

Appendix F. Sim-Tx SAR consideration

F.1 Sim-Tx Configuration

<Closed mode>

Exposure Condition	Mode	Capable TX Configurations	WWAN Power	WiFi Power	BT Power	
Head	WWAN Standalone	WWAN	Index 2			
	WiFi Standalone	WiFi 2.4G SISO (Ant3 or Ant4)		Index1-1		
		WiFi 2.4G MIMO/CDD (Ant4+3)				
		WiFi 5G MIMO (Ant3+4)				
		WiFi 6E MIMO (Ant3+4)				
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)		Index1-2 (RSDB)		
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)				
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)				
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)				
	WiFi + BT/Thread	WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4)		Index1-1	Index1	
		WiFi 5G MIMO (Ant3+4) + Bluetooth/Thread (Ant3)				
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)				
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4)				
		WiFi 6E MIMO (Ant3+4) + Bluetooth/Thread (Ant3)				
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)				
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)		Index2-1		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)				
		WWAN + WiFi 5G MIMO (Ant3+4)				
		WWAN + WiFi 6E MIMO (Ant3+4)				
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)		Index2-2 (RSDB)		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)				
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4)				
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4)				
	WWAN + BT/Thread	WWAN + Bluetooth (Ant4)	Index 3		Index1	
		WWAN + Bluetooth/Thread (Ant3)				
		WWAN + Bluetooth (Ant4+3)				
	WWAN + WiFi + BT	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4)			Index2-1	Index1
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant3)				
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)				
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4)				
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant3)				
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)				
Body/Extremity	WWAN Standalone	WWAN + NFC	Index 5			
	WiFi Standalone	WiFi 2.4G SISO (Ant3 or Ant4) + NFC		Index3-1		
		WiFi 2.4G MIMO/CDD (Ant4+3) + NFC				
		WiFi 5G MIMO (Ant3+4) + NFC				
		WiFi 6E MIMO (Ant3+4) + NFC				
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4) + NFC		Index3-2 (RSDB)		
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4) + NFC				
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4) + NFC				
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4) + NFC				
	BT/Thread standalone	Bluetooth (Ant4) + NFC			Index4	
		Bluetooth/Thread (Ant3) + NFC				
		Bluetooth (Ant4+3) + NFC				
	WiFi + BT/Thread	WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4) + NFC		Index3-1	Index3	
		WiFi 5G MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC				
		WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC				
		WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4) + NFC				
		WiFi 6E MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC				

	WWAN + WiFi	WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC	Index 6	Index4-1		
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + NFC				
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + NFC				
		WWAN + WiFi 5G MIMO (Ant3+4) + NFC				
		WWAN + WiFi 6E MIMO (Ant3+4) + NFC				
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4) + NFC		Index4-2 (RSDB)		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4) + NFC				
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4) + NFC				
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4) + NFC				
	WWAN + BT/Thread	WWAN + Bluetooth (Ant4) + NFC			Index3	
		WWAN + Bluetooth/Thread (Ant3) + NFC				
		WWAN + Bluetooth (Ant4+3) + NFC				
	WWAN + WiFi + BT/Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4) + NFC		Index4-1	Index2	
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC				
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC				
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4) + NFC				
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC				
WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC						
Hotspot	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index 4	Index4-1		
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)				
		WWAN + WiFi 5G MIMO (Ant3+4)				
		WWAN + WiFi 6E MIMO (Ant3+4)				
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)				
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)		Index4-2 (RSDB)		
	WWAN + BT/Thread	WWAN + Bluetooth (Ant4)				Index2
		WWAN + Bluetooth/Thread (Ant3)				
		WWAN + Bluetooth (Ant4+3)				
	WWAN + WiFi + BT/Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4)		Index4-1	Index2	
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth/Thread (Ant3)				
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)				

<Open mode>

Exposure Condition	Mode	Capable TX Configurations	WWAN Power	Wi-Fi Power	BT Power	
Head	WWAN Standalone	WWAN	Index 7			
	Wi-Fi Standalone	Wi-Fi 2.4G SISO (Ant3 or Ant4)		Index5-1		
		Wi-Fi 2.4G MIMO/CDD (Ant4+3)				
		Wi-Fi 5G MIMO (Ant3+4)				
		Wi-Fi 6E MIMO (Ant3+4)				
		Wi-Fi 2.4G SISO (Ant3 or Ant4) + Wi-Fi 5G MIMO (Ant3+4)		Index5-2 (RSDB)		
		Wi-Fi 2.4G SISO (Ant3 or Ant4) + Wi-Fi 6E MIMO (Ant3+4)				
		Wi-Fi 2.4G MIMO/CDD (Ant4+3) + Wi-Fi 5G MIMO (Ant3+4)				
		Wi-Fi 2.4G MIMO/CDD (Ant4+3) + Wi-Fi 6E MIMO (Ant3+4)				
	Wi-Fi + BT/Thread	Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant4)		Index5-1	Index5	
		Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant3)				
		Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)				
		Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant4)				
		Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant3)				
		Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)				
	WWAN + Wi-Fi	WWAN + Wi-Fi 2.4G SISO (Ant3 or Ant4)		Index5-1		
		WWAN + Wi-Fi 2.4G MIMO/CDD (Ant4+3)				
		WWAN + Wi-Fi 5G MIMO (Ant3+4)				
		WWAN + Wi-Fi 6E MIMO (Ant3+4)				
		WWAN + Wi-Fi 2.4G SISO (Ant3 or Ant4) + Wi-Fi 5G MIMO (Ant3+4)		Index5-2 (RSDB)		
		WWAN + Wi-Fi 2.4G MIMO/CDD (Ant4+3) + Wi-Fi 5G MIMO (Ant3+4)				
		WWAN + Wi-Fi 2.4G SISO (Ant3 or Ant4) + Wi-Fi 6E MIMO (Ant3+4)				
		WWAN + Wi-Fi 2.4G MIMO/CDD (Ant4+3) + Wi-Fi 6E MIMO (Ant3+4)				
	WWAN + BT/Thread	WWAN + Bluetooth (Ant4)	Index 7		Index5	
		WWAN + Bluetooth/Thread (Ant3)				
		WWAN + Bluetooth (Ant4+3)				
	WWAN + Wi-Fi + BT/Thread	WWAN + Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant4)		Index5-1	Index5	
		WWAN + Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant3)				
		WWAN + Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)				
		WWAN + Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant4)				
		WWAN + Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant3)				
		WWAN + Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3)				
Body/Extremity	WWAN Standalone	WWAN + NFC	Index 10			
	Wi-Fi Standalone	Wi-Fi 2.4G SISO (Ant3 or Ant4) + NFC		Index6-1 Index8-1		
		Wi-Fi 2.4G MIMO/CDD (Ant4+3) + NFC				
		Wi-Fi 5G MIMO (Ant3+4) + NFC				
		Wi-Fi 6E MIMO (Ant3+4) + NFC				
		Wi-Fi 2.4G SISO (Ant3 or Ant4) + Wi-Fi 5G MIMO (Ant3+4) + NFC		Index6-2 Index8-2 (RSDB)		
		Wi-Fi 2.4G MIMO/CDD (Ant4+3) + Wi-Fi 5G MIMO (Ant3+4) + NFC				
		Wi-Fi 2.4G SISO (Ant3 or Ant4) + Wi-Fi 6E MIMO (Ant3+4) + NFC				
		Wi-Fi 2.4G MIMO/CDD (Ant4+3) + Wi-Fi 6E MIMO (Ant3+4) + NFC				
	BT standalone/Thread	Bluetooth (Ant4) + NFC			Index8	
		Bluetooth/Thread (Ant3) + NFC				
		Bluetooth (Ant4+3) + NFC				
	Wi-Fi + BT/Thread	Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant4) + NFC		Index6-1 Index8-1	Index7	
		Wi-Fi 5G MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC				
		Wi-Fi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC				
		Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant4) + NFC				
		Wi-Fi 6E MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC				
		Wi-Fi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC				
WWAN + Wi-Fi	WWAN + Wi-Fi 2.4G SISO (Ant3 or Ant4) + NFC	Index 11	Index7-1 Index9-1			
	WWAN + Wi-Fi 2.4G MIMO/CDD (Ant4+3) + NFC					

		WWAN + WiFi 5G MIMO (Ant3+4) + NFC		Index7-2 Index9-2 (RSDB)	
		/Thread WWAN + WiFi 6E MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 6E MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 6E MIMO (Ant3+4) + NFC			
	WWAN + BT/Thread	WWAN + Bluetooth (Ant4) + NFC			Index7
		WWAN + Bluetooth/Thread (Ant3) + NFC			
		WWAN + Bluetooth (Ant4+3) + NFC			
	WWAN + WiFi + BT/Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4) + NFC		Index7-1 Index9-1	Index6
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC			
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC			
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4) + NFC			
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth/Thread (Ant3) + NFC			
		WWAN + WiFi 6E MIMO (Ant3+4) + Bluetooth (Ant4+3) + NFC			
Hotspot	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index 9	Index7-1 Index9-1	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G MIMO (Ant3+4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G MIMO (Ant3+4)			
	WWAN + BT	WWAN + Bluetooth (Ant4)			Index6
		WWAN + Bluetooth/Thread (Ant3)			
		WWAN + Bluetooth (Ant4+3)			
	WWAN + WiFi + BT/Thread	WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4)		Index7-1 Index9-1	Index6
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth/Thread (Ant3)			
		WWAN + WiFi 5G MIMO (Ant3+4) + Bluetooth (Ant4+3)			

General Note:

1. This device WLAN 2.4GHz / 5.2GHz and 5.8GHz 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 SAR summation is calculated based on the same exposure configuration and test position from each transmit antenna worst case reported SAR results.
4. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) Scalar SAR summation < 1.6W/kg.
 - ii) $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.

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

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

For the 5GNR EN-DC or 5GNR DC, the power ratio factors are g_1 and g_2 for LTE/NR and NR respectively. The purpose of these power ratio factors is to split the available SAR budget among different RATs, so $g_1 + g_2 \leq 1$. The value of g_1 is computed based on the need of the anchor (LTE) and can be changed if the anchor changes its power request. Based on the SAR Budget portion allocated to the anchor, the value of g_2 will be computed. At steady state (where all RATs are being on for a while), the allocated power ratio factors will guarantee that the total exposure ratio never exceeds the highest exposure of either one.

$$g_1 * \text{LTEexposure} + g_2 * \text{NRexposure} \leq 1.0,$$

$$\text{then, } g_1 * \text{LTEexposure} + g_2 * \text{NRexposure} \leq \max (\text{LTEexposure} , \text{NRexposure})$$

In simultaneous transmission for this device, 5G NR and LTE transmission are managed and controlled by Samsung S.LSI TAS, while the RF exposure from WLAN, BT radios are managed using legacy approach, therefore, compliance of simultaneous transmission of LTE+5GNR+WiFi+BT/Thread+NFC can be justified from the compliance of LTE+WiFi+BT/Thread+NFC and 5GNR+WiFi+BT/Thread+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 as below table, each antenna group is spatially separated to others. Simultaneous transmission analysis is performed per antenna group. Below analysis demonstrates the spatial separation of AG0, AG1, AG2 and the compliance between AG0/1/2 and BT/WLAN/NFC/Thread.

For the WWAN antennas in the same antenna group, the simultaneous transmission of LTE+WiFi+BT/Thread+NFC and 5GNR+WiFi+BT/Thread+NFC is covered by Spatial TAS simultaneous transmission analysis between AG0/1/2 and BT/WLAN/NFC/Thread, therefore simultaneous transmission analysis with external radio in same antenna group is not necessary.

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.

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

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

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

F.3 Head Sim-Tx analysis
<WWAN Index 2 Close Mode>

WWAN Band	FR1 Band	Exposure Position	1	2	1+2 Summed 1g SAR (W/kg)
			WWAN1	WWAN2	
			1g SAR (W/kg)	1g SAR (W/kg)	
Ant 0	Ant 1	Right Cheek	0.540	0.523	1.063
		Right Tilted	0.180	0.622	0.802
		Left Cheek	0.257	0.609	0.866
		Left Tilted	0.225	0.595	0.820
Ant 0	Ant 2	Right Cheek	0.540	0.302	0.842
		Right Tilted	0.180	0.226	0.406
		Left Cheek	0.257	0.472	0.729
		Left Tilted	0.225	0.208	0.433
Ant 1	Ant 2	Right Cheek	0.523	0.302	0.825
		Right Tilted	0.622	0.226	0.848
		Left Cheek	0.609	0.472	1.081
		Left Tilted	0.595	0.208	0.803
Ant 1	Ant 5	Right Cheek	0.523	0.558	1.081
		Right Tilted	0.622	0.318	0.940
		Left Cheek	0.609	0.594	1.203
		Left Tilted	0.595	0.485	1.080
Ant 1	Ant 6	Right Cheek	0.523	0.510	1.033
		Right Tilted	0.622	0.166	0.788
		Left Cheek	0.609	0.203	0.812
		Left Tilted	0.595	0.202	0.797
Ant 2	Ant 5	Right Cheek	0.302	0.558	0.860
		Right Tilted	0.226	0.318	0.544
		Left Cheek	0.472	0.594	1.066
		Left Tilted	0.208	0.485	0.693
Ant 2	Ant 6	Right Cheek	0.302	0.510	0.812
		Right Tilted	0.226	0.166	0.392
		Left Cheek	0.472	0.203	0.675
		Left Tilted	0.208	0.202	0.410

**<WWAN Index 3, WLAN Index 2-1, BT Index 1 Close Mode>**

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
			WWAN1 1g SAR (W/kg)	WWAN2 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 /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)							
Ant 0	Ant 1	Right Cheek	0.540	0.435	0.075	0.521	0.529	0.299	0.056	0.284	0.287	1.050	1.496	1.504	1.274	1.330	1.558	1.561
		Right Tilted	0.180	0.521	0.063	0.749	0.649	0.388	0.077	0.367	0.351	0.764	1.450	1.350	1.089	1.166	1.456	1.440
		Left Cheek	0.257	0.493	0.105	0.540	0.575	0.302	0.089	0.279	0.302	0.855	1.290	1.325	1.052	1.141	1.331	1.354
		Left Tilted	0.225	0.495	0.052	0.651	0.602	0.349	0.046	0.344	0.336	0.772	1.371	1.322	1.069	1.115	1.413	1.405
Ant 0	Ant 2	Right Cheek	0.540	0.302	0.075	0.521	0.529	0.299	0.056	0.284	0.287	0.917	1.363	1.371	1.141	1.197	1.425	1.428
		Right Tilted	0.180	0.226	0.063	0.749	0.649	0.388	0.077	0.367	0.351	0.469	1.155	1.055	0.794	0.871	1.161	1.145
		Left Cheek	0.257	0.271	0.105	0.540	0.575	0.302	0.089	0.279	0.302	0.633	1.068	1.103	0.830	0.919	1.109	1.132
		Left Tilted	0.225	0.208	0.052	0.651	0.602	0.349	0.046	0.344	0.336	0.485	1.084	1.035	0.782	0.828	1.126	1.118
Ant 1	Ant 2	Right Cheek	0.435	0.302	0.075	0.521	0.529	0.299	0.056	0.284	0.287	0.812	1.258	1.266	1.036	1.092	1.320	1.323
		Right Tilted	0.521	0.226	0.063	0.749	0.649	0.388	0.077	0.367	0.351	0.810	1.496	1.396	1.135	1.212	1.502	1.486
		Left Cheek	0.493	0.271	0.105	0.540	0.575	0.302	0.089	0.279	0.302	0.869	1.304	1.339	1.066	1.155	1.345	1.368
		Left Tilted	0.495	0.208	0.052	0.651	0.602	0.349	0.046	0.344	0.336	0.755	1.354	1.305	1.052	1.098	1.396	1.388
Ant 1	Ant 5	Right Cheek	0.435	0.464	0.075	0.521	0.529	0.299	0.056	0.284	0.287	0.974	1.420	1.428	1.198	1.254	1.482	1.485
		Right Tilted	0.521	0.318	0.063	0.749	0.649	0.388	0.077	0.367	0.351	0.902	1.588	1.488	1.227	1.304	1.594	1.578
		Left Cheek	0.493	0.494	0.105	0.540	0.575	0.302	0.089	0.279	0.302	1.092	1.527	1.562	1.289	1.378	1.568	1.591
		Left Tilted	0.495	0.404	0.052	0.651	0.602	0.349	0.046	0.344	0.336	0.951	1.550	1.501	1.248	1.294	1.592	1.584
Ant 1	Ant 6	Right Cheek	0.435	0.510	0.075	0.521	0.529	0.299	0.056	0.284	0.287	1.020	1.466	1.474	1.244	1.300	1.528	1.531
		Right Tilted	0.521	0.166	0.063	0.749	0.649	0.388	0.077	0.367	0.351	0.750	1.436	1.336	1.075	1.152	1.442	1.426
		Left Cheek	0.493	0.203	0.105	0.540	0.575	0.302	0.089	0.279	0.302	0.801	1.236	1.271	0.998	1.087	1.277	1.300
		Left Tilted	0.495	0.202	0.052	0.651	0.602	0.349	0.046	0.344	0.336	0.749	1.348	1.299	1.046	1.092	1.390	1.382
Ant 2	Ant 5	Right Cheek	0.302	0.464	0.075	0.521	0.529	0.299	0.056	0.284	0.287	0.841	1.287	1.295	1.065	1.121	1.349	1.352
		Right Tilted	0.226	0.318	0.063	0.749	0.649	0.388	0.077	0.367	0.351	0.607	1.293	1.193	0.932	1.009	1.299	1.283
		Left Cheek	0.271	0.494	0.105	0.540	0.575	0.302	0.089	0.279	0.302	0.870	1.305	1.340	1.067	1.156	1.346	1.369
		Left Tilted	0.208	0.404	0.052	0.651	0.602	0.349	0.046	0.344	0.336	0.664	1.263	1.214	0.961	1.007	1.305	1.297
Ant 2	Ant 6	Right Cheek	0.302	0.510	0.075	0.521	0.529	0.299	0.056	0.284	0.287	0.887	1.333	1.341	1.111	1.167	1.395	1.398
		Right Tilted	0.226	0.166	0.063	0.749	0.649	0.388	0.077	0.367	0.351	0.455	1.141	1.041	0.780	0.857	1.147	1.131
		Left Cheek	0.271	0.203	0.105	0.540	0.575	0.302	0.089	0.279	0.302	0.579	1.014	1.049	0.776	0.865	1.055	1.078
		Left Tilted	0.208	0.202	0.052	0.651	0.602	0.349	0.046	0.344	0.336	0.462	1.061	1.012	0.759	0.805	1.103	1.095

<WWAN Index 3, WLAN Index 2-2 Close Mode>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)
			WWAN1 1g SAR (W/kg)	WWAN2 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)			
Ant 0	Ant 1	Right Cheek	0.540	0.435	0.075	0.260	0.150	0.299	1.349	1.534	1.424
		Right Tilted	0.180	0.521	0.063	0.334	0.200	0.388	1.152	1.423	1.289
		Left Cheek	0.257	0.493	0.105	0.274	0.178	0.302	1.157	1.326	1.230
		Left Tilted	0.225	0.495	0.052	0.318	0.179	0.349	1.121	1.387	1.248
Ant 0	Ant 2	Right Cheek	0.540	0.302	0.075	0.260	0.150	0.299	1.216	1.401	1.291
		Right Tilted	0.180	0.226	0.063	0.334	0.200	0.388	0.857	1.128	0.994
		Left Cheek	0.257	0.271	0.105	0.274	0.178	0.302	0.935	1.104	1.008
		Left Tilted	0.225	0.208	0.052	0.318	0.179	0.349	0.834	1.100	0.961
Ant 1	Ant 2	Right Cheek	0.435	0.302	0.075	0.260	0.150	0.299	1.111	1.296	1.186
		Right Tilted	0.521	0.226	0.063	0.334	0.200	0.388	1.198	1.469	1.335
		Left Cheek	0.493	0.271	0.105	0.274	0.178	0.302	1.171	1.340	1.244
		Left Tilted	0.495	0.208	0.052	0.318	0.179	0.349	1.104	1.370	1.231
Ant 1	Ant 5	Right Cheek	0.435	0.464	0.075	0.260	0.150	0.299	1.273	1.458	1.348
		Right Tilted	0.521	0.318	0.063	0.334	0.200	0.388	1.290	1.561	1.427
		Left Cheek	0.493	0.494	0.105	0.274	0.178	0.302	1.394	1.563	1.467
		Left Tilted	0.495	0.404	0.052	0.318	0.179	0.349	1.300	1.566	1.427
Ant 1	Ant 6	Right Cheek	0.435	0.510	0.075	0.260	0.150	0.299	1.319	1.504	1.394
		Right Tilted	0.521	0.166	0.063	0.334	0.200	0.388	1.138	1.409	1.275
		Left Cheek	0.493	0.203	0.105	0.274	0.178	0.302	1.103	1.272	1.176
		Left Tilted	0.495	0.202	0.052	0.318	0.179	0.349	1.098	1.364	1.225
Ant 2	Ant 5	Right Cheek	0.302	0.464	0.075	0.260	0.150	0.299	1.140	1.325	1.215
		Right Tilted	0.226	0.318	0.063	0.334	0.200	0.388	0.995	1.266	1.132
		Left Cheek	0.271	0.494	0.105	0.274	0.178	0.302	1.172	1.341	1.245
		Left Tilted	0.208	0.404	0.052	0.318	0.179	0.349	1.013	1.279	1.140
Ant 2	Ant 6	Right Cheek	0.302	0.510	0.075	0.260	0.150	0.299	1.186	1.371	1.261
		Right Tilted	0.226	0.166	0.063	0.334	0.200	0.388	0.843	1.114	0.980
		Left Cheek	0.271	0.203	0.105	0.274	0.178	0.302	0.881	1.050	0.954
		Left Tilted	0.208	0.202	0.052	0.318	0.179	0.349	0.811	1.077	0.938

<WWAN Index 7, WLAN Index 5-1, BT Index 5 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
WWAN	WWAN	Position	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Bluetooth /Thread Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	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	Ant 1	Right Cheek	0.290	0.829	0.129	0.269	0.268	0.163	0.183	0.129	0.144	1.248	1.388	1.387	1.465	1.411	1.426
		Right Tilted	0.331	0.826	0.001	0.225	0.229	0.199	0.037	0.110	0.133	1.158	1.382	1.386	1.393	1.466	1.489
		Left Cheek	0.468	0.423	0.001	0.358	0.263	0.166	0.124	0.154	0.166	0.892	1.249	1.154	1.181	1.211	1.223
		Left Tilted	0.269	0.570	0.001	0.389	0.369	0.198	0.035	0.160	0.189	0.840	1.228	1.208	1.072	1.197	1.226
Ant 0	Ant 2	Right Cheek	0.290	0.167	0.129	0.269	0.268	0.163	0.183	0.129	0.144	0.586	0.726	0.725	0.803	0.749	0.764
		Right Tilted	0.331	0.144	0.001	0.225	0.229	0.199	0.037	0.110	0.133	0.476	0.700	0.704	0.711	0.784	0.807
		Left Cheek	0.468	0.262	0.001	0.358	0.263	0.166	0.124	0.154	0.166	0.731	1.088	0.993	1.020	1.050	1.062
		Left Tilted	0.269	0.164	0.001	0.389	0.369	0.198	0.035	0.160	0.189	0.434	0.822	0.802	0.666	0.791	0.820
Ant 1	Ant 2	Right Cheek	0.829	0.167	0.129	0.269	0.268	0.163	0.183	0.129	0.144	1.125	1.265	1.264	1.342	1.288	1.303
		Right Tilted	0.826	0.144	0.001	0.225	0.229	0.199	0.037	0.110	0.133	0.971	1.195	1.199	1.206	1.279	1.302
		Left Cheek	0.423	0.262	0.001	0.358	0.263	0.166	0.124	0.154	0.166	0.686	1.043	0.948	0.975	1.005	1.017
		Left Tilted	0.570	0.164	0.001	0.389	0.369	0.198	0.035	0.160	0.189	0.735	1.123	1.103	0.967	1.092	1.121
Ant 1	Ant 5	Right Cheek	0.829	0.380	0.129	0.269	0.268	0.163	0.183	0.129	0.144	1.338	1.478	1.477	1.555	1.501	1.516
		Right Tilted	0.826	0.109	0.001	0.225	0.229	0.199	0.037	0.110	0.133	0.936	1.160	1.164	1.171	1.244	1.267
		Left Cheek	0.423	0.813	0.001	0.358	0.263	0.166	0.124	0.154	0.166	1.237	1.594	1.499	1.526	1.556	1.568
		Left Tilted	0.570	0.117	0.001	0.389	0.369	0.198	0.035	0.160	0.189	0.688	1.076	1.056	0.920	1.045	1.074
Ant 1	Ant 6	Right Cheek	0.829	0.123	0.129	0.269	0.268	0.163	0.183	0.129	0.144	1.081	1.221	1.220	1.298	1.244	1.259
		Right Tilted	0.826	0.119	0.001	0.225	0.229	0.199	0.037	0.110	0.133	0.946	1.170	1.174	1.181	1.254	1.277
		Left Cheek	0.423	0.231	0.001	0.358	0.263	0.166	0.124	0.154	0.166	0.655	1.012	0.917	0.944	0.974	0.986
		Left Tilted	0.570	0.087	0.001	0.389	0.369	0.198	0.035	0.160	0.189	0.658	1.046	1.026	0.890	1.015	1.044
Ant 2	Ant 5	Right Cheek	0.167	0.380	0.129	0.269	0.268	0.163	0.183	0.129	0.144	0.676	0.816	0.815	0.893	0.839	0.854
		Right Tilted	0.144	0.109	0.001	0.225	0.229	0.199	0.037	0.110	0.133	0.254	0.478	0.482	0.489	0.562	0.585
		Left Cheek	0.262	0.813	0.001	0.358	0.263	0.166	0.124	0.154	0.166	1.076	1.433	1.338	1.365	1.395	1.407
		Left Tilted	0.164	0.117	0.001	0.389	0.369	0.198	0.035	0.160	0.189	0.282	0.670	0.650	0.514	0.639	0.668
Ant 2	Ant 6	Right Cheek	0.167	0.123	0.129	0.269	0.268	0.163	0.183	0.129	0.144	0.419	0.559	0.558	0.636	0.582	0.597
		Right Tilted	0.144	0.119	0.001	0.225	0.229	0.199	0.037	0.110	0.133	0.264	0.488	0.492	0.499	0.572	0.595
		Left Cheek	0.262	0.231	0.001	0.358	0.263	0.166	0.124	0.154	0.166	0.494	0.851	0.756	0.783	0.813	0.825
		Left Tilted	0.164	0.087	0.001	0.389	0.369	0.198	0.035	0.160	0.189	0.252	0.640	0.620	0.484	0.609	0.638

<WWAN Index 7, WLAN Index 5-2 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)
			WWAN	WWAN	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4			
			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	Ant 1	Right Cheek	0.290	0.829	0.129	0.137	0.140	0.163	1.411	1.419	1.422
		Right Tilted	0.331	0.826	0.001	0.115	0.120	0.199	1.357	1.471	1.476
		Left Cheek	0.468	0.423	0.001	0.182	0.138	0.166	1.058	1.239	1.195
		Left Tilted	0.269	0.570	0.001	0.198	0.193	0.198	1.038	1.235	1.230
Ant 0	Ant 2	Right Cheek	0.290	0.167	0.129	0.137	0.140	0.163	0.749	0.757	0.760
		Right Tilted	0.331	0.144	0.001	0.115	0.120	0.199	0.675	0.789	0.794
		Left Cheek	0.468	0.262	0.001	0.182	0.138	0.166	0.897	1.078	1.034
		Left Tilted	0.269	0.164	0.001	0.198	0.193	0.198	0.632	0.829	0.824
Ant 1	Ant 2	Right Cheek	0.829	0.167	0.129	0.137	0.140	0.163	1.288	1.296	1.299
		Right Tilted	0.826	0.144	0.001	0.115	0.120	0.199	1.170	1.284	1.289
		Left Cheek	0.423	0.262	0.001	0.182	0.138	0.166	0.852	1.033	0.989
		Left Tilted	0.570	0.164	0.001	0.198	0.193	0.198	0.933	1.130	1.125
Ant 1	Ant 5	Right Cheek	0.829	0.380	0.129	0.137	0.140	0.163	1.501	1.509	1.512
		Right Tilted	0.826	0.109	0.001	0.115	0.120	0.199	1.135	1.249	1.254
		Left Cheek	0.423	0.813	0.001	0.182	0.138	0.166	1.403	1.584	1.540
		Left Tilted	0.570	0.117	0.001	0.198	0.193	0.198	0.886	1.083	1.078
Ant 1	Ant 6	Right Cheek	0.829	0.123	0.129	0.137	0.140	0.163	1.244	1.252	1.255
		Right Tilted	0.826	0.119	0.001	0.115	0.120	0.199	1.145	1.259	1.264
		Left Cheek	0.423	0.231	0.001	0.182	0.138	0.166	0.821	1.002	0.958
		Left Tilted	0.570	0.087	0.001	0.198	0.193	0.198	0.856	1.053	1.048
Ant 2	Ant 5	Right Cheek	0.167	0.380	0.129	0.137	0.140	0.163	0.839	0.847	0.850
		Right Tilted	0.144	0.109	0.001	0.115	0.120	0.199	0.453	0.567	0.572
		Left Cheek	0.262	0.813	0.001	0.182	0.138	0.166	1.242	1.423	1.379
		Left Tilted	0.164	0.117	0.001	0.198	0.193	0.198	0.480	0.677	0.672
Ant 2	Ant 6	Right Cheek	0.167	0.123	0.129	0.137	0.140	0.163	0.582	0.590	0.593
		Right Tilted	0.144	0.119	0.001	0.115	0.120	0.199	0.463	0.577	0.582
		Left Cheek	0.262	0.231	0.001	0.182	0.138	0.166	0.660	0.841	0.797
		Left Tilted	0.164	0.087	0.001	0.198	0.193	0.198	0.450	0.647	0.642

<WWAN Index 7, BT Index 5 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	7	8	9	1+2+7 Summed 1g SAR (W/kg)	1+2+8 Summed 1g SAR (W/kg)	1+2+9 Summed 1g SAR (W/kg)
			WWAN	WWAN	Bluetooth /Thread Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4			
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Ant 0	Ant 1	Right Cheek	0.290	0.829	0.183	0.129	0.144	1.302	1.248	1.263
		Right Tilted	0.331	0.826	0.037	0.110	0.133	1.194	1.267	1.290
		Left Cheek	0.468	0.423	0.124	0.154	0.166	1.015	1.045	1.057
		Left Tilted	0.269	0.570	0.035	0.160	0.189	0.874	0.999	1.028
Ant 0	Ant 2	Right Cheek	0.290	0.167	0.183	0.129	0.144	0.640	0.586	0.601
		Right Tilted	0.331	0.144	0.037	0.110	0.133	0.512	0.585	0.608
		Left Cheek	0.468	0.262	0.124	0.154	0.166	0.854	0.884	0.896
		Left Tilted	0.269	0.164	0.035	0.160	0.189	0.468	0.593	0.622
Ant 1	Ant 2	Right Cheek	0.829	0.167	0.183	0.129	0.144	1.179	1.125	1.140
		Right Tilted	0.826	0.144	0.037	0.110	0.133	1.007	1.080	1.103
		Left Cheek	0.423	0.262	0.124	0.154	0.166	0.809	0.839	0.851
		Left Tilted	0.570	0.164	0.035	0.160	0.189	0.769	0.894	0.923
Ant 1	Ant 5	Right Cheek	0.829	0.380	0.183	0.129	0.144	1.392	1.338	1.353
		Right Tilted	0.826	0.109	0.037	0.110	0.133	0.972	1.045	1.068
		Left Cheek	0.423	0.813	0.124	0.154	0.166	1.360	1.390	1.402
		Left Tilted	0.570	0.117	0.035	0.160	0.189	0.722	0.847	0.876
Ant 1	Ant 6	Right Cheek	0.829	0.123	0.183	0.129	0.144	1.135	1.081	1.096
		Right Tilted	0.826	0.119	0.037	0.110	0.133	0.982	1.055	1.078
		Left Cheek	0.423	0.231	0.124	0.154	0.166	0.778	0.808	0.820
		Left Tilted	0.570	0.087	0.035	0.160	0.189	0.692	0.817	0.846
Ant 2	Ant 5	Right Cheek	0.167	0.380	0.183	0.129	0.144	0.730	0.676	0.691
		Right Tilted	0.144	0.109	0.037	0.110	0.133	0.290	0.363	0.386
		Left Cheek	0.262	0.813	0.124	0.154	0.166	1.199	1.229	1.241
		Left Tilted	0.164	0.117	0.035	0.160	0.189	0.316	0.441	0.470
Ant 2	Ant 6	Right Cheek	0.167	0.123	0.183	0.129	0.144	0.473	0.419	0.434
		Right Tilted	0.144	0.119	0.037	0.110	0.133	0.300	0.373	0.396
		Left Cheek	0.262	0.231	0.124	0.154	0.166	0.617	0.647	0.659
		Left Tilted	0.164	0.087	0.035	0.160	0.189	0.286	0.411	0.440

<WLAN Index 1-1, BT Index 1 Close Mode>

Exposure Position	3	4	5	6	7	8	9	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 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 /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)			
Right Cheek	0.075	0.740	0.529	1.045	0.056	0.284	0.287	1.101	1.329	1.332
Right Tilted	0.063	1.053	0.649	1.158	0.077	0.367	0.351	1.235	1.525	1.509
Left Cheek	0.105	0.767	0.575	0.887	0.089	0.279	0.302	0.976	1.166	1.189
Left Tilted	0.052	1.038	0.602	1.044	0.046	0.344	0.336	1.090	1.388	1.380

<WLAN Index 1-2 Close Mode>

Exposure Position	3	4	5	6	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 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)			
Right Cheek	0.075	0.521	0.529	0.751	0.826	1.272	1.280
Right Tilted	0.063	0.749	0.649	0.798	0.861	1.547	1.447
Left Cheek	0.105	0.540	0.575	0.609	0.714	1.149	1.184
Left Tilted	0.052	0.651	0.602	0.717	0.769	1.368	1.319



F.4 Hotspot Sim-Tx analysis

<WWAN Index 4, WLAN Index 4-1, BT Index 2 Close Mode>

WWAN Band	FR1 Band	Exposure Position	1 WWAN1 1g SAR (W/kg)	2 WWAN2 1g SAR (W/kg)	3 WLAN2.4GHz Ant 3 1g SAR (W/kg)	4 WLAN2.4GHz Ant 4 1g SAR (W/kg)	5 WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	6 WLAN5GHz Ant 3+4 1g SAR (W/kg)	7 Bluetooth /Thread Ant 3 1g SAR (W/kg)	8 Bluetooth Ant 4 1g SAR (W/kg)	9 Bluetooth Ant 3+4 1g SAR (W/kg)	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)	SPLSR	Case No
Ant 0	Ant 1	Front	0.524	0.604	0.001	0.528	0.528	0.085	0.001	0.211	0.242	1.129	1.656	1.656	1.213	1.214	1.424	1.455	0.02	Case 1
		Back	0.655	0.496	0.081	0.438	0.427	0.280	0.110	0.255	0.332	1.232	1.589	1.578	1.431	1.541	1.686	1.763	0.03	Case 2
		Left side			0.001	0.001	0.001	0.064	0.001	0.001	0.001	0.001	0.001	0.001	0.064	0.065	0.065	0.065		
		Right side	0.824	0.547	0.074	0.043	0.223	0.063	0.099	0.001	0.056	1.445	1.414	1.594	1.434	1.533	1.435	1.490		
		Top side		0.760	0.001	0.708	0.740	0.296	0.001	0.355	0.235	0.761	1.468	1.500	1.056	1.057	1.411	1.291		
		Bottom side	0.486									0.486	0.486	0.486	0.486	0.486	0.486	0.486		
Ant 0	Ant 2	Front	0.524	0.327	0.001	0.528	0.528	0.085	0.001	0.211	0.242	0.852	1.379	1.379	0.936	0.937	1.147	1.178		
		Back	0.655	0.581	0.081	0.438	0.427	0.280	0.110	0.255	0.332	1.317	1.674	1.663	1.516	1.626	1.771	1.848	0.03	Case 3
		Left side		0.112	0.001	0.001	0.001	0.064	0.001	0.001	0.001	0.113	0.113	0.113	0.176	0.177	0.177	0.177		
		Right side	0.824	0.184	0.074	0.043	0.223	0.063	0.099	0.001	0.056	1.082	1.051	1.231	1.071	1.170	1.072	1.127		
		Top side			0.001	0.708	0.740	0.296	0.001	0.355	0.235	0.001	0.708	0.740	0.296	0.297	0.651	0.531		
		Bottom side	0.486	0.830								1.316	1.316	1.316	1.316	1.316	1.316	1.316		
Ant 1	Ant 2	Front	0.604	0.327	0.001	0.528	0.528	0.085	0.001	0.211	0.242	0.932	1.459	1.459	1.016	1.017	1.227	1.258		
		Back	0.496	0.581	0.081	0.438	0.427	0.280	0.110	0.255	0.332	1.158	1.515	1.504	1.357	1.467	1.612	1.689	0.02	Case 4
		Left side		0.112	0.001	0.001	0.001	0.064	0.001	0.001	0.001	0.113	0.113	0.113	0.176	0.177	0.177	0.177		
		Right side	0.547	0.184	0.074	0.043	0.223	0.063	0.099	0.001	0.056	0.805	0.774	0.954	0.794	0.893	0.795	0.850		
		Top side	0.760		0.001	0.708	0.740	0.296	0.001	0.355	0.235	0.761	1.468	1.500	1.056	1.057	1.411	1.291		
		Bottom side		0.830								0.830	0.830	0.830	0.830	0.830	0.830	0.830		
Ant 1	Ant 5	Front	0.604	0.285	0.001	0.528	0.528	0.085	0.001	0.211	0.242	0.890	1.417	1.417	0.974	0.975	1.185	1.216		
		Back	0.496	0.486	0.081	0.438	0.427	0.280	0.110	0.255	0.332	1.063	1.420	1.409	1.262	1.372	1.517	1.594		
		Left side			0.001	0.001	0.001	0.064	0.001	0.001	0.001	0.001	0.001	0.001	0.064	0.065	0.065	0.065		
		Right side	0.547	0.246	0.074	0.043	0.223	0.063	0.099	0.001	0.056	0.867	0.836	1.016	0.856	0.955	0.857	0.912		
		Top side	0.760		0.001	0.708	0.740	0.296	0.001	0.355	0.235	0.761	1.468	1.500	1.056	1.057	1.411	1.291		
		Bottom side										0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Ant 1	Ant 6	Front	0.604	0.400	0.001	0.528	0.528	0.085	0.001	0.211	0.242	1.005	1.532	1.532	1.089	1.090	1.300	1.331		
		Back	0.496	0.535	0.081	0.438	0.427	0.280	0.110	0.255	0.332	1.112	1.469	1.458	1.311	1.421	1.566	1.643	0.04	Case 5
		Left side			0.001	0.001	0.001	0.064	0.001	0.001	0.001	0.001	0.001	0.001	0.064	0.065	0.065	0.065		
		Right side	0.547	0.433	0.074	0.043	0.223	0.063	0.099	0.001	0.056	1.054	1.023	1.203	1.043	1.142	1.044	1.099		
		Top side	0.760		0.001	0.708	0.740	0.296	0.001	0.355	0.235	0.761	1.468	1.500	1.056	1.057	1.411	1.291		
		Bottom side		0.508								0.508	0.508	0.508	0.508	0.508	0.508	0.508		
Ant 2	Ant 5	Front	0.327	0.285	0.001	0.528	0.528	0.085	0.001	0.211	0.242	0.613	1.140	1.140	0.697	0.698	0.908	0.939		
		Back	0.581	0.486	0.081	0.438	0.427	0.280	0.110	0.255	0.332	1.148	1.505	1.494	1.347	1.457	1.602	1.679	0.03	Case 6
		Left side	0.112		0.001	0.001	0.001	0.064	0.001	0.001	0.001	0.113	0.113	0.113	0.176	0.177	0.177	0.177		
		Right side	0.184	0.246	0.074	0.043	0.223	0.063	0.099	0.001	0.056	0.504	0.473	0.653	0.493	0.592	0.494	0.549		
		Top side			0.001	0.708	0.740	0.296	0.001	0.355	0.235	0.001	0.708	0.740	0.296	0.297	0.651	0.531		
		Bottom side	0.830									0.830	0.830	0.830	0.830	0.830	0.830	0.830		
Ant 2	Ant 6	Front	0.327	0.400	0.001	0.528	0.528	0.085	0.001	0.211	0.242	0.728	1.255	1.255	0.812	0.813	1.023	1.054		
		Back	0.581	0.535	0.081	0.438	0.427	0.280	0.110	0.255	0.332	1.197	1.554	1.543	1.396	1.506	1.651	1.728	0.04	Case 7
		Left side	0.112		0.001	0.001	0.001	0.064	0.001	0.001	0.001	0.113	0.113	0.113	0.176	0.177	0.177	0.177		
		Right side	0.184	0.433	0.074	0.043	0.223	0.063	0.099	0.001	0.056	0.691	0.660	0.840	0.680	0.779	0.681	0.736		
		Top side			0.001	0.708	0.740	0.296	0.001	0.355	0.235	0.001	0.708	0.740	0.296	0.297	0.651	0.531		
		Bottom side	0.830	0.508								1.338	1.338	1.338	1.338	1.338	1.338	1.338		

<WWAN Index 4, WLAN Index 4-2 Close Mode>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN1 1g SAR (W/kg)	WWAN2 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)	WLAN5GHz Ant 3+4 1g SAR (W/kg)					
Ant 0	Ant 1	Front	0.524	0.604	0.001	0.255	0.232	0.085	1.214	1.468	1.445		
		Back	0.655	0.496	0.033	0.196	0.150	0.280	1.464	1.627	1.581	0.03	Case 2
		Left side			0.001	0.001	0.001	0.064	0.065	0.065	0.065		
		Right side	0.824	0.547	0.029	0.013	0.076	0.063	1.463	1.447	1.510		
		Top side		0.760	0.001	0.341	0.327	0.296	1.057	1.397	1.383		
		Bottom side	0.486						0.486	0.486	0.486		
Ant 0	Ant 2	Front	0.524	0.327	0.001	0.255	0.232	0.085	0.937	1.191	1.168		
		Back	0.655	0.581	0.033	0.196	0.150	0.280	1.549	1.712	1.666	0.03	Case 3
		Left side		0.112	0.001	0.001	0.001	0.064	0.177	0.177	0.177		
		Right side	0.824	0.184	0.029	0.013	0.076	0.063	1.100	1.084	1.147		
		Top side			0.001	0.341	0.327	0.296	0.297	0.637	0.623		
		Bottom side	0.486	0.830					1.316	1.316	1.316		
Ant 1	Ant 2	Front	0.604	0.327	0.001	0.255	0.232	0.085	1.017	1.271	1.248		
		Back	0.496	0.581	0.033	0.196	0.150	0.280	1.390	1.553	1.507		
		Left side		0.112	0.001	0.001	0.001	0.064	0.177	0.177	0.177		
		Right side	0.547	0.184	0.029	0.013	0.076	0.063	0.823	0.807	0.870		
		Top side	0.760		0.001	0.341	0.327	0.296	1.057	1.397	1.383		
		Bottom side		0.830					0.830	0.830	0.830		
Ant 1	Ant 5	Front	0.604	0.285	0.001	0.255	0.232	0.085	0.975	1.229	1.206		
		Back	0.496	0.486	0.033	0.196	0.150	0.280	1.295	1.458	1.412		
		Left side			0.001	0.001	0.001	0.064	0.065	0.065	0.065		
		Right side	0.547	0.246	0.029	0.013	0.076	0.063	0.885	0.869	0.932		
		Top side	0.760		0.001	0.341	0.327	0.296	1.057	1.397	1.383		
		Bottom side							0.000	0.000	0.000		
Ant 1	Ant 6	Front	0.604	0.400	0.001	0.255	0.232	0.085	1.090	1.344	1.321		
		Back	0.496	0.535	0.033	0.196	0.150	0.280	1.344	1.507	1.461		
		Left side			0.001	0.001	0.001	0.064	0.065	0.065	0.065		
		Right side	0.547	0.433	0.029	0.013	0.076	0.063	1.072	1.056	1.119		
		Top side	0.760		0.001	0.341	0.327	0.296	1.057	1.397	1.383		
		Bottom side		0.508					0.508	0.508	0.508		
Ant 2	Ant 5	Front	0.327	0.285	0.001	0.255	0.232	0.085	0.698	0.952	0.929		
		Back	0.581	0.486	0.033	0.196	0.150	0.280	1.380	1.543	1.497		
		Left side	0.112		0.001	0.001	0.001	0.064	0.177	0.177	0.177		
		Right side	0.184	0.246	0.029	0.013	0.076	0.063	0.522	0.506	0.569		
		Top side			0.001	0.341	0.327	0.296	0.297	0.637	0.623		
		Bottom side	0.830						0.830	0.830	0.830		
Ant 2	Ant 6	Front	0.327	0.400	0.001	0.255	0.232	0.085	0.813	1.067	1.044		
		Back	0.581	0.535	0.033	0.196	0.150	0.280	1.429	1.592	1.546		
		Left side	0.112		0.001	0.001	0.001	0.064	0.177	0.177	0.177		
		Right side	0.184	0.433	0.029	0.013	0.076	0.063	0.709	0.693	0.756		
		Top side			0.001	0.341	0.327	0.296	0.297	0.637	0.623		
		Bottom side	0.830	0.508					1.338	1.338	1.338		



<WWAN Index 9, WLAN Index 9-1, BT Index 6 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN 1g SAR (W/kg)	WWAN 1g SAR (W/kg)	WLAN 2.4GHz Ant 3 1g SAR (W/kg)	WLAN 2.4GHz Ant 4 1g SAR (W/kg)	WLAN 2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN 5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)								
Ant 0	Ant 1	Front	0.641	0.416	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.382	1.643	1.818	1.769	1.768	1.769	0.04	Case 15
		Back	0.474	0.397	0.228	0.342	0.441	0.211	0.198	0.216	0.200	1.099	1.213	1.312	1.280	1.298	1.282		
		Right side	0.776	0.359	0.457	0.038	0.347	0.107	0.258	0.024	0.115	1.592	1.173	1.482	1.500	1.266	1.357		
		Top side		0.638	0.129	0.365	0.491	0.366	0.057	0.171	0.220	0.767	1.003	1.129	1.061	1.175	1.224		
		Bottom side	0.513									0.513	0.513	0.513	0.513	0.513	0.513		
Ant 0	Ant 2	Front	0.641	0.629	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.595	1.856	2.031	1.982	1.981	1.982	0.04	Case 16
		Back	0.474	0.559	0.228	0.342	0.441	0.211	0.198	0.216	0.200	1.261	1.375	1.474	1.442	1.460	1.444		
		Right side	0.776	0.170	0.457	0.038	0.347	0.107	0.258	0.024	0.115	1.403	0.984	1.293	1.311	1.077	1.168		
		Top side	0.513	0.830								1.343	1.343	1.343	1.343	1.343	1.343		
		Bottom side																	
Ant 1	Ant 2	Front	0.416	0.629	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.370	1.631	1.806	1.757	1.756	1.757	0.03	Case 17
		Back	0.397	0.559	0.228	0.342	0.441	0.211	0.198	0.216	0.200	1.184	1.298	1.397	1.365	1.383	1.367		
		Right side	0.359	0.170	0.457	0.038	0.347	0.107	0.258	0.024	0.115	0.986	0.567	0.876	0.894	0.660	0.751		
		Top side	0.638		0.129	0.365	0.491	0.366	0.057	0.171	0.220	0.767	1.003	1.129	1.061	1.175	1.224		
		Bottom side		0.830								0.830	0.830	0.830	0.830	0.830	0.830		
Ant 1	Ant 5	Front	0.416	0.417	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.158	1.419	1.594	1.545	1.544	1.545		
		Back	0.397	0.428	0.228	0.342	0.441	0.211	0.198	0.216	0.200	1.053	1.167	1.266	1.234	1.252	1.236		
		Right side	0.359	0.218	0.457	0.038	0.347	0.107	0.258	0.024	0.115	1.034	0.615	0.924	0.942	0.708	0.799		
		Top side	0.638		0.129	0.365	0.491	0.366	0.057	0.171	0.220	0.767	1.003	1.129	1.061	1.175	1.224		
		Bottom side																	
Ant 1	Ant 6	Front	0.416	0.482	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.223	1.484	1.659	1.610	1.609	1.610	0.04	Case 18
		Back	0.397	0.530	0.228	0.342	0.441	0.211	0.198	0.216	0.200	1.155	1.269	1.368	1.336	1.354	1.338		
		Right side	0.359	0.205	0.457	0.038	0.347	0.107	0.258	0.024	0.115	1.021	0.602	0.911	0.929	0.695	0.786		
		Top side	0.638		0.129	0.365	0.491	0.366	0.057	0.171	0.220	0.767	1.003	1.129	1.061	1.175	1.224		
		Bottom side		0.272								0.272	0.272	0.272	0.272	0.272	0.272		
Ant 2	Ant 5	Front	0.629	0.417	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.371	1.632	1.807	1.758	1.757	1.758	0.04	Case 19
		Back	0.559	0.428	0.228	0.342	0.441	0.211	0.198	0.216	0.200	1.215	1.329	1.428	1.396	1.414	1.398		
		Right side	0.170	0.218	0.457	0.038	0.347	0.107	0.258	0.024	0.115	0.845	0.426	0.735	0.753	0.519	0.610		
		Top side	0.830									0.830	0.830	0.830	0.830	0.830	0.830		
		Bottom side																	
Ant 2	Ant 6	Front	0.629	0.482	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.436	1.697	1.872	1.823	1.822	1.823	0.03	Case 20
		Back	0.559	0.530	0.228	0.342	0.441	0.211	0.198	0.216	0.200	1.317	1.431	1.530	1.498	1.516	1.500		
		Right side	0.170	0.205	0.457	0.038	0.347	0.107	0.258	0.024	0.115	0.832	0.413	0.722	0.740	0.506	0.597		
		Top side	0.830	0.272								1.102	1.102	1.102	1.102	1.102	1.102		
		Bottom side																	

<WWAN Index 9, WLAN Index 9-2 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN 1g SAR (W/kg)	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)	WLAN5GHz Ant 3+4 1g SAR (W/kg)					
Ant 0	Ant 1	Front	0.641	0.416	0.154	0.288	0.359	0.345	1.556	1.690	1.761	0.04	Case 15
		Back	0.474	0.397	0.112	0.157	0.203	0.211	1.194	1.239	1.285		
		Right side	0.776	0.359	0.201	0.014	0.175	0.107	1.443	1.256	1.417		
		Top side		0.638	0.053	0.174	0.236	0.366	1.057	1.178	1.240		
		Bottom side	0.513						0.513	0.513	0.513		
Ant 0	Ant 2	Front	0.641	0.629	0.154	0.288	0.359	0.345	1.769	1.903	1.974	0.04	Case 16
		Back	0.474	0.559	0.112	0.157	0.203	0.211	1.356	1.401	1.447		
		Right side	0.776	0.170	0.201	0.014	0.175	0.107	1.254	1.067	1.228		
		Bottom side	0.513	0.830					1.343	1.343	1.343		
Ant 1	Ant 2	Front	0.416	0.629	0.154	0.288	0.359	0.345	1.544	1.678	1.749	0.03	Case 17
		Back	0.397	0.559	0.112	0.157	0.203	0.211	1.279	1.324	1.370		
		Right side	0.359	0.170	0.201	0.014	0.175	0.107	0.837	0.650	0.811		
		Top side	0.638		0.053	0.174	0.236	0.366	1.057	1.178	1.240		
		Bottom side		0.830					0.830	0.830	0.830		
Ant 1	Ant 5	Front	0.416	0.417	0.154	0.288	0.359	0.345	1.332	1.466	1.537		
		Back	0.397	0.428	0.112	0.157	0.203	0.211	1.148	1.193	1.239		
		Right side	0.359	0.218	0.201	0.014	0.175	0.107	0.885	0.698	0.859		
		Top side	0.638		0.053	0.174	0.236	0.366	1.057	1.178	1.240		
Ant 1	Ant 6	Front	0.416	0.482	0.154	0.288	0.359	0.345	1.397	1.531	1.602	0.04	Case 18
		Back	0.397	0.530	0.112	0.157	0.203	0.211	1.250	1.295	1.341		
		Right side	0.359	0.205	0.201	0.014	0.175	0.107	0.872	0.685	0.846		
		Top side	0.638		0.053	0.174	0.236	0.366	1.057	1.178	1.240		
		Bottom side		0.272					0.272	0.272	0.272		
Ant 2	Ant 5	Front	0.629	0.417	0.154	0.288	0.359	0.345	1.545	1.679	1.750	0.04	Case 19
		Back	0.559	0.428	0.112	0.157	0.203	0.211	1.310	1.355	1.401		
		Right side	0.170	0.218	0.201	0.014	0.175	0.107	0.696	0.509	0.670		
		Bottom side	0.830						0.830	0.830	0.830		
Ant 2	Ant 6	Front	0.629	0.482	0.154	0.288	0.359	0.345	1.610	1.744	1.815	0.03	Case 20
		Back	0.559	0.530	0.112	0.157	0.203	0.211	1.412	1.457	1.503		
		Right side	0.170	0.205	0.201	0.014	0.175	0.107	0.683	0.496	0.657		
		Bottom side	0.830	0.272					1.102	1.102	1.102		

<WWAN Index 9, BT Index 6 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	7	8	9	1+2+7 Summed 1g SAR (W/kg)	1+2+8 Summed 1g SAR (W/kg)	1+2+9 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN 1g SAR (W/kg)	WWAN 1g SAR (W/kg)	Bluetooth /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)					
Ant 0	Ant 1	Front	0.641	0.416	0.367	0.366	0.367	1.424	1.423	1.424		
		Back	0.474	0.397	0.198	0.216	0.200	1.069	1.087	1.071		
		Right side	0.776	0.359	0.258	0.024	0.115	1.393	1.159	1.250		
		Top side		0.638	0.057	0.171	0.220	0.695	0.809	0.858		
		Bottom side	0.513					0.513	0.513	0.513		
Ant 0	Ant 2	Front	0.641	0.629	0.367	0.366	0.367	1.637	1.636	1.637	0.04	Case 16
		Back	0.474	0.559	0.198	0.216	0.200	1.231	1.249	1.233		
		Right side	0.776	0.170	0.258	0.024	0.115	1.204	0.970	1.061		
		Bottom side	0.513	0.830				1.343	1.343	1.343		
Ant 1	Ant 2	Front	0.416	0.629	0.367	0.366	0.367	1.412	1.411	1.412		
		Back	0.397	0.559	0.198	0.216	0.200	1.154	1.172	1.156		
		Right side	0.359	0.170	0.258	0.024	0.115	0.787	0.553	0.644		
		Top side	0.638		0.057	0.171	0.220	0.695	0.809	0.858		
		Bottom side		0.830				0.830	0.830	0.830		
Ant 1	Ant 5	Front	0.416	0.417	0.367	0.366	0.367	1.200	1.199	1.200		
		Back	0.397	0.428	0.198	0.216	0.200	1.023	1.041	1.025		
		Right side	0.359	0.218	0.258	0.024	0.115	0.835	0.601	0.692		
		Top side	0.638		0.057	0.171	0.220	0.695	0.809	0.858		
Ant 1	Ant 6	Front	0.416	0.482	0.367	0.366	0.367	1.265	1.264	1.265		
		Back	0.397	0.530	0.198	0.216	0.200	1.125	1.143	1.127		
		Right side	0.359	0.205	0.258	0.024	0.115	0.822	0.588	0.679		
		Top side	0.638		0.057	0.171	0.220	0.695	0.809	0.858		
		Bottom side		0.272				0.272	0.272	0.272		
Ant 2	Ant 5	Front	0.629	0.417	0.367	0.366	0.367	1.413	1.412	1.413		
		Back	0.559	0.428	0.198	0.216	0.200	1.185	1.203	1.187		
		Right side	0.170	0.218	0.258	0.024	0.115	0.646	0.412	0.503		
		Bottom side	0.830					0.830	0.830	0.830		
Ant 2	Ant 6	Front	0.629	0.482	0.367	0.366	0.367	1.478	1.477	1.478		
		Back	0.559	0.530	0.198	0.216	0.200	1.287	1.305	1.289		
		Right side	0.170	0.205	0.258	0.024	0.115	0.633	0.399	0.490		
		Bottom side	0.830	0.272				1.102	1.102	1.102		

<WLAN Index 3-1, BT Index 3 Close Mode>

Exposure Position	3	4	5	6	7	8	9	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 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)	WLAN5GHz Ant 3+4 1g SAR (W/kg)	Bluetooth /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)			
Front	0.001	0.772	0.773	0.203	0.001	0.310	0.241	0.204	0.513	0.444
Back	0.118	0.624	0.623	0.590	0.110	0.374	0.473	0.700	0.964	1.063
Left side	0.001	0.001	0.001	0.141	0.001	0.001	0.001	0.142	0.142	0.142
Right side	0.112	0.062	0.270	0.132	0.099	0.001	0.096	0.231	0.133	0.228
Top side	0.001	1.065	1.082	0.797	0.001	0.588	0.379	0.798	1.385	1.176
Bottom side								0.000	0.000	0.000

<WLAN Index 3-2 Close Mode>

Exposure Position	3	4	5	6	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 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)	WLAN5GHz Ant 3+4 1g SAR (W/kg)			
Front	0.001	0.528	0.528	0.203	0.204	0.731	0.731
Back	0.081	0.438	0.427	0.590	0.671	1.028	1.017
Left side	0.001	0.001	0.001	0.141	0.142	0.142	0.142
Right side	0.074	0.043	0.223	0.132	0.206	0.175	0.355
Top side	0.001	0.708	0.740	0.797	0.798	1.505	1.537
Bottom side					0.000	0.000	0.000

<WLAN Index 8-1, BT Index 7 Open Mode>

Exposure Position	3	4	5	6	7	8	9	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 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)	WLAN5GHz Ant 3+4 1g SAR (W/kg)	Bluetooth /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)			
Front	0.509	1.133	0.920	0.765	0.367	0.425	0.505	1.132	1.190	1.270
Back	0.350	0.598	0.532	0.365	0.198	0.287	0.287	0.563	0.652	0.652
Left side								0.000	0.000	0.000
Right side	0.626	0.067	0.388	0.195	0.258	0.034	0.159	0.453	0.229	0.354
Top side	0.154	0.639	0.593	0.719	0.057	0.225	0.267	0.776	0.944	0.986
Bottom side								0.000	0.000	0.000

<WLAN Index 8-2 Open Mode>

Exposure Position	3	4	5	6	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 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)	WLAN5GHz Ant 3+4 1g SAR (W/kg)			
Front	0.325	0.586	0.761	0.765	1.090	1.351	1.526
Back	0.228	0.342	0.441	0.365	0.593	0.707	0.806
Left side					0.000	0.000	0.000
Right side	0.457	0.038	0.347	0.195	0.652	0.233	0.542
Top side	0.129	0.365	0.491	0.719	0.848	1.084	1.210
Bottom side					0.000	0.000	0.000

F.5 Body-worn Sim-Tx analysis
<WWAN Index 5 Close Mode>

WWAN Band	FR1 Band	Exposure Position	1	2	1+2 Summed 1g SAR (W/kg)
			WWAN1	WWAN2	
			1g SAR (W/kg)	1g SAR (W/kg)	
Ant 0	Ant 1	Front	0.669	0.726	1.395
		Back	0.787	0.593	1.380
Ant 0	Ant 2	Front	0.669	0.437	1.106
		Back	0.787	0.699	1.486
Ant 1	Ant 2	Front	0.726	0.437	1.163
		Back	0.593	0.699	1.292
Ant 1	Ant 5	Front	0.726	0.331	1.057
		Back	0.593	0.585	1.178
Ant 1	Ant 6	Front	0.726	0.481	1.207
		Back	0.593	0.661	1.254
Ant 2	Ant 5	Front	0.437	0.331	0.768
		Back	0.699	0.585	1.284
Ant 2	Ant 6	Front	0.437	0.481	0.918
		Back	0.699	0.661	1.360

<WWAN Index 6, WLAN Index 4-1, BT Index 2 Close Mode>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN1	WWAN2	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	Bluetooth /Thread Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4									
			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	Ant 1	Front	0.557	0.604	0.001	0.528	0.528	0.087	0.001	0.211	0.242	1.162	1.689	1.689	1.248	1.249	1.459	1.490	0.02	Case 8
		Back	0.655	0.507	0.081	0.438	0.427	0.233	0.110	0.255	0.332	1.243	1.600	1.589	1.395	1.505	1.650	1.727	0.03	Case 9
Ant 0	Ant 2	Front	0.557	0.364	0.001	0.528	0.528	0.087	0.001	0.211	0.242	0.922	1.449	1.449	1.008	1.009	1.219	1.250		
		Back	0.655	0.581	0.081	0.438	0.427	0.233	0.110	0.255	0.332	1.317	1.674	1.663	1.469	1.579	1.724	1.801	0.03	Case 10
Ant 1	Ant 2	Front	0.604	0.364	0.001	0.528	0.528	0.087	0.001	0.211	0.242	0.969	1.496	1.496	1.055	1.056	1.266	1.297		
		Back	0.507	0.581	0.081	0.438	0.427	0.233	0.110	0.255	0.332	1.169	1.526	1.515	1.321	1.431	1.576	1.653	0.02	Case 11
Ant 1	Ant 5	Front	0.604	0.285	0.001	0.528	0.528	0.087	0.001	0.211	0.242	0.890	1.417	1.417	0.976	0.977	1.187	1.218		
		Back	0.507	0.486	0.081	0.438	0.427	0.233	0.110	0.255	0.332	1.074	1.431	1.420	1.226	1.336	1.481	1.558		
Ant 1	Ant 6	Front	0.604	0.400	0.001	0.528	0.528	0.087	0.001	0.211	0.242	1.005	1.532	1.532	1.091	1.092	1.302	1.333		
		Back	0.507	0.535	0.081	0.438	0.427	0.233	0.110	0.255	0.332	1.123	1.480	1.469	1.275	1.385	1.530	1.607	0.04	Case 12
Ant 2	Ant 5	Front	0.364	0.285	0.001	0.528	0.528	0.087	0.001	0.211	0.242	0.650	1.177	1.177	0.736	0.737	0.947	0.978		
		Back	0.581	0.486	0.081	0.438	0.427	0.233	0.110	0.255	0.332	1.148	1.505	1.494	1.300	1.410	1.555	1.632	0.03	Case 13
Ant 2	Ant 6	Front	0.364	0.400	0.001	0.528	0.528	0.087	0.001	0.211	0.242	0.765	1.292	1.292	0.851	0.852	1.062	1.093		
		Back	0.581	0.535	0.081	0.438	0.427	0.233	0.110	0.255	0.332	1.197	1.554	1.543	1.349	1.459	1.604	1.681	0.04	Case 14

<WWAN Index 6, WLAN Index 4-2 Close Mode Open Mode>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN1 1g SAR (W/kg)	WWAN2 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)					
Ant 0	Ant 1	Front	0.557	0.604	0.001	0.255	0.232	0.087	1.249	1.503	1.480		
		Back	0.655	0.507	0.033	0.196	0.150	0.233	1.428	1.591	1.545		
Ant 0	Ant 2	Front	0.557	0.364	0.001	0.255	0.232	0.087	1.009	1.263	1.240		
		Back	0.655	0.581	0.033	0.196	0.150	0.233	1.502	1.665	1.619	0.03	Case 10
Ant 1	Ant 2	Front	0.604	0.364	0.001	0.255	0.232	0.087	1.056	1.310	1.287		
		Back	0.507	0.581	0.033	0.196	0.150	0.233	1.354	1.517	1.471		
Ant 1	Ant 5	Front	0.604	0.285	0.001	0.255	0.232	0.087	0.977	1.231	1.208		
		Back	0.507	0.486	0.033	0.196	0.150	0.233	1.259	1.422	1.376		
Ant 1	Ant 6	Front	0.604	0.400	0.001	0.255	0.232	0.087	1.092	1.346	1.323		
		Back	0.507	0.535	0.033	0.196	0.150	0.233	1.308	1.471	1.425		
Ant 2	Ant 5	Front	0.364	0.285	0.001	0.255	0.232	0.087	0.737	0.991	0.968		
		Back	0.581	0.486	0.033	0.196	0.150	0.233	1.333	1.496	1.450		
Ant 2	Ant 6	Front	0.364	0.400	0.001	0.255	0.232	0.087	0.852	1.106	1.083		
		Back	0.581	0.535	0.033	0.196	0.150	0.233	1.382	1.545	1.499		

<WWAN Index 11, WLAN Index 9-1, BT Index 6 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN 1g SAR (W/kg)	WWAN 1g SAR (W/kg)	WLAN 2.4GHz Ant 3 1g SAR (W/kg)	WLAN 2.4GHz Ant 4 1g SAR (W/kg)	WLAN 2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN 5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)								
Ant 0	Ant 1	Front	0.641	0.416	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.382	1.643	1.818	1.769	1.768	1.769	0.04	Case 21
		Back	0.474	0.429	0.228	0.342	0.441	0.247	0.198	0.216	0.200	1.131	1.245	1.344	1.348	1.366	1.350		
Ant 0	Ant 2	Front	0.641	0.629	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.595	1.856	2.031	1.982	1.981	1.982	0.04	Case 22
		Back	0.474	0.559	0.228	0.342	0.441	0.247	0.198	0.216	0.200	1.261	1.375	1.474	1.478	1.496	1.480		
Ant 1	Ant 2	Front	0.416	0.629	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.370	1.631	1.806	1.757	1.756	1.757	0.03	Case 23
		Back	0.429	0.559	0.228	0.342	0.441	0.247	0.198	0.216	0.200	1.216	1.330	1.429	1.433	1.451	1.435		
Ant 1	Ant 5	Front	0.416	0.417	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.158	1.419	1.594	1.545	1.544	1.545		
		Back	0.429	0.428	0.228	0.342	0.441	0.247	0.198	0.216	0.200	1.085	1.199	1.298	1.302	1.320	1.304		
Ant 1	Ant 6	Front	0.416	0.482	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.223	1.484	1.659	1.610	1.609	1.610	0.04	Case 24
		Back	0.429	0.530	0.228	0.342	0.441	0.247	0.198	0.216	0.200	1.187	1.301	1.400	1.404	1.422	1.406		
Ant 2	Ant 5	Front	0.629	0.417	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.371	1.632	1.807	1.758	1.757	1.758	0.04	Case 25
		Back	0.559	0.428	0.228	0.342	0.441	0.247	0.198	0.216	0.200	1.215	1.329	1.428	1.432	1.450	1.434		
Ant 2	Ant 6	Front	0.629	0.482	0.325	0.586	0.761	0.345	0.367	0.366	0.367	1.436	1.697	1.872	1.823	1.822	1.823	0.03	Case 26
		Back	0.559	0.530	0.228	0.342	0.441	0.247	0.198	0.216	0.200	1.317	1.431	1.530	1.534	1.552	1.536		

<WWAN Index 11, WLAN Index 9-2 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN 1g SAR (W/kg)	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)					
Ant 0	Ant 1	Front	0.641	0.416	0.154	0.288	0.359	0.345	1.556	1.690	1.761	0.04	Case 21
		Back	0.474	0.429	0.112	0.157	0.203	0.247	1.262	1.307	1.353		
Ant 0	Ant 2	Front	0.641	0.629	0.154	0.288	0.359	0.345	1.769	1.903	1.974	0.04	Case 22
		Back	0.474	0.559	0.112	0.157	0.203	0.247	1.392	1.437	1.483		
Ant 1	Ant 2	Front	0.416	0.629	0.154	0.288	0.359	0.345	1.544	1.678	1.749	0.03	Case 23
		Back	0.429	0.559	0.112	0.157	0.203	0.247	1.347	1.392	1.438		
Ant 1	Ant 5	Front	0.416	0.417	0.154	0.288	0.359	0.345	1.332	1.466	1.537		
		Back	0.429	0.428	0.112	0.157	0.203	0.247	1.216	1.261	1.307		
Ant 1	Ant 6	Front	0.416	0.482	0.154	0.288	0.359	0.345	1.397	1.531	1.602	0.04	Case 24
		Back	0.429	0.530	0.112	0.157	0.203	0.247	1.318	1.363	1.409		
Ant 2	Ant 5	Front	0.629	0.417	0.154	0.288	0.359	0.345	1.545	1.679	1.750	0.03	Case 25
		Back	0.559	0.428	0.112	0.157	0.203	0.247	1.346	1.391	1.437		
Ant 2	Ant 6	Front	0.629	0.482	0.154	0.288	0.359	0.345	1.610	1.744	1.815	0.03	Case 26
		Back	0.559	0.530	0.112	0.157	0.203	0.247	1.448	1.493	1.539		

<WWAN Index 11, BT Index 7 & 10 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	7	8	9	1+2+7 Summed 1g SAR (W/kg)	1+2+8 Summed 1g SAR (W/kg)	1+2+9 Summed 1g SAR (W/kg)	SPLSR	Case No
			WWAN 1g SAR (W/kg)	WWAN 1g SAR (W/kg)	Bluetooth /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)					
Ant 0	Ant 1	Front	0.641	0.416	0.367	0.425	0.505	1.424	1.482	1.562		
		Back	0.474	0.429	0.198	0.287	0.287	1.101	1.190	1.190		
Ant 0	Ant 2	Front	0.641	0.629	0.367	0.425	0.505	1.637	1.695	1.775	0.04	Case 22
		Back	0.474	0.559	0.198	0.287	0.287	1.231	1.320	1.320		
Ant 1	Ant 2	Front	0.416	0.629	0.367	0.425	0.505	1.412	1.470	1.550		
		Back	0.429	0.559	0.198	0.287	0.287	1.186	1.275	1.275		
Ant 1	Ant 5	Front	0.416	0.417	0.367	0.425	0.505	1.200	1.258	1.338		
		Back	0.429	0.428	0.198	0.287	0.287	1.055	1.144	1.144		
Ant 1	Ant 6	Front	0.416	0.482	0.367	0.425	0.505	1.265	1.323	1.403		
		Back	0.429	0.530	0.198	0.287	0.287	1.157	1.246	1.246		
Ant 2	Ant 5	Front	0.629	0.417	0.367	0.425	0.505	1.413	1.471	1.551		
		Back	0.559	0.428	0.198	0.287	0.287	1.185	1.274	1.274		
Ant 2	Ant 6	Front	0.629	0.482	0.367	0.425	0.505	1.478	1.536	1.616	0.03	Case 26
		Back	0.559	0.530	0.198	0.287	0.287	1.287	1.376	1.376		

**WWAN Ant 0/2/5/6 Front Sensor on 15mm, WWAN Ant 1 Front Sensor on 10mm, WLAN Ant 4 Sensor
off 15mm**

<WLAN Index 7-1, BT Index 9 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	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 /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
Ant 0	Ant 1	Front	0.335	0.416	0.325	0.399	0.393	0.394	0.367	0.366	0.367	1.076	1.150	1.144	1.512	1.511	1.512
		Back	0.474	0.429	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.131	1.096	1.119	1.388	1.406	1.390
Ant 0	Ant 2	Front	0.335	0.293	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.953	1.027	1.021	1.389	1.388	1.389
		Back	0.474	0.559	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.261	1.226	1.249	1.518	1.536	1.520
Ant 1	Ant 2	Front	0.416	0.293	0.325	0.399	0.393	0.394	0.367	0.366	0.367	1.034	1.108	1.102	1.470	1.469	1.470
		Back	0.429	0.559	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.216	1.181	1.204	1.473	1.491	1.475
Ant 1	Ant 5	Front	0.416	0.237	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.978	1.052	1.046	1.414	1.413	1.414
		Back	0.429	0.428	0.228	0.193	0.216	0.359	0.198	0.216	0.200	1.085	1.050	1.073	1.414	1.432	1.416
Ant 1	Ant 6	Front	0.416	0.193	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.934	1.008	1.002	1.370	1.369	1.370
		Back	0.429	0.530	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.187	1.152	1.175	1.444	1.462	1.446
Ant 2	Ant 5	Front	0.293	0.237	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.855	0.929	0.923	1.291	1.290	1.291
		Back	0.559	0.428	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.215	1.180	1.203	1.472	1.490	1.474
Ant 2	Ant 6	Front	0.293	0.193	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.811	0.885	0.879	1.247	1.246	1.247
		Back	0.559	0.530	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.317	1.282	1.305	1.574	1.592	1.576

<WLAN Index 7-2 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	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)			
Ant 0	Ant 1	Front	0.335	0.416	0.154	0.399	0.393	0.394	1.299	1.544	1.538
		Back	0.474	0.429	0.112	0.193	0.216	0.287	1.302	1.383	1.406
Ant 0	Ant 2	Front	0.335	0.293	0.154	0.399	0.393	0.394	1.176	1.421	1.415
		Back	0.474	0.559	0.112	0.193	0.216	0.287	1.432	1.513	1.536
Ant 1	Ant 2	Front	0.416	0.293	0.154	0.399	0.393	0.394	1.257	1.502	1.496
		Back	0.429	0.559	0.112	0.193	0.216	0.287	1.387	1.468	1.491
Ant 1	Ant 5	Front	0.416	0.237	0.154	0.399	0.393	0.394	1.201	1.446	1.440
		Back	0.429	0.428	0.112	0.193	0.216	0.287	1.256	1.337	1.360
Ant 1	Ant 6	Front	0.416	0.193	0.154	0.399	0.393	0.394	1.157	1.402	1.396
		Back	0.429	0.530	0.112	0.193	0.216	0.287	1.358	1.439	1.462
Ant 2	Ant 5	Front	0.293	0.237	0.154	0.399	0.393	0.394	1.078	1.323	1.317
		Back	0.559	0.428	0.112	0.193	0.216	0.287	1.386	1.467	1.490
Ant 2	Ant 6	Front	0.293	0.193	0.154	0.399	0.393	0.394	1.034	1.279	1.273
		Back	0.559	0.530	0.112	0.193	0.216	0.287	1.488	1.569	1.592

WWAN Ant 0/2/5/6 Front Sensor on 15mm, WWAN Ant 1 Sensor off 19mm, WLAN Ant 4 Sensor off 15mm

<WLAN Index 7-1, BT Index 9 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	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 /Thread Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)						
Ant 0	Ant 1	Front	0.335	0.403	0.325	0.399	0.393	0.394	0.367	0.366	0.367	1.063	1.137	1.131	1.499	1.498	1.499
		Back	0.474	0.389	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.091	1.056	1.079	1.348	1.366	1.350
Ant 0	Ant 2	Front	0.335	0.293	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.953	1.027	1.021	1.389	1.388	1.389
		Back	0.474	0.559	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.261	1.226	1.249	1.518	1.536	1.520
Ant 1	Ant 2	Front	0.403	0.293	0.325	0.399	0.393	0.394	0.367	0.366	0.367	1.021	1.095	1.089	1.457	1.456	1.457
		Back	0.389	0.559	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.176	1.141	1.164	1.433	1.451	1.435
Ant 1	Ant 5	Front	0.403	0.237	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.965	1.039	1.033	1.401	1.400	1.401
		Back	0.389	0.428	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.045	1.010	1.033	1.302	1.320	1.304
Ant 1	Ant 6	Front	0.403	0.193	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.921	0.995	0.989	1.357	1.356	1.357
		Back	0.389	0.530	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.147	1.112	1.135	1.404	1.422	1.406
Ant 2	Ant 5	Front	0.293	0.237	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.855	0.929	0.923	1.291	1.290	1.291
		Back	0.559	0.428	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.215	1.180	1.203	1.472	1.490	1.474
Ant 2	Ant 6	Front	0.293	0.193	0.325	0.399	0.393	0.394	0.367	0.366	0.367	0.811	0.885	0.879	1.247	1.246	1.247
		Back	0.559	0.530	0.228	0.193	0.216	0.287	0.198	0.216	0.200	1.317	1.282	1.305	1.574	1.592	1.576

<WLAN Index 7-2 Open Mode>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)
			WWAN	WWAN	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4			
			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	Ant 1	Front	0.335	0.403	0.154	0.399	0.393	0.394	1.286	1.531	1.525
		Back	0.474	0.389	0.112	0.193	0.216	0.287	1.262	1.343	1.366
Ant 0	Ant 2	Front	0.335	0.293	0.154	0.399	0.393	0.394	1.176	1.421	1.415
		Back	0.474	0.559	0.112	0.193	0.216	0.287	1.432	1.513	1.536
Ant 1	Ant 2	Front	0.403	0.293	0.154	0.399	0.393	0.394	1.244	1.489	1.483
		Back	0.389	0.559	0.112	0.193	0.216	0.287	1.347	1.428	1.451
Ant 1	Ant 5	Front	0.403	0.237	0.154	0.399	0.393	0.394	1.188	1.433	1.427
		Back	0.389	0.428	0.112	0.193	0.216	0.287	1.216	1.297	1.320
Ant 1	Ant 6	Front	0.403	0.193	0.154	0.399	0.393	0.394	1.144	1.389	1.383
		Back	0.389	0.530	0.112	0.193	0.216	0.287	1.318	1.399	1.422
Ant 2	Ant 5	Front	0.293	0.237	0.154	0.399	0.393	0.394	1.078	1.323	1.317
		Back	0.559	0.428	0.112	0.193	0.216	0.287	1.386	1.467	1.490
Ant 2	Ant 6	Front	0.293	0.193	0.154	0.399	0.393	0.394	1.034	1.279	1.273
		Back	0.559	0.530	0.112	0.193	0.216	0.287	1.488	1.569	1.592

<WLAN Index 8-1, BT Index 7 Open Mode>

Exposure Position	3	4	5	6	7	8	9	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	Bluetooth /Thread Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4			
	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	0.509	1.133	0.920	0.765	0.367	0.425	0.505	1.132	1.190	1.270
Back	0.350	0.598	0.532	0.460	0.198	0.287	0.287	0.658	0.747	0.747

<WLAN Index 8-2 Open Mode>

Exposure Position	3	4	5	6	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Front	0.325	0.586	0.761	0.765	1.090	1.351	1.526
Back	0.228	0.342	0.441	0.460	0.688	0.802	0.901

<WLAN Index 3-1, BT Index 3 Close Mode>

Exposure Position	3	4	5	6	7	8	9	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+9 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	Bluetooth /Thread Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4			
	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	0.001	0.772	0.773	0.215	0.001	0.310	0.241	0.216	0.525	0.456
Back	0.118	0.624	0.623	0.590	0.110	0.374	0.473	0.700	0.964	1.063

<WLAN Index 3-2 Close Mode>

Exposure Position	3	4	5	6	3+6 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Front	0.001	0.528	0.528	0.215	0.216	0.743	0.743
Back	0.081	0.438	0.427	0.590	0.671	1.028	1.017

F.5 Product Specific Sim-Tx analysis
<WWAN index 11, WLAN Index 9-1, BT Index 6, NFC Open Mode>

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3 Summed 1g SAR (W/kg)	1+2+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+6+7 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+6+9 Summed 1g SAR (W/kg)
		WWAN	NFC	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	Bluetooth /Thread Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4						
Ant 2	Front		0.041				0.793				0.041	0.041	0.041	0.834	0.834	0.834
	Back		0.001				1.038				0.001	0.001	0.001	1.039	1.039	1.039
	Left side		0.001								0.001	0.001	0.001	0.001	0.001	0.001
	Right side		0.001				0.700				0.001	0.001	0.001	0.701	0.701	0.701
	Top side		0.001				1.988				0.001	0.001	0.001	1.989	1.989	1.989
	Bottom side	1.995	0.001								1.996	1.996	1.996	1.996	1.996	1.996

<WWAN index 11, WLAN Index 9-2, NFC Open Mode>

WWAN Band	Exposure Position	1	2	3	4	5	6	1+2+3+6 Summed 1g SAR (W/kg)	1+2+4+6 Summed 1g SAR (W/kg)	1+2+5+6 Summed 1g SAR (W/kg)
		WWAN	NFC	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4			
Ant 2	Front		0.041				0.793	0.834	0.834	0.834
	Back		0.001				1.038	1.039	1.039	1.039
	Left side		0.001					0.001	0.001	0.001
	Right side		0.001				0.700	0.701	0.701	0.701
	Top side		0.001				1.988	1.989	1.989	1.989
	Bottom side	1.995	0.001					1.996	1.996	1.996

<WWAN index 11, BT Index 7, NFC Open Mode>

WWAN Band	Exposure Position	1	2	7	8	9	1+2+7 Summed 1g SAR (W/kg)	1+2+8 Summed 1g SAR (W/kg)	1+2+9 Summed 1g SAR (W/kg)
		WWAN	NFC	Bluetooth /Thread Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4			
Ant 2	Front		0.041				0.041	0.041	0.041
	Back		0.001				0.001	0.001	0.001
	Left side		0.001				0.001	0.001	0.001
	Right side		0.001				0.001	0.001	0.001
	Top side		0.001				0.001	0.001	0.001
	Bottom side	1.995	0.001				1.996	1.996	1.996

<WLAN Index 3-1 & 3-2, NFC Close Mode>

Exposure Position	6	10	6+10 Summed 10g SAR (W/kg)
	WLAN5/6GHz Ant 3+4	NFC	
	10g SAR (W/kg)	10g SAR (W/kg)	
Front	0.559	0.001	0.560
Back	0.664	0.044	0.708
Left side	0.329	0.001	0.330
Right side	0.879	0.001	0.880
Top side	1.923	0.001	1.924
Bottom side		0.001	0.001

<WLAN Index 8-1 & 8-2, NFC Open Mode>

Exposure Position	4	5	10	4+5+10 Summed 10g SAR (W/kg)
	WLAN6GHz Ant 3 10g SAR (W/kg)	WLAN6GHz Ant 4 10g SAR (W/kg)	NFC 10g SAR (W/kg)	
Front	0.082	0.793	0.041	0.916
Back	0.117	1.038	0.001	1.156
Left side			0.001	0.001
Right side	0.700	0.219	0.001	0.920
Top side	0.001	1.988	0.001	1.990
Bottom side			0.001	0.001

F.6 SAR Peak Location Distance and SPLSR analysis

Case 1	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0	Front	0.524	10mm	16.6	-63.6	-207	90.6	1.656	0.02	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.132	10mm	15	27	-207				

Case 2	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0	Back	0.655	10mm	-60.5	-47	-207	77.0	1.763	0.03	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.108	10mm	-61	30	-207				

Case 3	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0+2	Back	1.236	10mm	-60.5	-47	-207	77.0	1.848	0.03	Not required
Maximum WLAN Ant 3+4		0.612	10mm	-61	30	-207				

Case 4	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Back	0.581	10mm	-32.5	-70.5	-207	104.4	1.689	0.02	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.108	10mm	-57	31	-207				

Case 5	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 6	Back	0.535	10mm	-61.5	-20.5	-207	50.5	1.643	0.04	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.108	10mm	-61	30	-207				

Case 6	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Back	0.581	10mm	-32.5	-70.5	-207	64.2	1.679	0.03	Not required
Maximum WWAN Ant 5+WLAN Ant 3+4		1.098	10mm	-51	-9	-207				

Case 7	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2+6	Back	1.116	10mm	-61.5	-20.5	-207	50.5	1.728	0.04	Not required
Maximum WLAN Ant 3+4		0.612	10mm	-61	30	-207				

Case 8	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0	Front	0.557	10mm	16.6	-63.6	-207	90.6	1.689	0.02	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.132	10mm	15	27	-207				

Case 9	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0	Back	0.655	10mm	-60.5	-47	-207	77.0	1.727	0.03	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.072	10mm	-61	30	-207				

Case 10	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0+2	Back	1.236	10mm	-60.5	-47	-207	77.0	1.801	0.03	Not required
Maximum WLAN Ant 3+4		0.565	10mm	-61	30	-207				

Case 11	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Back	0.581	10mm	-32.5	-70.5	-207	104.4	1.653	0.02	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.072	10mm	-57	31	-207				

Case 12	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 6	Back	0.535	10mm	-61.5	-20.5	-207	50.5	1.607	0.04	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.072	10mm	-61	30	-207				

Case 13	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Back	0.581	10mm	-32.5	-70.5	-207	64.2	1.632	0.03	Not required
Maximum WWAN Ant 5+WLAN Ant 3+4		1.051	10mm	-51	-9	-207				

Case 14	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2+6	Back	1.116	10mm	-61.5	-20.5	-207	50.5	1.681	0.04	Not required
Maximum WLAN Ant 3+4		0.565	10mm	-61	30	-207				

Case 15	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0	Front	0.641	10mm	-56	-44.5	-208.8	64.8	1.818	0.04	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.177	10mm	-52	20.2	-207				

Case 16	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0+2	Front	1.27	10mm	-56	-44.5	-208.8	64.8	2.031	0.04	Not required
Maximum WLAN Ant 3+4		0.761	10mm	-52	20.2	-207				

Case 17	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Front	0.629	10mm	-38	-68.5	-207	89.8	1.806	0.03	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.177	10mm	-52	20.2	-207				

Case 18	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 6	Front	0.482	10mm	-54.5	-28	-209	48.3	1.659	0.04	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.177	10mm	-52	20.2	-207				

Case 19	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Front	0.629	10mm	-38	-68.5	-207	59.1	1.807	0.04	Not required
Maximum WWAN Ant 5+WLAN Ant 3+4		1.178	10mm	-51.5	-11	-208.9				

Case 20	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Front	0.629	10mm	-38	-68.5	-207	89.8	1.390	0.02	Not required
Maximum WLAN Ant 3+4		0.761	10mm	-52	20.2	-207				
Maximum WWAN Ant 6	Front	0.482	10mm	-54.5	-28	-209	48.3	1.243	0.03	Not required
Maximum WLAN Ant 3+4		0.761	10mm	-52	20.2	-207				
Maximum WWAN Ant 2	Front	0.629	10mm	-37	-73.5	-207	44.7	1.111	0.03	Not required
Maximum WWAN Ant 6		0.482	10mm	-53.5	-32	-208.9				

Case 21	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0	Front	0.641	10mm	-56	-44.5	-208.8	64.8	1.818	0.04	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.177	10mm	-52	20.2	-207				

Case 22	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 0+2	Front	1.27	10mm	-56	-44.5	-208.8	64.8	2.031	0.04	Not required
Maximum WLAN Ant 3+4		0.761	10mm	-52	20.2	-207				

Case 23	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Front	0.629	10mm	-38	-68.5	-207	89.8	1.806	0.03	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.177	10mm	-52	20.2	-207				

Case 24	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 6	Front	0.482	10mm	-54.5	-28	-209	48.3	1.659	0.04	Not required
Maximum WWAN Ant 1+WLAN Ant 3+4		1.177	10mm	-52	20.2	-207				

Case 25	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Front	0.629	10mm	-38	-68.5	-207	59.1	1.807	0.04	Not required
Maximum WWAN Ant 5+WLAN Ant 3+4		1.178	10mm	-51.5	-11	-208.9				

Case 26	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
			(mm)	X	Y	Z				
Maximum WWAN Ant 2	Front	0.629	10mm	-38	-68.5	-207	89.8	1.390	0.02	Not required
Maximum WLAN Ant 3+4		0.761	10mm	-52	20.2	-207				
Maximum WWAN Ant 6	Front	0.482	10mm	-54.5	-28	-209	48.3	1.243	0.03	Not required
Maximum WLAN Ant 3+4		0.761	10mm	-52	20.2	-207				
Maximum WWAN Ant 2	Front	0.629	10mm	-37	-73.5	-207	44.7	1.111	0.03	Not required
Maximum WWAN Ant 6		0.482	10mm	-53.5	-32	-208.9				