.228	1.296	1.299	1.214	1.260	1.258	1.200
FR1 n25_Ant 0 TX1	0.504	0.253	0.204	1.229	1.314	1.329	1.305	1.317	1.204	1.443	1.251	1.319	1.322	1.237	1.283	1.281	1.223
FR1 n26_Ant 0 TX1	0.375	0.253	0.204	1.100	1.185	1.200	1.176	1.188	1.075	1.314	1.122	1.190	1.193	1.108	1.154	1.152	1.094
FR1 n30_Ant 0 TX1	0.390	0.253	0.204	1.116	1.201	1.216	1.191	1.204	1.093	1.330	1.140	1.209	1.211	1.126	1.172	1.170	1.112
FR1 n41_Ant 0 TX1	0.452	0.253	0.204	1.177	1.262	1.277	1.253	1.265	1.152	1.391	1.198	1.267	1.270	1.185	1.231	1.229	1.171
FR1 n66_Ant 0 TX1	0.448	0.253	0.204	1.171	1.256	1.271	1.247	1.259	1.146	1.385	1.193	1.261	1.264	1.179	1.225	1.223	1.165
FR1 n70_Ant 0 TX1	0.332	0.253	0.204	1.077	1.162	1.177	1.153	1.165	1.052	1.291	1.098	1.167	1.170	1.085	1.131	1.129	1.071
FR1 n71_Ant 0 TX0	0.253	0.253	0.204	0.978	1.063	1.078	1.054	1.066	0.953	1.192	1.000	1.069	1.071	0.986	1.032	1.030	0.972

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-42.4	-64.8	-207.0	37.0	1.31	0.04	Not required
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-54.6	-55.9	-207.0	128.2	0.69	0.00	Not required
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	164.5	1.03	0.01	Not required
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	128.3	0.74	0.00	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0	38.4	0.46	0.01	Not required
WLAN5/6G Ant 4+3	0.253	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-54.6	-55.9	-207.0	135.4	0.70	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	128.3	0.74	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	160.7	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0	38.4	0.42	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0	67.3	0.46	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				

<Case 32>

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 38_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 n38_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)			0.299	0.353	0.368	0.344	0.356	0.243	0.482	0.299	0.359	0.361	0.276	0.319	0.330	0.262
				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	0.825	0.253	0.119	1.485	1.550	1.565	1.541	1.553	1.440	1.679	1.487	1.655	1.558	1.473	1.519	1.517	1.459
GSM1900_Ant 0 TX0	0.338	0.253	0.119	0.978	1.064	1.079	1.055	1.067	0.954	1.193	1.001	1.069	1.072	0.987	1.033	1.031	0.973
WCDMA II_Ant 0 TX0	0.479	0.253	0.119	1.119	1.204	1.219	1.195	1.207	1.094	1.333	1.141	1.209	1.212	1.127	1.173	1.171	1.113
WCDMA IV_Ant 0 TX0	0.479	0.253	0.119	1.119	1.195	1.210	1.186	1.198	1.085	1.324	1.132	1.200	1.203	1.118	1.164	1.162	1.104
WCDMA V_Ant 0 TX0	0.532	0.253	0.119	1.172	1.257	1.272	1.248	1.260	1.147	1.386	1.184	1.262	1.265	1.180	1.226	1.224	1.165
LTE Band 7_Ant 0 TX0	0.372	0.253	0.119	1.012	1.097	1.112	1.088	1.100	0.987	1.226	1.034	1.102	1.105	1.020	1.066	1.064	1.006
LTE Band 12_Ant 0 TX0	0.340	0.253	0.119	0.980	1.065	1.080	1.056	1.068	0.955	1.194	1.002	1.070	1.073	0.988	1.034	1.032	0.974
LTE Band 13_Ant 0 TX0	0.366	0.253	0.119	1.006	1.091	1.106	1.082	1.094	0.981	1.220	1.028	1.096	1.099	1.014	1.060	1.058	1.000
LTE Band 14_Ant 0 TX0	0.383	0.253	0.119	1.023	1.108	1.123	1.099	1.111	0.998	1.237	1.045	1.113	1.116	1.031	1.077	1.075	1.017
LTE Band 25_Ant 0 TX0	0.398	0.253	0.119	1.038	1.123	1.138	1.114	1.126	1.013	1.252	1.060	1.128	1.131	1.046	1.092	1.090	1.032
LTE Band 26_Ant 0 TX0	0.370	0.253	0.119	1.010	1.095	1.110	1.086	1.098	1.185	1.424	1.232	1.300	1.303	1.218	1.264	1.262	1.204
LTE Band 30_Ant 0 TX0	0.440	0.253	0.119	1.080	1.165	1.180	1.156	1.168	1.055	1.294	1.102	1.170	1.173	1.088	1.134	1.132	1.074
LTE Band 41_Ant 0 TX0	0.364	0.253	0.119	1.004	1.089	1.104	1.080	1.092	0.979	1.218	1.026	1.094	1.097	1.012	1.058	1.056	0.998
LTE Band 66_Ant 0 TX0	0.402	0.253	0.119	1.042	1.127	1.142	1.118	1.130	1.017	1.256	1.064	1.132	1.135	1.050	1.096	1.094	1.036
LTE Band 71_Ant 0 TX0	0.314	0.253	0.119	0.954	0.939	0.954	0.920	0.942	0.829	1.068	0.876	0.944	0.947	0.862	0.909	0.906	0.848
FR1 n7_Ant 0 TX0	0.326	0.253	0.119	1.105	1.203	1.266	1.241	1.253	1.145	1.379	1.187	1.255	1.258	1.173	1.219	1.217	1.159
FR1 n38_Ant 0 TX0	0.346	0.253	0.119	0.985	1.070	1.085	1.061	1.073	0.960	1.199	1.007	1.075	1.078	0.993	1.039	1.037	0.979
FR1 n41_Ant 0 TX0	0.481	0.253	0.119	1.121	1.206	1.221	1.197	1.209	1.096	1.335	1.143	1.211	1.214	1.129	1.175	1.173	1.115
FR1 n25_Ant 0 TX0	0.504	0.253	0.119	1.144	1.229	1.244	1.220	1.232	1.119	1.358	1.166	1.234	1.237	1.152	1.198	1.196	1.138
FR1 n26_Ant 0 TX0	0.375	0.253	0.119	1.015	1.100	1.115	1.091	1.103	1.190	1.429	1.237	1.305	1.308	1.223	1.269	1.267	1.209
FR1 n66_Ant 0 TX0	0.390	0.253	0.119	1.030	1.116	1.131	1.106	1.121	1.008	1.347	1.155	1.223	1.226	1.141	1.187	1.185	1.127
FR1 n48_Ant 0 TX0	0.452	0.253	0.119	1.092	1.177	1.192	1.168	1.180	1.067	1.306	1.114	1.182	1.185	1.100	1.146	1.144	1.086
FR1 n66_Ant 0 TX0	0.448	0.253	0.119	1.086	1.171	1.186	1.162	1.174	1.061	1.300	1.108	1.176	1.179	1.094	1.140	1.138	1.080
FR1 n70_Ant 0 TX0	0.322	0.253	0.119	1.142	1.277	1.292	1.268	1.280	1.167	1.406	1.214	1.282	1.285	1.200	1.246	1.244	1.186
FR1 n71_Ant 0 TX0	0.263	0.253	0.119	0.933	0.978	0.993	0.969	0.981	0.868	1.107	0.916	0.983	0.986	0.901	0.947	0.945	0.887

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	44.5	1.31	0.03	Not required
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	128.3	0.60	0.00	Not required
Bluetooth Ant 4+3	0.119	18.0	34.5	-210.2				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	121.5	0.94	0.01	Not required
Bluetooth Ant 4+3	0.119	18.0	34.5	-210.2				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Bluetooth Ant 4+3	0.119	18.0	34.5	-210.2	30.7	0.37	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.1	0.57	0.00	Not required
Bluetooth Ant 4+3(4)	0.090	-58.0	72.0	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	128.3	0.60	0.00	Not required
Bluetooth Ant 4+3(3)	0.119	18.0	34.5	-210.2				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	162.7	0.92	0.01	Not required
Bluetooth Ant 4+3(4)	0.090	-58.0	72.0	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	121.5	0.94	0.01	Not required
Bluetooth Ant 4+3(3)	0.119	18.0	34.5	-210.2				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	150.9	0.70	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	160.7	1.04	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Bluetooth Ant 4+3(4)	0.090	-58.0	72.0	-207.0	32.4	0.31	0.01	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Bluetooth Ant 4+3(3)	0.119	18.0	34.5	-210.2	60.8	0.34	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.216	-25.9	76.4	-207.0				
Bluetooth Ant 4+3(4)	0.090	-58.0	72.0	-207.0	61.3	0.34	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				
Bluetooth Ant 4+3(3)	0.119	18.0	34.5	-210.2	30.7	0.37	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.253	2.3	60.7	-207.0				

<Case 33>

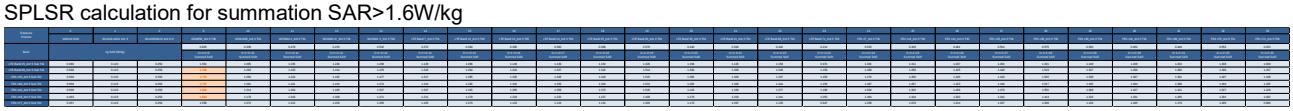
SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22
	WWAN SAR	WLAN5/6G Ant 4+3	Thread Ant 3	GSM/850_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)			0.288	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.361	0.276	0.319	0.330	0.262
				0+3+7+8 Summed SAR	0+3+7+10 Summed SAR	0+3+7+11 Summed SAR	0+3+7+12 Summed SAR	0+3+7+13 Summed SAR	0+3+7+14 Summed SAR	0+3+7+15 Summed SAR	0+3+7+16 Summed SAR	0+3+7+17 Summed SAR	0+3+7+18 Summed SAR	0+3+7+19 Summed SAR	0+3+7+20 Summed SAR	0+3+7+21 Summed SAR	0+3+7+22 Summed SAR
GSM/850_Ant 0 TX0	0.825	0.253	0.144	1.490	1.575	1.590	1.565	1.579	1.485	1.764	1.522	1.580	1.583	1.488	1.544	1.542	1.484
GSM/850_Ant 0 TX0	0.208	0.253	0.144	1.054	1.089	1.104	1.080	1.092	0.979	1.218	1.026	1.084	1.087	1.012	1.058	1.056	0.998
WCDMA II_Ant 0 TX0	0.479	0.253	0.144	1.144	1.229	1.244	1.220	1.232	1.119	1.358	1.166	1.214	1.217	1.132	1.188	1.186	1.138
WCDMA IV_Ant 0 TX0	0.470	0.253	0.144	1.135	1.220	1.235	1.211	1.223	1.110	1.349	1.157	1.205	1.208	1.143	1.189	1.187	1.129
WCDMA V_Ant 0 TX0	0.532	0.253	0.144	1.197	1.282	1.297	1.273	1.285	1.172	1.411	1.219	1.267	1.269	1.205	1.251	1.249	1.191
LTE Band 7_Ant 0 TX0	0.372	0.253	0.144	1.037	1.122	1.137	1.113	1.125	1.012	1.251	1.059	1.127	1.130	1.045	1.091	1.089	1.031
LTE Band 12_Ant 0 TX0	0.340	0.253	0.144	1.005	1.090	1.105	1.081	1.093	0.980	1.219	1.027	1.095	1.098	1.013	1.059	1.057	0.999
LTE Band 13_Ant 0 TX0	0.366	0.253	0.144	1.030	1.115	1.131	1.107	1.119	1.006	1.269	1.077	1.145	1.148	1.062	1.109	1.107	1.049
LTE Band 14_Ant 0 TX0	0.383	0.253	0.144	1.048	1.133	1.148	1.124	1.136	1.023	1.282	1.070	1.139	1.141	1.056	1.102	1.100	1.042
LTE Band 25_Ant 0 TX0	0.398	0.253	0.144	1.063	1.148	1.163	1.139	1.151	1.038	1.277	1.085	1.153	1.156	1.071	1.117	1.115	1.057
LTE Band 26_Ant 0 TX0	0.370	0.253	0.144	1.035	1.120	1.135	1.111	1.123	1.010	1.249	1.057	1.125	1.128	1.043	1.089	1.087	1.029
LTE Band 30_Ant 0 TX0	0.440	0.253	0.144	1.105	1.190	1.205	1.181	1.193	1.080	1.319	1.127	1.195	1.198	1.113	1.159	1.157	1.099
LTE Band 41_Ant 0 TX0	0.364	0.253	0.144	1.029	1.114	1.129	1.105	1.117	1.004	1.243	1.051	1.119	1.122	1.037	1.083	1.081	1.023
LTE Band 66_Ant 0 TX0	0.402	0.253	0.144	1.067	1.152	1.167	1.143	1.155	1.042	1.281	1.089	1.157	1.160	1.075	1.121	1.119	1.061
LTE Band 71_Ant 0 TX0	0.214	0.253	0.144	0.879	0.964	0.979	0.955	0.967	0.854	1.093	0.901	0.969	0.972	0.887	0.933	0.931	0.873
FR1 n7_Ant 0 TX0	0.325	0.253	0.144	1.190	1.275	1.290	1.266	1.278	1.165	1.404	1.212	1.280	1.283	1.199	1.244	1.242	1.184
FR1 n25_Ant 0 TX0	0.346	0.253	0.144	1.010	1.095	1.110	1.086	1.098	0.985	1.224	1.032	1.100	1.103	1.018	1.064	1.062	1.004
FR1 n30_Ant 0 TX0	0.481	0.253	0.144	1.146	1.231	1.246	1.222	1.234	1.121	1.360	1.168	1.236	1.239	1.154	1.200	1.198	1.140
FR1 n41_Ant 0 TX0	0.504	0.253	0.144	1.169	1.254	1.269	1.245	1.257	1.144	1.383	1.191	1.259	1.262	1.177	1.223	1.221	1.163
FR1 n66_Ant 0 TX0	0.575	0.253	0.144	1.240	1.325	1.340	1.316	1.328	1.215	1.454	1.262	1.330	1.333	1.248	1.294	1.292	1.234
FR1 n70_Ant 0 TX0	0.369	0.253	0.144	1.034	1.119	1.134	1.110	1.122	1.009	1.272	1.080	1.149	1.151	1.066	1.112	1.110	1.052
FR1 n66_Ant 0 TX0	0.452	0.253	0.144	1.117	1.202	1.217	1.193	1.205	1.092	1.331	1.139	1.207	1.210	1.125	1.171	1.169	1.111
FR1 n66_Ant 0 TX0	0.448	0.253	0.144	1.111	1.196	1.211	1.187	1.199	1.086	1.325	1.133	1.201	1.204	1.119	1.165	1.163	1.105
FR1 n70_Ant 0 TX0	0.332	0.253	0.144	1.217	1.302	1.317	1.293	1.305	1.192	1.431	1.239	1.307	1.310	1.225	1.271	1.269	1.211
FR1 n70_Ant 0 TX0	0.263	0.253	0.144	0.918	1.003	1.018	0.994	1.006	0.893	1.132	0.940	1.009	1.011	0.926	0.972	0.970	0.913

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	44.5	1.31	0.03	Not required
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	144.0	0.74	0.00	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	144.9	1.08	0.01	Not required
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	113.1	0.63	0.00	Not required
Thread Ant 3	0.144	17.5	35.0	-210.2				
Max WWAN Ant 0	0.825	-10.5	-83.6	-207.0	121.9	0.97	0.01	Not required
Thread Ant 3	0.144	17.5	35.0	-210.2				
WLAN5/6G Ant 4+3	0.253	2.3	60.7	-207.0	30.0	0.40	0.01	Not required
Thread Ant 3	0.144	17.5	35.0	-210.2				

<Case 34>

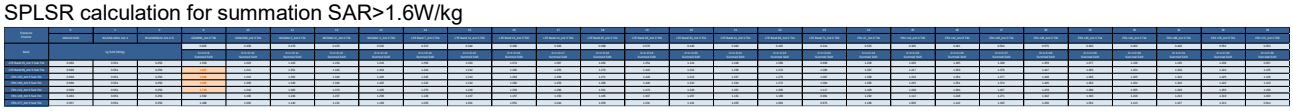
SPLSR calculation for summation SAR>1.6W/kg

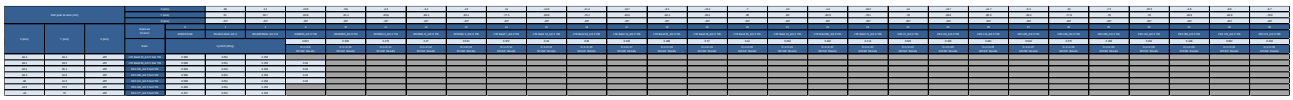




<Case 35>

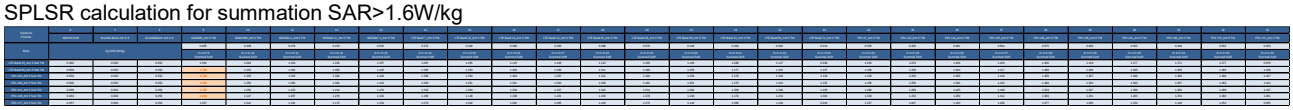
SPLSR calculation for summation SAR>1.6W/kg

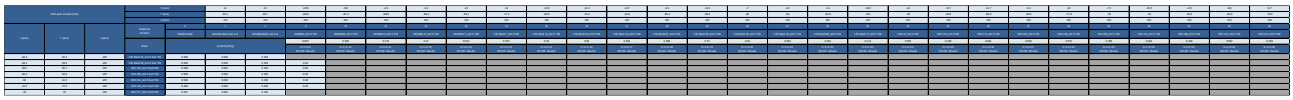




<Case 36>

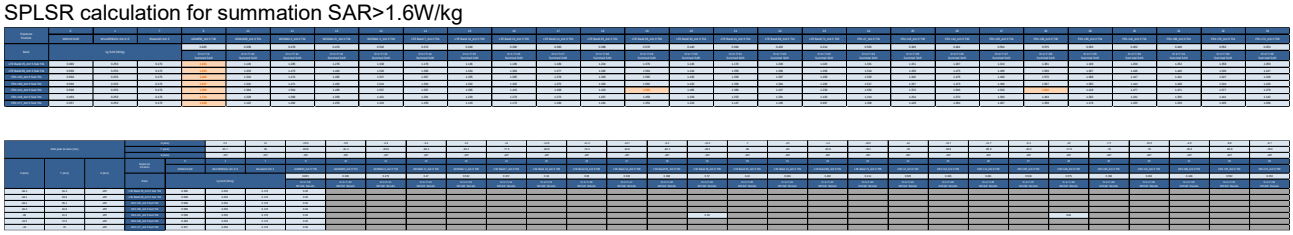
SPLSR calculation for summation SAR>1.6W/kg





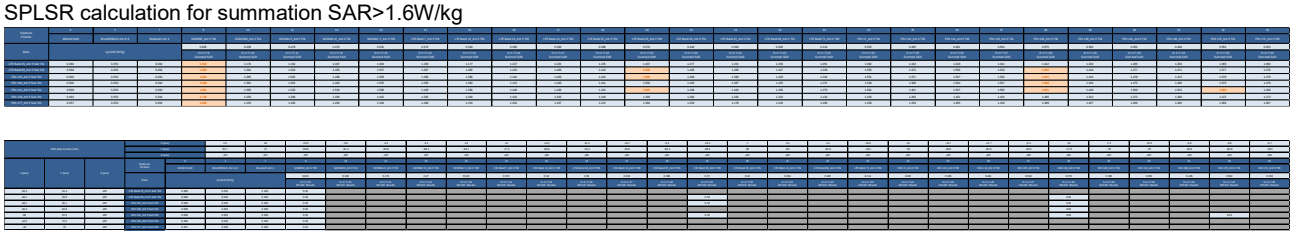
<Case 37>

SPLSR calculation for summation SAR>1.6W/kg



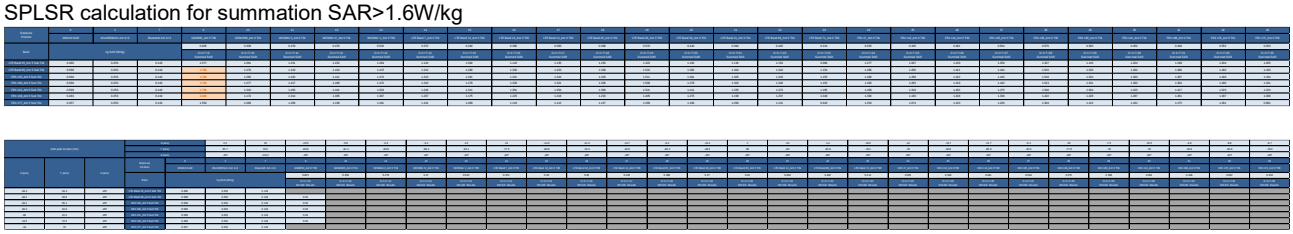
<Case 38>

SPLSR calculation for summation SAR>1.6W/kg



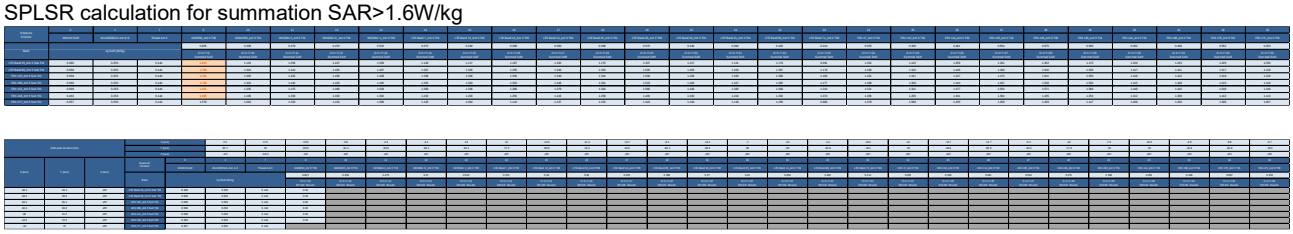
<Case 39>

SPLSR calculation for summation SAR>1.6W/kg



<Case 40>

SPLSR calculation for summation SAR>1.6W/kg



<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 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.296	0.324	0.346
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 0 TX0	0.825	0.253	0.173	1.547	1.575	1.597
GSM1900_Ant 0 TX1	0.339	0.253	0.173	1.061	1.089	1.111
WCDMA II_Ant 0 TX1	0.479	0.253	0.173	1.201	1.229	1.251
WCDMA IV_Ant 0 TX1	0.470	0.253	0.173	1.192	1.220	1.242
WCDMA V_Ant 0 TX0	0.532	0.253	0.173	1.254	1.282	1.304
LTE Band 7_Ant 0 TX1	0.372	0.253	0.173	1.094	1.122	1.144
LTE Band 12_Ant 0 TX0	0.340	0.253	0.173	1.062	1.090	1.112
LTE Band 13_Ant 0 TX0	0.390	0.253	0.173	1.112	1.140	1.162
LTE Band 14_Ant 0 TX0	0.383	0.253	0.173	1.105	1.133	1.155
LTE Band 25_Ant 0 TX1	0.398	0.253	0.173	1.120	1.148	1.170
LTE Band 26_Ant 0 TX0	0.570	0.253	0.173	1.292	1.320	1.342
LTE Band 30_Ant 0 TX1	0.440	0.253	0.173	1.162	1.190	1.212
LTE Band 41_Ant 0 TX1	0.364	0.253	0.173	1.086	1.114	1.136
LTE Band 66_Ant 0 TX1	0.402	0.253	0.173	1.124	1.152	1.174
LTE Band 71_Ant 0 TX0	0.214	0.253	0.173	0.936	0.964	0.986
FR1 n7_Ant 0 TX1	0.525	0.253	0.173	1.247	1.275	1.297
FR1 n12_Ant 0 TX0	0.345	0.253	0.173	1.067	1.095	1.117
FR1 n14_Ant 0 TX0	0.481	0.253	0.173	1.203	1.231	1.253
FR1 n25_Ant 0 TX1	0.504	0.253	0.173	1.226	1.254	1.276
FR1 n26_Ant 0 TX0	0.575	0.253	0.173	1.297	1.325	1.347
FR1 n30_Ant 0 TX1	0.393	0.253	0.173	1.115	1.143	1.165
FR1 n41_Ant 0 TX1	0.452	0.253	0.173	1.174	1.202	1.224
FR1 n66_Ant 0 TX1	0.446	0.253	0.173	1.168	1.196	1.218
FR1 n70_Ant 0 TX1	0.552	0.253	0.173	1.274	1.302	1.324
FR1 n71_Ant 0 TX0	0.253	0.253	0.173	0.975	1.003	1.025

SAR peak location (mm)			X (axis)		2.3	14	-56.5	-65.5	-59
			Y (axis)		60.7	36	-54.5	-52.5	-52
			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)			0.296	0.324	0.346
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-10.5	-83.6	-207	GSM850_Ant 0 TX0	0.825	0.253	0.173			0.03
-5.6	-81.4	-207	GSM1900_Ant 0 TX1	0.339	0.253	0.173			
-4.9	-86.6	-207	WCDMA II_Ant 0 TX1	0.479	0.253	0.173			
-3.4	-83.4	-207	WCDMA IV_Ant 0 TX1	0.470	0.253	0.173			
-13	-82.1	-207	WCDMA V_Ant 0 TX0	0.532	0.253	0.173			
-11	-77.5	-207	LTE Band 7_Ant 0 TX1	0.372	0.253	0.173			
-14.5	-80.8	-207	LTE Band 12_Ant 0 TX0	0.340	0.253	0.173			
-11.4	-79.4	-207	LTE Band 13_Ant 0 TX0	0.390	0.253	0.173			
-14.7	-81.6	-207	LTE Band 14_Ant 0 TX0	0.383	0.253	0.173			
-6.4	-82.4	-207	LTE Band 25_Ant 0 TX1	0.398	0.253	0.173			
-13.4	-83.9	-207	LTE Band 26_Ant 0 TX0	0.570	0.253	0.173			
-7	-80	-207	LTE Band 30_Ant 0 TX1	0.440	0.253	0.173			
-24	-82	-207	LTE Band 41_Ant 0 TX1	0.364	0.253	0.173			
-1.4	-83.9	-207	LTE Band 66_Ant 0 TX1	0.402	0.253	0.173			
-16.2	-78.1	-207	LTE Band 71_Ant 0 TX0	0.214	0.253	0.173			
-14	-78	-207	FR1 n7_Ant 0 TX1	0.525	0.253	0.173			
-12.7	-84.6	-207	FR1 n12_Ant 0 TX0	0.345	0.253	0.173			
-11.7	-85.9	-207	FR1 n14_Ant 0 TX0	0.481	0.253	0.173			
-5.4	-82.4	-207	FR1 n25_Ant 0 TX1	0.504	0.253	0.173			
-10	-77.6	-207	FR1 n26_Ant 0 TX0	0.575	0.253	0.173			
-7.5	-78	-207	FR1 n30_Ant 0 TX1	0.393	0.253	0.173			
-15.5	-79	-207	FR1 n41_Ant 0 TX1	0.452	0.253	0.173			
-4.6	-81.9	-207	FR1 n66_Ant 0 TX1	0.446	0.253	0.173			
-6.9	-84.6	-207	FR1 n70_Ant 0 TX1	0.552	0.253	0.173			
-6.7	-78.3	-207	FR1 n71_Ant 0 TX0	0.253	0.253	0.173			

<Case 42>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 4	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.296	0.324	0.346
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 0 TX0	0.825	0.253	0.204	1.578	1.606	1.628
GSM1900_Ant 0 TX1	0.339	0.253	0.204	1.092	1.120	1.142
WCDMA II_Ant 0 TX1	0.479	0.253	0.204	1.232	1.260	1.282
WCDMA IV_Ant 0 TX1	0.470	0.253	0.204	1.223	1.251	1.273
WCDMA V_Ant 0 TX0	0.532	0.253	0.204	1.285	1.313	1.335
LTE Band 7_Ant 0 TX1	0.372	0.253	0.204	1.125	1.153	1.175
LTE Band 12_Ant 0 TX0	0.340	0.253	0.204	1.093	1.121	1.143
LTE Band 13_Ant 0 TX0	0.390	0.253	0.204	1.143	1.171	1.193
LTE Band 14_Ant 0 TX0	0.383	0.253	0.204	1.136	1.164	1.186
LTE Band 25_Ant 0 TX1	0.398	0.253	0.204	1.151	1.179	1.201
LTE Band 26_Ant 0 TX0	0.570	0.253	0.204	1.323	1.351	1.373
LTE Band 30_Ant 0 TX1	0.440	0.253	0.204	1.193	1.221	1.243
LTE Band 41_Ant 0 TX1	0.364	0.253	0.204	1.117	1.145	1.167
LTE Band 66_Ant 0 TX1	0.402	0.253	0.204	1.155	1.183	1.205
LTE Band 71_Ant 0 TX0	0.214	0.253	0.204	0.967	0.995	1.017
FR1 n7_Ant 0 TX1	0.525	0.253	0.204	1.278	1.306	1.328
FR1 n12_Ant 0 TX0	0.345	0.253	0.204	1.098	1.126	1.148
FR1 n14_Ant 0 TX0	0.481	0.253	0.204	1.234	1.262	1.284
FR1 n25_Ant 0 TX1	0.504	0.253	0.204	1.257	1.285	1.307
FR1 n26_Ant 0 TX0	0.575	0.253	0.204	1.328	1.356	1.378
FR1 n30_Ant 0 TX1	0.393	0.253	0.204	1.146	1.174	1.196
FR1 n41_Ant 0 TX1	0.452	0.253	0.204	1.205	1.233	1.255
FR1 n66_Ant 0 TX1	0.446	0.253	0.204	1.199	1.227	1.249
FR1 n70_Ant 0 TX1	0.552	0.253	0.204	1.305	1.333	1.355
FR1 n71_Ant 0 TX0	0.253	0.253	0.204	1.006	1.034	1.056

SAR peak location (mm)			X (axis)	2.3	-64	-56.5	-65.5	-59
			Y (axis)	60.7	72	-54.5	-52.5	-52
			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)			0.296	0.324	0.346
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-10.5	-83.6	-207	GSM850_Ant 0 TX0	0.825	0.253	0.204		0.03	0.04
-5.6	-81.4	-207	GSM1900_Ant 0 TX1	0.339	0.253	0.204			
-4.9	-86.6	-207	WCDMA II_Ant 0 TX1	0.479	0.253	0.204			
-3.4	-83.4	-207	WCDMA IV_Ant 0 TX1	0.470	0.253	0.204			
-13	-82.1	-207	WCDMA V_Ant 0 TX0	0.532	0.253	0.204			
-11	-77.5	-207	LTE Band 7_Ant 0 TX1	0.372	0.253	0.204			
-14.5	-80.8	-207	LTE Band 12_Ant 0 TX0	0.340	0.253	0.204			
-11.4	-79.4	-207	LTE Band 13_Ant 0 TX0	0.390	0.253	0.204			
-14.7	-81.6	-207	LTE Band 14_Ant 0 TX0	0.383	0.253	0.204			
-6.4	-82.4	-207	LTE Band 25_Ant 0 TX1	0.398	0.253	0.204			
-13.4	-83.9	-207	LTE Band 26_Ant 0 TX0	0.570	0.253	0.204			
-7	-80	-207	LTE Band 30_Ant 0 TX1	0.440	0.253	0.204			
-24	-82	-207	LTE Band 41_Ant 0 TX1	0.364	0.253	0.204			
-1.4	-83.9	-207	LTE Band 66_Ant 0 TX1	0.402	0.253	0.204			
-16.2	-78.1	-207	LTE Band 71_Ant 0 TX0	0.214	0.253	0.204			
-14	-78	-207	FR1 n7_Ant 0 TX1	0.525	0.253	0.204			
-12.7	-84.6	-207	FR1 n12_Ant 0 TX0	0.345	0.253	0.204			
-11.7	-85.9	-207	FR1 n14_Ant 0 TX0	0.481	0.253	0.204			
-5.4	-82.4	-207	FR1 n25_Ant 0 TX1	0.504	0.253	0.204			
-10	-77.6	-207	FR1 n26_Ant 0 TX0	0.575	0.253	0.204			
-7.5	-78	-207	FR1 n30_Ant 0 TX1	0.393	0.253	0.204			
-15.5	-79	-207	FR1 n41_Ant 0 TX1	0.452	0.253	0.204			
-4.6	-81.9	-207	FR1 n66_Ant 0 TX1	0.446	0.253	0.204			
-6.9	-84.6	-207	FR1 n70_Ant 0 TX1	0.552	0.253	0.204			
-6.7	-78.3	-207	FR1 n71_Ant 0 TX0	0.253	0.253	0.204			

<Case 43>

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 2	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)			0.268	0.353	0.368	0.344	0.356	0.243	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
				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 TX	0.359	0.123	0.253	1.033	1.088	1.333	1.079	1.091	0.978	1.217	1.025	1.063	1.096	1.011	1.057	1.055	0.997
WCDMA V_Ant 1 TX	0.226	0.123	0.253	0.870	0.955	0.970	0.946	0.958	0.845	1.064	0.892	0.960	0.993	0.878	0.924	0.922	0.864
LTE Band 12_Ant 1 TX0	0.162	0.123	0.253	0.836	0.891	0.906	0.882	0.894	0.781	1.020	0.839	0.899	0.936	0.814	0.860	0.858	0.800
LTE Band 13_Ant 2 TX0	0.220	0.123	0.253	0.844	0.949	0.964	0.940	0.952	0.839	1.079	0.898	0.954	0.957	0.872	0.918	0.916	0.858
LTE Band 14_Ant 1 TX0	0.242	0.123	0.253	0.886	0.971	0.986	0.962	0.974	0.851	1.100	0.908	0.976	0.979	0.884	0.940	0.938	0.880
LTE Band 25_Ant 1 Sub TX0	0.588	0.123	0.253	1.233	1.318	1.333	1.309	1.321	1.208	1.447	1.255	1.323	1.326	1.241	1.287	1.285	1.227
LTE Band 26_Ant 2 TX0	0.251	0.123	0.253	0.895	0.960	0.995	0.971	0.983	0.870	1.109	0.917	0.985	0.988	0.902	0.949	0.947	0.889
LTE Band 66_Ant 1 Sub TX0	0.552	0.123	0.253	1.190	1.265	1.272	1.264	1.274	1.169	1.534	1.208	1.266	1.268	1.204	1.250	1.248	1.193
LTE Band 71_Ant 1 TX0	0.177	0.123	0.253	0.821	0.906	0.921	0.897	0.909	0.796	1.055	0.843	0.911	0.914	0.829	0.875	0.873	0.815
FR1 n12_Ant 1 TX	0.173	0.123	0.253	0.817	0.902	0.917	0.893	0.905	0.792	1.031	0.839	0.907	0.910	0.825	0.871	0.869	0.811
FR1 n14_Ant 1 TX	0.236	0.123	0.253	0.880	0.961	0.960	0.955	0.968	0.835	1.094	0.902	0.970	0.973	0.886	0.934	0.932	0.874
FR1 n41_Ant 1 Sub TX0	0.898	0.123	0.253	1.332	1.427	1.432	1.409	1.420	1.307	1.546	1.354	1.422	1.425	1.340	1.396	1.394	1.329
FR1 n26_Ant 1 TX	0.227	0.123	0.253	0.871	0.956	0.974	0.947	0.959	0.846	1.085	0.893	0.961	0.964	0.879	0.925	0.923	0.865
FR1 n41_Ant 1 Sub TX0	0.300	0.123	0.253	0.944	1.029	1.044	1.020	1.032	0.919	1.109	0.966	1.034	1.037	0.952	0.998	0.996	0.938
FR1 n48_Ant 1 Sub TX0	0.358	0.123	0.253	1.002	1.087	1.102	1.078	1.090	0.977	1.216	1.024	1.092	1.095	1.010	1.059	1.054	0.995
FR1 n66_Ant 1 Sub TX0	0.773	0.123	0.253	1.417	1.502	1.517	1.493	1.505	1.392	1.615	1.438	1.507	1.510	1.425	1.471	1.469	1.411
FR1 n70_Ant 1 TX	0.173	0.123	0.253	0.817	0.902	0.917	0.893	0.905	0.792	1.031	0.839	0.907	0.910	0.825	0.871	0.869	0.811
FR1 n71_Ant 1 Sub TX0	0.443	0.123	0.253	1.087	1.172	1.187	1.163	1.175	1.062	1.301	1.109	1.177	1.180	1.095	1.141	1.139	1.081

SAR peak location (mm)			X (inch)	12.5	2.3	-60.5	-47	-41.9	-60	-51	-52	-53.5	-55.7	-61.5	-54.6	-58	-51	-52.4	-59.1
			Y (inch)	37	63.7	-54	-57.8	-62.3	-46	-43	-44.5	-72	-66	-62.5	-53.9	-68	-66.5	-54.8	-55.8
			Z (inch)	-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
X (inch)	Y (inch)	Z (inch)		WWAN SAR	WLAN2.4GHz Ant 2	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)			0.268	0.353	0.368	0.344	0.356	0.243	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
							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
-5.4	68.6	-207	GSM850_Ant 1 TX	0.359	0.123	0.253														
-6.6	79.3	-207	WCDMA V_Ant 1 TX	0.226	0.123	0.253														
-7.4	89.6	-207	LTE Band 12_Ant 1 TX0	0.162	0.123	0.253														
-5.8	84.1	-207	LTE Band 13_Ant 2 TX0	0.220	0.123	0.253														
-6.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.123	0.253														
-5.6	63.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.123	0.253														
-10.1	79.3	-207	LTE Band 26_Ant 2 TX0	0.251	0.123	0.253														
7.1	84.4	-207	LTE Band 66_Ant 1 Sub TX0	0.552	0.123	0.253														
-6.6	89.2	-207	LTE Band 71_Ant 1 TX0	0.177	0.123	0.253														
-7.3	67.8	-207	FR1 n12_Ant 1 TX	0.173	0.123	0.253														
-9.3	71.8	-207	FR1 n14_Ant 1 TX	0.236	0.123	0.253														
6.6	63.9	-207	FR1 n41_Ant 1 Sub TX0	0.898	0.123	0.253														
-10.3	63.6	-207	FR1 n26_Ant 1 TX	0.227	0.123	0.253														
16	73.5	-207	FR1 n41_Ant 1 Sub TX0	0.300	0.123	0.253														
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.123	0.253														
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.773	0.123	0.253								0.63						
-9	88.6	-207	FR1 n71_Ant 1 TX	0.173	0.123	0.253														
16	67.6	-207	FR1 n77_Ant 1 Sub TX0	0.443	0.123	0.253														

<Case 44>

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)			0.268	0.353	0.368	0.344	0.356	0.243	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
				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 TX	0.359	0.062	0.253	0.972	1.027	1.039	1.008	1.060	0.947	1.166	0.994	1.052	1.055	0.969	1.024	1.024	0.966
WCDMA V_Ant 1 TX	0.226	0.062	0.253	0.839	0.924	0.939	0.915	0.927	0.814	1.053	0.861	0.929	0.932	0.847	0.893	0.891	0.833
LTE Band 12_Ant 1 TX0	0.162	0.062	0.253	0.775	0.860	0.875	0.851	0.863	0.750	0.989	0.797	0.865	0.868	0.783	0.829	0.827	0.769
LTE Band 13_Ant 2 TX0	0.220	0.062	0.253	0.833	0.918	0.933	0.909	0.921	0.808	1.047	0.855	0.923	0.926	0.841	0.887	0.885	0.827
LTE Band 14_Ant 1 TX0	0.242	0.062	0.253	0.855	0.940	0.955	0.931	0.943	0.830	1.069	0.877	0.945	0.948	0.853	0.909	0.907	0.849
LTE Band 25_Ant 1 Sub TX0	0.588	0.062	0.253	1.202	1.287	1.302	1.278	1.290	1.177	1.416	1.224	1.292	1.295	1.210	1.256	1.254	1.196
LTE Band 26_Ant 2 TX0	0.251	0.062	0.253	0.864	0.949	0.964	0.940	0.952	0.839	1.078	0.886	0.954	0.957	0.872	0.918	0.916	0.858
LTE Band 66_Ant 1 Sub TX0	0.552	0.062	0.253	1.165	1.250	1.265	1.241	1.253	1.140	1.379	1.187	1.255	1.258	1.173	1.219	1.217	1.159
LTE Band 71_Ant 1 TX0	0.177	0.062	0.253	0.790	0.875	0.890	0.866	0.878	0.765	1.024	0.812	0.880	0.883	0.798	0.844	0.842	0.784
FR1 n12_Ant 1 TX	0.173	0.062	0.253	0.786	0.871	0.886	0.862	0.874	0.761	1.000	0.808	0.876	0.879	0.794	0.840	0.838	0.780
FR1 n14_Ant 1 TX	0.236	0.062	0.253	0.849	0.930	0.949	0.925	0.937	0.824	1.063	0.871	0.939	0.942	0.857	0.903	0.901	0.843
FR1 n41_Ant 1 Sub TX0	0.898	0.062	0.253	1.301	1.386	1.401	1.377	1.389	1.276	1.515	1.323	1.391	1.394	1.309	1.355	1.353	1.295
FR1 n26_Ant 1 TX	0.227	0.062	0.253	0.840	0.925	0.940	0.916	0.928	0.815	1.054	0.862	0.930	0.933	0.848	0.894	0.892	0.834
FR1 n41_Ant 1 Sub TX0	0.300	0.062	0.253	0.913	0.998	1.013	0.989	1.001	0.888	1.127	0.935	1.003	1.006	0.921	0.967	0.965	0.907
FR1 n48_Ant 1 Sub TX0	0.358	0.062	0.253	0.971	1.056	1.071	1.047	1.059	0.946	1.185	0.993	1.061	1.064	0.979	1.025	1.023	0.965
FR1 n66_Ant 1 Sub TX0	0.773	0.062	0.253	1.386	1.471	1.486	1.462	1.474	1.361	1.600	1.408	1.476	1.479	1.394	1.440	1.438	1.380
FR1 n70_Ant 1 TX	0.173	0.062	0.253	0.786	0.871	0.886	0.862	0.874	0.761	1.000	0.808	0.876	0.879	0.794	0.840	0.838	0.780
FR1 n71_Ant 1 Sub TX0	0.443	0.062	0.253	1.056	1.141	1.156	1.132	1.144	1.031	1.270	1.078	1.146	1.149	1.064	1.110	1.108	1.050

SAR peak location (mm)			X (inch)	14	2.3	-60.5	-47	-41.9	-60	-51	-52	-53.5	-55.7	-61.5	-54.6	-58	-51	-52.4	-59.1
			Y (inch)	38.5	63.7	-54	-57.8	-62.3	-46	-43	-44.5	-72	-66	-62.5	-53.9	-68	-66.5	-54.8	-55.8
			Z (inch)	-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
X (inch)	Y (inch)	Z (inch)		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)			0.268	0.353	0.368	0.344	0.356	0.243	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
							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
-5.4	68.6	-207	GSM850_Ant 1 TX	0.359	0.062	0.253														
-6.6	79.3	-207	WCDMA V_Ant 1 TX	0.226	0.062	0.253														
-7.4	89.6	-207	LTE Band 12_Ant 1 TX0	0.162	0.062	0.253														
-5.8	84.1	-207	LTE Band 13_Ant 2 TX0	0.220	0.062	0.253														
-6.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.062	0.253														
-5.6	63.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.062	0.253														
-10.1	79.3	-207	LTE Band 26_Ant 2 TX0	0.251	0.062	0.253														
7.1	84.4	-207	LTE Band 66_Ant 1 Sub TX0	0.552	0.062	0.253														
-6.6	89.2	-207	LTE Band 71_Ant 1 TX0	0.177	0.062	0.253														
-7.3	67.8	-207	FR1 n12_Ant 1 TX	0.173	0.062	0.253														
-9.3	71.8	-207	FR1 n14_Ant 1 TX	0.236	0.062	0.253														
6.6	63.9	-207	FR1 n41_Ant 1 Sub TX0	0.898	0.062	0.253														
-10.3	63.6	-207	FR1 n26_Ant 1 TX	0.227	0.062	0.253														
16	73.5	-207	FR1 n41_Ant 1 Sub TX0	0.300	0.062	0.253														
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.062	0.253														
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.773	0.062	0.253								0.63						
-9	88.6	-207	FR1 n71_Ant 1 TX	0.173	0.062	0.253														
16	67.6	-207	FR1 n77_Ant 1 Sub TX0	0.443	0.062	0.253														

<Case 45>

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	WLAN/BT/GHz Ant 0+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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.330	0.262
				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 0 TX0	0.359	0.253	0.173	1.053	1.138	1.153	1.129	1.141	1.038	1.267	1.075	1.143	1.146	1.051	1.107	1.105	1.047
WCDMA V_Ant 1 TX0	0.226	0.253	0.173	0.920	1.005	1.020	0.996	1.008	0.895	1.136	0.942	1.010	1.013	0.928	0.974	0.972	0.914
LTE Band 12_Ant 1 TX0	0.192	0.253	0.173	0.856	0.941	0.956	0.932	0.944	0.831	1.070	0.879	0.945	0.948	0.864	0.910	0.908	0.853
LTE Band 13_Ant 1 TX0	0.220	0.253	0.173	0.914	0.999	1.014	0.993	1.002	0.889	1.129	0.936	1.004	1.007	0.922	0.968	0.966	0.909
LTE Band 14_Ant 1 TX0	0.242	0.253	0.173	0.936	1.021	1.036	1.012	1.024	0.911	1.150	0.958	1.026	1.029	0.944	0.990	0.988	0.930
LTE Band 25_Ant 1 Sub TX0	0.588	0.253	0.173	1.293	1.368	1.393	1.359	1.371	1.258	1.497	1.305	1.373	1.376	1.291	1.337	1.335	1.277
LTE Band 26_Ant 1 TX0	0.251	0.253	0.173	0.945	1.030	1.045	1.021	1.033	0.920	1.159	0.967	1.035	1.038	0.952	0.999	0.997	0.939
LTE Band 66_Ant 1 Sub TX0	0.552	0.253	0.173	1.246	1.331	1.346	1.322	1.334	1.231	1.469	1.268	1.336	1.339	1.254	1.300	1.298	1.240
LTE Band 71_Ant 1 TX0	0.177	0.253	0.173	0.871	0.956	0.971	0.947	0.959	0.846	1.085	0.893	0.961	0.964	0.879	0.926	0.923	0.865
FR1 n12_Ant 1 TX0	0.173	0.253	0.173	0.867	0.952	0.967	0.943	0.955	0.842	1.081	0.888	0.957	0.960	0.875	0.921	0.919	0.861
FR1 n14_Ant 1 TX0	0.236	0.253	0.173	0.930	1.015	1.030	1.006	1.019	0.905	1.144	0.952	1.020	1.023	0.938	0.984	0.982	0.924
FR1 n41_Ant 1 Sub TX0	0.698	0.253	0.173	1.392	1.467	1.482	1.458	1.470	1.357	1.595	1.404	1.472	1.475	1.390	1.436	1.434	1.376
FR1 n26_Ant 1 TX0	0.227	0.253	0.173	0.921	1.006	1.021	0.997	1.009	0.896	1.135	0.943	1.011	1.014	0.929	0.975	0.973	0.915
FR1 n41_Ant 1 Sub TX0	0.300	0.253	0.173	0.994	1.079	1.094	1.070	1.082	0.969	1.208	1.016	1.084	1.087	1.002	1.048	1.046	0.988
FR1 n48_Ant 1 Sub TX0	0.358	0.253	0.173	1.052	1.137	1.152	1.128	1.140	1.027	1.266	1.074	1.142	1.145	1.060	1.109	1.104	1.046
FR1 n66_Ant 1 Sub TX0	0.773	0.253	0.173	1.467	1.552	1.567	1.543	1.555	1.442	1.691	1.498	1.557	1.560	1.475	1.523	1.519	1.461
FR1 n70_Ant 1 TX0	0.173	0.253	0.173	0.867	0.952	0.967	0.943	0.955	0.842	1.081	0.888	0.957	0.960	0.875	0.921	0.919	0.861
FR1 n71_Ant 1 Sub TX0	0.443	0.253	0.173	1.137	1.222	1.237	1.213	1.225	1.112	1.351	1.159	1.227	1.230	1.145	1.191	1.189	1.131

SAR peak location (mm)			X (axis)	2.3	3.4	-60.5	-57	-61.9	-60	-61	-62	-63.5	-61.7	-61.5	-64.6	-58	-61	-57.4	-59.1
			Y (axis)	80.7	36	-54	-57.8	-62.3	-65	-63	-64.5	-72	-66	-62.5	-63.9	-58	-66.5	-61.8	-55.8
			Z (axis)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
			0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
		Exposure Position	WWAN SAR	WLAN/BT/GHz Ant 0+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
Y (axis)	Z (axis)	Back	1g SAR (W/kg)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.330	0.262
						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
-5.4	68.6	-207	GSM850_Ant 0 TX0	0.359	0.253	0.173													
-9.6	79.3	-207	WCDMA V_Ant 1 TX0	0.226	0.253	0.173													
-7.2	69.6	-207	LTE Band 12_Ant 1 TX0	0.192	0.253	0.173													
-5.8	64.1	-207	LTE Band 13_Ant 1 TX0	0.220	0.253	0.173													
-9.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.253	0.173													
8.8	83.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.253	0.173													
-10.1	79.3	-207	LTE Band 26_Ant 1 TX0	0.251	0.253	0.173													
7.1	64.4	-207	LTE Band 66_Ant 1 Sub TX0	0.552	0.253	0.173													
-9.6	66.2	-207	LTE Band 71_Ant 1 TX0	0.177	0.253	0.173													
-7.3	67.8	-207	FR1 n12_Ant 1 TX0	0.173	0.253	0.173													
9.3	71.8	-207	FR1 n14_Ant 1 TX0	0.236	0.253	0.173													
8.8	83.9	-207	FR1 n26_Ant 1 Sub TX0	0.698	0.253	0.173							0.01						
-10.3	80.6	-207	FR1 n26_Ant 1 TX0	0.227	0.253	0.173													
19	79.5	-207	FR1 n41_Ant 1 Sub TX0	0.300	0.253	0.173													
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.253	0.173													
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.773	0.253	0.173							0.03						
-9	68.6	-207	FR1 n70_Ant 1 TX0	0.173	0.253	0.173													
19	67.9	-207	FR1 n71_Ant 1 Sub TX0	0.443	0.253	0.173													

<Case 46>

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	WLAN/BT/GHz Ant 0+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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.330	0.262
				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 0 TX0	0.358	0.253	0.204	1.054	1.169	1.184	1.160	1.172	1.059	1.298	1.106	1.174	1.177	1.082	1.138	1.136	1.078
WCDMA V_Ant 1 TX0	0.226	0.253	0.204	0.951	1.036	1.051	1.027	1.039	0.926	1.165	0.973	1.041	1.044	0.959	1.005	1.003	0.945
LTE Band 12_Ant 1 TX0	0.192	0.253	0.204	0.887	0.972	0.987	0.963	0.975	0.862	1.101	0.908	0.977	0.980	0.895	0.944	0.939	0.881
LTE Band 13_Ant 1 TX0	0.220	0.253	0.204	0.945	1.030	1.045	1.021	1.033	0.920	1.159	0.967	1.035	1.038	0.953	0.999	0.997	0.939
LTE Band 14_Ant 1 TX0	0.242	0.253	0.204	0.967	1.052	1.067	1.043	1.055	0.942	1.181	0.988	1.057	1.060	0.975	1.021	1.019	0.961
LTE Band 25_Ant 1 Sub TX0	0.588	0.253	0.204	1.314	1.399	1.414	1.390	1.402	1.289	1.528	1.336	1.404	1.407	1.322	1.368	1.366	1.308
LTE Band 26_Ant 1 TX0	0.251	0.253	0.204	0.976	1.061	1.076	1.053	1.064	0.951	1.190	0.998	1.065	1.068	0.984	1.030	1.028	0.970
LTE Band 66_Ant 1 Sub TX0	0.552	0.253	0.204	1.277	1.362	1.377	1.353	1.365	1.252	1.491	1.299	1.367	1.370	1.285	1.331	1.329	1.271
LTE Band 71_Ant 1 TX0	0.177	0.253	0.204	0.902	0.987	1.002	0.978	0.990	0.877	1.116	0.924	0.992	0.995	0.910	0.956	0.954	0.896
FR1 n12_Ant 1 TX0	0.173	0.253	0.204	0.898	0.983	0.998	0.974	0.986	0.873	1.112	0.920	0.988	0.991	0.906	0.952	0.950	0.892
FR1 n14_Ant 1 TX0	0.236	0.253	0.204	0.961	1.046	1.061	1.037	1.049	0.936	1.175	0.983	1.051	1.054	0.969	1.016	1.013	0.955
FR1 n41_Ant 1 Sub TX0	0.698	0.253	0.204	1.413	1.498	1.513	1.489	1.501	1.388	1.627	1.435	1.503	1.506	1.421	1.467	1.465	1.407
FR1 n26_Ant 1 TX0	0.227	0.253	0.204	0.952	1.037	1.052	1.028	1.040	0.927	1.166	0.974	1.042	1.045	0.960	1.006	1.004	0.946
FR1 n41_Ant 1 Sub TX0	0.300	0.253	0.204	1.025	1.110	1.125	1.101	1.113	1.000	1.239	1.047	1.115	1.118	1.033	1.079	1.077	1.019
FR1 n48_Ant 1 Sub TX0	0.358	0.253	0.204	1.083	1.168	1.183	1.159	1.171	1.058	1.297	1.105	1.173	1.176	1.091	1.137	1.135	1.077
FR1 n66_Ant 1 Sub TX0	0.773	0.253	0.204	1.498	1.583	1.598	1.574	1.586	1.473	1.722	1.520	1.588	1.591	1.506	1.552	1.550	1.492
FR1 n70_Ant 1 TX0	0.173	0.253	0.204	0.898	0.983	0.998	0.974	0.986	0.873	1.112	0.920	0.988	0.991	0.906	0.952	0.950	0.892
FR1 n71_Ant 1 Sub TX0	0.443	0.253	0.204	1.168	1.253	1.268	1.244	1.256	1.142	1.382	1.190	1.259	1.261	1.176	1.222	1.220	1.162

SAR peak location (mm)			X (axis)	2.3	-60	-60.5	-57	-61.9	-60	-61	-62	-63.5	-61.7	-61.5	-64.6	-58	-61	-57.4	-59.1
			Y (axis)	80.7	72	-54	-57.8	-62.3	-65	-63	-64.5	-72	-66	-62.5	-63.9	-58	-66.5	-61.8	-55.8
			Z (axis)	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
			0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
		Exposure Position	WWAN SAR	WLAN/BT/GHz Ant 0+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
Y (axis)	Z (axis)	Back	1g SAR (W/kg)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.330	0.262
						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
-5.4	68.6	-207	GSM850_Ant 0 TX0	0.358	0.253	0.204													
-9.6	79.3	-207	WCDMA V_Ant 1 TX0	0.226	0.253	0.204													
-7.2	69.6	-207	LTE Band 12_Ant 1 TX0	0.192	0.253	0.204													
-5.8	64.1	-207	LTE Band 13_Ant 1 TX0	0.220	0.253	0.204													
-9.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.253	0.204													
8.8	83.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.253	0.204													
-10.1	79.3	-207	LTE Band 26_Ant 1 TX0	0.251	0.253	0.204													
7.1	64.4	-207	LTE Band 66_Ant 1 Sub TX0	0.552	0.253	0.204													
-9.6	66.2	-207	LTE Band 71_Ant 1 TX0	0.177	0.253	0.204													
-7.3	67.8	-207	FR1 n12_Ant 1 TX0	0.173	0.253	0.204													
9.3	71.8	-207	FR1 n14_Ant 1 TX0	0.236	0.253	0.204													
8.8	83.9	-207	FR1 n26_Ant 1 Sub TX0	0.698	0.253	0.204							0.01						
-10.3	80.6	-207	FR1 n26_Ant 1 TX0	0.227	0.253	0.204													
19	79.5	-207	FR1 n41_Ant 1 Sub TX0	0.300	0.253	0.204													
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.253	0.204													
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.773	0.253	0.204		0.02					0.03						
-9	68.6	-207	FR1 n70_Ant 1 TX0	0.173	0.253	0.204													
19	67.9	-207	FR1 n71_Ant 1 Sub TX0	0.443	0.253	0.204													

<Case 47>

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
	W/WAN SAR	WLAN/BT/GNU Ant 2+3	Bluetooth 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 38_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 n38_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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
				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 TX	0.359	0.253	0.119	0.599	0.564	0.599	0.575	0.587	0.574	1.213	1.025	0.969	0.992	1.007	1.053	1.051	0.963
WCDMA V_Ant 1 TX	0.226	0.253	0.119	0.666	0.951	0.966	0.942	0.954	0.841	1.060	0.888	0.956	0.959	0.974	0.920	0.918	0.860
LTE Band 12_Ant 1 TX0	0.162	0.253	0.119	0.602	0.867	0.902	0.878	0.890	0.777	1.016	0.824	0.862	0.906	0.910	0.856	0.854	0.799
LTE Band 13_Ant 1 TX0	0.220	0.253	0.119	0.600	0.945	0.960	0.935	0.948	0.830	1.074	0.882	0.950	0.953	0.968	0.914	0.912	0.854
LTE Band 14_Ant 1 TX0	0.242	0.253	0.119	0.682	0.967	0.982	0.958	0.970	0.857	1.096	0.904	0.972	0.975	0.990	0.936	0.934	0.876
LTE Band 25_Ant 1 Sub TX0	0.588	0.253	0.119	1.229	1.316	1.329	1.305	1.317	1.204	1.443	1.251	1.319	1.322	1.237	1.283	1.281	1.223
LTE Band 26_Ant 1 TX0	0.251	0.253	0.119	0.691	0.976	0.991	0.967	0.979	0.886	1.105	0.913	0.981	0.984	0.999	0.945	0.942	0.885
LTE Band 66_Ant 1 Sub TX0	0.552	0.253	0.119	1.197	1.277	1.292	1.269	1.281	1.167	1.406	1.214	1.282	1.285	1.200	1.246	1.244	1.191
LTE Band 71_Ant 1 TX0	0.177	0.253	0.119	0.617	0.902	0.917	0.893	0.905	0.792	1.031	0.839	0.907	0.910	0.925	0.871	0.868	0.811
FR1 n12_Ant 1 TX	0.173	0.253	0.119	0.613	0.898	0.913	0.889	0.901	0.788	1.027	0.835	0.903	0.906	0.921	0.867	0.865	0.807
FR1 n14_Ant 1 TX	0.236	0.253	0.119	0.676	0.961	0.976	0.952	0.964	0.851	1.090	0.898	0.966	0.969	0.984	0.930	0.928	0.870
FR1 n25_Ant 1 Sub TX0	0.588	0.253	0.119	1.229	1.316	1.329	1.305	1.317	1.204	1.443	1.251	1.319	1.322	1.237	1.283	1.281	1.223
FR1 n26_Ant 1 TX	0.227	0.253	0.119	0.667	0.952	0.967	0.943	0.955	0.842	1.061	0.888	0.957	0.960	0.975	0.921	0.919	0.861
FR1 n41_Ant 1 Sub TX0	0.300	0.253	0.119	0.940	1.025	1.040	1.016	1.028	0.915	1.154	0.962	1.030	1.033	0.948	0.994	0.992	0.934
FR1 n48_Ant 1 Sub TX0	0.358	0.253	0.119	0.998	1.083	1.098	1.074	1.086	0.973	1.212	1.020	1.089	1.094	1.006	1.052	1.050	0.992
FR1 n66_Ant 1 Sub TX0	0.773	0.253	0.119	1.410	1.496	1.513	1.489	1.501	1.388	1.627	1.436	1.503	1.508	1.423	1.467	1.465	1.407
FR1 n70_Ant 1 TX	0.173	0.253	0.119	0.613	0.898	0.913	0.889	0.901	0.788	1.027	0.835	0.903	0.906	0.921	0.867	0.865	0.807
FR1 n77_Ant 1 Sub TX0	0.443	0.253	0.119	1.093	1.168	1.183	1.159	1.171	1.058	1.297	1.105	1.173	1.176	1.091	1.137	1.135	1.077

SAR peak location (mm)				X (left)		2.3	38	-90.5	-47	-45.9	-90	-50	-92	-53.5	-54.7	-91.5	-54.6	-58	-91	-42.4	-99.1
				Y (left)		80.7	33.5	-54	-57.8	-82.3	-55	-53	-54.5	-72	-56	-82.5	-53.9	-56	-86.5	-51.8	-55.8
				Z (left)		-157	-151.2	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157
			Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (left)	Y (left)	Z (left)		W/WAN SAR	WLAN/BT/GNU Ant 2+3	Bluetooth 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 38_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 n38_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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
							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
-1.4	68.6	-157	GSM850_Ant 1 TX		0.359	0.253	0.119														
-9.6	79.3	-157	WCDMA V_Ant 1 TX		0.226	0.253	0.119														
-7.2	69.6	-157	LTE Band 12_Ant 1 TX0		0.162	0.253	0.119														
-5.8	64.1	-157	LTE Band 13_Ant 1 TX0		0.220	0.253	0.119														
-9.8	71.8	-157	LTE Band 14_Ant 1 TX0		0.242	0.253	0.119														
-9.8	69.9	-157	LTE Band 25_Ant 1 Sub TX0		0.588	0.253	0.119														
-10.1	79.3	-157	LTE Band 26_Ant 1 TX0		0.251	0.253	0.119														
-7.1	64.4	-157	LTE Band 66_Ant 1 Sub TX0		0.552	0.253	0.119														
-9.6	86.4	-157	LTE Band 71_Ant 1 TX0		0.177	0.253	0.119														
-7.3	67.8	-157	FR1 n12_Ant 1 TX		0.173	0.253	0.119														
-9.3	71.8	-157	FR1 n14_Ant 1 TX		0.236	0.253	0.119														
-6.4	69.9	-157	FR1 n25_Ant 1 Sub TX0		0.588	0.253	0.119														
-10.3	80.6	-157	FR1 n26_Ant 1 TX		0.227	0.253	0.119														
19	70.5	-157	FR1 n41_Ant 1 Sub TX0		0.300	0.253	0.119														
17	87	-157	FR1 n48_Ant 1 Sub TX0		0.358	0.253	0.119														
-0.6	84.4	-157	FR1 n66_Ant 1 Sub TX0		0.773	0.253	0.119							0.63							
-9	88.6	-157	FR1 n70_Ant 1 TX		0.173	0.253	0.119														
18	67.9	-157	FR1 n77_Ant 1 Sub TX0		0.443	0.253	0.119														

<Case 48>

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
	W/WAN SAR	WLAN/BT/GNU Ant 2+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 38_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 n38_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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
				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 TX	0.359	0.253	0.144	0.599	1.024	1.009	1.012	0.949	0.949	1.239	1.046	1.014	1.017	1.032	1.079	1.076	1.018
WCDMA V_Ant 1 TX	0.226	0.253	0.144	0.691	0.976	0.991	0.967	0.979	0.866	1.105	0.913	0.981	0.984	0.999	0.945	0.943	0.885
LTE Band 12_Ant 1 TX0	0.162	0.253	0.144	0.627	0.912	0.927	0.903	0.915	0.802	1.041	0.848	0.917	0.920	0.935	0.884	0.879	0.821
LTE Band 13_Ant 1 TX0	0.220	0.253	0.144	0.685	0.970	0.985	0.961	0.973	0.860	1.099	0.907	0.975	0.978	0.993	0.939	0.937	0.879
LTE Band 14_Ant 1 TX0	0.242	0.253	0.144	0.697	0.992	1.007	0.983	0.995	0.882	1.121	0.929	0.997	1.000	0.015	0.961	0.959	0.901
LTE Band 25_Ant 1 Sub TX0	0.588	0.253	0.144	1.244	1.339	1.354	1.329	1.342	1.229	1.468	1.276	1.344	1.347	1.262	1.308	1.306	1.248
LTE Band 26_Ant 1 TX0	0.251	0.253	0.144	0.706	1.001	1.016	0.992	1.004	0.891	1.130	0.938	1.006	1.009	0.024	0.970	0.968	0.910
LTE Band 66_Ant 1 Sub TX0	0.552	0.253	0.144	1.217	1.302	1.317	1.293	1.305	1.192	1.431	1.238	1.307	1.310	1.225	1.271	1.269	1.211
LTE Band 71_Ant 1 TX0	0.177	0.253	0.144	0.642	0.927	0.942	0.918	0.930	0.817	1.056	0.864	0.932	0.935	0.950	0.896	0.894	0.836
FR1 n12_Ant 1 TX	0.173	0.253	0.144	0.638	0.923	0.938	0.914	0.926	0.813	1.052	0.860	0.929	0.931	0.946	0.892	0.890	0.832
FR1 n14_Ant 1 TX	0.236	0.253	0.144	0.701	0.986	1.001	0.977	0.989	0.876	1.115	0.923	0.991	0.994	0.009	0.955	0.953	0.895
FR1 n25_Ant 1 Sub TX0	0.588	0.253	0.144	1.353	1.438	1.453	1.429	1.441	1.328	1.567	1.375	1.443	1.446	1.361	1.407	1.405	1.347
FR1 n26_Ant 1 TX	0.227	0.253	0.144	0.692	0.977	0.992	0.968	0.980	0.867	1.106	0.914	0.982	0.985	0.000	0.946	0.944	0.886
FR1 n41_Ant 1 Sub TX0	0.300	0.253	0.144	0.940	1.025	1.040	1.016	1.028	0.915	1.179	0.987	1.055	1.058	0.973	1.019	1.017	0.959
FR1 n48_Ant 1 Sub TX0	0.358	0.253	0.144	1.023	1.108	1.123	1.099	1.111	0.998	1.237	1.045	1.113	1.116	1.031	1.077	1.075	1.017
FR1 n66_Ant 1 Sub TX0	0.773	0.253	0.144	1.438	1.523	1.538	1.514	1.526	1.413	1.652	1.460	1.528	1.531	1.446	1.492	1.490	1.432
FR1 n70_Ant 1 TX	0.173	0.253	0.144	0.638	0.923	0.938	0.914	0.926	0.813	1.052	0.860	0.929	0.931	0.946	0.892	0.890	0.832
FR1 n77_Ant 1 Sub TX0	0.443	0.253	0.144	1.108	1.193	1.208	1.184	1.196	1.083	1.322	1.130	1.199	1.201	1.116	1.162	1.160	1.102

SAR peak location (mm)				X (left)		2.3	17.5	-90.5	-47	-45.9	-90	-50	-92	-53.5	-54.7	-91.5	-54.6	-58	-91	-42.4	-99.1
				Y (left)		80.7	35	-54	-57.8	-82.3	-55	-53	-54.5	-72	-56	-82.5	-53.9	-56	-86.5	-51.8	-55.8
				Z (left)		-157	-151.2	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157
			Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (left)	Y (left)	Z (left)		W/WAN SAR	WLAN/BT/GNU Ant 2+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 38_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 n38_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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
							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
-1.4	68.6	-157	GSM850_Ant 1 TX		0.359	0.253	0.144														
-9.6	79.3	-157	WCDMA V_Ant 1 TX		0.226	0.253	0.144														
-7.2	69.6	-157	LTE Band 12_Ant 1 TX0		0.162	0.253	0.144														
-5.8	64.1	-157	LTE Band 13_Ant 1 TX0		0.220	0.253	0.144														
-9.8	71.8	-157	LTE Band 14_Ant 1 TX0		0.242	0.253	0.144														
-9.8	69.9	-157	LTE Band 25_Ant 1 Sub TX0		0.588	0.253	0.144														
-10.1	79.3	-157	LTE Band 26_Ant 1 TX0		0.251	0.253	0.144														
-7.1	64.4	-157	LTE Band 66_Ant 1 Sub TX0		0.552	0.253	0.144														
-9.6	86.4	-157	LTE Band 71_Ant 1 TX0		0.177	0.253	0.144														
-7.3	67.8	-157	FR1 n12_Ant 1 TX		0.173	0.253	0.144														
-9.3	71.8	-157	FR1 n14_Ant 1 TX		0.236	0.253	0.144														
-6.4	69.9	-157	FR1 n25_Ant 1 Sub TX0		0.588	0.253	0.144														
-10.3	80.6	-157	FR1 n26_Ant 1 TX		0.227	0.253	0.144														
19	70.5	-157	FR1 n41_Ant 1 Sub TX0		0.300	0.253	0.144														
17	87	-157	FR1 n48_Ant 1 Sub TX0		0.358	0.253	0.144														
-0.6	84.4	-157	FR1 n66_Ant 1 Sub TX0		0.773	0.253	0.144							0.63							
-9	88.6	-157	FR1 n70_Ant 1 TX		0.173	0.253	0.144														
18	67.9	-157	FR1 n77_Ant 1 Sub TX0		0.443	0.253	0.144														

<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
	W/WAN SAR	WLAN2.4GHz Ant 4	WLAN/5GHz 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 38_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 n38_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Right Edge	1g SAR (W/kg)			0.460	0.474	0.366	0.521	0.525	0.358	0.464	0.390	0.463	0.474	0.307	0.466	0.438	0.367
				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 1 Sub TX0	0.602	0.078	0.163	1.534	1.548	1.468	1.595	1.599	1.432	1.568	1.464	1.562	1.548	1.391	1.572	1.512	1.461
LTE Band 66_Ant 1 Sub TX0	0.844	0.078	0.163	1.545	1.559	1.480	1.606	1.610	1.443	1.579	1.475	1.053	1.559	1.392	1.583	1.523	1.472
FR1 n25_Ant 1 Sub TX0	0.602	0.078	0.163	1.534	1.548	1.468	1.595	1.599	1.432	1.568	1.464	1.562	1.548	1.391	1.572	1.512	1.461
FR1 n66_Ant 1 Sub TX0	0.602	0.078	0.163	1.533	1.547	1.468	1.594	1.599	1.431	1.567	1.463	1.561	1.547	1.390	1.571	1.511	1.460
FR1 n41_Ant 1 Sub TX0	0.667	0.078	0.163	1.548	1.562	1.481	1.609	1.613	1.446	1.582	1.478	1.564	1.562	1.285	1.586	1.526	1.455
FR1 n48_Ant 1 Sub TX0	0.398	0.078	0.163	1.099	1.113	1.034	1.160	1.164	0.997	1.133	1.029	1.107	1.113	0.946	1.137	1.077	1.026
FR1 n77_Ant 1 Sub TX0	0.334	0.078	0.163	1.020	1.038	0.960	1.086	1.090	0.933	1.059	0.956	1.033	1.038	0.872	1.063	1.022	0.922

SAR peak location (mm)				X (left)		-21.2	-22.2	-58.5	-21.3	-55	-25.9	-56	-59.1	-21.3	-55.7	-23.2	-41.7	-21.8	-22.7	-22.8	-56.7
				Y (left)		57.9	68.8	-42.5	56.2	61.1	67.5	64.9	68	65.5	64.9	58	58.7	65.5	66	64.6	62.1
				Z (left)		-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157
			Exposure Position	0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (left)	Y (left)	Z (left)		W/WAN SAR	WLAN2.4GHz Ant 4	WLAN/5GHz 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 38_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 n38_Ant 2 TX0	FR1 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Right Edge	1g SAR (W/kg)			0.46	0.474	0.366	0.521	0.525	0.358	0.464	0.39	0.463	0.474	0.307	0.466	0.438	0.367
							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
-23.6	-56.1	-157	LTE Band 25_Ant 1 Sub TX0	0.603	0.078	0.163					0.02	0.02									
-24.2	-57.6	-157	LTE Band 66_Ant 1 Sub TX0	0.845	0.078	0.163					0.02	0.02									
-23	-56.9	-157	FR1 n25_Ant 1 Sub TX0	0.603	0.078	0.163					0.02	0.02									
-23.6	-57.1	-157	FR1 n66_Ant 1 Sub TX0	0.602	0.078	0.163						0.02									
-24.5	-61.5	-157	FR1 n41_Ant 1 Sub TX0	0.667	0.078	0.163					0.02	0.02									
-25.9	-63.5	-157	FR1 n48_Ant 1 Sub TX0	0.398	0.078	0.163															
-24.9	-62	-157	FR1 n77_Ant 1 Sub TX0	0.334	0.078	0.163															

<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 d+3	WLAN5/6GHz Ant d+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 Edge	1g SAR (W/kg)			0.460	0.474	0.396	0.521	0.525	0.358	0.464	0.390	0.469	0.474	0.307	0.498	0.438	0.367
				0+0+7+9 Summed SAR	0+0+7+10 Summed SAR	0+0+7+11 Summed SAR	0+0+7+12 Summed SAR	0+0+7+13 Summed SAR	0+0+7+14 Summed SAR	0+0+7+15 Summed SAR	0+0+7+16 Summed SAR	0+0+7+17 Summed SAR	0+0+7+18 Summed SAR	0+0+7+19 Summed SAR	0+0+7+20 Summed SAR	0+0+7+21 Summed SAR	0+0+7+22 Summed SAR
LTE Band 25_Ant 0 Sub TX0	0.602	0.070	0.163	1.526	1.540	1.461	1.587	1.591	1.434	1.560	1.458	1.534	1.540	1.373	1.564	1.534	1.433
LTE Band 66_Ant 0 Sub TX0	0.664	0.070	0.163	1.537	1.551	1.472	1.599	1.602	1.435	1.571	1.467	1.545	1.551	1.384	1.575	1.515	1.444
FR1 n25_Ant 0 Sub TX0	0.602	0.070	0.163	1.526	1.540	1.461	1.587	1.591	1.434	1.560	1.458	1.534	1.540	1.373	1.564	1.534	1.433
FR1 n66_Ant 0 Sub TX0	0.602	0.070	0.163	1.525	1.539	1.460	1.586	1.590	1.433	1.559	1.458	1.533	1.539	1.372	1.563	1.533	1.432
FR1 n41_Ant 0 Sub TX0	0.667	0.070	0.163	1.540	1.554	1.475	1.601	1.605	1.438	1.574	1.470	1.548	1.554	1.387	1.579	1.518	1.447
FR1 n66_Ant 0 Sub TX0	0.398	0.070	0.163	1.091	1.105	1.026	1.152	1.156	0.989	1.125	1.021	1.099	1.105	0.938	1.129	1.089	0.969
FR1 n77_Ant 0 Sub TX0	0.324	0.070	0.163	1.017	1.031	0.952	1.078	1.082	0.915	1.051	0.947	1.025	1.031	0.864	1.055	0.995	0.924

SAR peak location (mm)				X (mm)		-21.2	-22.4	-24.5	-23.3	-25	-26.9	-30	-24.1	-22.3	-24.7	-23.2	-21.7	-21.8	-22.7	-22.8	-24.7
				Y (mm)		-91.5	-91.6	97.9	96.2	91.1	87.5	89.6	89	85.5	89.8	89	96.7	88.5	89	89.6	92.3
				Z (mm)		-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097
			Exposure Position	9		10	11	12	13	14	15	16	17	18	19	20	21	22			
X (mm)	Y (mm)	Z (mm)		WWAN SAR	WLAN5/6GHz Ant d+3	WLAN5/6GHz Ant d+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 Edge	1g SAR (W/kg)			0.46	0.474	0.396	0.521	0.525	0.358	0.464	0.390	0.469	0.474	0.307	0.498	0.438	0.367	
							0+0+7+9 SPLSR Results	0+0+7+10 SPLSR Results	0+0+7+11 SPLSR Results	0+0+7+12 SPLSR Results	0+0+7+13 SPLSR Results	0+0+7+14 SPLSR Results	0+0+7+15 SPLSR Results	0+0+7+16 SPLSR Results	0+0+7+17 SPLSR Results	0+0+7+18 SPLSR Results	0+0+7+19 SPLSR Results	0+0+7+20 SPLSR Results	0+0+7+21 SPLSR Results	0+0+7+22 SPLSR Results
-23.5	-94.1	-097	LTE Band 25_Ant 0 Sub TX0	0.602	0.070	0.163															
-21.2	-97.6	-097	LTE Band 66_Ant 0 Sub TX0	0.664	0.070	0.163					0.02	0.02									
-23	-96.6	-097	FR1 n25_Ant 0 Sub TX0	0.602	0.070	0.163															
-23.5	-97.1	-097	FR1 n66_Ant 0 Sub TX0	0.602	0.070	0.163															
-24.5	-92.5	-097	FR1 n41_Ant 0 Sub TX0	0.667	0.070	0.163					0.02	0.02									
-25.5	-93.3	-097	FR1 n66_Ant 0 Sub TX0	0.398	0.070	0.163															
-24.5	-92	-097	FR1 n77_Ant 0 Sub TX0	0.324	0.070	0.163															

<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	WLAN2.4GHz Ant d+3	Bluetooth Ant d	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 Edge	1g SAR (W/kg)			0.460	0.474	0.396	0.521	0.525	0.358	0.464	0.390	0.469	0.474	0.307	0.498	0.438	0.367
				0+0+7+9 Summed SAR	0+0+7+10 Summed SAR	0+0+7+11 Summed SAR	0+0+7+12 Summed SAR	0+0+7+13 Summed SAR	0+0+7+14 Summed SAR	0+0+7+15 Summed SAR	0+0+7+16 Summed SAR	0+0+7+17 Summed SAR	0+0+7+18 Summed SAR	0+0+7+19 Summed SAR	0+0+7+20 Summed SAR	0+0+7+21 Summed SAR	0+0+7+22 Summed SAR
LTE Band 25_Ant 0 Sub TX0	0.602	0.163	0.253	1.786	1.701	1.646	1.770	1.774	1.607	1.742	1.639	1.717	1.723	1.556	1.747	1.687	1.616
LTE Band 66_Ant 0 Sub TX0	0.664	0.163	0.253	1.726	1.716	1.655	1.781	1.785	1.618	1.756	1.650	1.729	1.734	1.567	1.759	1.698	1.627
FR1 n25_Ant 0 Sub TX0	0.602	0.163	0.253	1.786	1.701	1.646	1.770	1.774	1.607	1.742	1.639	1.717	1.723	1.556	1.747	1.687	1.616
FR1 n66_Ant 0 Sub TX0	0.602	0.163	0.253	1.786	1.702	1.645	1.769	1.773	1.606	1.740	1.638	1.716	1.722	1.555	1.746	1.686	1.615
FR1 n41_Ant 0 Sub TX0	0.667	0.163	0.253	1.721	1.737	1.658	1.784	1.788	1.621	1.757	1.653	1.731	1.737	1.570	1.764	1.705	1.639
FR1 n66_Ant 0 Sub TX0	0.398	0.163	0.253	1.274	1.288	1.209	1.335	1.339	1.172	1.308	1.204	1.282	1.288	1.121	1.312	1.252	1.191
FR1 n77_Ant 0 Sub TX0	0.324	0.163	0.253	1.200	1.214	1.135	1.261	1.265	1.098	1.236	1.130	1.209	1.214	1.047	1.238	1.178	1.107

SAR peak location (mm)				X (mm)		-21.2	-22.4	-24.5	-23.3	-25	-26.9	-30	-24.1	-22.3	-24.7	-23.2	-21.7	-21.8	-22.7	-22.8	-24.7
				Y (mm)		-91.5	-91.6	97.9	96.2	91.1	87.5	89.6	89	85.5	89.8	89	96.7	88.5	89	89.6	92.3
				Z (mm)		-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097
			Exposure Position	9		10	11	12	13	14	15	16	17	18	19	20	21	22			
X (mm)	Y (mm)	Z (mm)		WWAN SAR	WLAN5/6GHz Ant d+3	Bluetooth Ant d	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 Edge	1g SAR (W/kg)			0.46	0.474	0.396	0.521	0.525	0.358	0.464	0.390	0.469	0.474	0.307	0.498	0.438	0.367	
							0+0+7+9 SPLSR Results	0+0+7+10 SPLSR Results	0+0+7+11 SPLSR Results	0+0+7+12 SPLSR Results	0+0+7+13 SPLSR Results	0+0+7+14 SPLSR Results	0+0+7+15 SPLSR Results	0+0+7+16 SPLSR Results	0+0+7+17 SPLSR Results	0+0+7+18 SPLSR Results	0+0+7+19 SPLSR Results	0+0+7+20 SPLSR Results	0+0+7+21 SPLSR Results	0+0+7+22 SPLSR Results
-23.5	-94.1	-097	LTE Band 25_Ant 0 Sub TX0	0.602	0.163	0.253															
-21.2	-97.6	-097	LTE Band 66_Ant 0 Sub TX0	0.664	0.163	0.253					0.02	0.02									
-23	-96.6	-097	FR1 n25_Ant 0 Sub TX0	0.602	0.163	0.253															
-23.5	-97.1	-097	FR1 n66_Ant 0 Sub TX0	0.602	0.163	0.253															
-24.5	-92.5	-097	FR1 n41_Ant 0 Sub TX0	0.667	0.163	0.253					0.02	0.02									
-25.5	-93.3	-097	FR1 n66_Ant 0 Sub TX0	0.398	0.163	0.253															
-24.5	-92	-097	FR1 n77_Ant 0 Sub TX0	0.324	0.163	0.253															

<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	WLAN2.4GHz Ant d+3	Bluetooth Ant d+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 Edge	1g SAR (W/kg)			0.460	0.474	0.396	0.521	0.525	0.358	0.464	0.390	0.469	0.474	0.307	0.498	0.438	0.367
				0+0+7+9 Summed SAR	0+0+7+10 Summed SAR	0+0+7+11 Summed SAR	0+0+7+12 Summed SAR	0+0+7+13 Summed SAR	0+0+7+14 Summed SAR	0+0+7+15 Summed SAR	0+0+7+16 Summed SAR	0+0+7+17 Summed SAR	0+0+7+18 Summed SAR	0+0+7+19 Summed SAR	0+0+7+20 Summed SAR	0+0+7+21 Summed SAR	0+0+7+22 Summed SAR
LTE Band 25_Ant 0 Sub TX0	0.602	0.163	0.113	1.589	1.593	1.534	1.650	1.654	1.467	1.603	1.499	1.577	1.583	1.416	1.607	1.547	1.476
LTE Band 66_Ant 0 Sub TX0	0.664	0.163	0.113	1.580	1.594	1.515	1.641	1.645	1.478	1.616	1.510	1.589	1.594	1.427	1.619	1.558	1.487
FR1 n25_Ant 0 Sub TX0	0.602	0.163	0.113	1.589	1.593	1.534	1.650	1.654	1.467	1.603	1.499	1.577	1.583	1.416	1.607	1.547	1.476
FR1 n66_Ant 0 Sub TX0	0.602	0.163	0.113	1.588	1.582	1.533	1.649	1.653	1.466	1.602	1.498	1.576	1.582	1.415	1.606	1.546	1.475
FR1 n41_Ant 0 Sub TX0	0.667	0.163	0.113	1.593	1.597	1.518	1.644	1.648	1.481	1.617	1.513	1.591	1.597	1.430	1.621	1.561	1.490
FR1 n66_Ant 0 Sub TX0	0.398	0.163	0.113	1.134	1.148	1.069	1.195	1.199	1.032	1.168	1.064	1.142	1.148	0.981	1.172	1.112	1.041
FR1 n77_Ant 0 Sub TX0	0.324	0.163	0.113	1.060	1.074	0.996	1.121	1.125	0.958	1.094	0.990	1.069	1.074	0.907	1.098	1.038	0.967

SAR peak location (mm)				X (mm)		-21.2	-22.7	-24.5	-23.3	-25	-26.9	-30	-24.1	-22.3	-24.7	-23.2	-21.7	-21.8	-22.7	-22.8	-24.7
				Y (mm)		-91.5	-95	97.9	96.2	91.1	87.5	89.6	89	85.5	89.8	89	96.7	88.5	89	89.6	92.3
				Z (mm)		-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097
			Exposure Position	9		10	11	12	13	14	15	16	17	18	19	20	21	22			
X (mm)	Y (mm)	Z (mm)		WWAN SAR	WLAN5/6GHz Ant d+3	Bluetooth Ant d+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 Edge	1g SAR (W/kg)			0.46	0.474	0.396	0.521	0.525	0.358	0.464	0.390	0.469	0.474	0.307	0.498	0.438	0.367	
							0+0+7+9 SPLSR Results	0+0+7+10 SPLSR Results	0+0+7+11 SPLSR Results	0+0+7+12 SPLSR Results	0+0+7+13 SPLSR Results	0+0+7+14 SPLSR Results	0+0+7+15 SPLSR Results	0+0+7+16 SPLSR Results	0+0+7+17 SPLSR Results	0+0+7+18 SPLSR Results	0+0+7+19 SPLSR Results	0+0+7+20 SPLSR Results	0+0+7+21 SPLSR Results	0+0+7+22 SPLSR Results
-23.5	-94.1	-097	LTE Band 25_Ant 0 Sub TX0	0.602	0.163	0.113															
-21.2	-97.6	-097	LTE Band 66_Ant 0 Sub TX0	0.664	0.163	0.113					0.02	0.02									
-23	-96.6	-097	FR1 n25_Ant 0 Sub TX0	0.602	0.163	0.113															
-23.5	-97.1	-097	FR1 n66_Ant 0 Sub TX0	0.602	0.163	0.113					0.02	0.02									
-24.5	-92.5	-097	FR1 n41_Ant 0 Sub TX0	0.667	0.163	0.113					0.02	0.02									
-25.5	-93.3	-097	FR1 n66_Ant 0 Sub TX0	0.398	0.163	0.113															
-24.5	-92	-097	FR1 n77_Ant 0 Sub TX0	0.324	0.163	0.113															

<Case 53>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 3	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.744	0.741	0.644
				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	0.833	0.005	0.163	1.745	1.742	1.645
LTE Band 66_Ant 5 Sub TX1	0.844	0.005	0.163	1.756	1.753	1.656
FR1 n25_Ant 5 Sub TX1	0.833	0.005	0.163	1.745	1.742	1.645
FR1 n66_Ant 5 Sub TX1	0.832	0.005	0.163	1.744	1.741	1.644
FR1 n41_Ant 5 Sub TX1	0.847	0.005	0.163	1.759	1.756	1.659
FR1 n48_Ant 5 Sub TX1	0.398	0.005	0.163	1.310	1.307	1.210
FR1 n77_Ant 5 Sub TX1	0.324	0.005	0.163	1.236	1.233	1.136

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 3	0.749	-25.9	59.5	-207.0	93.6	1.76	0.02	Not required
Max WWAN Ant 5+WLAN5/6G Ant 4+3	1.010	-23.5	-34.1	-207.0				

<Case 54>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	2	9	10	11
	WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.744	0.741	0.644
				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	0.833	0.078	0.163	1.818	1.815	1.718
LTE Band 66_Ant 5 Sub TX1	0.844	0.078	0.163	1.829	1.826	1.729
FR1 n25_Ant 5 Sub TX1	0.833	0.078	0.163	1.818	1.815	1.718
FR1 n66_Ant 5 Sub TX1	0.832	0.078	0.163	1.817	1.814	1.717
FR1 n41_Ant 5 Sub TX1	0.847	0.078	0.163	1.832	1.829	1.732
FR1 n48_Ant 5 Sub TX1	0.398	0.078	0.163	1.383	1.380	1.283
FR1 n77_Ant 5 Sub TX1	0.324	0.078	0.163	1.309	1.306	1.209

SAR peak location (mm)			X (axis)		-23.2	-22.4	-24.5	-25.9	-23.1
			Y (axis)		-62.5	-59.8	61.5	59.5	61.5
			Z (axis)		-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	2	9	10	11
				WWAN SAR	WLAN2.4GHz Ant 4	WLAN5/6GHz Ant 4+3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
			Right Edge	1g SAR (W/kg)			0.744	0.741	0.644
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-23.5	-34.1	-207	LTE Band 25_Ant 5 Sub TX1	0.833	0.078	0.163	0.03	0.03	0.02
-24.2	-37.6	-207	LTE Band 66_Ant 5 Sub TX1	0.844	0.078	0.163	0.02	0.03	0.02
-23	-36.6	-207	FR1 n25_Ant 5 Sub TX1	0.833	0.078	0.163	0.02	0.03	0.02
-23.5	-37.1	-207	FR1 n66_Ant 5 Sub TX1	0.832	0.078	0.163	0.02	0.03	0.02
-24.5	-41.5	-207	FR1 n41_Ant 5 Sub TX1	0.847	0.078	0.163	0.02	0.02	0.02
-25.9	-44.5	-207	FR1 n48_Ant 5 Sub TX1	0.398	0.078	0.163			
-24.5	-42	-207	FR1 n77_Ant 5 Sub TX1	0.324	0.078	0.163			

<Case 55>

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)			0.744	0.741	0.644
				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	0.833	0.070	0.163	1.810	1.807	1.710
LTE Band 66_Ant 5 Sub TX1	0.844	0.070	0.163	1.821	1.818	1.721
FR1 n25_Ant 5 Sub TX1	0.833	0.070	0.163	1.810	1.807	1.710
FR1 n66_Ant 5 Sub TX1	0.832	0.070	0.163	1.809	1.806	1.709
FR1 n41_Ant 5 Sub TX1	0.847	0.070	0.163	1.824	1.821	1.724
FR1 n48_Ant 5 Sub TX1	0.398	0.070	0.163	1.375	1.372	1.275
FR1 n77_Ant 5 Sub TX1	0.324	0.070	0.163	1.301	1.298	1.201

SAR peak location (mm)			X (axis)		-23.2	-22.4	-24.5	-25.9	-23.1
			Y (axis)		-65.5	-59.8	61.5	59.5	61.5
			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)			0.744	0.741	0.644
							0+1+2+9 SPLSR Results	0+1+2+10 SPLSR Results	0+1+2+11 SPLSR Results
-23.5	-34.1	-207	LTE Band 25_Ant 5 Sub TX1	0.833	0.070	0.163	0.03	0.03	0.02
-24.2	-37.6	-207	LTE Band 66_Ant 5 Sub TX1	0.844	0.070	0.163	0.02	0.03	0.02
-23	-36.6	-207	FR1 n25_Ant 5 Sub TX1	0.833	0.070	0.163	0.02	0.03	0.02
-23.5	-37.1	-207	FR1 n66_Ant 5 Sub TX1	0.832	0.070	0.163	0.02	0.03	0.02
-24.5	-41.5	-207	FR1 n41_Ant 5 Sub TX1	0.847	0.070	0.163	0.02	0.02	0.02
-25.9	-44.5	-207	FR1 n48_Ant 5 Sub TX1	0.398	0.070	0.163			
-24.5	-42	-207	FR1 n77_Ant 5 Sub TX1	0.324	0.070	0.163			

<Case 56>

SPLSR calculation for summation SAR>1.6W/kg

Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Bluetooth Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.744	0.741	0.644
				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	0.833	0.163	0.006	1.746	1.743	1.646
LTE Band 66_Ant 5 Sub TX1	0.844	0.163	0.006	1.757	1.754	1.657
FR1 n25_Ant 5 Sub TX1	0.833	0.163	0.006	1.746	1.743	1.646
FR1 n66_Ant 5 Sub TX1	0.832	0.163	0.006	1.745	1.742	1.645
FR1 n41_Ant 5 Sub TX1	0.847	0.163	0.006	1.760	1.757	1.660
FR1 n48_Ant 5 Sub TX1	0.398	0.163	0.006	1.311	1.308	1.211
FR1 n77_Ant 5 Sub TX1	0.324	0.163	0.006	1.237	1.234	1.137

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7+Bluetooth Ant 3	0.750	-27.3	55.5	-207.0	89.7	1.76	0.03	Not required
Max WWAN Ant 5+WLAN5/6G Ant 4+3	1.010	-23.5	-34.1	-207.0				

<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)			0.744	0.741	0.644
				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	0.833	0.163	0.253	1.993	1.990	1.893
LTE Band 66_Ant 5 Sub TX1	0.844	0.163	0.253	2.004	2.001	1.904
FR1 n25_Ant 5 Sub TX1	0.833	0.163	0.253	1.993	1.990	1.893
FR1 n66_Ant 5 Sub TX1	0.832	0.163	0.253	1.992	1.989	1.892
FR1 n41_Ant 5 Sub TX1	0.847	0.163	0.253	2.007	2.004	1.907
FR1 n48_Ant 5 Sub TX1	0.398	0.163	0.253	1.558	1.555	1.458
FR1 n77_Ant 5 Sub TX1	0.324	0.163	0.253	1.484	1.481	1.384

SAR peak location (mm)			X (axis)		-22.4	-24.5	-24.5	-25.9	-23.1
			Y (axis)		-59.8	-65.5	61.5	59.5	61.5
			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)			0.744	0.741	0.644
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-23.5	-34.1	-207	LTE Band 25_Ant 5 Sub TX1	0.833	0.163	0.253	0.03	0.03	0.03
-24.2	-37.6	-207	LTE Band 66_Ant 5 Sub TX1	0.844	0.163	0.253	0.03	0.03	0.03
-23	-36.6	-207	FR1 n25_Ant 5 Sub TX1	0.833	0.163	0.253	0.03	0.03	0.03
-23.5	-37.1	-207	FR1 n66_Ant 5 Sub TX1	0.832	0.163	0.253	0.03	0.03	0.03
-24.5	-41.5	-207	FR1 n41_Ant 5 Sub TX1	0.847	0.163	0.253	0.03	0.03	0.03
-25.9	-44.5	-207	FR1 n48_Ant 5 Sub TX1	0.398	0.163	0.253			
-24.5	-42	-207	FR1 n77_Ant 5 Sub TX1	0.324	0.163	0.253			

<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)			0.744	0.741	0.644
				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	0.833	0.163	0.113	1.853	1.850	1.753
LTE Band 66_Ant 5 Sub TX1	0.844	0.163	0.113	1.864	1.861	1.764
FR1 n25_Ant 5 Sub TX1	0.833	0.163	0.113	1.853	1.850	1.753
FR1 n66_Ant 5 Sub TX1	0.832	0.163	0.113	1.852	1.849	1.752
FR1 n41_Ant 5 Sub TX1	0.847	0.163	0.113	1.867	1.864	1.767
FR1 n48_Ant 5 Sub TX1	0.398	0.163	0.113	1.418	1.415	1.318
FR1 n77_Ant 5 Sub TX1	0.324	0.163	0.113	1.344	1.341	1.244

SAR peak location (mm)			X (axis)		-22.4	-22.7	-24.5	-25.9	-23.1
			Y (axis)		-59.8	-65	61.5	59.5	61.5
			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)			0.744	0.741	0.644
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-23.5	-34.1	-207	LTE Band 25_Ant 5 Sub TX1	0.833	0.163	0.113	0.03	0.03	0.02
-24.2	-37.6	-207	LTE Band 66_Ant 5 Sub TX1	0.844	0.163	0.113	0.03	0.03	0.02
-23	-36.6	-207	FR1 n25_Ant 5 Sub TX1	0.833	0.163	0.113	0.03	0.03	0.02
-23.5	-37.1	-207	FR1 n66_Ant 5 Sub TX1	0.832	0.163	0.113	0.03	0.03	0.02
-24.5	-41.5	-207	FR1 n41_Ant 5 Sub TX1	0.847	0.163	0.113	0.02	0.03	0.02
-25.9	-44.5	-207	FR1 n48_Ant 5 Sub TX1	0.398	0.163	0.113			
-24.5	-42	-207	FR1 n77_Ant 5 Sub TX1	0.324	0.163	0.113			

<Case 59>

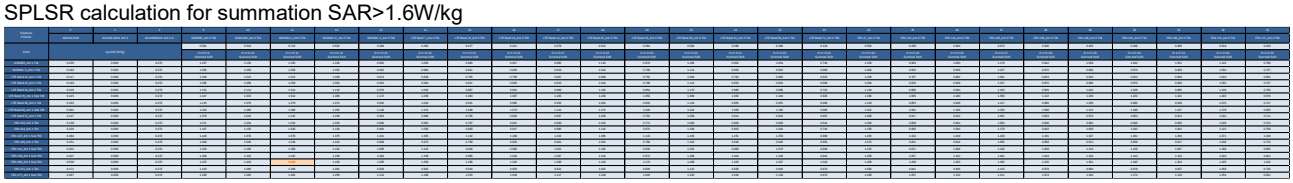
SPLSR calculation for summation SAR>1.6W/kg

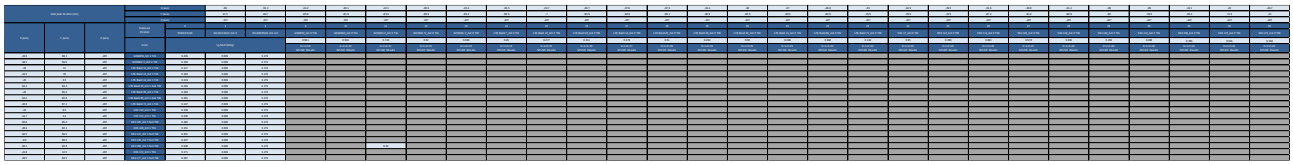
Exposure Position	0	1	7	9	10	11
	WWAN SAR	WLAN5/6GHz Ant 4+3	Thread Ant 3	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Right Edge	1g SAR (W/kg)			0.744	0.741	0.644
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
LTE Band 25_Ant 5 Sub TX1	0.833	0.163	0.001	1.741	1.738	1.641
LTE Band 66_Ant 5 Sub TX1	0.844	0.163	0.001	1.752	1.749	1.652
FR1 n25_Ant 5 Sub TX1	0.833	0.163	0.001	1.741	1.738	1.641
FR1 n66_Ant 5 Sub TX1	0.832	0.163	0.001	1.740	1.737	1.640
FR1 n41_Ant 5 Sub TX1	0.847	0.163	0.001	1.755	1.752	1.655
FR1 n48_Ant 5 Sub TX1	0.398	0.163	0.001	1.306	1.303	1.206
FR1 n77_Ant 5 Sub TX1	0.324	0.163	0.001	1.232	1.229	1.132

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 7+Thread Ant 3	0.745	-25.9	59.5	-207.0	93.6	1.76	0.02	Not required
Max WWAN Ant 5+WLAN5/6G Ant 4+3	1.010	-23.5	-34.1	-207.0				

<Case 60>

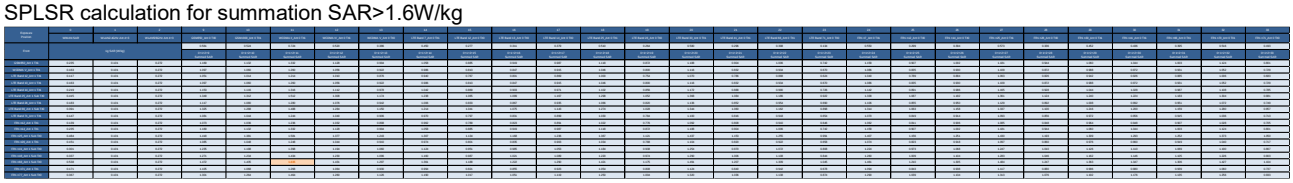
SPLSR calculation for summation SAR>1.6W/kg

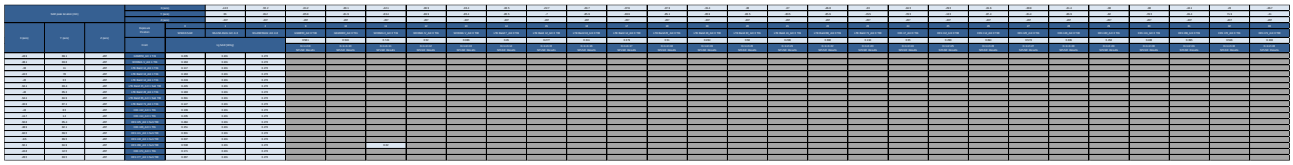




<Case 61>

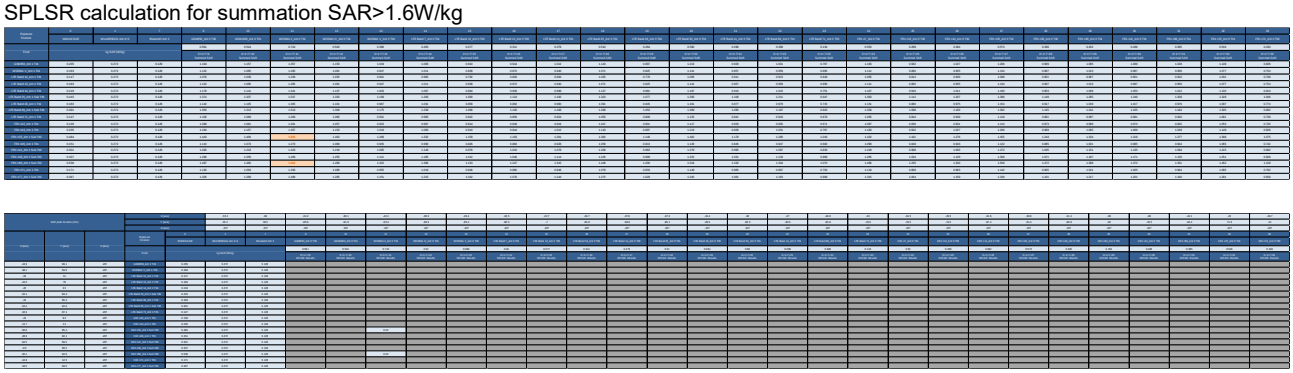
SPLSR calculation for summation SAR>1.6W/kg





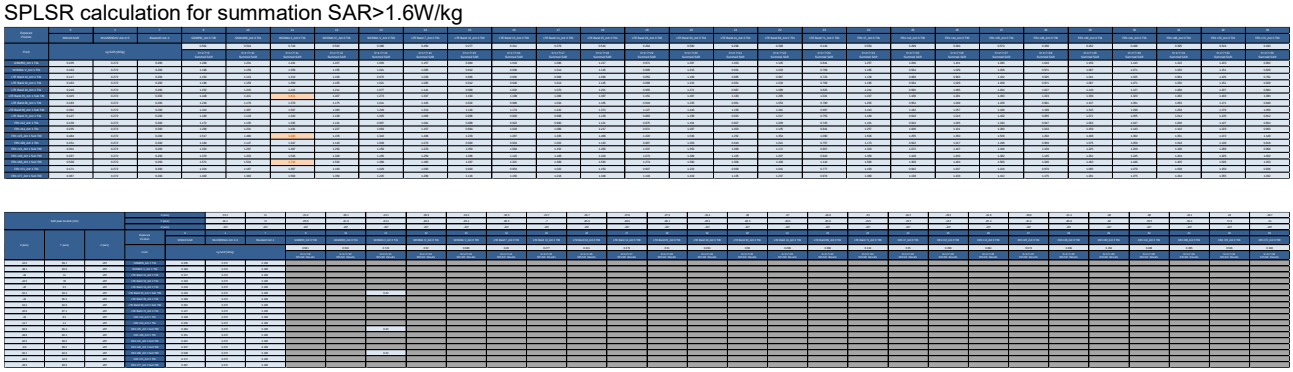
<Case 62>

SPLSR calculation for summation SAR>1.6W/kg



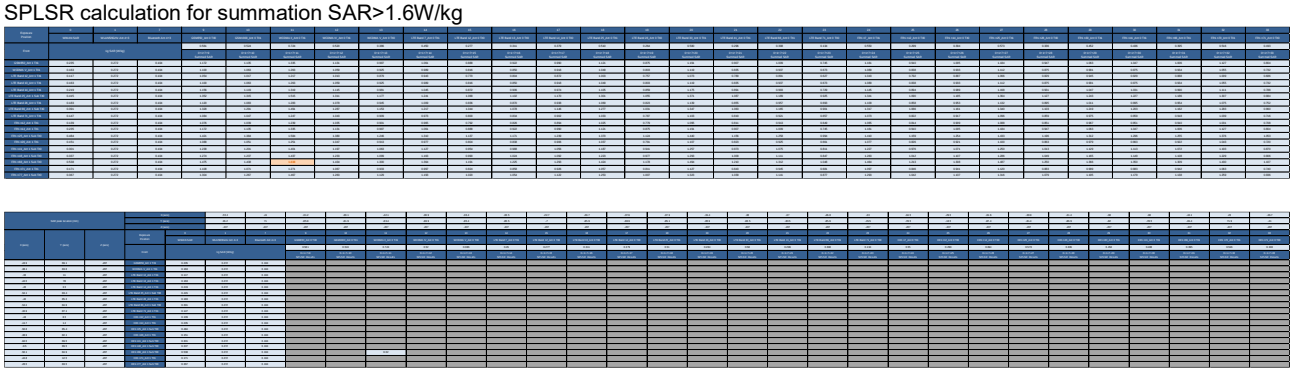
<Case 63>

SPLSR calculation for summation SAR>1.6W/kg



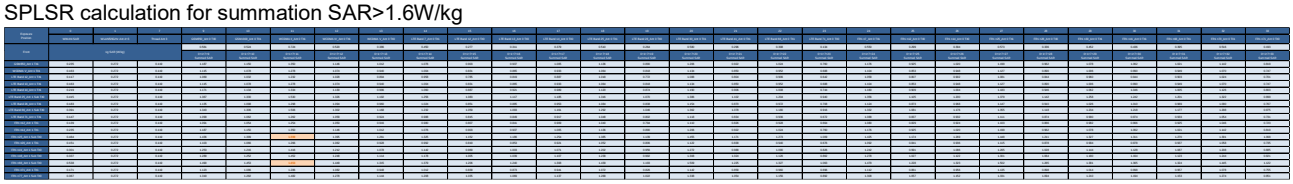
<Case 64>

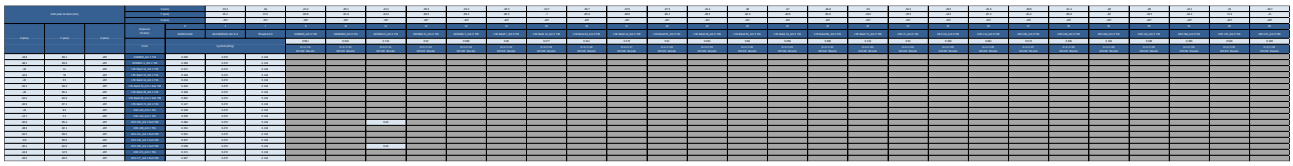
SPLSR calculation for summation SAR>1.6W/kg



<Case 65>

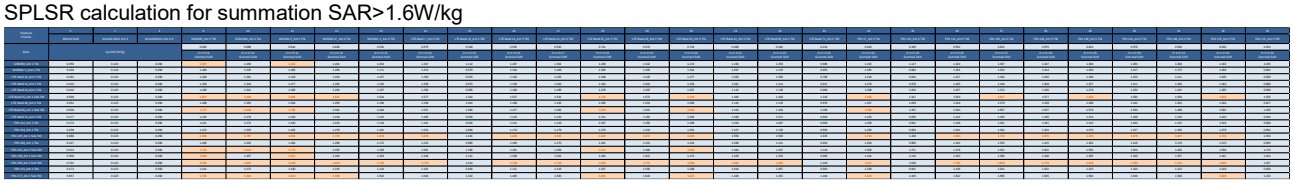
SPLSR calculation for summation SAR>1.6W/kg

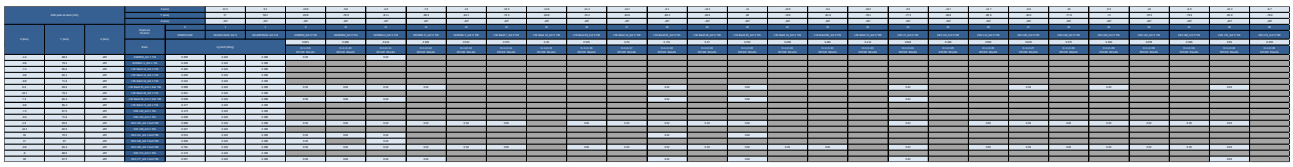




<Case 66>

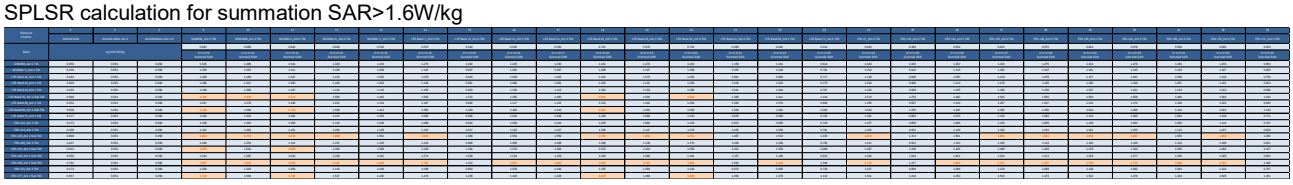
SPLSR calculation for summation SAR>1.6W/kg

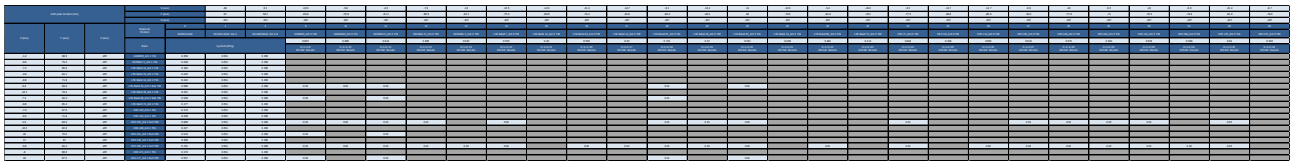




<Case 67>

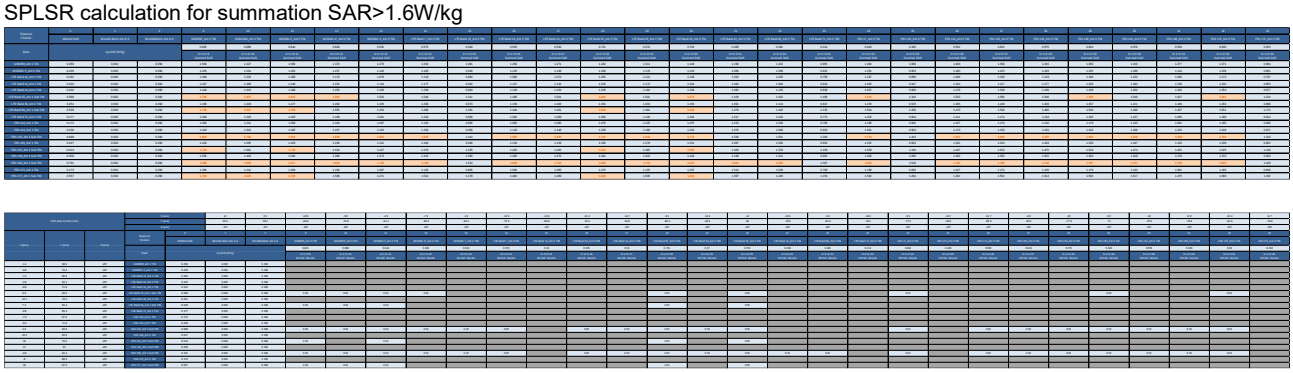
SPLSR calculation for summation SAR>1.6W/kg





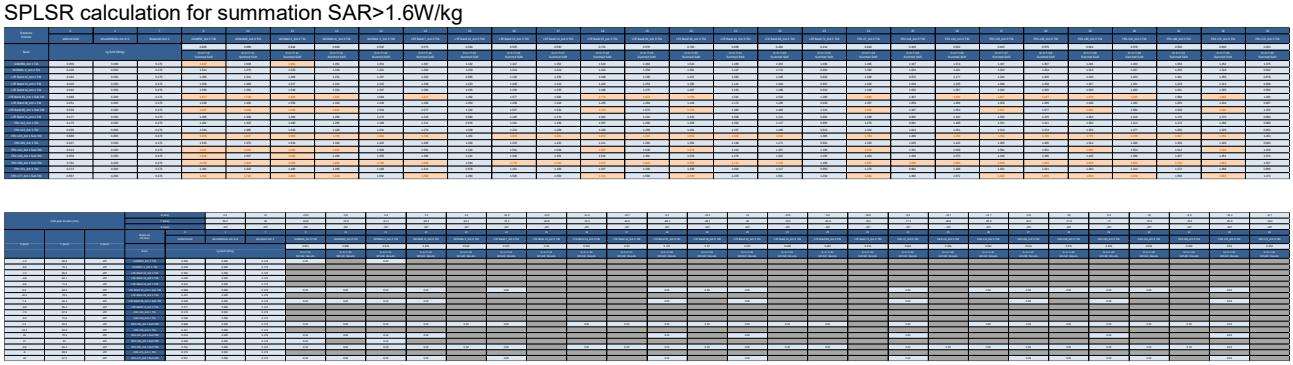
<Case 68>

SPLSR calculation for summation SAR>1.6W/kg



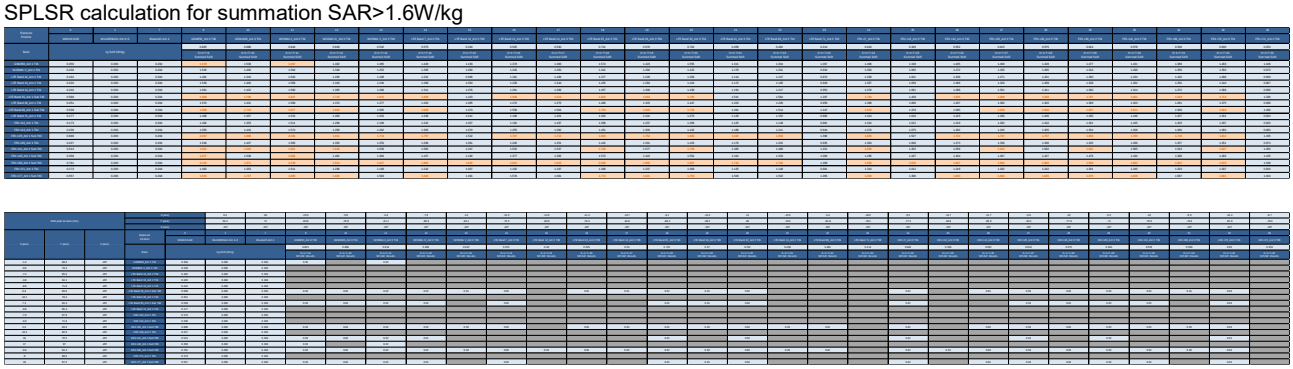
<Case 69>

SPLSR calculation for summation SAR>1.6W/kg



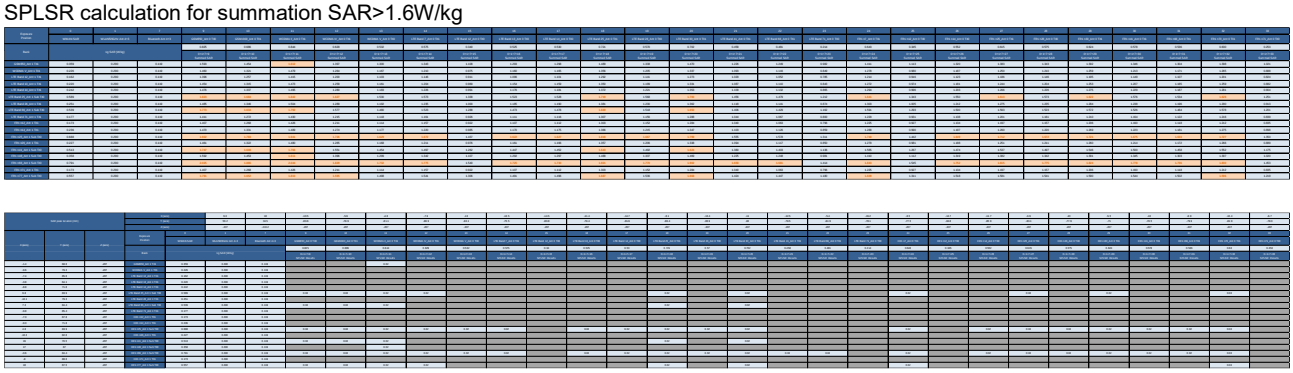
<Case 70>

SPLSR calculation for summation SAR>1.6W/kg



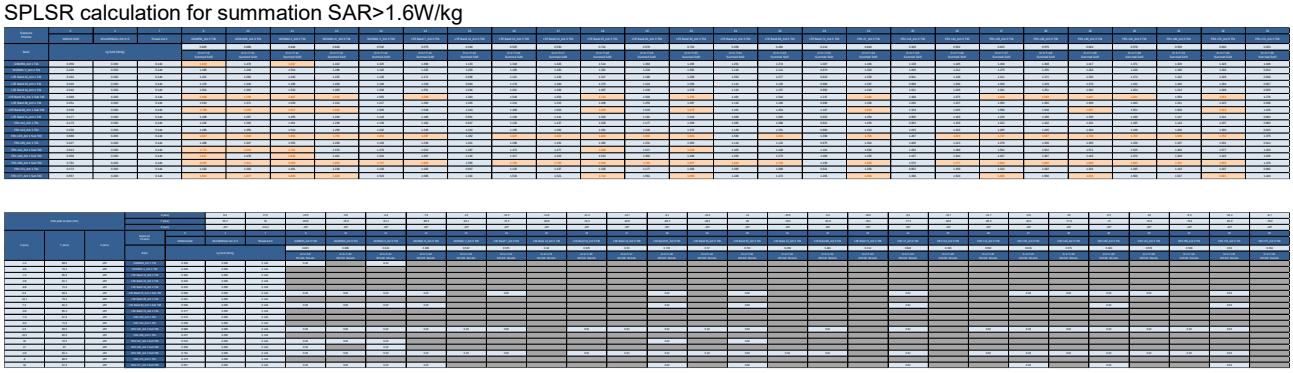
<Case 71>

SPLSR calculation for summation SAR>1.6W/kg



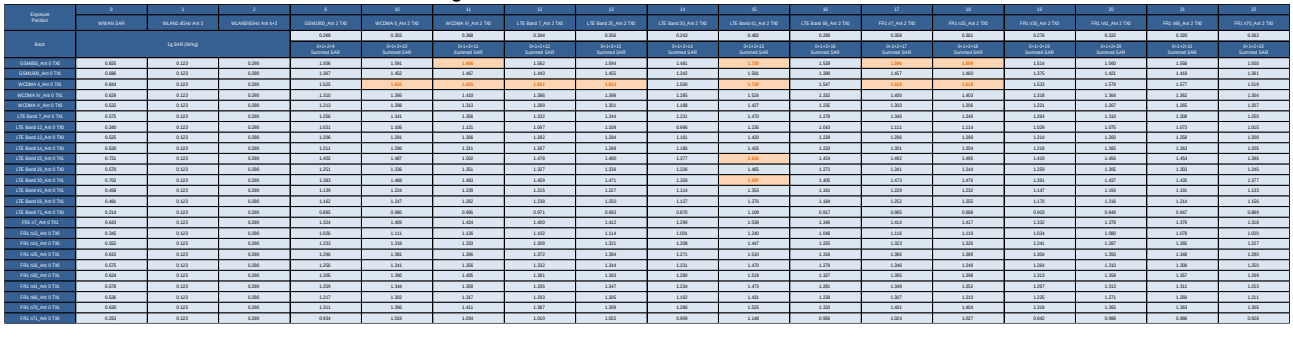
<Case 72>

SPLSR calculation for summation SAR>1.6W/kg



<Case 73>

SPLSR calculation for summation SAR>1.6W/kg



Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-41.9	-62.3	-207.0	37.9	1.33	0.04	Not required
Max WWAN Ant 0	0.844	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	111.9	0.61	0.00	Not required
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	119.3	0.97	0.01	Not required
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	127.7	0.77	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	139.7	1.13	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
WLAN2.4G Ant 3	0.123	12.5	37.0	-207.0	22.1	0.41	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				

<Case 74>

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)			0.299	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.361	0.276	0.319	0.330	0.262
				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
GSM1900_Ant 0 TX0	0.605	0.051	0.290	1.434	1.519	1.534	1.510	1.522	1.459	1.448	1.458	1.524	1.527	1.442	1.486	1.486	1.429
GSM1900_Ant 0 TX0	0.486	0.051	0.290	1.295	1.380	1.395	1.371	1.383	1.270	1.509	1.317	1.385	1.388	1.303	1.349	1.347	1.299
WCDMA II_Ant 0 TX0	0.844	0.051	0.290	1.453	1.538	1.553	1.529	1.541	1.439	1.497	1.475	1.543	1.546	1.461	1.507	1.505	1.447
WCDMA IV_Ant 0 TX0	0.609	0.051	0.290	1.238	1.323	1.338	1.314	1.326	1.210	1.452	1.260	1.329	1.331	1.246	1.292	1.290	1.252
WCDMA V_Ant 0 TX0	0.532	0.051	0.290	1.141	1.226	1.241	1.217	1.229	1.116	1.355	1.163	1.231	1.234	1.149	1.195	1.193	1.155
LTE Band 7_Ant 0 TX0	0.575	0.051	0.290	1.184	1.269	1.284	1.260	1.272	1.159	1.398	1.206	1.274	1.277	1.192	1.238	1.236	1.178
LTE Band 12_Ant 0 TX0	0.340	0.051	0.290	0.949	1.034	1.049	1.025	1.037	0.924	1.163	0.971	1.039	1.042	0.957	1.003	1.001	0.963
LTE Band 13_Ant 0 TX0	0.326	0.051	0.290	1.134	1.219	1.234	1.210	1.222	1.109	1.348	1.156	1.224	1.227	1.142	1.188	1.186	1.139
LTE Band 14_Ant 0 TX0	0.530	0.051	0.290	1.139	1.224	1.239	1.215	1.227	1.114	1.353	1.161	1.229	1.232	1.147	1.193	1.191	1.133
LTE Band 25_Ant 0 TX0	0.701	0.051	0.290	1.330	1.415	1.430	1.406	1.418	1.305	1.544	1.352	1.420	1.423	1.338	1.384	1.382	1.324
LTE Band 26_Ant 0 TX0	0.570	0.051	0.290	1.179	1.264	1.279	1.255	1.267	1.154	1.392	1.201	1.269	1.272	1.187	1.233	1.231	1.173
LTE Band 30_Ant 0 TX0	0.702	0.051	0.290	1.311	1.396	1.411	1.387	1.399	1.286	1.525	1.333	1.401	1.404	1.319	1.365	1.363	1.305
LTE Band 41_Ant 0 TX0	0.458	0.051	0.290	1.067	1.152	1.167	1.143	1.155	1.042	1.281	1.088	1.157	1.160	1.075	1.121	1.119	1.081
LTE Band 66_Ant 0 TX0	0.485	0.051	0.290	1.090	1.175	1.190	1.166	1.178	1.065	1.304	1.112	1.180	1.183	1.098	1.144	1.142	1.084
LTE Band 71_Ant 0 TX0	0.314	0.051	0.290	0.923	0.909	0.923	0.899	0.911	0.798	1.027	0.845	0.913	0.914	0.831	0.877	0.875	0.837
FR1 n7_Ant 0 TX0	0.643	0.051	0.290	1.202	1.337	1.352	1.328	1.340	1.227	1.466	1.274	1.342	1.345	1.260	1.306	1.304	1.246
FR1 n12_Ant 0 TX0	0.346	0.051	0.290	0.954	1.039	1.054	1.030	1.042	0.929	1.168	0.976	1.044	1.047	0.962	1.008	1.006	0.968
FR1 n14_Ant 0 TX0	0.552	0.051	0.290	1.191	1.246	1.261	1.237	1.249	1.136	1.375	1.183	1.251	1.254	1.169	1.215	1.213	1.165
FR1 n25_Ant 0 TX0	0.615	0.051	0.290	1.224	1.309	1.324	1.300	1.312	1.199	1.439	1.246	1.314	1.317	1.232	1.278	1.276	1.218
FR1 n26_Ant 0 TX0	0.575	0.051	0.290	1.184	1.269	1.284	1.260	1.272	1.159	1.398	1.206	1.274	1.277	1.192	1.238	1.236	1.178
FR1 n30_Ant 0 TX0	0.604	0.051	0.290	1.210	1.318	1.333	1.309	1.321	1.208	1.447	1.255	1.323	1.326	1.241	1.287	1.285	1.227
FR1 n66_Ant 0 TX0	0.578	0.051	0.290	1.187	1.272	1.287	1.263	1.275	1.162	1.401	1.209	1.277	1.280	1.195	1.241	1.239	1.181
FR1 n66_Ant 0 TX0	0.538	0.051	0.290	1.145	1.230	1.245	1.221	1.233	1.120	1.359	1.167	1.235	1.238	1.153	1.199	1.197	1.139
FR1 n70_Ant 0 TX0	0.630	0.051	0.290	1.239	1.324	1.339	1.315	1.327	1.214	1.453	1.261	1.329	1.332	1.247	1.293	1.291	1.233
FR1 n70_Ant 0 TX0	0.353	0.051	0.290	0.932	0.947	0.962	0.938	0.950	0.837	1.076	0.884	0.952	0.953	0.870	0.916	0.914	0.876

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	44.5	1.33	0.03	Not required
Max WWAN Ant 0	0.844	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	135.6	0.53	0.00	Not required
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	156.6	0.90	0.01	Not required
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	143.3	0.77	0.00	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	139.7	1.13	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
WLAN2.4G Ant 4	0.051	-66.0	63.0	-207.0	21.7	0.34	0.01	Not required
WLAN5/6G Ant 4+3	0.290	-54.9	81.7	-207.0				

<Case 75>

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)			0.269	0.353	0.368	0.344	0.356	0.243	0.482	0.299	0.359	0.361	0.276	0.319	0.330	0.262
				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
GSM1900_Ant 0 TX0	0.825	0.062	0.290	1.475	1.560	1.575	1.551	1.563	1.450	1.689	1.487	1.565	1.568	1.483	1.529	1.527	1.469
GSM1900_Ant 0 TX0	0.686	0.062	0.290	1.336	1.421	1.436	1.412	1.424	1.311	1.550	1.358	1.426	1.429	1.344	1.390	1.388	1.330
WCDMA II_Ant 0 TX0	0.844	0.062	0.290	1.494	1.579	1.594	1.570	1.582	1.469	1.705	1.516	1.584	1.587	1.502	1.548	1.546	1.488
WCDMA IV_Ant 0 TX0	0.828	0.062	0.290	1.278	1.364	1.378	1.355	1.367	1.254	1.493	1.301	1.369	1.372	1.287	1.333	1.331	1.273
WCDMA V_Ant 0 TX0	0.532	0.062	0.290	1.182	1.267	1.282	1.258	1.270	1.157	1.396	1.204	1.272	1.275	1.190	1.236	1.234	1.176
LTE Band 7_Ant 0 TX0	0.575	0.062	0.290	1.225	1.310	1.325	1.301	1.313	1.200	1.439	1.247	1.315	1.318	1.233	1.279	1.277	1.219
LTE Band 12_Ant 0 TX0	0.340	0.062	0.290	0.992	1.075	1.090	1.065	1.078	0.965	1.204	1.012	1.080	1.083	0.998	1.044	1.042	0.984
LTE Band 13_Ant 0 TX0	0.326	0.062	0.290	1.170	1.260	1.275	1.251	1.263	1.150	1.399	1.197	1.265	1.268	1.183	1.229	1.227	1.169
LTE Band 14_Ant 0 TX0	0.530	0.062	0.290	1.180	1.265	1.280	1.256	1.268	1.155	1.394	1.202	1.270	1.273	1.188	1.234	1.232	1.174
LTE Band 25_Ant 0 TX0	0.701	0.062	0.290	1.371	1.456	1.471	1.447	1.459	1.346	1.595	1.393	1.461	1.464	1.378	1.425	1.423	1.365
LTE Band 26_Ant 0 TX0	0.570	0.062	0.290	1.220	1.301	1.310	1.295	1.308	1.195	1.434	1.242	1.310	1.313	1.228	1.274	1.272	1.214
LTE Band 30_Ant 0 TX0	0.702	0.062	0.290	1.352	1.437	1.452	1.428	1.440	1.327	1.566	1.374	1.442	1.445	1.360	1.406	1.404	1.348
LTE Band 41_Ant 0 TX0	0.458	0.062	0.290	1.108	1.193	1.208	1.184	1.196	1.083	1.322	1.130	1.198	1.201	1.116	1.162	1.160	1.102
LTE Band 66_Ant 0 TX0	0.485	0.062	0.290	1.131	1.216	1.231	1.207	1.219	1.106	1.345	1.153	1.221	1.224	1.139	1.185	1.183	1.125
LTE Band 71_Ant 0 TX0	0.314	0.062	0.290	0.944	0.949	0.964	0.940	0.952	0.839	1.079	0.886	0.954	0.957	0.872	0.918	0.916	0.858
FR1 n7_Ant 0 TX0	0.643	0.062	0.290	1.293	1.379	1.394	1.369	1.381	1.268	1.507	1.331	1.383	1.386	1.301	1.347	1.345	1.287
FR1 n25_Ant 0 TX0	0.346	0.062	0.290	0.995	1.080	1.095	1.071	1.083	0.970	1.209	1.017	1.085	1.088	1.003	1.049	1.047	0.989
FR1 n41_Ant 0 TX0	0.552	0.062	0.290	1.202	1.287	1.302	1.278	1.290	1.177	1.416	1.224	1.292	1.295	1.210	1.256	1.254	1.196
FR1 n66_Ant 0 TX0	0.615	0.062	0.290	1.265	1.350	1.365	1.341	1.353	1.240	1.479	1.287	1.355	1.358	1.273	1.319	1.317	1.259
FR1 n70_Ant 0 TX0	0.575	0.062	0.290	1.225	1.310	1.325	1.301	1.313	1.200	1.439	1.247	1.315	1.318	1.233	1.279	1.277	1.219
FR1 n77_Ant 0 TX0	0.624	0.062	0.290	1.274	1.359	1.374	1.350	1.362	1.249	1.488	1.296	1.364	1.367	1.282	1.328	1.326	1.268
FR1 n78_Ant 0 TX0	0.578	0.062	0.290	1.228	1.313	1.328	1.304	1.316	1.203	1.442	1.250	1.318	1.321	1.236	1.282	1.280	1.222
FR1 n66_Ant 0 TX0	0.538	0.062	0.290	1.186	1.271	1.286	1.262	1.274	1.161	1.400	1.208	1.276	1.279	1.194	1.240	1.238	1.180
FR1 n70_Ant 0 TX0	0.630	0.062	0.290	1.280	1.365	1.380	1.356	1.368	1.255	1.494	1.302	1.370	1.373	1.288	1.334	1.332	1.274
FR1 n71_Ant 0 TX0	0.353	0.062	0.290	0.933	0.988	1.003	0.979	0.991	0.878	1.117	0.925	0.993	0.996	0.911	0.957	0.955	0.897

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-41.9	-62.3	-207.0	41.8	1.33	0.04	Not required
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	129.5	0.57	0.00	Not required
WLAN2.4G Ant 4+3	0.092	14.0	38.5	-207.0				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	121.0	0.94	0.01	Not required
WLAN2.4G Ant 4+3	0.092	14.0	38.5	-207.0				
Max WWAN Ant 2	0.482	-53.5	-72.0	-207.0	143.3	0.77	0.00	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	139.7	1.13	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
WLAN2.4G Ant 4+3	0.092	-62.5	75.0	-207.0	10.1	0.38	0.02	Not required
WLAN5/6G Ant 4+3	0.290	-54.9	81.7	-207.0				
WLAN2.4G Ant 4+3(4)	0.076	-62.5	75.0	-207.0	10.1	0.36	0.02	Not required
WLAN5/6G Ant 4+3(4)	0.287	-54.9	81.7	-207.0				
WLAN2.4G Ant 4+3(3)	0.092	14.0	38.5	-207.0	81.3	0.38	0.00	Not required
WLAN5/6G Ant 4+3(4)	0.287	-54.9	81.7	-207.0				
WLAN2.4G Ant 4+3(4)	0.076	-62.5	75.0	-207.0	70.8	0.37	0.00	Not required
WLAN5/6G Ant 4+3(3)	0.290	6.3	58.2	-207.0				
WLAN2.4G Ant 4+3(3)	0.092	14.0	38.5	-207.0	21.2	0.38	0.01	Not required
WLAN5/6G Ant 4+3(3)	0.290	6.3	58.2	-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	Bluetooth Ant 3	GSM1900_Ant 0 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 n38_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)			0.269	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.356	0.361	0.276	0.322	0.320	0.262
				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	0.605	0.290	0.173	1.556	1.645	1.656	1.623	1.644	1.631	1.770	1.578	1.646	1.645	1.594	1.633	1.638	1.568
GSM1900_Ant 0 TX0	0.686	0.290	0.173	1.637	1.552	1.517	1.493	1.505	1.382	1.431	1.438	1.507	1.510	1.425	1.471	1.468	1.411
WCDMA II_Ant 0 TX0	0.844	0.290	0.173	1.576	1.643	1.575	1.541	1.543	1.530	1.770	1.597	1.643	1.643	1.583	1.633	1.622	1.569
WCDMA IV_Ant 0 TX0	0.639	0.290	0.173	1.569	1.495	1.460	1.439	1.448	1.336	1.574	1.392	1.457	1.453	1.398	1.444	1.442	1.364
WCDMA V_Ant 0 TX0	0.532	0.290	0.173	1.563	1.349	1.363	1.339	1.351	1.238	1.477	1.266	1.353	1.356	1.271	1.317	1.315	1.257
LTE Band 7_Ant 0 TX0	0.575	0.290	0.173	1.306	1.391	1.406	1.382	1.394	1.281	1.520	1.328	1.396	1.399	1.314	1.360	1.358	1.300
LTE Band 12_Ant 0 TX0	0.340	0.290	0.173	1.071	1.158	1.171	1.147	1.159	1.046	1.295	1.093	1.161	1.164	1.079	1.125	1.123	1.065
LTE Band 13_Ant 0 TX0	0.505	0.290	0.173	1.256	1.341	1.356	1.332	1.344	1.231	1.470	1.278	1.346	1.349	1.264	1.310	1.308	1.253
LTE Band 14_Ant 0 TX0	0.532	0.290	0.173	1.261	1.346	1.361	1.337	1.349	1.236	1.475	1.283	1.351	1.354	1.269	1.315	1.313	1.265
LTE Band 25_Ant 0 TX0	0.701	0.290	0.173	1.452	1.537	1.552	1.528	1.540	1.427	1.669	1.474	1.542	1.545	1.460	1.506	1.504	1.446
LTE Band 26_Ant 0 TX0	0.570	0.290	0.173	1.301	1.386	1.401	1.377	1.389	1.276	1.515	1.323	1.391	1.394	1.309	1.351	1.353	1.295
LTE Band 30_Ant 0 TX0	0.702	0.290	0.173	1.433	1.518	1.533	1.509	1.521	1.408	1.647	1.455	1.523	1.526	1.441	1.487	1.485	1.427
LTE Band 41_Ant 0 TX0	0.458	0.290	0.173	1.189	1.274	1.288	1.265	1.277	1.164	1.403	1.211	1.279	1.282	1.197	1.243	1.241	1.183
LTE Band 66_Ant 0 TX0	0.485	0.290	0.173	1.212	1.297	1.312	1.288	1.300	1.187	1.426	1.234	1.302	1.305	1.220	1.266	1.264	1.206
LTE Band 71_Ant 0 TX0	0.214	0.290	0.173	0.945	1.030	1.045	1.021	1.033	0.920	1.159	0.967	1.035	1.038	0.953	0.999	0.997	0.939
FR1 n7_Ant 0 TX0	0.643	0.290	0.173	1.374	1.459	1.474	1.450	1.462	1.349	1.599	1.296	1.464	1.467	1.383	1.429	1.426	1.368
FR1 n38_Ant 0 TX0	0.346	0.290	0.173	1.076	1.161	1.176	1.152	1.164	1.051	1.290	1.098	1.166	1.169	1.084	1.130	1.128	1.070
FR1 n30_Ant 0 TX0	0.552	0.290	0.173	1.283	1.368	1.383	1.359	1.371	1.258	1.497	1.305	1.373	1.376	1.291	1.337	1.335	1.277
FR1 n41_Ant 0 TX0	0.615	0.290	0.173	1.346	1.431	1.446	1.422	1.434	1.321	1.560	1.368	1.436	1.439	1.354	1.400	1.398	1.340
FR1 n66_Ant 0 TX0	0.575	0.290	0.173	1.308	1.394	1.408	1.383	1.394	1.281	1.520	1.328	1.396	1.399	1.314	1.360	1.358	1.300
FR1 n70_Ant 0 TX0	0.624	0.290	0.173	1.355	1.440	1.455	1.431	1.443	1.330	1.569	1.377	1.445	1.448	1.363	1.409	1.407	1.349
FR1 n66_Ant 0 TX0	0.578	0.290	0.173	1.309	1.394	1.409	1.385	1.397	1.284	1.523	1.331	1.399	1.402	1.317	1.363	1.361	1.303
FR1 n66_Ant 0 TX0	0.538	0.290	0.173	1.267	1.352	1.367	1.343	1.355	1.242	1.481	1.288	1.357	1.360	1.275	1.321	1.319	1.261
FR1 n70_Ant 0 TX0	0.630	0.290	0.173	1.361	1.446	1.461	1.437	1.449	1.336	1.575	1.383	1.451	1.454	1.369	1.415	1.413	1.355
FR1 n70_Ant 0 TX0	0.353	0.290	0.173	0.994	1.069	1.084	1.060	1.072	0.959	1.198	1.006	1.074	1.077	0.992	1.038	1.036	0.978

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-42.4	-64.8	-207.0	37.0	1.33	0.04	Not required
Max WWAN Ant 0	0.844	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	111.9	0.66	0.00	Not required
Bluetooth Ant 3	0.173	14.0	36.0	-207.0				
Max WWAN Ant 0	0.844	-5.6	-78.9	-207.0	116.6	1.02	0.01	Not required
Bluetooth Ant 3	0.173	14.0	36.0	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	127.7	0.77	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 0	0.844	-5.6	-78.9	-207.0	137.6	1.13	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Bluetooth Ant 3	0.173	14.0	36.0	-207.0	23.5	0.46	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				

<Case 77>

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 0 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 n38_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)			0.268	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.356	0.361	0.276	0.322	0.320	0.262
				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	0.605	0.290	0.204	1.587	1.673	1.687	1.653	1.675	1.562	1.801	1.608	1.677	1.680	1.595	1.641	1.639	1.581
GSM1900_Ant 0 TX0	0.686	0.290	0.204	1.648	1.533	1.548	1.524	1.536	1.423	1.462	1.470	1.528	1.541	1.456	1.502	1.500	1.442
WCDMA II_Ant 0 TX0	0.844	0.290	0.204	1.656	1.642	1.576	1.542	1.553	1.541	1.801	1.620	1.643	1.654	1.614	1.642	1.632	1.583
WCDMA IV_Ant 0 TX0	0.639	0.290	0.204	1.591	1.476	1.466	1.447	1.479	1.366	1.595	1.413	1.481	1.484	1.399	1.445	1.443	1.385
WCDMA V_Ant 0 TX0	0.532	0.290	0.204	1.294	1.379	1.394	1.370	1.382	1.269	1.508	1.316	1.384	1.387	1.302	1.348	1.346	1.289
LTE Band 7_Ant 0 TX0	0.575	0.290	0.204	1.337	1.422	1.437	1.413	1.425	1.312	1.551	1.358	1.427	1.430	1.345	1.391	1.388	1.331
LTE Band 12_Ant 0 TX0	0.340	0.290	0.204	1.102	1.187	1.202	1.178	1.190	1.077	1.326	1.124	1.192	1.195	1.110	1.156	1.154	1.096
LTE Band 13_Ant 0 TX0	0.505	0.290	0.204	1.287	1.372	1.387	1.363	1.375	1.262	1.501	1.309	1.377	1.380	1.295	1.341	1.339	1.284
LTE Band 14_Ant 0 TX0	0.532	0.290	0.204	1.292	1.377	1.392	1.368	1.380	1.267	1.506	1.314	1.382	1.385	1.300	1.346	1.344	1.296
LTE Band 25_Ant 0 TX0	0.701	0.290	0.204	1.483	1.568	1.583	1.559	1.571	1.458	1.697	1.505	1.573	1.576	1.491	1.537	1.535	1.477
LTE Band 26_Ant 0 TX0	0.570	0.290	0.204	1.332	1.417	1.432	1.408	1.420	1.307	1.546	1.354	1.422	1.425	1.340	1.386	1.384	1.326
LTE Band 30_Ant 0 TX0	0.702	0.290	0.204	1.464	1.549	1.564	1.540	1.552	1.439	1.678	1.486	1.554	1.557	1.472	1.518	1.516	1.458
LTE Band 41_Ant 0 TX0	0.458	0.290	0.204	1.220	1.305	1.320	1.296	1.308	1.195	1.434	1.242	1.310	1.313	1.228	1.274	1.272	1.214
LTE Band 66_Ant 0 TX0	0.485	0.290	0.204	1.243	1.328	1.343	1.319	1.331	1.218	1.457	1.265	1.333	1.336	1.251	1.297	1.295	1.237
LTE Band 71_Ant 0 TX0	0.214	0.290	0.204	0.976	1.061	1.076	1.052	1.064	0.951	1.190	0.998	1.066	1.069	0.984	1.030	1.028	0.970
FR1 n7_Ant 0 TX0	0.643	0.290	0.204	1.406	1.490	1.505	1.481	1.493	1.380	1.630	1.327	1.495	1.498	1.413	1.459	1.457	1.399
FR1 n38_Ant 0 TX0	0.346	0.290	0.204	1.107	1.192	1.207	1.183	1.195	1.082	1.321	1.128	1.197	1.200	1.115	1.161	1.159	1.101
FR1 n30_Ant 0 TX0	0.552	0.290	0.204	1.314	1.399	1.414	1.390	1.402	1.289	1.528	1.336	1.404	1.407	1.322	1.368	1.366	1.308
FR1 n41_Ant 0 TX0	0.615	0.290	0.204	1.377	1.462	1.477	1.453	1.465	1.352	1.591	1.399	1.467	1.470	1.385	1.431	1.429	1.371
FR1 n66_Ant 0 TX0	0.575	0.290	0.204	1.327	1.422	1.437	1.413	1.425	1.312	1.551	1.358	1.427	1.430	1.345	1.391	1.388	1.331
FR1 n66_Ant 0 TX0	0.624	0.290	0.204	1.386	1.471	1.486	1.462	1.474	1.361	1.620	1.408	1.476	1.479	1.394	1.440	1.438	1.380
FR1 n66_Ant 0 TX0	0.578	0.290	0.204	1.340	1.425	1.440	1.416	1.428	1.315	1.554	1.362	1.430	1.433	1.348	1.394	1.392	1.334
FR1 n66_Ant 0 TX0	0.538	0.290	0.204	1.298	1.383	1.398	1.374	1.386	1.273	1.512	1.320	1.389	1.391	1.306	1.352	1.350	1.292
FR1 n70_Ant 0 TX0	0.630	0.290	0.204	1.392	1.477	1.492	1.468	1.480	1.367	1.626	1.414	1.483	1.485	1.400	1.446	1.444	1.386
FR1 n70_Ant 0 TX0	0.353	0.290	0.204	1.025	1.100	1.115	1.091	1.103	0.990	1.229	1.037	1.105	1.108	1.023	1.069	1.067	1.009

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-42.4	-64.8	-207.0	37.0	1.33	0.04	Not required
Max WWAN Ant 0	0.844	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-59.1	-55.8	-207.0	127.9	0.69	0.00	Not required
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0				
Max WWAN Ant 0	0.844	-5.5	-71.0	-207.0	154.5	1.05	0.01	Not required
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	127.7	0.77	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 0	0.844	-5.5	-71.0	-207.0	129.7	1.13	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Bluetooth Ant 4	0.204	-64.0	72.0	-207.0	13.3	0.49	0.03	Not required
WLAN5/6G Ant 4+3	0.290	-54.9	81.7	-207.0				

<Case 78>

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)			0.268 0+0+7+9 Summed SAR	0.353 0+0+7+10 Summed SAR	0.368 0+0+7+11 Summed SAR	0.344 0+0+7+12 Summed SAR	0.356 0+0+7+13 Summed SAR	0.243 0+0+7+14 Summed SAR	0.482 0+0+7+15 Summed SAR	0.290 0+0+7+16 Summed SAR	0.359 0+0+7+17 Summed SAR	0.361 0+0+7+18 Summed SAR	0.276 0+0+7+19 Summed SAR	0.322 0+0+7+20 Summed SAR	0.320 0+0+7+21 Summed SAR	0.262 0+0+7+22 Summed SAR
GSM850_Ant 0 TX0	0.605	0.290	0.119	1.533	1.587	1.652	1.578	1.590	1.477	1.716	1.524	1.662	1.685	1.516	1.556	1.554	1.486
GSM1900_Ant 0 TX0	0.686	0.290	0.119	1.383	1.448	1.463	1.439	1.451	1.336	1.577	1.395	1.453	1.464	1.371	1.417	1.415	1.357
WCDMA II_Ant 0 TX0	0.844	0.290	0.119	1.521	1.606	1.631	1.597	1.609	1.496	1.735	1.543	1.611	1.614	1.528	1.575	1.573	1.515
WCDMA IV_Ant 0 TX0	0.628	0.290	0.119	1.336	1.391	1.406	1.382	1.394	1.291	1.520	1.339	1.396	1.399	1.314	1.360	1.358	1.300
WCDMA V_Ant 0 TX0	0.532	0.290	0.119	1.209	1.264	1.309	1.265	1.297	1.184	1.433	1.231	1.299	1.302	1.217	1.269	1.266	1.203
LTE Band 7_Ant 0 TX0	0.575	0.290	0.119	1.252	1.317	1.352	1.328	1.340	1.227	1.466	1.274	1.342	1.345	1.260	1.306	1.304	1.246
LTE Band 12_Ant 0 TX0	0.340	0.290	0.119	1.017	1.102	1.117	1.093	1.105	0.992	1.231	1.038	1.107	1.115	1.035	1.071	1.069	1.011
LTE Band 13_Ant 0 TX0	0.505	0.290	0.119	1.202	1.287	1.302	1.279	1.290	1.177	1.416	1.224	1.292	1.295	1.210	1.256	1.254	1.199
LTE Band 14_Ant 0 TX0	0.530	0.290	0.119	1.207	1.292	1.307	1.283	1.295	1.182	1.421	1.229	1.297	1.300	1.215	1.261	1.259	1.201
LTE Band 25_Ant 0 TX0	0.701	0.290	0.119	1.398	1.483	1.498	1.474	1.486	1.373	1.612	1.420	1.488	1.491	1.406	1.452	1.450	1.392
LTE Band 26_Ant 0 TX0	0.570	0.290	0.119	1.247	1.332	1.347	1.323	1.335	1.222	1.461	1.268	1.327	1.330	1.255	1.301	1.299	1.241
LTE Band 30_Ant 0 TX0	0.702	0.290	0.119	1.379	1.464	1.479	1.455	1.467	1.354	1.593	1.401	1.469	1.473	1.387	1.433	1.431	1.373
LTE Band 41_Ant 0 TX0	0.458	0.290	0.119	1.135	1.220	1.235	1.211	1.223	1.110	1.349	1.157	1.225	1.228	1.143	1.189	1.187	1.139
LTE Band 66_Ant 0 TX0	0.481	0.290	0.119	1.158	1.243	1.258	1.234	1.246	1.133	1.372	1.180	1.248	1.251	1.166	1.212	1.210	1.162
LTE Band 71_Ant 0 TX0	0.314	0.290	0.119	0.991	0.978	0.991	0.967	0.979	0.866	1.105	0.913	0.981	0.984	0.899	0.945	0.943	0.895
FR1 n7_Ant 0 TX0	0.643	0.290	0.119	1.320	1.405	1.420	1.394	1.408	1.295	1.534	1.292	1.403	1.413	1.328	1.374	1.372	1.314
FR1 n25_Ant 0 TX0	0.346	0.290	0.119	1.022	1.107	1.122	1.099	1.110	0.997	1.238	1.044	1.112	1.115	1.030	1.076	1.074	1.016
FR1 n30_Ant 0 TX0	0.552	0.290	0.119	1.229	1.314	1.328	1.305	1.317	1.204	1.443	1.251	1.319	1.322	1.237	1.283	1.281	1.223
FR1 n41_Ant 0 TX0	0.615	0.290	0.119	1.292	1.377	1.392	1.369	1.380	1.267	1.506	1.314	1.382	1.385	1.300	1.346	1.344	1.286
FR1 n66_Ant 0 TX0	0.575	0.290	0.119	1.252	1.337	1.352	1.328	1.340	1.227	1.466	1.274	1.342	1.345	1.260	1.306	1.304	1.246
FR1 n70_Ant 0 TX0	0.624	0.290	0.119	1.353	1.386	1.401	1.377	1.389	1.276	1.516	1.319	1.381	1.384	1.299	1.355	1.353	1.295
FR1 n71_Ant 0 TX0	0.578	0.290	0.119	1.255	1.340	1.355	1.331	1.343	1.230	1.469	1.277	1.345	1.348	1.263	1.309	1.307	1.249
FR1 n66_Ant 0 TX1	0.538	0.290	0.119	1.213	1.298	1.313	1.289	1.301	1.188	1.427	1.235	1.303	1.306	1.221	1.267	1.265	1.207
FR1 n70_Ant 0 TX1	0.638	0.290	0.119	1.307	1.392	1.407	1.383	1.395	1.282	1.521	1.339	1.387	1.400	1.315	1.361	1.359	1.301
FR1 n71_Ant 0 TX0	0.353	0.290	0.119	0.930	1.015	1.030	1.006	1.018	0.906	1.144	0.952	1.020	1.023	0.938	0.984	0.982	0.924

Combination	SAR	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Max WWAN Ant 2	0.482	-41.9	-62.3	-207.0	37.9	1.33	0.04	Not required
Max WWAN Ant 0	0.844	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	112.9	0.60	0.00	Not required
Bluetooth Ant 4+3	0.119	18.0	34.5	-210.2				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	117.8	0.96	0.01	Not required
Bluetooth Ant 4+3	0.119	18.0	34.5	-210.2				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	127.7	0.77	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 0	0.844	-4.6	-81.1	-207.0	139.7	1.13	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Bluetooth Ant 4+3	0.119	-58.0	72.0	-207.0	10.2	0.41	0.03	Not required
WLAN5/6G Ant 4+3	0.290	-54.9	81.7	-207.0				

<Case 79>

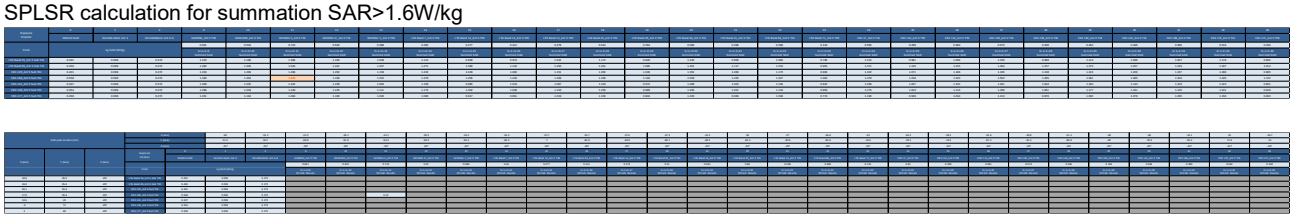
SPLSR calculation for summation SAR>1.6W/kg

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)			0.268 0+0+7+9 Summed SAR	0.353 0+0+7+10 Summed SAR	0.368 0+0+7+11 Summed SAR	0.344 0+0+7+12 Summed SAR	0.356 0+0+7+13 Summed SAR	0.243 0+0+7+14 Summed SAR	0.482 0+0+7+15 Summed SAR	0.290 0+0+7+16 Summed SAR	0.359 0+0+7+17 Summed SAR	0.361 0+0+7+18 Summed SAR	0.276 0+0+7+19 Summed SAR	0.322 0+0+7+20 Summed SAR	0.320 0+0+7+21 Summed SAR	0.262 0+0+7+22 Summed SAR
GSM850_Ant 0 TX0	0.605	0.290	0.144	1.527	1.612	1.677	1.603	1.615	1.502	1.745	1.549	1.687	1.691	1.535	1.581	1.579	1.521
GSM1900_Ant 0 TX0	0.686	0.290	0.144	1.368	1.473	1.488	1.464	1.476	1.363	1.602	1.410	1.479	1.483	1.390	1.442	1.440	1.382
WCDMA II_Ant 0 TX0	0.844	0.290	0.144	1.546	1.635	1.658	1.632	1.644	1.521	1.766	1.568	1.639	1.639	1.554	1.602	1.600	1.540
WCDMA IV_Ant 0 TX0	0.628	0.290	0.144	1.331	1.406	1.431	1.407	1.419	1.306	1.545	1.353	1.401	1.404	1.339	1.385	1.383	1.325
WCDMA V_Ant 0 TX0	0.532	0.290	0.144	1.234	1.319	1.334	1.310	1.322	1.209	1.448	1.256	1.324	1.327	1.242	1.288	1.286	1.228
LTE Band 7_Ant 0 TX0	0.575	0.290	0.144	1.277	1.362	1.377	1.353	1.365	1.252	1.491	1.298	1.367	1.370	1.285	1.331	1.329	1.271
LTE Band 12_Ant 0 TX0	0.340	0.290	0.144	1.042	1.127	1.142	1.118	1.130	1.017	1.256	1.064	1.132	1.135	1.050	1.096	1.094	1.036
LTE Band 13_Ant 0 TX0	0.505	0.290	0.144	1.227	1.312	1.327	1.303	1.315	1.202	1.441	1.248	1.317	1.320	1.235	1.281	1.279	1.221
LTE Band 14_Ant 0 TX0	0.530	0.290	0.144	1.232	1.317	1.332	1.308	1.320	1.207	1.446	1.254	1.322	1.325	1.240	1.286	1.284	1.226
LTE Band 25_Ant 0 TX0	0.701	0.290	0.144	1.422	1.508	1.523	1.499	1.511	1.398	1.637	1.445	1.513	1.516	1.431	1.477	1.475	1.417
LTE Band 26_Ant 0 TX0	0.570	0.290	0.144	1.272	1.357	1.372	1.348	1.360	1.247	1.486	1.294	1.362	1.365	1.280	1.326	1.324	1.265
LTE Band 30_Ant 0 TX0	0.702	0.290	0.144	1.404	1.489	1.504	1.480	1.492	1.379	1.619	1.426	1.494	1.497	1.412	1.458	1.456	1.398
LTE Band 41_Ant 0 TX0	0.458	0.290	0.144	1.160	1.245	1.260	1.236	1.248	1.135	1.374	1.182	1.250	1.253	1.168	1.214	1.212	1.164
LTE Band 66_Ant 0 TX0	0.481	0.290	0.144	1.183	1.268	1.283	1.259	1.271	1.158	1.397	1.205	1.273	1.276	1.191	1.237	1.235	1.187
LTE Band 71_Ant 0 TX0	0.314	0.290	0.144	0.916	1.001	1.016	0.992	1.004	0.891	1.130	0.938	1.006	1.009	0.924	0.970	0.968	0.920
FR1 n7_Ant 0 TX0	0.643	0.290	0.144	1.345	1.430	1.445	1.421	1.433	1.320	1.559	1.317	1.425	1.438	1.353	1.399	1.397	1.339
FR1 n25_Ant 0 TX0	0.346	0.290	0.144	1.047	1.132	1.147	1.123	1.135	1.022	1.261	1.069	1.137	1.140	1.055	1.101	1.099	1.041
FR1 n30_Ant 0 TX0	0.552	0.290	0.144	1.254	1.339	1.354	1.330	1.342	1.229	1.468	1.276	1.344	1.347	1.262	1.308	1.306	1.248
FR1 n41_Ant 0 TX0	0.615	0.290	0.144	1.317	1.402	1.417	1.393	1.405	1.292	1.531	1.339	1.407	1.410	1.325	1.371	1.369	1.311
FR1 n66_Ant 0 TX0	0.575	0.290	0.144	1.277	1.362	1.377	1.353	1.365	1.252	1.491	1.298	1.367	1.370	1.285	1.331	1.329	1.271
FR1 n66_Ant 0 TX1	0.624	0.290	0.144	1.326	1.411	1.426	1.402	1.414	1.301	1.540	1.348	1.416	1.419	1.334	1.380	1.378	1.320
FR1 n66_Ant 0 TX1	0.578	0.290	0.144	1.280	1.365	1.380	1.356	1.368	1.255	1.494	1.302	1.370	1.373	1.288	1.334	1.332	1.274
FR1 n66_Ant 0 TX1	0.538	0.290	0.144	1.238	1.323	1.338	1.314	1.326	1.213	1.452	1.260	1.328	1.331	1.246	1.292	1.290	1.232
FR1 n70_Ant 0 TX1	0.638	0.290	0.144	1.310	1.417	1.432	1.408	1.420	1.307	1.546	1.354	1.422	1.425	1.340	1.388	1.384	1.326
FR1 n71_Ant 0 TX0	0.353	0.290	0.144	0.933	1.040	1.055	1.031	1.043	0.930	1.169	0.977	1.045	1.048	0.963	1.009	1.007	0.949

Combination	SAR	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
		X	Y	Z				
Max WWAN Ant 2	0.482	-41.9	-62.3	-207.0	37.9	1.33	0.04	Not required
Max WWAN Ant 0	0.844	-10.5	-83.6	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	127.7	0.77	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 0	0.844	-5.6	-78.9	-207.0	137.6	1.13	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				
Max WWAN Ant 2	0.482	-47.0	-57.8	-207.0	113.1	0.63	0.00	Not required
Thread Ant 3	0.144	17.5	35.0	-210.2				
Max WWAN Ant 0	0.844	-5.6	-78.9	-207.0	116.3	0.99	0.01	Not required
Thread Ant 3	0.144	17.5	35.0	-210.2				
Thread Ant 3	0.144	17.5	35.0	-210.2	26.0	0.43	0.01	Not required
WLAN5/6G Ant 4+3	0.290	6.3	58.2	-207.0				

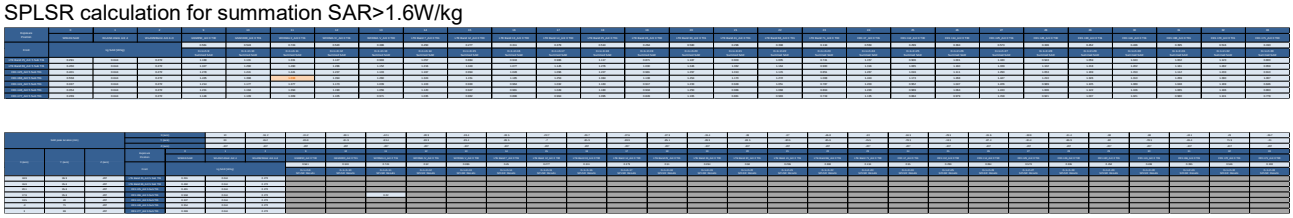
<Case 80>

SPLSR calculation for summation SAR>1.6W/kg



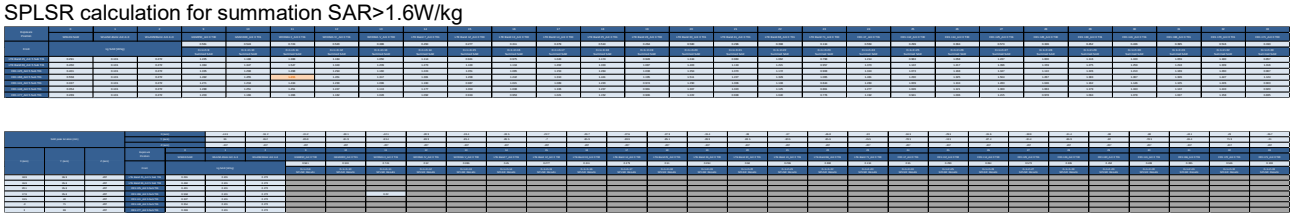
<Case 81>

SPLSR calculation for summation SAR>1.6W/kg



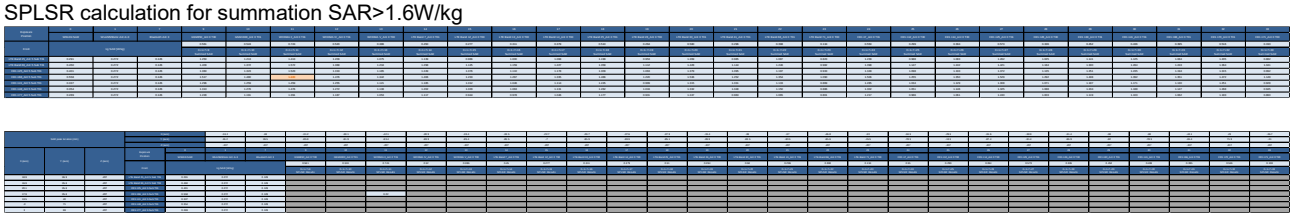
<Case 82>

SPLSR calculation for summation SAR>1.6W/kg



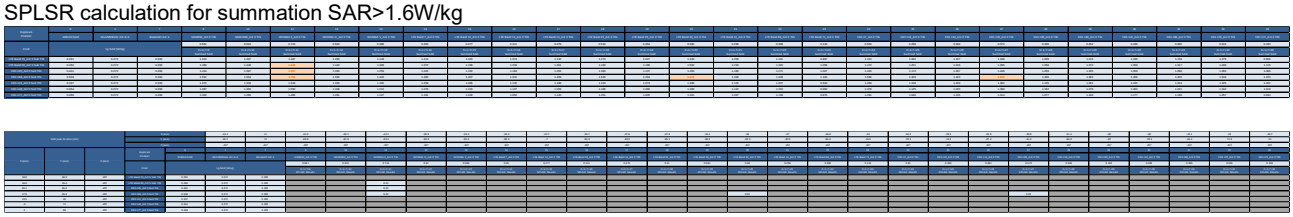
<Case 83>

SPLSR calculation for summation SAR>1.6W/kg



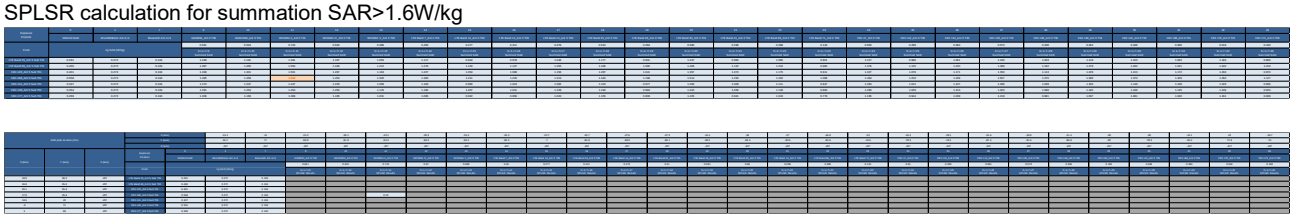
<Case 84>

SPLSR calculation for summation SAR>1.6W/kg



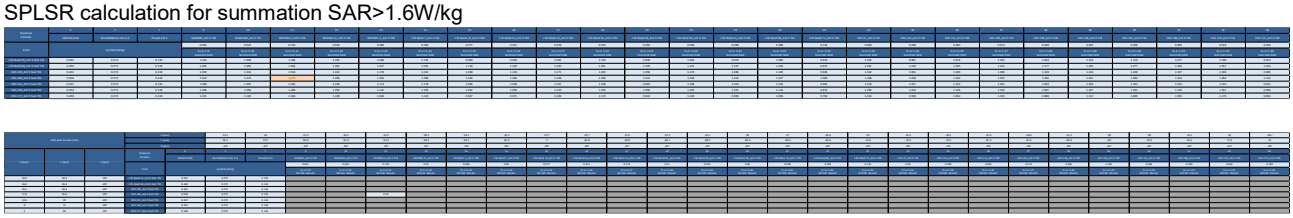
<Case 85>

SPLSR calculation for summation SAR>1.6W/kg



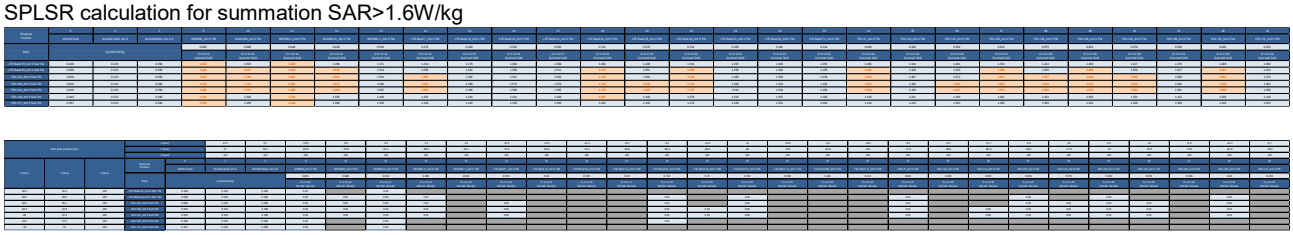
<Case 86>

SPLSR calculation for summation SAR>1.6W/kg



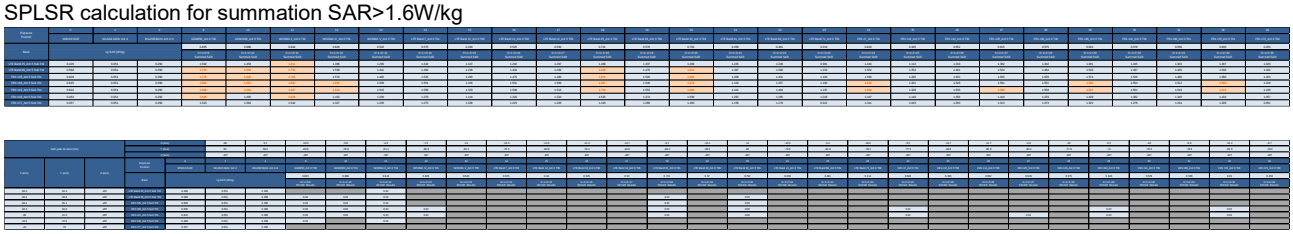
<Case 87>

SPLSR calculation for summation SAR>1.6W/kg



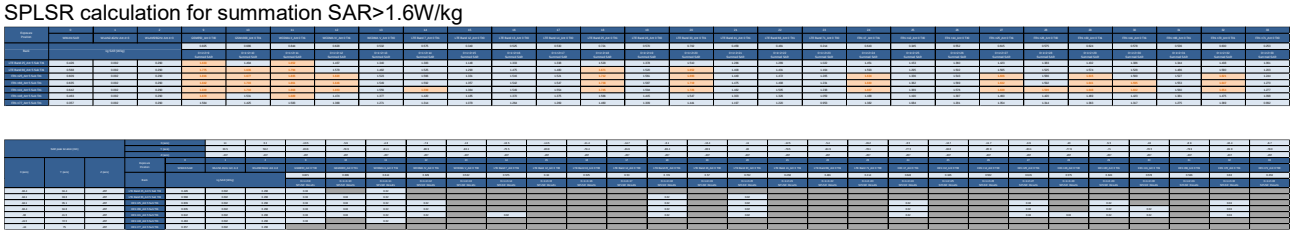
<Case 88>

SPLSR calculation for summation SAR>1.6W/kg



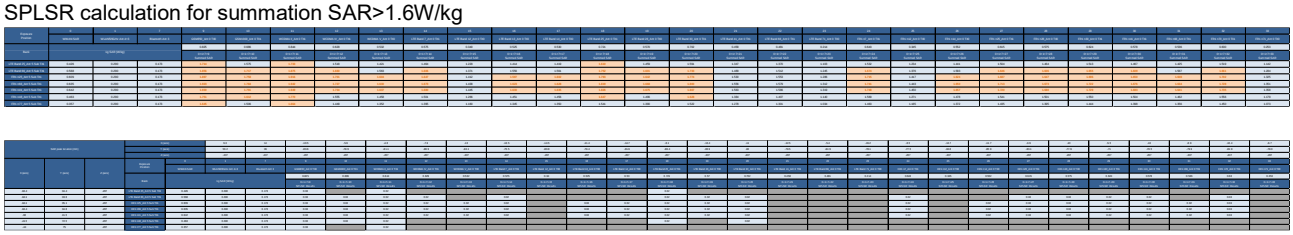
<Case 89>

SPLSR calculation for summation SAR>1.6W/kg



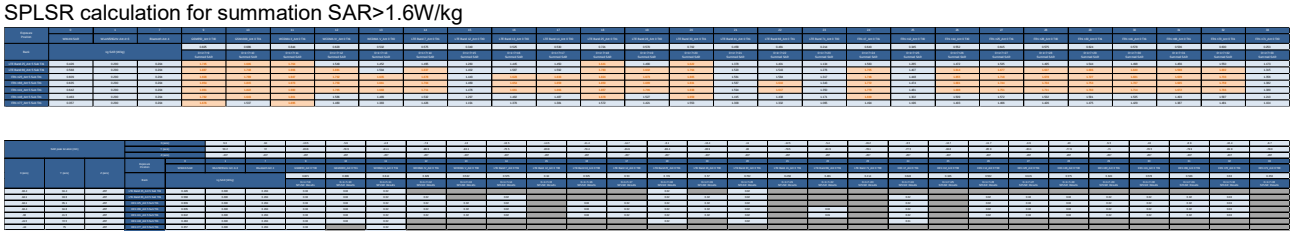
<Case 90>

SPLSR calculation for summation SAR>1.6W/kg



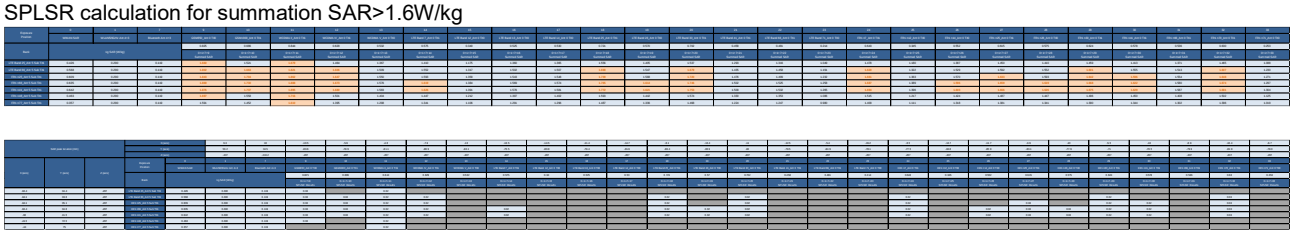
<Case 91>

SPLSR calculation for summation SAR>1.6W/kg



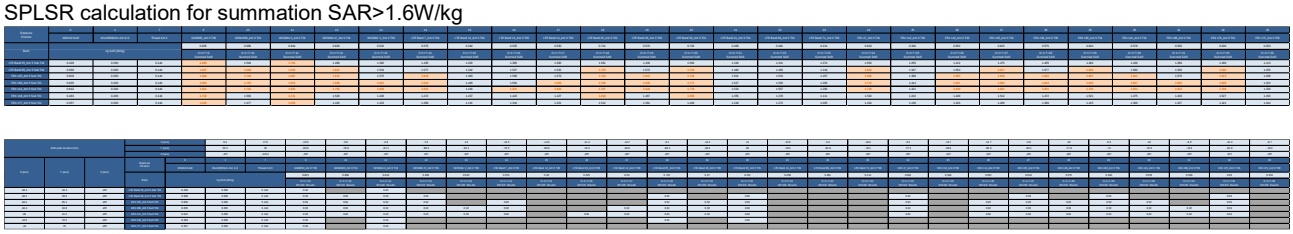
<Case 92>

SPLSR calculation for summation SAR>1.6W/kg



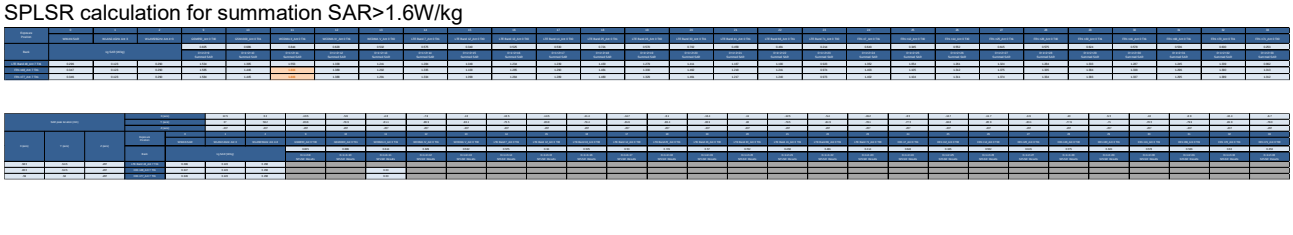
<Case 93>

SPLSR calculation for summation SAR>1.6W/kg



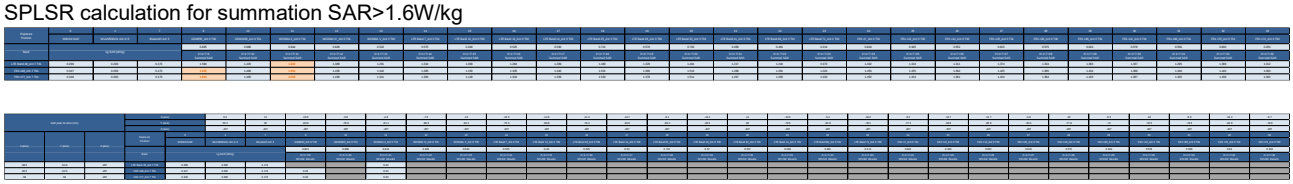
<Case 94>

SPLSR calculation for summation SAR>1.6W/kg



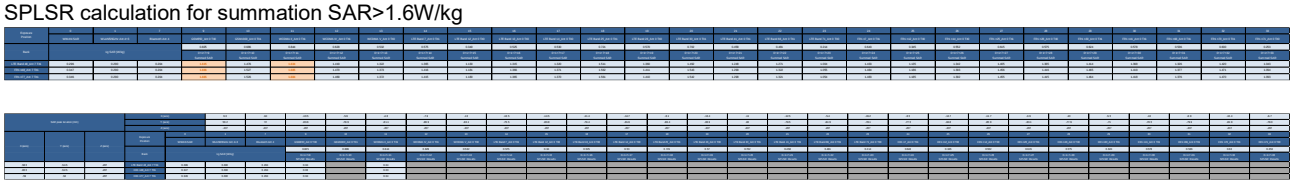
<Case 95>

SPLSR calculation for summation SAR>1.6W/kg



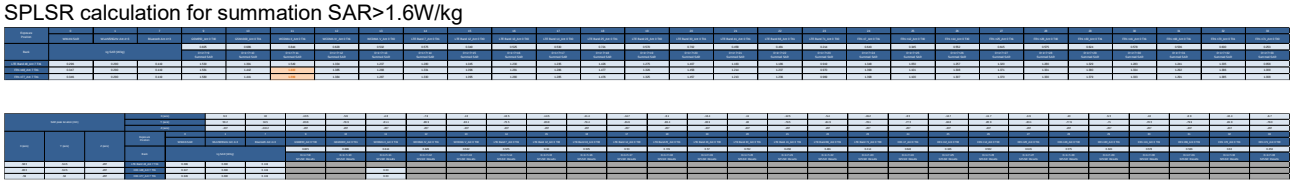
<Case 96>

SPLSR calculation for summation SAR>1.6W/kg



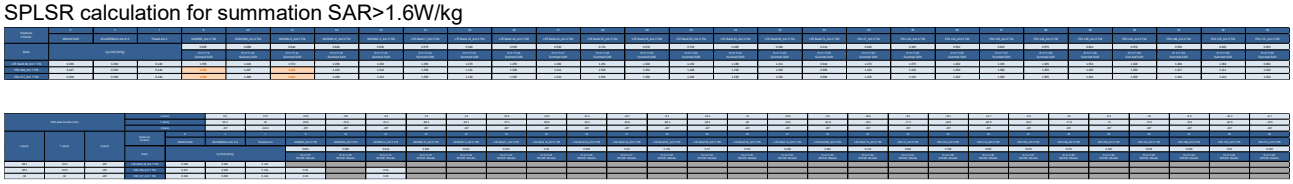
<Case 97>

SPLSR calculation for summation SAR>1.6W/kg



<Case 98>

SPLSR calculation for summation SAR>1.6W/kg



<Case 99>

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	WLAG 2GHz Ant 1	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 26_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)			0.269	0.353	0.368	0.344	0.304	0.242	0.482	0.290	0.358	0.291	0.276	0.322	0.330	0.262
				Ch 512/1.6 Summed SAR	Ch 512/1.6 Summed SAR	Ch 512/1.6 Summed SAR	Ch 512/1.6 Summed SAR	Ch 512/1.6 Summed SAR	Ch 512/1.6 Summed SAR	Ch 512/1.6 Summed SAR	Ch 512/1.6 Summed SAR	Ch 512/1.27 Summed SAR	Ch 512/1.18 Summed SAR	Ch 512/1.9 Summed SAR	Ch 512/1.29 Summed SAR	Ch 512/1.29 Summed SAR	Ch 512/1.21 Summed SAR
GSM850_Ant 1 TX	0.358	0.123	0.290	1.040	1.125	1.140	1.119	1.128	1.015	1.254	1.092	1.130	1.133	1.048	1.098	1.092	1.034
WCDMA V_Ant 1 TX	0.216	0.123	0.290	0.927	0.992	1.007	0.963	0.991	0.932	1.121	0.978	0.997	1.030	0.915	0.991	0.959	0.901
LTE Band 12_Ant 1 TX	0.162	0.123	0.290	0.843	0.928	0.943	0.919	0.931	0.818	1.057	0.865	0.933	0.938	0.851	0.897	0.896	0.837
LTE Band 13_Ant 1 TX	0.220	0.123	0.290	0.901	0.986	1.001	0.977	0.989	0.876	1.115	0.923	0.991	0.994	0.909	0.955	0.953	0.895
LTE Band 14_Ant 1 TX	0.242	0.123	0.290	0.922	1.008	1.022	0.999	1.011	0.898	1.137	0.945	1.013	1.016	0.931	0.977	0.975	0.917
LTE Band 25_Ant 1 Sub TX0	0.399	0.123	0.290	1.270	1.301	1.370	1.349	1.358	1.245	1.484	1.258	1.303	1.343	1.278	1.324	1.322	1.264
LTE Band 26_Ant 1 TX	0.252	0.123	0.290	0.932	1.017	1.032	1.008	1.020	0.907	1.146	0.954	1.022	1.025	0.940	0.986	0.984	0.926
LTE Band 66_Ant 1 Sub TX0	0.539	0.123	0.290	1.220	1.305	1.320	1.296	1.308	1.195	1.434	1.242	1.303	1.313	1.228	1.278	1.272	1.214
LTE Band 71_Ant 1 TX	0.177	0.123	0.290	0.858	0.942	0.958	0.934	0.946	0.833	1.072	0.880	0.968	0.951	0.866	0.912	0.910	0.852
FR1 n66_Ant 1 TX	0.273	0.123	0.290	0.854	0.939	0.954	0.930	0.942	0.829	1.068	0.876	0.944	0.947	0.862	0.909	0.906	0.849
FR1 n66_Ant 1 TX	0.238	0.123	0.290	0.917	1.002	1.017	0.993	1.005	0.892	1.131	0.938	1.007	1.010	0.925	0.971	0.968	0.911
FR1 n25_Ant 1 Sub TX0	0.688	0.123	0.290	1.599	1.454	1.469	1.445	1.457	1.344	1.569	1.396	1.459	1.462	1.377	1.423	1.421	1.363
FR1 n26_Ant 1 TX	0.227	0.123	0.290	0.936	0.993	1.008	0.984	0.996	0.883	1.122	0.930	0.993	1.001	0.916	0.962	0.960	0.902
FR1 n41_Ant 1 Sub TX0	0.513	0.123	0.290	1.194	1.279	1.294	1.270	1.282	1.169	1.429	1.216	1.284	1.287	1.202	1.248	1.246	1.193
FR1 n48_Ant 1 Sub TX0	0.358	0.123	0.290	1.039	1.128	1.138	1.115	1.127	1.014	1.353	1.056	1.129	1.132	1.047	1.093	1.091	1.033
FR1 n66_Ant 1 Sub TX0	0.791	0.123	0.290	1.472	1.557	1.572	1.548	1.560	1.447	1.665	1.494	1.562	1.565	1.480	1.536	1.524	1.466
FR1 n70_Ant 1 TX	0.173	0.123	0.290	0.914	0.939	0.954	0.930	0.942	0.829	1.068	0.876	0.944	0.947	0.862	0.909	0.906	0.849
FR1 n71_Ant 1 Sub TX0	0.562	0.123	0.290	1.238	1.323	1.338	1.314	1.326	1.213	1.452	1.266	1.329	1.332	1.246	1.292	1.290	1.232

SAR peak location (mm)				Y (axis)	12.5	4.3	50.5	47	-41.8	40	-41	-42	43.5	-42.7	41.5	44.6	48	41	42.4	48.1
				X (axis)	57	59.2	68	67.8	62.3	65	63	64.5	70	66	62.5	70.9	68	68.5	66.8	70.8
				Z (axis)	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097	-097
					0	1	2	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (axis)	Y (axis)	Z (axis)	Exposure Position	WWAN SAR	WLAN2.4GHz Ant 1	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 26_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)			0.269	0.353	0.368	0.344	0.304	0.242	0.482	0.290	0.358	0.291	0.276	0.322	0.330	0.262
							0+2.0/1.6 SPLSR Results	0+2.0/1.6 SPLSR Results	0+2.0/1.6 SPLSR Results	0+2.0/1.6 SPLSR Results	0+2.0/1.6 SPLSR Results	0+2.0/1.6 SPLSR Results	0+2.0/1.6 SPLSR Results	0+2.0/1.6 SPLSR Results	0+2.0/1.27 SPLSR Results	0+2.0/1.18 SPLSR Results	0+2.0/1.9 SPLSR Results	0+2.0/1.29 SPLSR Results	0+2.0/1.29 SPLSR Results	0+2.0/1.21 SPLSR Results
6.4	68.6	-097	GSM850_Ant 1 TX0	0.399	0.123	0.290														
6.6	79.5	-097	WCDMA V_Ant 1 TX0	0.256	0.123	0.290														
7.4	80.9	-097	LTE Band 12_Ant 1 TX0	0.192	0.123	0.290														
6.8	68.1	-097	LTE Band 13_Ant 1 TX0	0.220	0.123	0.290														
6.4	71.8	-097	LTE Band 14_Ant 1 TX0	0.242	0.123	0.290														
8.8	83.8	-097	LTE Band 25_Ant 1 Sub TX0	0.588	0.123	0.290														
-22.1	79.3	-097	LTE Band 26_Ant 1 TX0	0.292	0.123	0.290														
7.2	66.4	-097	LTE Band 66_Ant 1 Sub TX0	0.539	0.123	0.290														
-6.8	85.4	-097	LTE Band 71_Ant 1 TX0	0.177	0.123	0.290														
7.3	67.8	-097	FR1 n66_Ant 1 TX0	0.273	0.123	0.290														
6.3	71.8	-097	FR1 n66_Ant 1 TX0	0.238	0.123	0.290														
6.8	83.9	-097	FR1 n25_Ant 1 Sub TX0	0.688	0.123	0.290														
-22.2	82.6	-097	FR1 n26_Ant 1 TX0	0.227	0.123	0.290														
16	79.9	-097	FR1 n41_Ant 1 Sub TX0	0.513	0.123	0.290														
17	87	-097	FR1 n48_Ant 1 Sub TX0	0.358	0.123	0.290														
-5.6	66.2	-097	FR1 n66_Ant 1 Sub TX0	0.791	0.123	0.290									0.81					
-6	69.6	-097	FR1 n70_Ant 1 TX0	0.173	0.123	0.290														
16	67.5	-097	FR1 n71_Ant 1 Sub TX0	0.562	0.123	0.290														

<Case 100>

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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.341	0.276	0.322	0.320	0.262
				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 TX0	0.359	0.051	0.260	0.968	1.053	1.068	1.046	1.056	0.943	1.182	0.990	1.059	1.001	0.976	1.022	1.020	0.962
WCDMA V_Ant 1 TX0	0.226	0.051	0.260	0.835	0.920	0.935	0.911	0.923	0.816	1.049	0.857	0.925	0.928	0.843	0.889	0.887	0.829
LTE Band 12_Ant 1 TX0	0.162	0.051	0.260	0.771	0.856	0.871	0.847	0.859	0.746	0.985	0.793	0.861	0.864	0.778	0.825	0.823	0.765
LTE Band 13_Ant 1 TX0	0.220	0.051	0.260	0.829	0.914	0.929	0.905	0.917	0.804	1.043	0.851	0.919	0.922	0.837	0.883	0.881	0.823
LTE Band 14_Ant 1 TX0	0.242	0.051	0.260	0.851	0.936	0.951	0.927	0.939	0.826	1.065	0.873	0.941	0.944	0.859	0.905	0.903	0.845
LTE Band 25_Ant 1 Sub TX0	0.588	0.051	0.260	1.198	1.283	1.298	1.274	1.286	1.173	1.412	1.220	1.288	1.295	1.206	1.252	1.250	1.192
LTE Band 26_Ant 1 TX0	0.251	0.051	0.260	0.860	0.945	0.960	0.935	0.948	0.835	1.074	0.882	0.950	0.953	0.866	0.914	0.912	0.854
LTE Band 66_Ant 1 Sub TX0	0.538	0.051	0.260	1.148	1.233	1.248	1.224	1.236	1.123	1.362	1.170	1.239	1.245	1.156	1.202	1.200	1.142
LTE Band 71_Ant 1 TX0	0.177	0.051	0.260	0.786	0.871	0.886	0.862	0.874	0.761	1.000	0.808	0.876	0.879	0.794	0.840	0.838	0.780
FR1 n12_Ant 1 TX0	0.173	0.051	0.260	0.782	0.867	0.882	0.858	0.870	0.757	0.996	0.804	0.872	0.875	0.790	0.836	0.834	0.776
FR1 n14_Ant 1 TX0	0.238	0.051	0.260	0.845	0.930	0.945	0.921	0.933	0.820	1.059	0.867	0.935	0.938	0.853	0.899	0.897	0.839
FR1 n30_Ant 1 Sub TX0	0.688	0.051	0.260	1.297	1.382	1.397	1.373	1.385	1.272	1.511	1.319	1.387	1.395	1.305	1.351	1.349	1.291
FR1 n26_Ant 1 TX0	0.227	0.051	0.260	0.836	0.921	0.936	0.912	0.924	0.811	1.060	0.858	0.926	0.929	0.844	0.890	0.888	0.830
FR1 n41_Ant 1 Sub TX0	0.613	0.051	0.260	1.122	1.207	1.222	1.198	1.210	1.097	1.336	1.144	1.212	1.215	1.130	1.176	1.174	1.116
FR1 n48_Ant 1 Sub TX0	0.358	0.051	0.260	0.947	1.032	1.047	1.023	1.035	0.942	1.181	0.988	1.057	1.060	0.975	1.021	1.019	0.961
FR1 n66_Ant 1 Sub TX0	0.796	0.051	0.260	1.439	1.495	1.510	1.476	1.488	1.375	1.614	1.422	1.493	1.493	1.408	1.454	1.452	1.394
FR1 n70_Ant 1 TX0	0.173	0.051	0.260	0.782	0.867	0.882	0.858	0.870	0.757	0.996	0.804	0.872	0.875	0.790	0.836	0.834	0.776
FR1 n77_Ant 1 Sub TX0	0.557	0.051	0.260	1.196	1.251	1.266	1.242	1.254	1.141	1.390	1.198	1.255	1.259	1.174	1.220	1.218	1.160

SAR peak location (mm)			X (mm)	-66	-6.3	-60.5	-47	-41.9	-60	-51	-62	-53.5	-66.7	-41.5	-54.6	-58	-41	-42.4	-66.1
			Y (mm)	-53	-53.2	-54	-57.8	-62.3	-46	-43	-44.5	-72	-66	-42.5	-53.9	-68	-66.5	-41.8	-55.8
			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
X (mm)	Y (mm)	Z (mm)		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 n66_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.341	0.276	0.322	0.320	0.262
							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
-5.4	68.6	-207	GSM850_Ant 1 TX0	0.359	0.051	0.260														
-6.6	79.3	-207	WCDMA V_Ant 1 TX0	0.226	0.051	0.260														
-7.4	69.6	-207	LTE Band 12_Ant 1 TX0	0.162	0.051	0.260														
-5.8	64.1	-207	LTE Band 13_Ant 1 TX0	0.220	0.051	0.260														
-6.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.051	0.260														
-8.8	83.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.051	0.260														
-10.1	79.3	-207	LTE Band 26_Ant 1 TX0	0.251	0.051	0.260														
-7.3	64.4	-207	LTE Band 66_Ant 1 Sub TX0	0.538	0.051	0.260														
-6.6	85.4	-207	LTE Band 71_Ant 1 TX0	0.177	0.051	0.260														
-7.3	67.8	-207	FR1 n12_Ant 1 TX0	0.173	0.051	0.260														
-9.3	71.8	-207	FR1 n14_Ant 1 TX0	0.238	0.051	0.260														
-8.8	83.9	-207	FR1 n30_Ant 1 Sub TX0	0.688	0.051	0.260														
-10.3	83.6	-207	FR1 n26_Ant 1 TX0	0.227	0.051	0.260														
19	79.5	-207	FR1 n41_Ant 1 Sub TX0	0.613	0.051	0.260														
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.051	0.260														
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.795	0.051	0.260								0.63						
-9	88.6	-207	FR1 n70_Ant 1 TX0	0.173	0.051	0.260														
18	67.9	-207	FR1 n77_Ant 1 Sub TX0	0.557	0.051	0.260														

<Case 101>

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)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.341	0.276	0.322	0.320	0.262
				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 TX0	0.359	0.062	0.260	1.039	1.064	1.109	1.085	1.097	0.944	1.223	1.031	1.099	1.102	1.017	1.063	1.060	1.003
WCDMA V_Ant 1 TX0	0.226	0.062	0.260	0.876	0.901	0.976	0.952	0.964	0.851	1.090	0.898	0.960	0.969	0.884	0.930	0.928	0.870
LTE Band 12_Ant 1 TX0	0.162	0.062	0.260	0.812	0.897	0.912	0.889	0.900	0.787	1.026	0.834	0.902	0.905	0.820	0.866	0.864	0.806
LTE Band 13_Ant 1 TX0	0.220	0.062	0.260	0.870	0.955	0.970	0.946	0.958	0.845	1.084	0.892	0.960	0.963	0.878	0.924	0.922	0.864
LTE Band 14_Ant 1 TX0	0.242	0.062	0.260	0.892	0.977	0.992	0.968	0.980	0.867	1.106	0.914	0.982	0.985	0.900	0.946	0.944	0.886
LTE Band 25_Ant 1 Sub TX0	0.588	0.062	0.260	1.239	1.324	1.339	1.315	1.327	1.214	1.453	1.261	1.329	1.336	1.247	1.293	1.291	1.233
LTE Band 26_Ant 1 TX0	0.251	0.062	0.260	0.901	0.986	1.001	0.977	0.989	0.876	1.115	0.923	0.991	0.994	0.909	0.955	0.953	0.895
LTE Band 66_Ant 1 Sub TX0	0.538	0.062	0.260	1.189	1.274	1.289	1.265	1.277	1.164	1.403	1.211	1.279	1.282	1.197	1.243	1.241	1.183
LTE Band 71_Ant 1 TX0	0.177	0.062	0.260	0.827	0.912	0.927	0.903	0.915	0.802	1.041	0.849	0.917	0.920	0.835	0.881	0.879	0.821
FR1 n12_Ant 1 TX0	0.173	0.062	0.260	0.823	0.908	0.923	0.899	0.911	0.798	1.037	0.845	0.913	0.916	0.831	0.877	0.875	0.817
FR1 n14_Ant 1 TX0	0.238	0.062	0.260	0.886	0.971	0.986	0.962	0.974	0.861	1.100	0.908	0.976	0.979	0.894	0.940	0.938	0.880
FR1 n30_Ant 1 Sub TX0	0.688	0.062	0.260	1.338	1.423	1.438	1.414	1.426	1.313	1.552	1.360	1.428	1.431	1.346	1.392	1.390	1.332
FR1 n26_Ant 1 TX0	0.227	0.062	0.260	0.877	0.962	0.977	0.953	0.965	0.852	1.091	0.899	0.967	0.970	0.885	0.931	0.929	0.871
FR1 n41_Ant 1 Sub TX0	0.613	0.062	0.260	1.163	1.248	1.263	1.239	1.251	1.138	1.377	1.185	1.253	1.256	1.171	1.217	1.215	1.157
FR1 n48_Ant 1 Sub TX0	0.358	0.062	0.260	1.039	1.059	1.074	1.064	1.076	0.983	1.222	1.032	1.093	1.101	1.016	1.062	1.060	1.002
FR1 n66_Ant 1 Sub TX0	0.796	0.062	0.260	1.441	1.526	1.541	1.517	1.529	1.416	1.655	1.463	1.531	1.534	1.449	1.495	1.493	1.435
FR1 n70_Ant 1 TX0	0.173	0.062	0.260	0.823	0.908	0.923	0.899	0.911	0.798	1.037	0.845	0.913	0.916	0.831	0.877	0.875	0.817
FR1 n77_Ant 1 Sub TX0	0.557	0.062	0.260	1.237	1.292	1.307	1.283	1.295	1.182	1.421	1.239	1.297	1.300	1.215	1.261	1.259	1.201

SAR peak location (mm)			X (mm)	14	-6.3	-60.5	-47	-41.9	-60	-51	-62	-53.5	-66.7	-41.5	-54.6	-58	-41	-42.4	-66.1
			Y (mm)	39.5	54.2	-54	-57.8	-62.3	-46	-43	-44.5	-72	-66	-42.5	-53.9	-68	-66.5	-41.8	-55.8
			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
X (mm)	Y (mm)	Z (mm)		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 n66_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
			Back	1g SAR (W/kg)			0.268	0.353	0.368	0.344	0.356	0.343	0.462	0.290	0.359	0.341	0.276	0.322	0.320	0.262
							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
-5.4	68.6	-207	GSM850_Ant 1 TX0	0.359	0.062	0.260														
-6.6	79.3	-207	WCDMA V_Ant 1 TX0	0.226	0.062	0.260														
-7.4	69.6	-207	LTE Band 12_Ant 1 TX0	0.162	0.062	0.260														
-5.8	64.1	-207	LTE Band 13_Ant 1 TX0	0.220	0.062	0.260														
-6.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.062	0.260														
-8.8	83.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.062	0.260														
-10.1	79.3	-207	LTE Band 26_Ant 1 TX0	0.251	0.062	0.260														
-7.3	64.4	-207	LTE Band 66_Ant 1 Sub TX0	0.538	0.062	0.260														
-6.6	85.4	-207	LTE Band 71_Ant 1 TX0	0.177	0.062	0.260														
-7.3	67.8	-207	FR1 n12_Ant 1 TX0	0.173	0.062	0.260														
-9.3	71.8	-207	FR1 n14_Ant 1 TX0	0.238	0.062	0.260														
-8.8	83.9	-207	FR1 n30_Ant 1 Sub TX0	0.688	0.062	0.260														
-10.3	83.6	-207	FR1 n26_Ant 1 TX0	0.227	0.062	0.260														
19	79.5	-207	FR1 n41_Ant 1 Sub TX0	0.613	0.062	0.260														
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.062	0.260														
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.795	0.062	0.260								0.63						
-9	88.6	-207	FR1 n70_Ant 1 TX0	0.173	0.062	0.260														
18	67.9	-207	FR1 n77_Ant 1 Sub TX0	0.557	0.062	0.260														

<Case 102>

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	WLAN/BT/GNz Ant 4+3	Bluetooth Ant 3	GSM/850_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)			0.268	0.353	0.368	0.344	0.354	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
				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
GSM/850_Ant 1 TX0	0.268	0.260	0.173	1.090	1.175	1.190	1.165	1.179	1.095	1.304	1.132	1.180	1.193	1.098	1.144	1.142	1.084
WCDMA V_Ant 1 TX0	0.226	0.260	0.173	0.957	1.042	1.057	1.023	1.045	0.932	1.171	0.979	1.047	1.059	0.965	1.011	1.009	0.951
LTE Band 12_Ant 1 TX0	0.162	0.260	0.173	0.893	0.978	0.992	0.969	0.981	0.868	1.107	0.901	0.963	0.996	0.901	0.947	0.945	0.887
LTE Band 13_Ant 1 TX0	0.220	0.260	0.173	0.911	1.036	1.051	1.027	1.039	0.926	1.165	0.973	1.041	1.056	0.959	1.005	1.003	0.945
LTE Band 14_Ant 1 TX0	0.242	0.260	0.173	0.973	1.059	1.073	1.049	1.061	0.948	1.187	0.995	1.063	1.098	0.981	1.027	1.025	0.967
LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.173	1.320	1.405	1.420	1.396	1.408	1.295	1.534	1.342	1.400	1.413	1.328	1.378	1.372	1.314
LTE Band 26_Ant 1 TX0	0.251	0.260	0.173	0.982	1.067	1.082	1.058	1.070	0.957	1.196	1.004	1.072	1.075	0.990	1.036	1.034	0.976
LTE Band 66_Ant 1 Sub TX0	0.538	0.260	0.173	1.270	1.355	1.370	1.349	1.359	1.246	1.484	1.292	1.350	1.362	1.278	1.326	1.322	1.264
LTE Band 71_Ant 1 TX0	0.177	0.260	0.173	0.938	0.993	1.008	0.984	0.996	0.883	1.122	0.932	0.993	1.001	0.916	0.962	0.960	0.902
FR1 n12_Ant 1 TX0	0.173	0.260	0.173	0.904	0.969	1.004	0.980	0.992	0.879	1.118	0.926	0.984	0.997	0.912	0.958	0.956	0.898
FR1 n14_Ant 1 TX0	0.236	0.260	0.173	0.947	1.052	1.067	1.043	1.055	0.942	1.181	0.988	1.057	1.068	0.975	1.021	1.019	0.961
FR1 n25_Ant 1 Sub TX0	0.588	0.260	0.173	1.418	1.504	1.519	1.495	1.507	1.394	1.633	1.440	1.509	1.512	1.427	1.473	1.471	1.413
FR1 n26_Ant 1 TX0	0.227	0.260	0.173	0.958	1.043	1.058	1.034	1.046	0.933	1.172	0.980	1.049	1.051	0.966	1.012	1.010	0.952
FR1 n41_Ant 1 Sub TX0	0.613	0.260	0.173	1.244	1.329	1.344	1.320	1.332	1.219	1.459	1.266	1.314	1.337	1.252	1.298	1.296	1.239
FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.173	1.089	1.174	1.188	1.165	1.177	1.064	1.303	1.111	1.179	1.182	1.097	1.143	1.141	1.083
FR1 n66_Ant 1 Sub TX0	0.796	0.260	0.173	1.537	1.457	1.472	1.448	1.459	1.437	1.779	1.544	1.612	1.635	1.539	1.579	1.574	1.516
FR1 n70_Ant 1 TX0	0.173	0.260	0.173	0.904	0.969	1.004	0.980	0.992	0.879	1.118	0.926	0.984	0.997	0.912	0.958	0.956	0.899
FR1 n71_Ant 1 Sub TX0	0.557	0.260	0.173	1.288	1.373	1.388	1.364	1.376	1.263	1.502	1.393	1.378	1.391	1.296	1.342	1.340	1.282

SAR peak location (mm)			X (mm)		8.3	14	-90.5	-47	-41.9	-90	-91	-92	-93.5	-91.7	-91.5	-94.6	-98	-91	-42.4	-99.1
			Y (mm)		56.2	36	-58	-57.8	-62.3	-55	-53	-55.5	-72	-56	-62.5	-53.9	-58	-56.5	-51.8	-55.8
			Z (mm)		-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157
			Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (mm)	Y (mm)	Z (mm)		WWAN SAR	WLAN/BT/GNz Ant 4+3	Bluetooth Ant 3	GSM/850_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)			0.268	0.353	0.368	0.344	0.354	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
							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
-5.4	68.6	-157	GSM/850_Ant 1 TX0	0.399	0.290	0.173														
-6.6	79.3	-157	WCDMA V_Ant 1 TX0	0.226	0.260	0.173														
-7.4	69.6	-157	LTE Band 12_Ant 1 TX0	0.162	0.260	0.173														
-5.8	64.1	-157	LTE Band 13_Ant 1 TX0	0.220	0.260	0.173														
-6.8	71.8	-157	LTE Band 14_Ant 1 TX0	0.242	0.260	0.173														
-5.6	63.9	-157	LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.173														
-10.1	79.3	-157	LTE Band 26_Ant 1 TX0	0.251	0.260	0.173														
-7.3	84.4	-157	LTE Band 66_Ant 1 Sub TX0	0.538	0.260	0.173														
-6.9	69.4	-157	LTE Band 71_Ant 1 TX0	0.177	0.260	0.173														
-7.9	67.9	-157	FR1 n12_Ant 1 TX0	0.173	0.260	0.173														
-6.3	71.8	-157	FR1 n14_Ant 1 TX0	0.236	0.260	0.173														
-5.4	63.9	-157	FR1 n25_Ant 1 Sub TX0	0.588	0.260	0.173								0.01						
-10.3	80.6	-157	FR1 n26_Ant 1 TX0	0.227	0.260	0.173														
16	70.5	-157	FR1 n41_Ant 1 Sub TX0	0.613	0.260	0.173														
17	87	-157	FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.173														
-0.6	84.4	-157	FR1 n66_Ant 1 Sub TX0	0.796	0.260	0.173		0.02	0.02	0.02	0.02			0.02		0.02				
-9	88.6	-157	FR1 n71_Ant 1 TX0	0.173	0.260	0.173														
16	67.9	-157	FR1 n77_Ant 1 Sub TX0	0.557	0.260	0.173														

<Case 103>

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	WLAN/BT/GNz Ant 4+3	Bluetooth Ant 4	GSM/850_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)			0.268	0.353	0.368	0.344	0.354	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
				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
GSM/850_Ant 1 TX0	0.268	0.260	0.204	1.113	1.206	1.229	1.197	1.208	1.096	1.335	1.143	1.211	1.214	1.129	1.175	1.173	1.105
WCDMA V_Ant 1 TX0	0.226	0.260	0.204	0.998	1.073	1.098	1.064	1.076	0.963	1.200	1.010	1.079	1.091	0.996	1.042	1.040	0.982
LTE Band 12_Ant 1 TX0	0.162	0.260	0.204	0.934	1.009	1.024	1.000	1.012	0.899	1.138	0.946	1.014	1.017	0.932	0.979	0.976	0.919
LTE Band 13_Ant 1 TX0	0.220	0.260	0.204	0.952	1.067	1.082	1.058	1.070	0.957	1.196	1.004	1.072	1.075	0.990	1.036	1.034	0.976
LTE Band 14_Ant 1 TX0	0.242	0.260	0.204	1.014	1.099	1.114	1.090	1.092	0.979	1.218	1.026	1.094	1.097	1.012	1.058	1.056	0.998
LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.204	1.353	1.438	1.452	1.427	1.439	1.326	1.565	1.373	1.441	1.444	1.359	1.408	1.403	1.345
LTE Band 26_Ant 1 TX0	0.251	0.260	0.204	1.013	1.098	1.113	1.089	1.101	0.988	1.227	1.035	1.103	1.106	1.021	1.067	1.065	1.007
LTE Band 66_Ant 1 Sub TX0	0.538	0.260	0.204	1.301	1.386	1.401	1.377	1.389	1.276	1.515	1.323	1.381	1.394	1.309	1.355	1.353	1.295
LTE Band 71_Ant 1 TX0	0.177	0.260	0.204	0.969	1.024	1.039	1.015	1.027	0.914	1.153	0.961	1.029	1.032	0.947	0.993	0.991	0.933
FR1 n12_Ant 1 TX0	0.173	0.260	0.204	0.935	1.000	1.035	1.011	1.023	0.910	1.149	0.957	1.015	1.028	0.943	0.989	0.987	0.929
FR1 n14_Ant 1 TX0	0.236	0.260	0.204	0.998	1.083	1.098	1.074	1.086	0.973	1.212	1.020	1.089	1.091	1.006	1.052	1.050	0.992
FR1 n25_Ant 1 Sub TX0	0.588	0.260	0.204	1.450	1.535	1.550	1.526	1.538	1.425	1.664	1.472	1.540	1.543	1.458	1.508	1.502	1.444
FR1 n26_Ant 1 TX0	0.227	0.260	0.204	0.969	1.074	1.089	1.065	1.077	0.964	1.203	1.011	1.079	1.082	0.997	1.043	1.041	0.983
FR1 n41_Ant 1 Sub TX0	0.613	0.260	0.204	1.275	1.360	1.375	1.351	1.363	1.250	1.499	1.297	1.361	1.368	1.283	1.329	1.327	1.269
FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.204	1.120	1.205	1.220	1.196	1.208	1.095	1.334	1.142	1.210	1.213	1.128	1.174	1.172	1.114
FR1 n66_Ant 1 Sub TX0	0.796	0.260	0.204	1.553	1.438	1.453	1.429	1.441	1.528	1.767	1.575	1.643	1.646	1.561	1.607	1.605	1.547
FR1 n71_Ant 1 TX0	0.173	0.260	0.204	0.935	1.000	1.035	1.011	1.023	0.910	1.149	0.957	1.015	1.028	0.943	0.989	0.987	0.929
FR1 n77_Ant 1 Sub TX0	0.557	0.260	0.204	1.319	1.404	1.419	1.395	1.407	1.294	1.533	1.341	1.409	1.412	1.327	1.373	1.371	1.313

SAR peak location (mm)			X (mm)		8.3	-90	-90.5	-47	-41.9	-90	-91	-92	-93.5	-91.7	-91.5	-94.6	-98	-91	-42.4	-99.1
			Y (mm)		56.2	-72	-58	-57.8	-62.3	-55	-53	-55.5	-72	-56	-62.5	-53.9	-58	-56.5	-51.8	-55.8
			Z (mm)		-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157	-157
			Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22
X (mm)	Y (mm)	Z (mm)		WWAN SAR	WLAN/BT/GNz Ant 4+3	Bluetooth Ant 4	GSM/850_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)			0.268	0.353	0.368	0.344	0.354	0.343	0.462	0.290	0.359	0.361	0.276	0.322	0.320	0.262
							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
-5.4	68.6	-157	GSM/850_Ant 1 TX0	0.399	0.290	0.204														
-6.6	79.3	-157	WCDMA V_Ant 1 TX0	0.226	0.260	0.204														
-7.4	69.6	-157	LTE Band 12_Ant 1 TX0	0.162	0.260	0.204														
-5.8	64.1	-157	LTE Band 13_Ant 1 TX0	0.220	0.260	0.204														
-6.8	71.8	-157	LTE Band 14_Ant 1 TX0	0.242	0.260	0.204														
-5.6	63.9	-157	LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.204														
-10.1	79.3	-157	LTE Band 26_Ant 1 TX0	0.251	0.260	0.204														
-7.3	84.4	-157	LTE Band 66_Ant 1 Sub TX0	0.538	0.260	0.204														
-6.9	69.4	-157	LTE Band 71_Ant 1 TX0	0.177	0.260	0.204														
-7.9	67.9	-157	FR1 n12_Ant 1 TX0	0.173	0.260	0.204														
-6.3	71.8	-157	FR1 n14_Ant 1 TX0	0.236	0.260	0.204														
-5.4	63.9	-157	FR1 n25_Ant 1 Sub TX0	0.588	0.260	0.204								0.01						
-10.3	80.6	-157	FR1 n26_Ant 1 TX0	0.227	0.260	0.204														
16	70.5	-157	FR1 n41_Ant 1 Sub TX0	0.613	0.260	0.204														
17	87	-157	FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.204														
-0.6	84.4	-157	FR1 n66_Ant 1 Sub TX0	0.796	0.260	0.204		0.02	0.02	0.02	0.02			0.02		0.02		0.01	0.02	
-9	88.6	-157	FR1 n71_Ant 1 TX0	0.173	0.260	0.204														
16	67.9	-157	FR1 n77_Ant 1 Sub TX0	0.557	0.260	0.204														

<Case 104>

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	WLAN/BT/GNU 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)			0.269	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.351	0.276	0.320	0.320	0.262
				0+0+749 Summed SAR	0+0+753 Summed SAR	0+0+751 Summed SAR	0+0+742 Summed SAR	0+0+743 Summed SAR	0+0+744 Summed SAR	0+0+745 Summed SAR	0+0+746 Summed SAR	0+0+747 Summed SAR	0+0+748 Summed SAR	0+0+749 Summed SAR	0+0+750 Summed SAR	0+0+721 Summed SAR	0+0+722 Summed SAR
GSM850_Ant 1 TX	0.359	0.260	0.119	1.036	1.121	1.136	1.113	1.124	1.011	1.250	1.058	1.125	1.129	1.044	1.080	1.098	1.030
WCDMA V_Ant 1 TX	0.226	0.260	0.119	0.903	0.988	1.003	0.979	0.991	0.878	1.117	0.925	0.963	0.996	0.911	0.957	0.955	0.897
LTE Band 12_Ant 1 TX0	0.162	0.260	0.119	0.839	0.924	0.939	0.915	0.927	0.814	1.052	0.861	0.929	0.932	0.847	0.892	0.891	0.833
LTE Band 13_Ant 2 TX0	0.200	0.260	0.119	0.857	0.992	0.997	0.973	0.991	0.872	1.111	0.918	0.967	0.990	0.905	0.954	0.948	0.891
LTE Band 14_Ant 1 TX0	0.242	0.260	0.119	0.919	1.004	1.019	0.995	1.007	0.884	1.133	0.941	1.009	1.012	0.927	0.973	0.971	0.913
LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.119	1.295	1.351	1.366	1.342	1.354	1.241	1.460	1.288	1.354	1.358	1.274	1.320	1.318	1.260
LTE Band 26_Ant 2 TX0	0.251	0.260	0.119	0.928	1.013	1.028	1.004	1.016	0.903	1.142	0.950	1.018	1.021	0.936	0.982	0.980	0.922
LTE Band 66_Ant 1 Sub TX0	0.539	0.260	0.119	1.216	1.301	1.316	1.292	1.304	1.191	1.409	1.238	1.306	1.309	1.224	1.270	1.268	1.210
LTE Band 71_Ant 1 TX0	0.177	0.260	0.119	0.854	0.939	0.954	0.930	0.942	0.829	1.068	0.876	0.944	0.947	0.862	0.908	0.906	0.848
FR1 n12_Ant 1 TX	0.173	0.260	0.119	0.850	0.935	0.950	0.926	0.938	0.825	1.064	0.872	0.940	0.943	0.858	0.904	0.902	0.844
FR1 n14_Ant 1 TX	0.238	0.260	0.119	0.913	0.998	1.013	0.989	1.001	0.888	1.127	0.935	1.003	1.006	0.921	0.967	0.965	0.907
FR1 n41_Ant 1 Sub TX0	0.898	0.260	0.119	1.565	1.450	1.465	1.441	1.453	1.340	1.579	1.397	1.455	1.458	1.373	1.419	1.417	1.359
FR1 n26_Ant 1 TX	0.227	0.260	0.119	0.904	0.989	1.004	0.980	0.992	0.879	1.118	0.926	0.994	0.997	0.912	0.958	0.956	0.898
FR1 n41_Ant 1 Sub TX0	0.513	0.260	0.119	1.190	1.275	1.290	1.266	1.278	1.165	1.404	1.212	1.280	1.283	1.198	1.244	1.242	1.184
FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.119	1.035	1.120	1.135	1.111	1.123	1.010	1.249	1.057	1.125	1.128	1.043	1.089	1.087	1.029
FR1 n66_Ant 1 Sub TX0	0.756	0.260	0.119	1.468	1.553	1.568	1.544	1.556	1.443	1.692	1.490	1.559	1.561	1.476	1.520	1.520	1.462
FR1 n70_Ant 1 TX	0.173	0.260	0.119	0.850	0.935	0.950	0.926	0.938	0.825	1.064	0.872	0.940	0.943	0.858	0.904	0.902	0.844
FR1 n77_Ant 1 Sub TX0	0.557	0.260	0.119	1.234	1.319	1.334	1.310	1.322	1.209	1.448	1.256	1.324	1.327	1.242	1.288	1.286	1.228

SAR peak location (mm)				X (left)		6.3	38	-90.5	-47	-41.8	-90	91	-92	63.5	-91.7	-91.5	9.6	-98	-91	-42.4	-99.1
				Y (left)		56.2	31.5	-54	57.8	-62.3	-46	-42	-94.5	-73	-46	-92.5	-59.8	-66	-96.5	-42.8	-56.8
				Z (left)		-237	-232.2	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237
			Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
X (left)	Y (left)	Z (left)		WWAN SAR	WLAN/BT/GNU 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)			0.269	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.351	0.276	0.320	0.320	0.262	
							0+0+749 SPLSR Results	0+0+753 SPLSR Results	0+0+751 SPLSR Results	0+0+742 SPLSR Results	0+0+743 SPLSR Results	0+0+744 SPLSR Results	0+0+745 SPLSR Results	0+0+746 SPLSR Results	0+0+747 SPLSR Results	0+0+748 SPLSR Results	0+0+749 SPLSR Results	0+0+750 SPLSR Results	0+0+721 SPLSR Results	0+0+722 SPLSR Results
-1.4	68.6	-207	GSM850_Ant 1 TX	0.359	0.260	0.119															
-6.6	79.3	-207	WCDMA V_Ant 1 TX	0.226	0.260	0.119															
-7.4	69.6	-207	LTE Band 12_Ant 1 TX0	0.162	0.260	0.119															
-0.6	64.1	-207	LTE Band 13_Ant 2 TX0	0.200	0.260	0.119															
-6.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.260	0.119															
6.8	53.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.119															
-35.1	79.3	-207	LTE Band 26_Ant 2 TX0	0.251	0.260	0.119															
7.3	55.4	-207	LTE Band 66_Ant 1 Sub TX0	0.539	0.260	0.119															
5.6	89.4	-207	LTE Band 71_Ant 1 TX0	0.177	0.260	0.119															
7.3	67.9	-207	FR1 n12_Ant 1 TX	0.173	0.260	0.119															
9.3	71.8	-207	FR1 n14_Ant 1 TX	0.238	0.260	0.119															
6.8	83.9	-207	FR1 n25_Ant 1 Sub TX0	0.898	0.260	0.119															
-35.9	80.8	-207	FR1 n26_Ant 1 TX	0.227	0.260	0.119															
14	79.9	-207	FR1 n41_Ant 1 Sub TX0	0.923	0.260	0.119															
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.119															
-12.8	66.4	-207	FR1 n66_Ant 1 Sub TX0	0.791	0.260	0.119								0.02							
-9	89.6	-207	FR1 n70_Ant 1 TX	0.173	0.260	0.119															
16	87.6	-207	FR1 n77_Ant 1 Sub TX0	0.557	0.260	0.119															

<Case 105>

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	WLAN/BT/GNU Ant 4+3	Thread Ant 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 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0
Back	1g SAR (W/kg)			0.268	0.353	0.368	0.344	0.356	0.242	0.482	0.290	0.359	0.351	0.276	0.320	0.320	0.262
				0+0+749 Summed SAR	0+0+753 Summed SAR	0+0+751 Summed SAR	0+0+742 Summed SAR	0+0+743 Summed SAR	0+0+744 Summed SAR	0+0+745 Summed SAR	0+0+746 Summed SAR	0+0+747 Summed SAR	0+0+748 Summed SAR	0+0+749 Summed SAR	0+0+750 Summed SAR	0+0+721 Summed SAR	0+0+722 Summed SAR
GSM1900_Ant 2 TX0	0.268	0.260	0.144	1.061	1.145	1.161	1.127	1.149	1.036	1.275	1.093	1.151	1.154	1.069	1.105	1.113	1.055
WCDMA V_Ant 1 TX	0.226	0.260	0.144	0.928	1.013	1.028	1.004	1.016	0.903	1.142	0.950	1.018	1.021	0.936	0.982	0.980	0.922
LTE Band 12_Ant 1 TX0	0.162	0.260	0.144	0.864	0.949	0.964	0.940	0.952	0.839	1.078	0.886	0.954	0.957	0.872	0.918	0.916	0.858
LTE Band 13_Ant 2 TX0	0.200	0.260	0.144	0.922	1.007	1.022	0.999	1.016	0.897	1.138	0.944	1.012	1.015	0.930	0.976	0.974	0.915
LTE Band 14_Ant 1 TX0	0.242	0.260	0.144	0.944	1.029	1.044	1.020	1.032	0.918	1.158	0.966	1.034	1.037	0.952	0.998	0.996	0.938
LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.144	1.291	1.376	1.391	1.367	1.379	1.266	1.505	1.313	1.381	1.384	1.299	1.345	1.343	1.285
LTE Band 26_Ant 2 TX0	0.251	0.260	0.144	0.953	1.038	1.053	1.029	1.041	0.928	1.167	0.975	1.043	1.046	0.961	1.007	1.005	0.947
LTE Band 66_Ant 1 Sub TX0	0.539	0.260	0.144	1.241	1.326	1.341	1.317	1.329	1.216	1.455	1.263	1.331	1.334	1.249	1.295	1.293	1.235
LTE Band 71_Ant 1 TX0	0.177	0.260	0.144	0.879	0.964	0.979	0.955	0.967	0.854	1.093	0.901	0.969	0.972	0.887	0.933	0.931	0.873
FR1 n12_Ant 1 TX	0.173	0.260	0.144	0.875	0.960	0.975	0.951	0.963	0.850	1.089	0.897	0.965	0.968	0.883	0.928	0.927	0.869
FR1 n14_Ant 1 TX	0.238	0.260	0.144	0.938	1.023	1.038	1.014	1.026	0.913	1.152	0.960	1.029	1.031	0.946	0.992	0.990	0.932
FR1 n25_Ant 1 Sub TX0	0.898	0.260	0.144	1.590	1.475	1.490	1.466	1.478	1.365	1.605	1.412	1.480	1.483	1.398	1.444	1.442	1.384
FR1 n26_Ant 1 TX	0.227	0.260	0.144	0.929	1.014	1.029	1.005	1.017	0.904	1.143	0.951	1.019	1.022	0.937	0.983	0.981	0.923
FR1 n41_Ant 1 Sub TX0	0.513	0.260	0.144	1.215	1.300	1.315	1.291	1.303	1.190	1.429	1.237	1.305	1.308	1.223	1.269	1.267	1.209
FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.144	1.060	1.145	1.160	1.136	1.148	1.035	1.274	1.082	1.150	1.153	1.068	1.114	1.112	1.054
FR1 n66_Ant 1 Sub TX0	0.756	0.260	0.144	1.493	1.578	1.593	1.569	1.581	1.468	1.707	1.515	1.583	1.586	1.501	1.547	1.545	1.487
FR1 n70_Ant 1 TX	0.173	0.260	0.144	0.875	0.960	0.975	0.951	0.963	0.850	1.089	0.897	0.965	0.968	0.883	0.928	0.927	0.869
FR1 n77_Ant 1 Sub TX0	0.557	0.260	0.144	1.209	1.294	1.309	1.285	1.297	1.234	1.473	1.280	1.349	1.352	1.267	1.313	1.311	1.253

SAR peak location (mm)				X (left)		6.3	17.5	-90.5	-47	-41.8	-90	91	-92	63.5	-91.7	-91.5	9.6	-98	-91	-42.4	-99.1
				Y (left)		56.2	35	-54	57.8	-62.3	-46	-42	-94.5	-73	-46	-92.5	-59.8	-66	-96.5	-42.8	-56.8
				Z (left)		-237	-232.2	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237	-237
			Exposure Position	0	1	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
X (left)	Y (left)	Z (left)		WWAN SAR	WLAN/BT/GNU Ant 4+3	Thread Ant 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 n30_Ant 2 TX0	FR1 n41_Ant 2 TX0	FR1 n66_Ant 2 TX0	FR1 n70_Ant 2 TX0	
			Back	1g SAR (W/kg)			0.268	0.353	0.368	0.344	0.356	0.242	0.482	0.290	0.359	0.351	0.276	0.320	0.320	0.262	
							0+0+749 SPLSR Results	0+0+753 SPLSR Results	0+0+751 SPLSR Results	0+0+742 SPLSR Results	0+0+743 SPLSR Results	0+0+744 SPLSR Results	0+0+745 SPLSR Results	0+0+746 SPLSR Results	0+0+747 SPLSR Results	0+0+748 SPLSR Results	0+0+749 SPLSR Results	0+0+750 SPLSR Results	0+0+721 SPLSR Results	0+0+722 SPLSR Results
-1.4	68.6	-207	GSM850_Ant 1 TX	0.359	0.260	0.144															
-6.6	79.3	-207	WCDMA V_Ant 1 TX	0.226	0.260	0.144															
-7.4	69.6	-207	LTE Band 12_Ant 1 TX0	0.162	0.260	0.144															
-0.6	64.1	-207	LTE Band 13_Ant 2 TX0	0.200	0.260	0.144															
-6.8	71.8	-207	LTE Band 14_Ant 1 TX0	0.242	0.260	0.144															
6.8	53.9	-207	LTE Band 25_Ant 1 Sub TX0	0.588	0.260	0.144															
-35.1	79.3	-207	LTE Band 26_Ant 2 TX0	0.251	0.260	0.144															
7.3	55.4	-207	LTE Band 66_Ant 1 Sub TX0	0.539	0.260	0.144															
5.6	89.4	-207	LTE Band 71_Ant 1 TX0	0.177	0.260	0.144															
7.3	67.9	-207	FR1 n12_Ant 1 TX	0.173	0.260	0.144															
9.3	71.8	-207	FR1 n14_Ant 1 TX	0.238	0.260	0.144															
6.8	83.9	-207	FR1 n25_Ant 1 Sub TX0	0.898	0.260	0.144								0.02							
-35.9	80.8	-207	FR1 n26_Ant 1 TX	0.227	0.260	0.144															
14	79.9	-207	FR1 n41_Ant 1 Sub TX0	0.923	0.260	0.144															
17	87	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.260	0.144															
-12.8	66.4	-207	FR1 n66_Ant 1 Sub TX0	0.791	0.260	0.144								0.02							
-9	89.6	-207	FR1 n70_Ant 1 TX	0.173	0.260	0.144															
16	87.6	-207	FR1 n77_Ant 1 Sub TX0	0.557	0.260	0.144															

<Case 106>

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)			0.296	0.347	0.346
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.359	0.290	0.173	1.118	1.169	1.168
WCDMA V_Ant 1 TX1	0.226	0.290	0.173	0.985	1.036	1.035
LTE Band 12_Ant 1 TX1	0.162	0.290	0.173	0.921	0.972	0.971
LTE Band 13_Ant 1 TX1	0.220	0.290	0.173	0.979	1.030	1.029
LTE Band 14_Ant 1 TX1	0.242	0.290	0.173	1.001	1.052	1.051
LTE Band 25_Ant 1 Sub TX0	0.589	0.290	0.173	1.348	1.399	1.398
LTE Band 26_Ant 1 TX1	0.251	0.290	0.173	1.010	1.061	1.060
LTE Band 66_Ant 1 Sub TX0	0.539	0.290	0.173	1.298	1.349	1.348
LTE Band 71_Ant 1 TX1	0.177	0.290	0.173	0.936	0.987	0.986
FR1 n12_Ant 1 TX1	0.173	0.290	0.173	0.932	0.983	0.982
FR1 n14_Ant 1 TX1	0.236	0.290	0.173	0.995	1.046	1.045
FR1 n25_Ant 1 Sub TX0	0.688	0.290	0.173	1.447	1.498	1.497
FR1 n26_Ant 1 TX1	0.227	0.290	0.173	0.986	1.037	1.036
FR1 n41_Ant 1 Sub TX0	0.513	0.290	0.173	1.272	1.323	1.322
FR1 n48_Ant 1 Sub TX0	0.358	0.290	0.173	1.117	1.168	1.167
FR1 n66_Ant 1 Sub TX0	0.791	0.290	0.173	1.550	1.601	1.600
FR1 n71_Ant 1 TX1	0.173	0.290	0.173	0.932	0.983	0.982
FR1 n77_Ant 1 Sub TX0	0.557	0.290	0.173	1.316	1.367	1.366

SAR peak location (mm)			X (axis)		6.3	14	-56.5	-65.5	-59
			Y (axis)		58.2	36	-54.5	-52.5	-52
			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)			0.296	0.347	0.346
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-1.4	68.6	-207	GSM850_Ant 1 TX1	0.359	0.290	0.173			
-9.6	79.3	-207	WCDMA V_Ant 1 TX1	0.226	0.290	0.173			
-7.4	85.6	-207	LTE Band 12_Ant 1 TX1	0.162	0.290	0.173			
-3.8	64.1	-207	LTE Band 13_Ant 1 TX1	0.220	0.290	0.173			
-8.8	71.8	-207	LTE Band 14_Ant 1 TX1	0.242	0.290	0.173			
6.8	83.9	-207	LTE Band 25_Ant 1 Sub TX0	0.589	0.290	0.173			
-10.1	79.3	-207	LTE Band 26_Ant 1 TX1	0.251	0.290	0.173			
7.3	84.4	-207	LTE Band 66_Ant 1 Sub TX0	0.539	0.290	0.173			
-9.8	85.4	-207	LTE Band 71_Ant 1 TX1	0.177	0.290	0.173			
-7.3	67.8	-207	FR1 n12_Ant 1 TX1	0.173	0.290	0.173			
-9.3	71.8	-207	FR1 n14_Ant 1 TX1	0.236	0.290	0.173			
4.6	83.9	-207	FR1 n25_Ant 1 Sub TX0	0.688	0.290	0.173			
-10.3	82.6	-207	FR1 n26_Ant 1 TX1	0.227	0.290	0.173			
16	70.5	-207	FR1 n41_Ant 1 Sub TX0	0.513	0.290	0.173			
17	67	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.290	0.173			
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.791	0.290	0.173		0.02	0.02
-8	88.6	-207	FR1 n71_Ant 1 TX1	0.173	0.290	0.173			
18	67.5	-207	FR1 n77_Ant 1 Sub TX0	0.557	0.290	0.173			

<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 4	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1
Back	1g SAR (W/kg)			0.296	0.347	0.346
				0+1+7+9 Summed SAR	0+1+7+10 Summed SAR	0+1+7+11 Summed SAR
GSM850_Ant 1 TX1	0.359	0.290	0.204	1.149	1.200	1.199
WCDMA V_Ant 1 TX1	0.226	0.290	0.204	1.016	1.067	1.066
LTE Band 12_Ant 1 TX1	0.162	0.290	0.204	0.952	1.003	1.002
LTE Band 13_Ant 1 TX1	0.220	0.290	0.204	1.010	1.061	1.060
LTE Band 14_Ant 1 TX1	0.242	0.290	0.204	1.032	1.083	1.082
LTE Band 25_Ant 1 Sub TX0	0.589	0.290	0.204	1.379	1.430	1.429
LTE Band 26_Ant 1 TX1	0.251	0.290	0.204	1.041	1.092	1.091
LTE Band 66_Ant 1 Sub TX0	0.539	0.290	0.204	1.329	1.380	1.379
LTE Band 71_Ant 1 TX1	0.177	0.290	0.204	0.967	1.018	1.017
FR1 n12_Ant 1 TX1	0.173	0.290	0.204	0.963	1.014	1.013
FR1 n14_Ant 1 TX1	0.236	0.290	0.204	1.026	1.077	1.076
FR1 n25_Ant 1 Sub TX0	0.688	0.290	0.204	1.478	1.529	1.528
FR1 n26_Ant 1 TX1	0.227	0.290	0.204	1.017	1.068	1.067
FR1 n41_Ant 1 Sub TX0	0.513	0.290	0.204	1.303	1.354	1.353
FR1 n48_Ant 1 Sub TX0	0.358	0.290	0.204	1.148	1.199	1.198
FR1 n66_Ant 1 Sub TX0	0.791	0.290	0.204	1.581	1.632	1.631
FR1 n71_Ant 1 TX1	0.173	0.290	0.204	0.963	1.014	1.013
FR1 n77_Ant 1 Sub TX0	0.557	0.290	0.204	1.347	1.398	1.397

SAR peak location (mm)			X (axis)		6.3	-64	-56.5	-65.5	-59
			Y (axis)		58.2	72	-54.5	-52.5	-52
			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)			0.296	0.347	0.346
							0+1+7+9 SPLSR Results	0+1+7+10 SPLSR Results	0+1+7+11 SPLSR Results
-1.4	68.6	-207	GSM850_Ant 1 TX1	0.359	0.290	0.204			
-9.6	79.3	-207	WCDMA V_Ant 1 TX1	0.226	0.290	0.204			
-7.4	85.6	-207	LTE Band 12_Ant 1 TX1	0.162	0.290	0.204			
-3.8	64.1	-207	LTE Band 13_Ant 1 TX1	0.220	0.290	0.204			
-8.8	71.8	-207	LTE Band 14_Ant 1 TX1	0.242	0.290	0.204			
6.8	83.9	-207	LTE Band 25_Ant 1 Sub TX0	0.589	0.290	0.204			
-10.1	79.3	-207	LTE Band 26_Ant 1 TX1	0.251	0.290	0.204			
7.3	84.4	-207	LTE Band 66_Ant 1 Sub TX0	0.539	0.290	0.204			
-9.8	85.4	-207	LTE Band 71_Ant 1 TX1	0.177	0.290	0.204			
-7.3	67.8	-207	FR1 n12_Ant 1 TX1	0.173	0.290	0.204			
-9.3	71.8	-207	FR1 n14_Ant 1 TX1	0.236	0.290	0.204			
4.6	83.9	-207	FR1 n25_Ant 1 Sub TX0	0.688	0.290	0.204			
-10.3	82.6	-207	FR1 n26_Ant 1 TX1	0.227	0.290	0.204			
16	70.5	-207	FR1 n41_Ant 1 Sub TX0	0.513	0.290	0.204			
17	67	-207	FR1 n48_Ant 1 Sub TX0	0.358	0.290	0.204			
-0.6	84.4	-207	FR1 n66_Ant 1 Sub TX0	0.791	0.290	0.204		0.02	0.02
-8	88.6	-207	FR1 n71_Ant 1 TX1	0.173	0.290	0.204			
18	67.5	-207	FR1 n77_Ant 1 Sub TX0	0.557	0.290	0.204			

<Case 108>

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	GSM850_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)			0.288	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.331	0.276	0.322	0.389	0.362
				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 1 Sub TX1	0.428	0.290	0.204	1.188	1.273	1.288	1.264	1.276	1.183	1.402	1.233	1.279	1.235	1.196	1.242	1.348	1.182
LTE Band 66_Ant 1 Sub TX1	0.568	0.290	0.204	1.330	1.410	1.430	1.406	1.418	1.305	1.544	1.352	1.420	1.423	1.338	1.384	1.382	1.324
FR1 n25_Ant 1 Sub TX1	0.606	0.290	0.204	1.371	1.450	1.471	1.447	1.459	1.348	1.585	1.390	1.461	1.466	1.379	1.425	1.422	1.363
FR1 n66_Ant 1 Sub TX1	0.635	0.290	0.204	1.397	1.482	1.497	1.473	1.485	1.372	1.611	1.418	1.487	1.490	1.405	1.451	1.448	1.391
FR1 n41_Ant 1 Sub TX1	0.602	0.290	0.204	1.434	1.489	1.504	1.480	1.492	1.379	1.619	1.426	1.494	1.497	1.412	1.458	1.456	1.398
FR1 n48_Ant 1 Sub TX1	0.483	0.290	0.204	1.225	1.310	1.325	1.301	1.313	1.200	1.439	1.247	1.315	1.318	1.233	1.279	1.277	1.219
FR1 n77_Ant 1 Sub TX1	0.397	0.290	0.204	1.119	1.204	1.218	1.195	1.207	1.094	1.333	1.141	1.209	1.212	1.127	1.173	1.171	1.113

SAR peak location (mm)			X (axis)		6.3	-64	-56.5	-65.5	-59	-67	-61.9	-65	-62	-56.5	-62.7	-61.5	-54.9	-56	-61	-62.4	-56.1
			Y (axis)		58.2	72	68	67.8	68.3	68	68.3	66	68	68.5	75	66	68.5	69.9	68	68.3	68.8
			Z (axis)		-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207	-207
X (axis)	Y (axis)	Z (axis)	Exposure Position	0	1	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	LTE Band 48_Ant 7 TX1	FR1 n48_Ant 7 TX1	FR1 n77_Ant 7 TX1	GSM850_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)			0.296	0.347	0.346	0.288	0.353	0.368	0.344	0.356	0.243	0.482	0.290	0.359	0.331	0.276	0.322	0.389	0.362
							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	
42.4	59.4	-207	LTE Band 26_Ant 1 Sub TX1	0.428	0.290	0.204											0.02					
49.1	59.4	-207	LTE Band 66_Ant 1 Sub TX1	0.568	0.290	0.204											0.02					
44.1	39.1	-207	FR1 n25_Ant 1 Sub TX1	0.606	0.290	0.204																
42.4	59.8	-207	FR1 n66_Ant 1 Sub TX1	0.635	0.290	0.204																
48	43.9	-207	FR1 n41_Ant 1 Sub TX1	0.602	0.290	0.204																
41.9	77.9	-207	FR1 n48_Ant 1 Sub TX1	0.483	0.290	0.204																
48	75	-207	FR1 n77_Ant 1 Sub TX1	0.397	0.290	0.204																