

10. Measured and Reported (Scaled) SAR Results

SAR Test Reduction criteria are as follows:

- Reported SAR(W/kg) for WWAN and Bluetooth = Measured SAR *Maximum Output Power Scaling Factor
- Reported SAR(W/kg) for Wi-Fi = Measured SAR * Maximum Output Power scaling factor * Duty Cycle scaling factor
- Duty Cycle scaling factor = 1 / Duty cycle (%)

KDB 447498 D01 General RF Exposure Guidance:

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

- ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR:

With headset attached, when the reported SAR for body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

KDB 648474 D04 Handset SAR (Phablet Only):

For smart phones, with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm.

When hotspot mode does not apply, 10-g Extremity SAR is required for all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge in direct contact with a flat phantom, to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.

10-g Extremity SAR testing is not required since all 1-g reported SAR < 1.2 W/kg for hotspot mode.

KDB 941225 D01 SAR test for 3G devices:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

- Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.
- When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
- Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.
- Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.
- Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.
- For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

KDB 248227 D01 SAR meas for 802.11:

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions. An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

The multiple test positions require SAR measurements in head, hotspot mode or UMPC mini-tablet configurations may be reduced according to the highest reported SAR determined using the initial test position(s) by applying the DSSS or OFDM SAR measurement procedures in the required wireless mode test configuration(s). The initial test position(s) is measured using the highest measured maximum output power channel in the required wireless mode test configuration(s). When the reported SAR for the initial test position is:

- ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and wireless mode combination within the frequency band or aggregated band. DSSS and OFDM configurations are considered separately according to the required SAR procedures.
- > 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions are tested.
 - For subsequent test positions with equivalent test separation distance or when exposure is dominated by coupling conditions, the position for maximum coupling condition should be tested.
 - When it is unclear, all equivalent conditions must be tested.
- For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, measure the SAR for these positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required test channels are considered.
 - The additional power measurements required for this step should be limited to those necessary for identifying subsequent highest output power channels to apply the test reduction.
- When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.
- When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

To determine the initial test position, Area Scans were performed to determine the position with the *Maximum Value of SAR (measured)*. The position that produced the highest *Maximum Value of SAR* is considered the worst case position; thus used as the initial test position.

Wi-Fi 6E Test Rationale:

- iPD testing was performed on 5 selected channels spread across all of the 6E spectrum. Channels were determined based on the highest maximum output power and transmission mode combination.
 - No channels that could transmit below 6GHz were selected for testing so as to use the ESR Test Methodology only.
- The test position for iPD was determined using the worst case V/m on each required test position needed for consideration.

10.1. GSM850

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	32.5	31.9	0.189	0.217	0.144	0.165	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	32.5	31.9	0.099	0.114	0.078	0.090	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	32.5	31.9	0.161	0.185	0.128	0.147	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	32.5	31.9	0.107	0.123	0.084	0.096	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	128	824.4	32.5	31.7	0.621	0.747	0.393	0.472	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	32.5	31.9	0.758	0.870	0.482	0.553	1
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	251	848.8	32.5	31.9	0.753	0.865	0.477	0.548	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	32.5	31.9	0.318	0.365	0.223	0.256	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	32.5	31.9	0.334	0.383	0.214	0.246	2
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	190	836.6	32.5	31.9	0.229	0.263	0.105	0.121	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	32.5	31.9	0.324	0.372	0.212	0.243	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	29.5	28.7	0.336	0.404	0.246	0.296	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	29.5	28.7	0.219	0.263	0.141	0.170	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	29.5	28.7	0.631	0.759	0.405	0.487	3
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	29.5	28.7	0.342	0.411	0.191	0.230	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	31.5	30.8	0.489	0.575	0.294	0.345	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	31.5	30.8	0.302	0.355	0.203	0.239	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	190	836.6	31.5	30.8	0.166	0.195	0.090	0.106	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	31.5	30.8	0.145	0.170	0.094	0.110	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	31.5	30.8	0.234	0.275	0.150	0.176	

10.2. GSM1900

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	30.5	30.3	0.038	0.040	0.025	0.026	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	30.5	30.3	0.036	0.038	0.022	0.023	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	30.5	30.3	0.096	0.101	0.058	0.061	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	30.5	30.3	0.050	0.052	0.032	0.034	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	28.0	27.0	0.703	0.885	0.316	0.398	4
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	28.0	27.0	0.600	0.755	0.265	0.334	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	28.0	27.0	0.631	0.794	0.279	0.351	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	28.0	27.0	0.248	0.312	0.138	0.174	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	28.0	27.0	0.318	0.400	0.144	0.181	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	28.0	27.0	0.318	0.400	0.165	0.208	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	28.0	27.0	0.028	0.035	0.016	0.020	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	25.5	24.5	0.083	0.104	0.051	0.064	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	25.5	24.5	0.098	0.123	0.054	0.068	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	512	1850.2	25.5	24.5	0.431	0.543	0.220	0.277	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	25.5	24.5	0.427	0.538	0.215	0.271	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	810	1909.8	25.5	24.5	0.525	0.661	0.256	0.322	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	25.5	24.5	0.328	0.413	0.153	0.193	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	25.2	24.2	0.430	0.541	0.198	0.249	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	25.2	24.2	0.526	0.662	0.241	0.303	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	25.2	24.2	0.650	0.818	0.298	0.375	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	25.2	24.2	0.201	0.253	0.101	0.127	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	25.2	24.2	0.192	0.242	0.081	0.102	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	25.2	24.2	0.009	0.011	0.005	0.006	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	25.2	24.2	0.365	0.460	0.179	0.225	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	27.2	26.4	0.088	0.106	0.055	0.066	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	27.2	26.4	0.046	0.055	0.028	0.034	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	27.2	26.4	0.061	0.073	0.038	0.046	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	27.2	26.4	0.042	0.050	0.024	0.029	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	26.5	25.5	0.432	0.544	0.225	0.283	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.5	25.5	0.421	0.530	0.225	0.283	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	26.5	25.5	0.529	0.666	0.285	0.359	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.5	25.5	0.236	0.297	0.143	0.180	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	26.5	25.5	0.122	0.154	0.066	0.083	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	26.5	25.5	0.288	0.363	0.154	0.194	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	25.2	24.3	0.596	0.733	0.330	0.406	5
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	25.2	24.3	0.219	0.269	0.121	0.149	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	25.2	24.3	0.173	0.213	0.111	0.137	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	25.2	24.3	0.127	0.156	0.075	0.092	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	26.2	25.2	0.584	0.735	0.312	0.393	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.2	25.2	0.632	0.796	0.338	0.426	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	26.2	25.2	0.690	0.869	0.369	0.465	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.2	25.2	0.235	0.296	0.139	0.175	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	26.2	25.2	0.183	0.230	0.098	0.123	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	26.2	25.2	0.409	0.515	0.210	0.264	6

10.3. W-CDMA Band II

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	24.5	24.3	0.055	0.058	0.037	0.039	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	24.5	24.3	0.055	0.058	0.034	0.036	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	24.5	24.3	0.095	0.099	0.060	0.063	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	24.5	24.3	0.054	0.057	0.034	0.036	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	22.0	21.1	0.741	0.912	0.328	0.404	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	22.0	21.1	0.746	0.918	0.331	0.407	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	22.0	21.1	0.699	0.860	0.310	0.381	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	22.0	21.1	0.304	0.374	0.170	0.209	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	22.0	21.1	0.413	0.508	0.187	0.230	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	22.0	21.1	0.402	0.495	0.206	0.253	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	22.0	21.1	0.036	0.044	0.020	0.025	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.5	18.5	0.133	0.167	0.082	0.103	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.5	18.5	0.128	0.161	0.069	0.087	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9262	1852.4	19.5	18.5	0.548	0.690	0.277	0.349	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.5	18.5	0.684	0.861	0.372	0.468	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9538	1907.6	19.5	18.5	0.632	0.796	0.309	0.389	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.5	18.5	0.596	0.750	0.279	0.351	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	19.2	18.2	0.582	0.733	0.267	0.336	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.2	18.2	0.648	0.816	0.296	0.373	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	19.2	18.2	0.682	0.859	0.311	0.392	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.2	18.2	0.297	0.374	0.149	0.188	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	19.2	18.2	0.281	0.354	0.114	0.144	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.2	18.2	0.006	0.008	0.003	0.004	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	19.2	18.2	0.518	0.652	0.246	0.310	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	21.2	21.1	0.130	0.133	0.082	0.084	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	21.2	21.1	0.077	0.079	0.048	0.049	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	21.2	21.1	0.067	0.069	0.041	0.042	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	21.2	21.1	0.063	0.064	0.036	0.037	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.5	19.8	0.683	0.802	0.353	0.415	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.5	19.8	0.752	0.884	0.397	0.466	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.5	19.8	0.775	0.911	0.414	0.486	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.5	19.8	0.245	0.288	0.148	0.174	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	20.5	19.8	0.124	0.146	0.067	0.079	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	20.5	19.8	0.449	0.528	0.237	0.278	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9262	1852.4	19.2	18.4	0.615	0.739	0.350	0.421	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.2	18.4	0.708	0.851	0.403	0.485	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9538	1907.6	19.2	18.4	0.732	0.880	0.411	0.494	7
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.2	18.4	0.380	0.457	0.216	0.260	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.2	18.4	0.286	0.344	0.181	0.218	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.2	18.4	0.232	0.279	0.136	0.164	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.2	19.7	0.782	0.877	0.418	0.469	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.2	19.9	0.878	0.941	0.471	0.505	8
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.2	19.7	0.806	0.904	0.429	0.481	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.2	19.9	0.239	0.256	0.142	0.152	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	20.2	19.9	0.195	0.209	0.103	0.110	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	20.2	19.9	0.697	0.747	0.356	0.381	9

10.4. W-CDMA Band IV

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	25.0	24.9	0.075	0.077	0.052	0.053	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.0	24.9	0.067	0.069	0.043	0.044	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.0	24.9	0.126	0.129	0.083	0.085	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.0	24.9	0.057	0.058	0.039	0.040	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.7	18.8	0.331	0.407	0.170	0.209	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.7	18.8	0.238	0.293	0.122	0.150	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.7	18.8	0.126	0.155	0.065	0.080	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1312	1712.4	19.7	18.8	0.751	0.924	0.371	0.456	10
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	19.7	18.8	0.699	0.860	0.347	0.427	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1513	1752.6	19.7	18.8	0.661	0.813	0.330	0.406	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	19.7	18.8	0.011	0.014	0.006	0.007	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	23.0	22.0	0.301	0.379	0.189	0.238	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	23.0	22.0	0.200	0.252	0.121	0.152	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1312	1712.4	23.0	22.0	0.620	0.781	0.376	0.473	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	23.0	22.0	0.637	0.802	0.383	0.482	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1513	1752.6	23.0	22.0	0.697	0.877	0.417	0.525	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1312	1712.4	23.0	22.0	0.424	0.534	0.223	0.281	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	23.0	22.0	0.443	0.558	0.225	0.283	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1513	1752.6	23.0	22.0	0.470	0.592	0.239	0.301	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	22.0	21.0	0.575	0.724	0.258	0.325	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	22.0	21.0	0.662	0.833	0.296	0.373	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	22.0	21.0	0.735	0.925	0.327	0.412	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	22.0	21.0	0.247	0.311	0.141	0.178	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	22.0	21.0	0.256	0.322	0.112	0.141	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	22.0	21.0	0.005	0.006	0.002	0.003	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	22.0	21.0	0.354	0.446	0.185	0.233	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	21.0	20.5	0.068	0.076	0.045	0.050	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	21.0	20.5	0.026	0.029	0.017	0.019	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	21.0	20.5	0.036	0.040	0.024	0.027	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	21.0	20.5	0.026	0.029	0.016	0.018	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	20.7	20.1	0.643	0.738	0.319	0.366	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	20.7	20.1	0.702	0.806	0.348	0.400	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	20.7	20.1	0.809	0.929	0.394	0.452	11
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	20.7	20.1	0.356	0.409	0.200	0.230	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	20.7	20.1	0.334	0.383	0.187	0.215	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	20.7	20.1	0.366	0.420	0.204	0.234	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1312	1712.4	20.5	19.7	0.732	0.880	0.416	0.500	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	20.5	19.7	0.769	0.925	0.435	0.523	12
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1513	1752.6	20.5	19.7	0.731	0.879	0.416	0.500	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	20.5	19.7	0.448	0.539	0.235	0.283	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	20.5	19.7	0.286	0.344	0.177	0.213	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	20.5	19.7	0.232	0.279	0.138	0.166	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.5	18.5	0.507	0.638	0.274	0.345	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.5	18.5	0.209	0.263	0.125	0.157	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	19.5	18.5	0.196	0.247	0.096	0.121	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.5	18.5	0.476	0.599	0.235	0.296	

10.5. W-CDMA Band V

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	25.7	25.2	0.183	0.205	0.140	0.157	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.7	25.2	0.094	0.105	0.074	0.083	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.7	25.2	0.165	0.185	0.130	0.146	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.7	25.2	0.090	0.101	0.072	0.081	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.7	25.2	0.542	0.608	0.359	0.403	13
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.7	25.2	0.303	0.340	0.212	0.238	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.7	25.2	0.301	0.338	0.198	0.222	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	4183	836.6	25.7	25.2	0.229	0.257	0.106	0.119	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.7	25.2	0.288	0.323	0.188	0.211	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	23.5	22.5	0.417	0.525	0.303	0.381	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	23.5	22.5	0.262	0.330	0.170	0.214	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4132	826.4	23.5	22.5	0.631	0.794	0.429	0.540	14
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	23.5	22.5	0.611	0.769	0.416	0.524	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4233	846.6	23.5	22.5	0.608	0.765	0.419	0.527	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	23.5	22.5	0.421	0.530	0.222	0.279	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	24.7	24.1	0.420	0.482	0.260	0.299	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	24.7	24.1	0.313	0.359	0.207	0.238	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	4183	836.6	24.7	24.1	0.150	0.172	0.080	0.092	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	24.7	24.1	0.169	0.194	0.108	0.124	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	24.7	24.1	0.299	0.343	0.191	0.219	15

10.6. LTE Band 5 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.7	25.5	0.158	0.165	0.120	0.126	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.7	24.6	0.124	0.127	0.094	0.096	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.7	25.5	0.063	0.066	0.050	0.052	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.7	24.6	0.051	0.052	0.040	0.041	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.7	25.5	0.166	0.174	0.128	0.134	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.7	24.6	0.131	0.134	0.102	0.104	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.7	25.5	0.073	0.076	0.056	0.059	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.7	24.6	0.056	0.057	0.044	0.045	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.7	25.5	0.622	0.651	0.406	0.425	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.7	24.6	0.486	0.497	0.318	0.325	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.7	25.5	0.258	0.270	0.181	0.190	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.7	24.6	0.202	0.207	0.141	0.144	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.7	25.5	0.255	0.267	0.163	0.171	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.7	24.6	0.200	0.205	0.128	0.131	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.7	25.5	0.181	0.190	0.086	0.090	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.7	24.6	0.142	0.145	0.067	0.069	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.7	25.5	0.229	0.240	0.150	0.157	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.7	24.6	0.180	0.184	0.118	0.121	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	23.5	22.6	0.503	0.619	0.360	0.443	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	23.5	22.6	0.498	0.613	0.356	0.438	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	23.5	22.6	0.323	0.397	0.197	0.242	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	23.5	22.6	0.321	0.395	0.196	0.241	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	23.5	22.6	0.691	0.850	0.457	0.562	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	23.5	22.6	0.691	0.850	0.458	0.563	16
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	50	0	23.5	22.6	0.642	0.790	0.425	0.523	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	23.5	22.6	0.489	0.602	0.271	0.333	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	23.5	22.6	0.493	0.607	0.272	0.335	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.2	25.0	0.656	0.687	0.412	0.431	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.2	24.0	0.525	0.550	0.328	0.343	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.2	25.0	0.380	0.398	0.251	0.263	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.2	24.0	0.304	0.318	0.201	0.210	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	1	25	25.2	25.0	0.200	0.209	0.106	0.111	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	25	12	24.2	24.0	0.157	0.164	0.083	0.087	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.2	25.0	0.173	0.181	0.115	0.120	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.2	24.0	0.135	0.141	0.090	0.094	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.2	25.0	0.266	0.279	0.170	0.178	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.2	24.0	0.210	0.220	0.135	0.141	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.4	25.2	0.096	0.101	0.074	0.077	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.4	24.2	0.076	0.080	0.059	0.062	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.4	25.2	0.049	0.051	0.039	0.041	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.4	24.2	0.039	0.041	0.031	0.032	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.4	25.2	0.087	0.091	0.068	0.071	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.4	24.2	0.069	0.072	0.054	0.057	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.4	25.2	0.049	0.051	0.039	0.041	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.4	24.2	0.038	0.040	0.030	0.031	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.4	25.2	0.689	0.721	0.380	0.398	17
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.4	24.2	0.559	0.585	0.309	0.324	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.4	25.2	0.370	0.387	0.208	0.218	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.4	24.2	0.299	0.313	0.168	0.176	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.4	25.2	0.388	0.406	0.160	0.168	18
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.4	24.2	0.358	0.375	0.141	0.148	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.4	25.2	0.281	0.294	0.121	0.127	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.4	24.2	0.225	0.236	0.097	0.102	

UL CA 5B

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	25.7	25.3	0.082	0.090	0.064	0.070	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.7	25.3	0.425	0.466	0.278	0.305	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	23.5	22.5	0.326	0.410	0.209	0.263	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	24.7	24.3	0.368	0.404	0.215	0.236	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20476	831.6	1	49	20575	841.5	1	0	25.4	24.9	0.089	0.100	0.069	0.077	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.4	24.9	0.316	0.355	0.203	0.228	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

10.7. LTE Band 7 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	23.0	22.8	0.059	0.062	0.034	0.036	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	23.0	23.0	0.063	0.063	0.036	0.036	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	23.0	22.8	0.038	0.040	0.020	0.021	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	23.0	23.0	0.041	0.041	0.021	0.021	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	23.0	22.8	0.212	0.222	0.114	0.119	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	23.0	23.0	0.210	0.210	0.113	0.113	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	23.0	22.8	0.060	0.063	0.033	0.035	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	23.0	23.0	0.060	0.060	0.330	0.330	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	20.0	19.1	0.508	0.625	0.225	0.277	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	20.0	19.2	0.508	0.611	0.225	0.271	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	20.0	19.1	0.319	0.392	0.151	0.186	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	20.0	19.2	0.325	0.391	0.154	0.185	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	20.0	19.1	0.751	0.924	0.322	0.396	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	20.0	19.2	0.770	0.926	0.331	0.398	19
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	20.0	19.1	0.719	0.885	0.309	0.380	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	20.0	19.2	0.715	0.860	0.307	0.369	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	20.0	19.1	0.701	0.862	0.302	0.372	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	20.0	19.0	0.628	0.791	0.267	0.336	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	20.0	19.2	0.648	0.779	0.277	0.333	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	20.0	19.1	0.247	0.304	0.097	0.119	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	20.0	19.2	0.254	0.305	0.100	0.120	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	20.0	19.1	0.094	0.116	0.041	0.050	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	20.0	19.2	0.095	0.114	0.042	0.050	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	17.0	16.0	0.496	0.624	0.194	0.244	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	17.0	16.1	0.499	0.614	0.195	0.240	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	17.0	16.0	0.573	0.721	0.217	0.273	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	17.0	16.1	0.583	0.717	0.221	0.272	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	17.0	16.0	0.521	0.656	0.206	0.259	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	17.0	16.1	0.531	0.653	0.209	0.257	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	17.0	16.0	0.407	0.512	0.152	0.191	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	17.0	16.1	0.415	0.511	0.155	0.191	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	19.0	18.6	0.802	0.879	0.311	0.341	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	19.0	18.8	0.807	0.845	0.313	0.328	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	19.0	18.5	0.823	0.923	0.317	0.356	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.0	18.7	0.832	0.892	0.321	0.344	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	19.0	18.6	0.846	0.928	0.325	0.356	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	19.0	18.6	0.858	0.941	0.330	0.362	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	19.0	18.7	0.884	0.947	0.339	0.363	20
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	19.0	18.5	0.329	0.369	0.131	0.147	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.0	18.7	0.337	0.361	0.134	0.144	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	19.0	18.5	0.546	0.613	0.198	0.222	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	19.0	18.7	0.570	0.611	0.206	0.221	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	19.0	18.5	0.009	0.010	0.004	0.004	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	19.0	18.7	0.009	0.010	0.003	0.003	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	19.0	18.5	0.604	0.678	0.261	0.293	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.0	18.7	0.611	0.655	0.265	0.284	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	20.2	19.6	0.148	0.170	0.078	0.090	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	20.2	19.6	0.157	0.180	0.083	0.095	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	20.2	19.6	0.074	0.085	0.040	0.046	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	20.2	19.6	0.074	0.085	0.040	0.046	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	20.2	19.6	0.073	0.084	0.041	0.047	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	20.2	19.6	0.074	0.085	0.041	0.047	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	20.2	19.6	0.124	0.142	0.064	0.073	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	20.2	19.6	0.127	0.146	0.065	0.075	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	19.2	19.0	0.754	0.790	0.344	0.360	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.2	19.1	0.757	0.775	0.346	0.354	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	19.2	19.0	0.528	0.553	0.258	0.270	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.2	19.1	0.535	0.547	0.260	0.266	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	19.2	19.0	0.106	0.111	0.051	0.053	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	19.2	19.1	0.108	0.111	0.052	0.053	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	1	49	19.2	18.7	0.818	0.918	0.371	0.416	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	50	24	19.2	18.9	0.838	0.898	0.380	0.407	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	19.2	19.0	0.832	0.871	0.371	0.388	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.2	19.1	0.846	0.866	0.376	0.385	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	100	0	19.2	19.0	0.856	0.896	0.384	0.402	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	1	49	19.2	19.0	0.791	0.828	0.352	0.369	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	50	24	19.2	19.1	0.814	0.833	0.361	0.369	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	49	19.2	18.3	0.539	0.663	0.227	0.279	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	50	24	19.2	18.5	0.545	0.640	0.230	0.270	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	19.2	18.1	0.612	0.788	0.256	0.330	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	19.2	18.1	0.620	0.799	0.258	0.332	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	100	0	19.2	18.1	0.620	0.799	0.258	0.332	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	1	49	19.2	18.0	0.686	0.904	0.284	0.374	21
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	50	24	19.2	18.1	0.693	0.893	0.288	0.371	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	19.2	18.1	0.227	0.292	0.112	0.144	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	19.2	18.1	0.228	0.294	0.113	0.146	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	19.2	18.1	0.136	0.175	0.071	0.091	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	19.2	18.1	0.145	0.187	0.078	0.100	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	19.2	18.1	0.045	0.058	0.023	0.030	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	19.2	18.1	0.045	0.058	0.023	0.030	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	18.2	17.5	0.425	0.499	0.187	0.220	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	18.2	17.4	0.423	0.509	0.186	0.224	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	18.2	17.5	0.239	0.281	0.107	0.126	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	18.2	17.4	0.252	0.303	0.113	0.136	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	18.2	17.5	0.036	0.042	0.017	0.020	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	18.2	17.4	0.037	0.044	0.017	0.020	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	18.2	17.5	0.629	0.739	0.255	0.300	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	18.2	17.7	0.647	0.726	0.263	0.295	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	18.2	17.5	0.711	0.835	0.288	0.338	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	18.2	17.4	0.721	0.867	0.291	0.350	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	18.2	17.3	0.713	0.877	0.289	0.356	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	18.2	17.4	0.717	0.862	0.289	0.347	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	18.2	17.4	0.743	0.893	0.298	0.358	

UL CA 7C

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21001	2525.1	1	99	21199	2544.9	1	0	23.0	22.4	0.121	0.139	0.066	0.076	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	20.0	19.3	0.324	0.381	0.144	0.169	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	99	21048	2529.8	1	0	20.0	19.3	0.474	0.557	0.202	0.237	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21001	2525.1	1	99	21199	2544.9	1	0	17.0	15.9	0.342	0.441	0.135	0.174	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21152	2540.2	1	99	21350	2560	1	0	19.0	18.1	0.499	0.614	0.204	0.251	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	20.2	19.4	0.110	0.132	0.054	0.065	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	19.2	18.5	0.446	0.524	0.200	0.235	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	1	99	21048	2529.8	1	0	19.2	18.5	0.386	0.454	0.169	0.199	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21152	2540.2	1	99	21350	2560	1	0	19.2	18.0	0.405	0.534	0.170	0.224	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	18.2	17.3	0.228	0.281	0.100	0.123	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21152	2540.2	1	99	21350	2560	1	0	18.2	17.3	0.335	0.412	0.141	0.173	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

10.8. LTE Band 12 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	25.7	25.4	0.134	0.144	0.108	0.114	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.7	24.5	0.105	0.110	0.084	0.088	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.7	25.4	0.077	0.083	0.062	0.066	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.7	24.5	0.060	0.063	0.049	0.051	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.7	25.4	0.141	0.151	0.114	0.122	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.7	24.5	0.112	0.117	0.091	0.095	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.7	25.4	0.070	0.075	0.058	0.062	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.7	24.5	0.056	0.059	0.046	0.048	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.7	25.4	0.409	0.438	0.261	0.280	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.7	24.5	0.323	0.338	0.206	0.216	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.7	25.4	0.218	0.234	0.146	0.156	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.7	24.5	0.177	0.185	0.119	0.125	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	25.7	25.4	0.700	0.750	0.471	0.505	22
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	24.7	24.5	0.550	0.576	0.369	0.386	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.7	25.4	0.173	0.185	0.080	0.086	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.7	24.5	0.140	0.147	0.065	0.068	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.7	25.4	0.375	0.402	0.250	0.268	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.7	24.5	0.303	0.317	0.203	0.213	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	24.2	23.6	0.499	0.573	0.338	0.388	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	23.7	23.2	0.446	0.500	0.273	0.306	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	24.2	23.6	0.414	0.475	0.227	0.261	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	23.7	23.2	0.379	0.425	0.208	0.233	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	24.2	23.6	0.563	0.646	0.375	0.431	23
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	23.7	23.2	0.514	0.577	0.342	0.384	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	24.2	23.6	0.455	0.522	0.253	0.290	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	23.7	23.2	0.415	0.466	0.231	0.259	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	24.7	24.3	0.487	0.534	0.278	0.305	24
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	23.7	23.3	0.394	0.432	0.226	0.248	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	24.7	24.3	0.228	0.250	0.157	0.172	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	23.7	23.3	0.185	0.203	0.126	0.138	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	1	25	24.7	24.3	0.159	0.174	0.081	0.089	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	25	12	23.7	23.3	0.130	0.143	0.066	0.072	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	24.7	24.3	0.237	0.260	0.156	0.171	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	23.7	23.3	0.192	0.211	0.127	0.139	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	24.7	24.3	0.402	0.441	0.267	0.293	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	23.7	23.3	0.327	0.359	0.217	0.238	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	25.4	25.1	0.047	0.050	0.037	0.040	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.4	24.2	0.049	0.051	0.038	0.040	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.4	25.1	0.029	0.031	0.024	0.026	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.4	24.2	0.029	0.030	0.024	0.025	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.4	25.1	0.036	0.039	0.029	0.031	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.4	24.2	0.037	0.039	0.030	0.031	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.4	25.1	0.023	0.025	0.019	0.020	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.4	24.2	0.023	0.024	0.019	0.020	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.4	25.1	0.440	0.471	0.232	0.249	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.4	24.2	0.353	0.370	0.186	0.195	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.4	25.1	0.261	0.280	0.136	0.146	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.4	24.2	0.210	0.220	0.110	0.115	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.4	25.1	0.221	0.237	0.093	0.100	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.4	24.2	0.176	0.184	0.074	0.077	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.4	25.1	0.439	0.470	0.295	0.316	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.4	24.2	0.352	0.369	0.237	0.248	

10.9. LTE Band 13 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	25.7	25.6	0.137	0.140	0.107	0.109	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.7	24.5	0.109	0.114	0.085	0.089	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.7	25.6	0.094	0.096	0.074	0.076	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.7	24.5	0.073	0.076	0.058	0.061	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.7	25.6	0.160	0.164	0.127	0.130	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.7	24.5	0.127	0.133	0.101	0.106	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.7	25.6	0.088	0.090	0.071	0.073	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.7	24.5	0.069	0.072	0.056	0.059	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.7	25.6	0.494	0.506	0.311	0.318	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.7	24.5	0.391	0.409	0.247	0.259	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.7	25.6	0.256	0.262	0.170	0.174	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.7	24.5	0.210	0.220	0.134	0.140	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	25.7	25.6	0.609	0.623	0.405	0.414	25
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	24.7	24.5	0.483	0.506	0.320	0.335	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.7	25.6	0.270	0.276	0.123	0.126	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.7	24.5	0.211	0.221	0.096	0.101	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.7	25.6	0.221	0.226	0.147	0.150	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.7	24.5	0.175	0.183	0.117	0.123	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	23.7	22.7	0.536	0.675	0.364	0.458	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	23.7	22.7	0.532	0.670	0.361	0.454	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	23.7	22.7	0.421	0.530	0.232	0.292	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	23.7	22.7	0.422	0.531	0.232	0.292	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	23.7	22.7	0.672	0.846	0.443	0.558	26
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	23.7	22.7	0.654	0.823	0.436	0.549	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	50	0	23.7	22.8	0.671	0.826	0.434	0.534	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	23.7	22.7	0.431	0.543	0.243	0.306	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	23.7	22.7	0.438	0.551	0.244	0.307	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	24.7	24.5	0.797	0.835	0.464	0.486	27
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	23.7	23.5	0.627	0.657	0.364	0.381	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	24.7	24.5	0.232	0.243	0.156	0.163	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	23.7	23.5	0.240	0.251	0.160	0.168	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	1	25	24.7	24.5	0.188	0.197	0.095	0.099	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	25	12	23.7	23.5	0.185	0.194	0.094	0.098	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	24.7	24.5	0.159	0.166	0.104	0.109	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	23.7	23.5	0.158	0.165	0.103	0.108	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	24.7	24.5	0.196	0.205	0.129	0.135	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	23.7	23.5	0.195	0.204	0.128	0.134	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	25.4	25.0	0.093	0.102	0.071	0.078	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.4	24.0	0.073	0.080	0.055	0.060	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.4	25.0	0.048	0.053	0.039	0.043	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.4	24.0	0.039	0.043	0.031	0.034	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.4	25.0	0.074	0.081	0.059	0.065	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.4	24.0	0.059	0.065	0.047	0.052	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.4	25.0	0.053	0.058	0.042	0.046	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.4	24.0	0.043	0.047	0.034	0.037	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.4	25.0	0.637	0.698	0.346	0.379	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.4	24.0	0.503	0.552	0.274	0.300	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.4	25.0	0.353	0.387	0.195	0.214	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.4	24.0	0.283	0.310	0.157	0.172	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.4	25.0	0.252	0.276	0.111	0.122	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.4	24.0	0.197	0.216	0.087	0.095	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.4	25.0	0.377	0.413	0.161	0.177	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.4	24.0	0.300	0.329	0.129	0.141	

10.10. LTE Band 14 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	25.7	25.3	0.125	0.137	0.097	0.106	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.7	24.3	0.099	0.109	0.077	0.084	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.7	25.3	0.075	0.082	0.060	0.066	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.7	24.3	0.061	0.067	0.049	0.054	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.7	25.3	0.149	0.163	0.119	0.130	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.7	24.3	0.119	0.130	0.094	0.103	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.7	25.3	0.072	0.079	0.057	0.062	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.7	24.3	0.058	0.064	0.046	0.050	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.7	25.3	0.441	0.484	0.290	0.318	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.7	24.3	0.354	0.388	0.232	0.254	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.7	25.3	0.236	0.259	0.150	0.164	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.7	24.3	0.190	0.208	0.120	0.132	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	25.7	25.3	0.534	0.586	0.352	0.386	28
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	24.7	24.3	0.432	0.474	0.284	0.311	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.7	25.3	0.233	0.255	0.106	0.116	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.7	24.3	0.189	0.207	0.086	0.094	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.7	25.3	0.189	0.207	0.125	0.137	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.7	24.3	0.152	0.167	0.101	0.111	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	23.7	22.7	0.578	0.728	0.391	0.492	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	23.7	22.6	0.576	0.742	0.391	0.504	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	23.7	22.7	0.451	0.568	0.248	0.312	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	23.7	22.6	0.449	0.578	0.247	0.318	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	23.7	22.7	0.647	0.815	0.432	0.544	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	23.7	22.6	0.655	0.844	0.434	0.559	29
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	50	0	23.7	22.7	0.655	0.825	0.417	0.525	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	23.7	22.7	0.427	0.538	0.236	0.297	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	23.7	22.6	0.429	0.553	0.237	0.305	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	24.7	24.5	0.822	0.861	0.491	0.514	30
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	23.7	23.5	0.658	0.689	0.393	0.412	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	24.7	24.5	0.258	0.270	0.172	0.180	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	23.7	23.5	0.254	0.266	0.170	0.178	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	1	25	24.7	24.5	0.195	0.204	0.100	0.105	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	25	12	23.7	23.5	0.194	0.203	0.099	0.104	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	24.7	24.5	0.189	0.198	0.123	0.129	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	23.7	23.5	0.186	0.195	0.122	0.128	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	24.7	24.5	0.178	0.186	0.117	0.123	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	23.7	23.5	0.173	0.181	0.114	0.119	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	25.4	25.0	0.092	0.101	0.071	0.078	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.4	24.1	0.073	0.078	0.056	0.060	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.4	25.0	0.049	0.054	0.039	0.043	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.4	24.1	0.039	0.042	0.031	0.033	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.4	25.0	0.094	0.103	0.075	0.082	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.4	24.1	0.076	0.081	0.060	0.064	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.4	25.0	0.058	0.064	0.046	0.050	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.4	24.1	0.047	0.050	0.037	0.040	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.4	25.0	0.605	0.663	0.330	0.362	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.4	24.1	0.481	0.515	0.262	0.281	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.4	25.0	0.271	0.297	0.160	0.175	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.4	24.1	0.221	0.237	0.130	0.139	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.4	25.0	0.256	0.281	0.113	0.124	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.4	24.1	0.208	0.223	0.092	0.099	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.4	25.0	0.427	0.468	0.177	0.194	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.4	24.1	0.336	0.360	0.139	0.149	

10.11. LTE Band 25 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	24.5	24.4	0.063	0.064	0.042	0.043	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	24.5	24.5	0.066	0.066	0.043	0.043	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	24.5	24.4	0.071	0.073	0.044	0.045	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	24.5	24.5	0.072	0.072	0.045	0.045	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	24.5	24.4	0.126	0.129	0.078	0.080	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	24.5	24.5	0.135	0.135	0.083	0.083	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	24.5	24.4	0.072	0.074	0.045	0.046	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	24.5	24.5	0.074	0.074	0.047	0.047	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	22.0	21.0	0.725	0.913	0.316	0.398	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	22.0	21.0	0.751	0.945	0.327	0.412	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	22.0	20.9	0.705	0.908	0.306	0.394	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	22.0	21.0	0.718	0.904	0.312	0.393	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	22.0	21.0	0.710	0.894	0.309	0.389	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	22.0	21.0	0.661	0.832	0.287	0.361	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	22.0	21.1	0.673	0.828	0.292	0.359	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	22.0	20.9	0.299	0.385	0.169	0.218	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	22.0	21.0	0.305	0.384	0.170	0.214	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	22.0	20.9	0.474	0.611	0.221	0.285	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	22.0	21.0	0.483	0.608	0.226	0.285	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	22.0	20.9	0.316	0.407	0.163	0.210	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	22.0	21.0	0.328	0.413	0.171	0.215	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	22.0	20.9	0.029	0.037	0.016	0.021	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	22.0	21.0	0.028	0.035	0.015	0.019	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	19.5	18.6	0.166	0.204	0.102	0.125	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	19.5	18.7	0.165	0.198	0.102	0.123	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	19.5	18.6	0.129	0.159	0.072	0.089	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	19.5	18.7	0.126	0.151	0.070	0.084	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	19.5	18.6	0.570	0.701	0.297	0.365	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	19.5	18.7	0.584	0.702	0.304	0.365	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	19.5	18.6	0.411	0.506	0.195	0.240	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	19.5	18.7	0.421	0.506	0.199	0.239	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	19.2	18.3	0.612	0.753	0.281	0.346	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	19.2	18.3	0.624	0.768	0.287	0.353	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	19.2	18.3	0.242	0.298	0.122	0.150	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	19.2	18.3	0.238	0.293	0.121	0.149	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	19.2	18.3	0.240	0.295	0.101	0.124	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	19.2	18.3	0.239	0.294	0.101	0.124	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	19.2	18.3	0.007	0.009	0.004	0.005	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	19.2	18.3	0.006	0.007	0.003	0.004	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	19.2	18.3	0.476	0.586	0.225	0.277	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	19.2	18.3	0.492	0.605	0.233	0.287	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	21.2	21.1	0.141	0.144	0.089	0.091	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	21.2	21.2	0.143	0.143	0.090	0.090	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	21.2	21.1	0.079	0.081	0.050	0.051	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	21.2	21.2	0.080	0.080	0.051	0.051	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	21.2	21.1	0.068	0.070	0.045	0.046	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	21.2	21.2	0.071	0.071	0.047	0.047	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	21.2	21.1	0.046	0.047	0.026	0.027	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	21.2	21.2	0.046	0.046	0.026	0.026	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	20.5	19.5	0.650	0.818	0.347	0.437	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	20.5	19.6	0.672	0.827	0.357	0.439	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	20.5	19.6	0.715	0.880	0.382	0.470	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	20.5	19.7	0.722	0.868	0.385	0.463	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	20.5	19.6	0.722	0.888	0.386	0.475	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	20.5	19.5	0.730	0.919	0.387	0.487	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	20.5	19.6	0.758	0.933	0.402	0.495	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	20.5	19.6	0.391	0.481	0.230	0.283	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	20.5	19.7	0.397	0.477	0.234	0.281	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	20.5	19.6	0.119	0.146	0.060	0.074	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	20.5	19.7	0.124	0.149	0.063	0.076	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	20.5	19.6	0.490	0.603	0.258	0.317	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	20.5	19.7	0.496	0.596	0.261	0.314	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (m)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	1	49	19.2	18.3	0.742	0.913	0.414	0.509	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	50	24	19.2	18.5	0.759	0.892	0.422	0.496	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	19.2	18.6	0.815	0.936	0.453	0.520	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	19.2	18.6	0.819	0.940	0.455	0.522	31
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	100	0	19.2	18.6	0.815	0.936	0.451	0.518	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	1	49	19.2	18.7	0.795	0.892	0.440	0.494	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	50	24	19.2	18.9	0.802	0.859	0.443	0.475	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	19.2	18.6	0.407	0.467	0.225	0.258	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	19.2	18.6	0.420	0.482	0.232	0.266	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	19.2	18.6	0.282	0.324	0.175	0.201	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	19.2	18.6	0.288	0.331	0.178	0.204	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	19.2	18.6	0.216	0.248	0.128	0.147	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	19.2	18.6	0.216	0.248	0.127	0.146	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	20.2	19.5	0.764	0.898	0.408	0.479	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	20.2	19.6	0.786	0.902	0.419	0.481	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	20.2	19.5	0.740	0.869	0.390	0.458	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	20.2	19.6	0.758	0.870	0.400	0.459	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	20.2	19.5	0.757	0.889	0.399	0.469	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	20.2	19.7	0.844	0.947	0.444	0.498	32
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	20.2	19.7	0.817	0.917	0.432	0.485	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	20.2	19.5	0.127	0.149	0.076	0.089	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	20.2	19.6	0.132	0.152	0.079	0.091	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	20.2	19.5	0.144	0.169	0.076	0.089	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	20.2	19.6	0.148	0.170	0.078	0.090	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	20.2	19.5	0.660	0.775	0.335	0.394	33
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	20.2	19.6	0.666	0.765	0.331	0.380	

10.12. LTE Band 26 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	25.7	25.5	0.150	0.157	0.115	0.120	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.7	24.5	0.117	0.123	0.089	0.093	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.7	25.5	0.065	0.068	0.051	0.053	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.7	24.5	0.051	0.053	0.040	0.042	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.7	25.5	0.131	0.137	0.104	0.109	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.7	24.5	0.106	0.111	0.083	0.087	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.7	25.5	0.082	0.086	0.062	0.065	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.7	24.5	0.064	0.067	0.049	0.051	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.7	25.5	0.545	0.571	0.359	0.376	34
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.7	24.5	0.427	0.447	0.282	0.295	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.7	25.5	0.269	0.282	0.188	0.197	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.7	24.5	0.210	0.220	0.147	0.154	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	25.7	25.5	0.278	0.291	0.181	0.190	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	24.7	24.5	0.219	0.229	0.143	0.150	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.7	25.5	0.181	0.190	0.086	0.090	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.7	24.5	0.144	0.151	0.068	0.071	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.7	25.5	0.296	0.310	0.194	0.203	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.7	24.5	0.234	0.245	0.153	0.160	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	23.5	23.0	0.377	0.423	0.276	0.310	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	23.5	23.0	0.385	0.432	0.281	0.315	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	23.5	23.0	0.347	0.389	0.192	0.215	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	23.5	23.0	0.349	0.392	0.193	0.217	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819	1	25	23.5	23.0	0.733	0.822	0.476	0.534	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819	25	12	23.5	23.0	0.750	0.842	0.484	0.543	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	23.5	23.0	0.760	0.853	0.497	0.558	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	23.5	23.0	0.774	0.868	0.506	0.568	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	50	0	23.5	22.9	0.771	0.885	0.503	0.578	35
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26990	844	1	25	23.5	23.0	0.784	0.880	0.512	0.574	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26990	844	25	12	23.5	23.0	0.782	0.877	0.510	0.572	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	23.5	23.0	0.389	0.436	0.219	0.246	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	23.5	23.0	0.390	0.438	0.220	0.247	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	24.7	24.1	0.487	0.559	0.298	0.342	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	23.7	23.1	0.394	0.452	0.242	0.278	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	24.7	24.1	0.282	0.324	0.194	0.223	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	23.7	23.1	0.230	0.264	0.159	0.183	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	1	25	24.7	24.1	0.223	0.256	0.102	0.117	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	25	12	23.7	23.1	0.177	0.203	0.080	0.092	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	24.7	24.1	0.151	0.173	0.100	0.115	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	23.7	23.1	0.122	0.140	0.080	0.092	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	24.7	24.1	0.154	0.177	0.099	0.114	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	23.7	23.1	0.125	0.144	0.080	0.092	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	25.4	25.2	0.104	0.109	0.080	0.084	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.4	24.3	0.082	0.084	0.063	0.064	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.4	25.2	0.053	0.055	0.042	0.044	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.4	24.3	0.042	0.043	0.034	0.035	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.4	25.2	0.083	0.087	0.066	0.069	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.4	24.3	0.066	0.068	0.053	0.054	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.4	25.2	0.050	0.052	0.039	0.041	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.4	24.3	0.031	0.032	0.025	0.026	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.4	25.2	0.404	0.423	0.237	0.248	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.4	24.3	0.326	0.334	0.191	0.195	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.4	25.2	0.286	0.299	0.163	0.171	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.4	24.3	0.228	0.233	0.130	0.133	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.4	25.2	0.323	0.338	0.124	0.130	36
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.4	24.3	0.258	0.264	0.100	0.102	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.4	25.2	0.267	0.280	0.121	0.127	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.4	24.3	0.209	0.214	0.095	0.097	

10.13. LTE Band 30 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	22.2	22.2	0.075	0.075	0.046	0.046	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	22.2	22.2	0.075	0.075	0.045	0.045	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	22.2	22.2	0.042	0.042	0.024	0.024	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	22.2	22.2	0.042	0.042	0.024	0.024	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	22.2	22.2	0.141	0.141	0.080	0.080	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	22.2	22.2	0.138	0.138	0.079	0.079	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	22.2	22.2	0.042	0.042	0.024	0.024	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	22.2	22.2	0.042	0.042	0.024	0.024	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	20.0	19.8	0.585	0.613	0.272	0.285	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	20.0	19.9	0.579	0.592	0.267	0.273	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	20.0	19.8	0.321	0.336	0.155	0.162	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	20.0	19.9	0.323	0.331	0.156	0.160	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	20.0	19.8	0.865	0.906	0.380	0.398	37
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	20.0	19.9	0.865	0.885	0.380	0.389	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	20.0	19.9	0.856	0.876	0.377	0.386	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	20.0	19.8	0.186	0.195	0.077	0.081	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	20.0	19.9	0.186	0.190	0.077	0.079	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	20.0	19.8	0.050	0.052	0.023	0.024	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	20.0	19.9	0.051	0.052	0.024	0.025	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	19.5	18.6	0.395	0.486	0.161	0.198	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	19.5	18.6	0.404	0.497	0.164	0.202	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	19.5	18.6	0.500	0.615	0.201	0.247	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	19.5	18.6	0.511	0.629	0.206	0.253	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	19.5	18.6	0.712	0.876	0.326	0.401	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	19.5	18.6	0.713	0.877	0.327	0.402	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	50	0	19.5	18.6	0.709	0.872	0.324	0.399	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	19.5	18.6	0.552	0.679	0.230	0.283	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	19.5	18.6	0.561	0.690	0.239	0.294	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.7	19.4	0.853	0.914	0.366	0.392	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.7	19.5	0.857	0.897	0.368	0.385	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	19.7	19.5	0.856	0.896	0.367	0.384	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.7	19.4	0.316	0.339	0.153	0.164	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.7	19.5	0.213	0.223	0.107	0.112	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	19.7	19.4	0.364	0.390	0.145	0.155	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	19.7	19.5	0.370	0.387	0.149	0.156	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	19.7	19.4	0.037	0.040	0.018	0.019	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	19.7	19.5	0.036	0.038	0.018	0.019	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	19.7	19.4	0.793	0.850	0.356	0.381	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	19.7	19.5	0.810	0.848	0.362	0.379	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	50	0	19.7	19.5	0.806	0.844	0.360	0.377	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	21.0	21.0	0.135	0.135	0.077	0.077	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.0	21.0	0.136	0.136	0.077	0.077	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.0	21.0	0.063	0.063	0.032	0.032	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.0	21.0	0.069	0.069	0.035	0.035	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.0	21.0	0.074	0.074	0.043	0.043	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.0	21.0	0.073	0.073	0.043	0.043	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.0	21.0	0.089	0.089	0.047	0.047	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.0	21.0	0.091	0.091	0.048	0.048	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	20.2	19.5	0.773	0.908	0.330	0.388	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	20.2	19.5	0.785	0.922	0.335	0.394	38
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	20.2	19.5	0.770	0.905	0.328	0.385	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	20.2	19.5	0.428	0.503	0.213	0.250	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	20.2	19.5	0.431	0.506	0.214	0.251	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	20.2	19.5	0.194	0.228	0.095	0.112	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	20.2	19.5	0.193	0.227	0.095	0.112	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	20.2	19.5	0.494	0.580	0.242	0.284	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	20.2	19.5	0.487	0.572	0.240	0.282	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	21.5	21.1	0.842	0.923	0.423	0.464	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.5	21.1	0.851	0.933	0.426	0.467	39
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	50	0	21.5	21.1	0.847	0.929	0.422	0.463	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.5	21.1	0.426	0.467	0.211	0.231	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.5	21.1	0.435	0.477	0.216	0.237	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.5	21.1	0.297	0.326	0.173	0.190	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.5	21.1	0.304	0.333	0.178	0.195	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.5	21.1	0.136	0.149	0.075	0.082	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.5	21.1	0.139	0.152	0.077	0.084	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.0	18.1	0.703	0.865	0.343	0.422	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.0	18.2	0.708	0.851	0.345	0.415	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	19.0	18.1	0.702	0.864	0.341	0.420	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.0	18.1	0.337	0.415	0.164	0.202	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.0	18.2	0.340	0.409	0.166	0.200	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	19.0	18.1	0.052	0.064	0.022	0.027	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	19.0	18.2	0.053	0.064	0.023	0.028	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	19.0	18.1	0.675	0.830	0.312	0.384	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	19.0	18.2	0.679	0.816	0.314	0.378	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	19.0	18.2	0.556	0.684	0.251	0.309	

10.14. LTE Band 41 PC3 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	25.2	24.9	0.028	0.030	0.014	0.015	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	24.7	24.5	0.025	0.026	0.012	0.013	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	25.2	24.9	0.031	0.033	0.015	0.016	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	24.7	24.5	0.029	0.030	0.014	0.015	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	25.2	24.9	0.084	0.090	0.046	0.049	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	24.7	24.5	0.077	0.081	0.042	0.044	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	25.2	24.9	0.064	0.069	0.031	0.033	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	24.7	24.5	0.058	0.061	0.028	0.029	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	22.0	21.1	0.469	0.577	0.213	0.262	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	22.0	21.3	0.471	0.553	0.214	0.251	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	22.0	21.1	0.294	0.362	0.123	0.151	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	22.0	21.3	0.295	0.347	0.123	0.145	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	22.0	21.1	0.545	0.670	0.230	0.283	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	22.0	21.3	0.549	0.645	0.232	0.273	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	22.0	21.1	0.457	0.562	0.177	0.218	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	22.0	21.3	0.467	0.549	0.180	0.211	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	22.0	21.1	0.222	0.273	0.095	0.117	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	22.0	21.3	0.222	0.261	0.095	0.112	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	18.5	17.5	0.365	0.460	0.147	0.185	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	18.5	17.5	0.369	0.465	0.148	0.186	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	18.5	17.5	0.452	0.569	0.177	0.223	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	18.5	17.5	0.467	0.588	0.182	0.229	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	18.5	17.5	0.557	0.701	0.218	0.274	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	18.5	17.5	0.561	0.706	0.218	0.274	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	18.5	17.5	0.493	0.621	0.183	0.230	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	18.5	17.5	0.491	0.618	0.182	0.229	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	49	20.5	19.8	0.795	0.934	0.316	0.371	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	50	24	20.5	19.9	0.810	0.930	0.321	0.369	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	1	49	20.5	19.9	0.811	0.931	0.322	0.370	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	50	24	20.5	19.9	0.825	0.947	0.328	0.377	40
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.5	19.7	0.736	0.885	0.287	0.345	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.5	19.8	0.749	0.880	0.291	0.342	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	100	0	20.5	19.9	0.751	0.862	0.291	0.334	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	1	49	20.5	19.6	0.701	0.862	0.274	0.337	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	50	24	20.5	19.7	0.713	0.857	0.280	0.337	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	1	49	20.5	19.4	0.651	0.839	0.256	0.330	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	50	24	20.5	19.6	0.670	0.824	0.264	0.325	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.5	19.7	0.368	0.442	0.146	0.176	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.5	19.8	0.377	0.443	0.152	0.179	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	20.5	19.7	0.588	0.707	0.214	0.257	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	20.5	19.8	0.597	0.701	0.218	0.256	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	20.5	19.7	0.016	0.019	0.007	0.008	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	20.5	19.8	0.016	0.019	0.008	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	20.5	19.7	0.569	0.684	0.247	0.297	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	20.5	19.8	0.566	0.665	0.246	0.289	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	22.7	22.1	0.179	0.206	0.091	0.104	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	22.7	22.3	0.186	0.204	0.094	0.103	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	22.7	22.1	0.057	0.065	0.030	0.034	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	22.7	22.3	0.061	0.067	0.032	0.035	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	22.7	22.1	0.080	0.092	0.043	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	22.7	22.3	0.083	0.091	0.045	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	22.7	22.1	0.107	0.123	0.053	0.061	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	22.7	22.3	0.110	0.121	0.055	0.060	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	21.8	21.5	0.687	0.736	0.300	0.321	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	21.8	21.5	0.706	0.756	0.307	0.329	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	21.8	21.5	0.403	0.432	0.192	0.206	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	21.8	21.5	0.420	0.450	0.199	0.213	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	21.8	21.5	0.075	0.080	0.037	0.040	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	21.8	21.5	0.078	0.084	0.038	0.041	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	21.8	21.5	0.708	0.759	0.306	0.328	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	21.8	21.5	0.724	0.776	0.313	0.335	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	1	49	21.5	20.6	0.496	0.610	0.203	0.250	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	50	24	21.5	20.6	0.509	0.626	0.207	0.255	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	1	49	21.5	20.5	0.431	0.543	0.184	0.232	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	50	24	21.5	20.7	0.446	0.536	0.191	0.230	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	21.5	20.4	0.682	0.879	0.274	0.353	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	21.5	20.5	0.702	0.884	0.282	0.355	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	100	0	21.5	20.5	0.715	0.900	0.283	0.356	41
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	1	49	21.5	20.2	0.522	0.704	0.219	0.295	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	50	24	21.5	20.4	0.533	0.687	0.225	0.290	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	1	49	21.5	20.2	0.635	0.857	0.253	0.341	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	50	24	21.5	20.2	0.650	0.877	0.260	0.351	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	21.5	20.4	0.253	0.326	0.124	0.160	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	21.5	20.5	0.248	0.312	0.121	0.152	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	21.5	20.4	0.156	0.201	0.084	0.108	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	21.5	20.5	0.158	0.199	0.086	0.108	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	21.5	20.4	0.068	0.088	0.032	0.041	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	21.5	20.5	0.069	0.087	0.033	0.042	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.2	19.4	0.410	0.493	0.182	0.219	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.2	19.3	0.422	0.519	0.186	0.229	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.2	19.4	0.219	0.263	0.095	0.114	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.2	19.3	0.228	0.281	0.098	0.121	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	20.2	19.4	0.029	0.035	0.013	0.016	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	20.2	19.3	0.032	0.039	0.015	0.018	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	49	20.2	19.3	0.512	0.630	0.211	0.260	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	24	20.2	19.5	0.517	0.607	0.213	0.250	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	49	20.2	19.3	0.602	0.741	0.246	0.303	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	20.2	19.6	0.613	0.704	0.251	0.288	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	20.2	19.4	0.687	0.826	0.278	0.334	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	20.2	19.3	0.703	0.865	0.285	0.351	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	100	0	20.2	19.2	0.688	0.866	0.279	0.351	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	49	20.2	19.2	0.721	0.908	0.290	0.365	42
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	24	20.2	19.3	0.729	0.897	0.293	0.360	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	1	49	20.2	19.1	0.677	0.872	0.278	0.358	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	50	24	20.2	19.3	0.694	0.854	0.285	0.351	

UL CA 41C PC3

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40521	2583.1	1	99	40719	2602.9	1	0	25.2	24.7	0.071	0.080	0.036	0.040	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	22.0	21.9	0.186	0.190	0.079	0.081	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40521	2583.1	1	99	40719	2602.9	1	0	22.0	21.9	0.395	0.404	0.167	0.171	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset													
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40521	2583.1	1	99	40719	2602.9	1	0	18.5	17.3	0.361	0.476	0.148	0.195	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	99	39948	2525.8	1	0	20.5	19.7	0.380	0.457	0.159	0.191	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset													
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	22.7	22.0	0.084	0.099	0.043	0.051	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	21.8	21.4	0.206	0.226	0.085	0.093	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40521	2583.1	1	99	40719	2602.9	1	0	21.8	21.4	0.457	0.501	0.202	0.221	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset													
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	21.5	20.4	0.398	0.513	0.167	0.215	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.2	19.3	0.356	0.438	0.151	0.186	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41292	2660.2	1	99	41490	2680	1	0	20.2	19.1	0.458	0.590	0.190	0.245	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power. Additional SAR for UL CA PC2 is not required. Test reduction has been applied based on standalone SAR.

10.15. LTE Band 41 PC2 (20MHz Bandwidth)

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 43.3% is used for Power Class 2 SAR test.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 1	Head	43.3%	26.8	207.3	63.3%	25.2	209.6	0.090	0.089	-1.1%	No
ANT 1	Body & Hotspot	43.3%	23.6	99.2	63.3%	22	100.3	0.577	0.570	-1.2%	No
ANT 1	Hotspot	43.3%	23.6	99.2	63.3%	22	100.3	0.670	0.663	-1.1%	No
Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 2	Head	43.3%	20.1	44.3	63.3%	18.5	44.8	0.706	0.698	-1.2%	No
ANT 2	Body & Hotspot	43.3%	22.1	70.2	63.3%	20.5	71.0	0.947	0.937	-1.1%	No
ANT 2	Hotspot	43.3%	22.1	70.2	63.3%	20.5	71.0	0.707	0.699	-1.1%	No
Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 3	Head	43.3%	24.3	116.5	63.3%	22.7	117.9	0.206	0.203	-1.2%	No
ANT 3	Body & Hotspot	43.3%	23.4	94.7	63.3%	21.8	95.8	0.756	0.748	-1.1%	No
ANT 3	Hotspot	43.3%	23.4	94.7	63.3%	21.8	95.8	0.776	0.767	-1.1%	No
Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	43.3%	23.1	88.4	63.3%	21.5	89.4	0.900	0.890	-1.1%	No
ANT 4	Body & Hotspot	43.3%	21.8	65.5	63.3%	20.2	66.3	0.519	0.513	-1.2%	No
ANT 4	Hotspot	43.3%	21.8	65.5	63.3%	20.2	66.3	0.908	0.898	-1.1%	No

Conclusion:

SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.16. LTE Band 48 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	23.5	22.6	0.035	0.043	0.013	0.016	
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.5	22.8	0.036	0.042	0.013	0.015	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.5	22.6	0.015	0.018	0.006	0.007	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.5	22.8	0.014	0.016	0.006	0.007	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.5	22.6	0.090	0.111	0.040	0.049	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.5	22.8	0.090	0.106	0.040	0.047	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.5	22.6	0.021	0.026	0.010	0.012	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.5	22.8	0.023	0.027	0.010	0.012	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.5	21.8	0.496	0.583	0.193	0.189	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.5	21.9	0.502	0.576	0.196	0.183	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.5	21.8	0.118	0.139	0.049	0.048	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.5	21.9	0.120	0.138	0.049	0.046	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	22.5	21.8	0.671	0.788	0.259	0.253	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	22.5	21.9	0.679	0.780	0.262	0.245	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.5	21.8	0.065	0.076	0.023	0.022	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	22.5	21.9	0.068	0.078	0.024	0.022	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	22.8	21.0	0.151	0.229	0.060	0.091	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	22.8	20.9	0.152	0.235	0.060	0.093	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	22.8	21.0	0.159	0.241	0.058	0.088	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	22.8	20.9	0.142	0.220	0.058	0.090	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	22.8	21.0	0.496	0.751	0.169	0.256	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	22.8	20.9	0.496	0.768	0.169	0.262	43
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	22.8	21.0	0.198	0.300	0.067	0.101	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	22.8	20.9	0.254	0.393	0.086	0.133	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.5	21.0	0.505	0.713	0.201	0.284	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.5	20.9	0.516	0.746	0.205	0.296	44
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.5	21.0	0.265	0.374	0.099	0.140	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.5	20.9	0.269	0.389	0.101	0.146	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	22.5	21.0	0.181	0.256	0.056	0.079	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	22.5	20.9	0.184	0.266	0.058	0.084	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	1	49	22.5	21.7	0.628	0.755	0.229	0.275	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	50	24	22.5	21.7	0.638	0.767	0.232	0.279	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	1	49	22.5	21.0	0.600	0.848	0.219	0.309	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	50	24	22.5	21.0	0.605	0.855	0.220	0.311	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	22.5	21.0	0.588	0.831	0.214	0.302	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	22.5	20.9	0.599	0.866	0.217	0.314	45
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	100	0	22.5	20.9	0.595	0.860	0.216	0.312	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	1	49	22.5	21.0	0.516	0.729	0.187	0.264	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	50	24	22.5	21.1	0.519	0.716	0.188	0.260	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	25.3	24.7	0.028	0.032	0.011	0.013	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	25.0	24.5	0.023	0.026	0.009	0.010	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	25.3	24.7	0.018	0.021	0.006	0.007	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	25.0	24.5	0.016	0.018	0.005	0.006	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	25.3	24.7	0.024	0.028	0.011	0.013	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	25.0	24.5	0.022	0.025	0.011	0.012	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	25.3	24.7	0.004	0.005	0.000	0.000	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	25.0	24.5	0.005	0.006	0.002	0.002	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.8	22.3	0.593	0.665	0.220	0.247	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.8	22.2	0.603	0.692	0.224	0.257	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.8	22.3	0.269	0.302	0.103	0.116	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.8	22.2	0.271	0.311	0.104	0.119	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.8	22.3	0.463	0.519	0.179	0.201	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	22.8	22.2	0.461	0.529	0.178	0.204	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	22.8	22.3	0.302	0.339	0.121	0.136	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	22.8	22.2	0.302	0.347	0.121	0.139	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	23.8	22.6	0.549	0.724	0.218	0.287	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.8	22.1	0.489	0.723	0.194	0.287	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.8	22.6	0.463	0.610	0.180	0.237	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.8	22.1	0.405	0.599	0.158	0.234	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.8	22.6	0.169	0.223	0.070	0.092	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.8	22.1	0.150	0.222	0.061	0.090	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.8	22.6	0.145	0.191	0.060	0.079	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.8	22.1	0.127	0.188	0.052	0.077	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	21.5	20.5	0.469	0.590	0.160	0.201	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	21.5	20.4	0.464	0.598	0.158	0.204	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	21.5	20.5	0.137	0.172	0.057	0.072	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	21.5	20.4	0.139	0.179	0.059	0.076	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	21.5	20.5	0.096	0.121	0.042	0.053	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	21.5	20.4	0.097	0.125	0.042	0.054	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	21.5	20.5	0.264	0.332	0.107	0.135	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	21.5	20.4	0.261	0.336	0.105	0.135	

UL CA 48C

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 7	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	23.5	22.5	0.016	0.020	0.007	0.009	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.5	21.7	0.306	0.368	0.121	0.145	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55891	3615.1	1	99	56089	3634.9	1	0	22.5	21.7	0.344	0.414	0.137	0.165	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	22.8	20.8	0.341	0.540	0.115	0.182	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.5	20.5	0.254	0.403	0.103	0.163	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55891	3615.1	1	99	56089	3634.9	1	0	22.5	20.5	0.360	0.571	0.133	0.211	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	55891	3615.1	1	99	56089	3634.9	1	0	25.0	24.4	0.012	0.014	0.005	0.006	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.8	21.9	0.367	0.452	0.133	0.164	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55891	3615.1	1	99	56089	3634.9	1	0	23.2	22.3	0.389	0.479	0.152	0.187	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	21.5	20.3	0.278	0.366	0.101	0.133	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power. Additional SAR for UL CA PC2 is not required. Test reduction has been applied based on standalone SAR.

10.17. LTE Band 53 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	25	20.7	20.5	0.022	0.023	0.012	0.013	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.7	20.5	0.023	0.024	0.012	0.013	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	20.5	0.016	0.017	0.007	0.007	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.7	20.5	0.015	0.016	0.007	0.007	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	20.5	0.064	0.067	0.033	0.035	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.7	20.5	0.061	0.064	0.032	0.034	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	20.5	0.023	0.024	0.012	0.013	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.7	20.5	0.021	0.022	0.010	0.010	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	20.5	0.392	0.410	0.161	0.169	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	20.5	0.400	0.419	0.164	0.172	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	20.5	0.206	0.216	0.095	0.099	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	20.5	0.209	0.219	0.096	0.101	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	20.5	0.519	0.543	0.214	0.224	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	20.5	0.513	0.537	0.210	0.220	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	1	25	20.7	20.5	0.117	0.123	0.046	0.048	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	25	12	20.7	20.5	0.113	0.118	0.045	0.047	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	20.5	0.059	0.062	0.026	0.027	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	20.5	0.057	0.060	0.025	0.026	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	25	18.5	17.7	0.450	0.541	0.177	0.213	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	18.5	17.7	0.455	0.547	0.180	0.216	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	18.5	17.7	0.484	0.582	0.185	0.222	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	18.5	17.7	0.493	0.593	0.189	0.227	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	18.5	17.7	0.630	0.757	0.251	0.302	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	18.5	17.7	0.643	0.773	0.256	0.308	46
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	18.5	17.7	0.599	0.720	0.228	0.274	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	18.5	17.7	0.608	0.731	0.231	0.278	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.5	19.9	0.807	0.927	0.318	0.365	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.5	19.9	0.817	0.938	0.321	0.369	47
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	50	0	20.5	19.9	0.810	0.930	0.319	0.366	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.5	19.9	0.476	0.547	0.196	0.225	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.5	19.9	0.494	0.567	0.204	0.234	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	1	25	20.5	19.9	0.509	0.584	0.182	0.209	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	25	12	20.5	19.9	0.509	0.584	0.181	0.208	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.5	19.9	0.036	0.041	0.016	0.018	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.5	19.9	0.032	0.037	0.015	0.017	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.5	19.9	0.612	0.703	0.264	0.303	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.5	19.9	0.623	0.715	0.268	0.308	48

10.18. LTE Band 66 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	25.0	25.0	0.056	0.056	0.040	0.040	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	24.7	24.7	0.053	0.053	0.038	0.038	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	25.0	25.0	0.061	0.061	0.041	0.041	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	24.7	24.7	0.057	0.057	0.038	0.038	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	25.0	25.0	0.096	0.096	0.064	0.064	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	24.7	24.7	0.091	0.091	0.060	0.060	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	25.0	25.0	0.053	0.053	0.037	0.037	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	24.7	24.7	0.051	0.051	0.035	0.035	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.7	18.9	0.392	0.471	0.194	0.233	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.7	18.8	0.395	0.486	0.195	0.240	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.7	18.9	0.246	0.296	0.125	0.150	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.7	18.8	0.247	0.304	0.126	0.155	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.7	18.9	0.083	0.100	0.045	0.054	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.7	18.8	0.084	0.103	0.045	0.055	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	1	49	19.7	18.8	0.757	0.931	0.375	0.461	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	50	24	19.7	18.9	0.778	0.935	0.384	0.462	49
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	19.7	18.9	0.698	0.839	0.347	0.417	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	19.7	18.8	0.706	0.869	0.351	0.432	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	100	0	19.7	18.9	0.718	0.863	0.356	0.428	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	1	49	19.7	18.8	0.659	0.811	0.328	0.404	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	50	24	19.7	18.8	0.673	0.828	0.334	0.411	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	19.7	18.9	0.023	0.028	0.013	0.016	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	19.7	18.8	0.022	0.027	0.013	0.016	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	23.0	22.0	0.297	0.374	0.187	0.235	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	23.0	22.1	0.299	0.368	0.188	0.231	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	23.0	22.0	0.196	0.247	0.115	0.145	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	23.0	22.1	0.182	0.224	0.110	0.135	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	1	49	23.0	22.0	0.607	0.764	0.369	0.465	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	50	24	23.0	22.1	0.625	0.769	0.380	0.468	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	23.0	22.0	0.678	0.854	0.401	0.505	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	23.0	22.1	0.677	0.833	0.400	0.492	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	100	0	23.0	22.1	0.676	0.832	0.400	0.492	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	1	49	23.0	22.0	0.744	0.937	0.436	0.549	50
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	50	24	23.0	22.1	0.739	0.909	0.433	0.533	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	23.0	22.0	0.498	0.627	0.250	0.315	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	23.0	22.1	0.502	0.618	0.252	0.310	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	22.0	21.1	0.615	0.757	0.277	0.341	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	22.0	21.1	0.619	0.762	0.274	0.337	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	22.0	21.1	0.229	0.282	0.132	0.162	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	22.0	21.1	0.230	0.283	0.133	0.164	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	22.0	21.1	0.249	0.306	0.108	0.133	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	22.0	21.1	0.254	0.312	0.111	0.137	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	22.0	21.1	0.006	0.007	0.003	0.004	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	22.0	21.1	0.007	0.009	0.003	0.004	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	22.0	21.1	0.309	0.380	0.160	0.197	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	22.0	21.1	0.311	0.383	0.162	0.199	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	21.0	20.9	0.080	0.082	0.053	0.054	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	21.0	20.9	0.081	0.083	0.054	0.055	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	21.0	20.9	0.037	0.038	0.025	0.026	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	21.0	20.9	0.037	0.038	0.025	0.026	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	21.0	20.9	0.039	0.040	0.026	0.027	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	21.0	20.9	0.038	0.039	0.025	0.026	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	21.0	20.9	0.035	0.036	0.022	0.023	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	21.0	20.9	0.036	0.037	0.022	0.023	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	20.7	20.4	0.662	0.709	0.329	0.353	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	20.7	20.6	0.685	0.701	0.340	0.348	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	20.7	20.4	0.766	0.821	0.377	0.404	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	20.7	20.6	0.774	0.792	0.380	0.389	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	20.7	20.5	0.766	0.802	0.376	0.394	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	20.7	20.4	0.854	0.915	0.414	0.444	51
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	20.7	20.5	0.863	0.904	0.417	0.437	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	20.7	20.4	0.404	0.433	0.225	0.241	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	20.7	20.6	0.405	0.414	0.226	0.231	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	20.7	20.4	0.436	0.467	0.240	0.257	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	20.7	20.6	0.440	0.450	0.243	0.249	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	20.7	20.4	0.433	0.464	0.236	0.253	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	20.7	20.6	0.438	0.448	0.239	0.245	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	1	49	20.5	19.8	0.777	0.913	0.442	0.519	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	50	24	20.5	19.9	0.799	0.917	0.455	0.522	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	20.5	19.7	0.752	0.904	0.416	0.500	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	20.5	19.8	0.766	0.900	0.437	0.513	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	100	0	20.5	19.7	0.765	0.920	0.437	0.525	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	1	49	20.5	19.8	0.749	0.880	0.428	0.503	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	50	24	20.5	19.8	0.761	0.894	0.435	0.511	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	20.5	19.7	0.397	0.477	0.210	0.252	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	20.5	19.8	0.411	0.483	0.219	0.257	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	20.5	19.7	0.254	0.305	0.158	0.190	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	20.5	19.8	0.260	0.305	0.161	0.189	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	20.5	19.7	0.202	0.243	0.120	0.144	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	20.5	19.8	0.204	0.240	0.121	0.142	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.5	18.4	0.494	0.636	0.266	0.343	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.5	18.5	0.502	0.632	0.270	0.340	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.5	18.4	0.245	0.316	0.146	0.188	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.5	18.5	0.242	0.305	0.145	0.183	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	19.5	18.4	0.198	0.255	0.095	0.122	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	19.5	18.5	0.204	0.257	0.099	0.125	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.5	18.4	0.467	0.602	0.240	0.309	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.5	18.5	0.475	0.598	0.244	0.307	

10.19. LTE Band 71 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	25.7	25.2	0.106	0.119	0.084	0.094	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.7	24.3	0.087	0.095	0.069	0.076	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.7	25.2	0.063	0.071	0.052	0.058	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.7	24.3	0.052	0.057	0.043	0.047	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.7	25.2	0.113	0.127	0.092	0.103	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.7	24.3	0.092	0.101	0.074	0.081	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.7	25.2	0.043	0.048	0.036	0.040	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.7	24.3	0.035	0.038	0.029	0.032	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.7	25.2	0.306	0.343	0.195	0.219	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.7	24.3	0.250	0.274	0.161	0.177	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.7	25.2	0.151	0.169	0.110	0.123	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.7	24.3	0.124	0.136	0.090	0.099	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.7	25.2	0.464	0.521	0.311	0.349	52
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.7	24.3	0.378	0.414	0.254	0.279	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.7	25.2	0.105	0.118	0.051	0.057	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.7	24.3	0.086	0.094	0.041	0.045	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.7	25.2	0.318	0.357	0.213	0.239	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.7	24.3	0.259	0.284	0.173	0.190	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	24.2	23.7	0.514	0.577	0.338	0.379	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	23.7	23.4	0.452	0.484	0.299	0.320	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	24.2	23.7	0.440	0.494	0.237	0.266	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	23.7	23.4	0.388	0.416	0.211	0.226	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	24.2	23.7	0.651	0.730	0.401	0.450	53
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	23.7	23.4	0.588	0.630	0.361	0.387	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	24.2	23.7	0.484	0.543	0.265	0.297	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	23.7	23.4	0.442	0.474	0.240	0.257	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	24.7	24.3	0.552	0.605	0.322	0.353	54
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	23.7	23.4	0.446	0.478	0.260	0.279	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	24.7	24.3	0.260	0.285	0.179	0.196	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	23.7	23.4	0.207	0.222	0.142	0.152	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	1	49	24.7	24.3	0.178	0.195	0.087	0.095	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	50	24	23.7	23.4	0.144	0.154	0.070	0.075	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	24.7	24.3	0.226	0.248	0.149	0.163	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	23.7	23.4	0.180	0.193	0.119	0.128	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	24.7	24.3	0.409	0.448	0.271	0.297	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	23.7	23.4	0.327	0.350	0.216	0.231	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	25.4	25.0	0.049	0.054	0.039	0.043	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.4	24.2	0.039	0.041	0.031	0.032	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.4	25.0	0.030	0.033	0.025	0.027	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.4	24.2	0.024	0.025	0.020	0.021	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.4	25.0	0.038	0.042	0.031	0.034	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.4	24.2	0.030	0.031	0.025	0.026	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.4	25.0	0.018	0.020	0.015	0.016	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.4	24.2	0.015	0.016	0.012	0.013	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.4	25.0	0.269	0.295	0.141	0.155	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.4	24.2	0.220	0.230	0.115	0.120	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.4	25.0	0.153	0.168	0.080	0.088	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.4	24.2	0.126	0.132	0.065	0.068	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.4	25.0	0.179	0.196	0.071	0.078	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.4	24.2	0.147	0.154	0.058	0.061	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.4	25.0	0.257	0.282	0.137	0.150	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.4	24.2	0.211	0.221	0.112	0.117	

10.20. NR Band n5 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.7	25.6	0.167	0.170	0.127	0.129	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.7	25.7	0.168	0.169	0.129	0.130	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.7	25.6	0.077	0.078	0.061	0.062	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.7	25.7	0.094	0.095	0.073	0.074	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.7	25.6	0.146	0.149	0.116	0.118	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.7	25.7	0.155	0.156	0.122	0.123	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.7	25.6	0.083	0.085	0.064	0.065	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.7	25.7	0.087	0.088	0.067	0.067	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	1	53	25.7	25.6	0.596	0.607	0.383	0.390	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	50	28	25.7	25.7	0.605	0.609	0.397	0.400	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	1	53	25.7	25.6	0.346	0.352	0.243	0.248	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	50	28	25.7	25.7	0.345	0.347	0.240	0.242	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	1	53	25.7	25.6	0.300	0.306	0.192	0.196	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.7	25.7	0.306	0.308	0.198	0.199	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.7	25.6	0.230	0.234	0.105	0.107	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.7	25.7	0.219	0.221	0.101	0.102	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.7	25.6	0.276	0.281	0.180	0.183	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.7	25.7	0.283	0.285	0.185	0.186	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	23.5	23.1	0.322	0.353	0.246	0.270	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	23.5	23.1	0.361	0.396	0.269	0.295	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	23.5	23.1	0.306	0.336	0.167	0.183	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	23.5	23.1	0.269	0.295	0.159	0.174	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	23.5	23.1	0.713	0.782	0.476	0.522	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	23.5	23.1	0.746	0.818	0.487	0.534	55
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	23.5	23.1	0.475	0.521	0.260	0.285	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	23.5	23.1	0.474	0.520	0.261	0.286	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	1	53	25.2	24.8	0.647	0.709	0.396	0.434	56
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	50	28	25.2	24.8	0.577	0.633	0.358	0.393	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	1	53	25.2	24.8	0.309	0.339	0.207	0.227	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	50	28	25.2	24.8	0.307	0.337	0.205	0.225	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	167300	836.5	1	53	25.2	24.8	0.277	0.304	0.126	0.138	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	167300	836.5	50	28	25.2	24.8	0.207	0.227	0.101	0.111	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	1	53	25.2	24.8	0.181	0.198	0.119	0.130	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.2	24.8	0.175	0.192	0.114	0.125	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.2	24.8	0.242	0.265	0.157	0.172	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.2	24.8	0.239	0.262	0.154	0.169	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.4	24.9	0.093	0.105	0.071	0.080	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.4	25.0	0.096	0.105	0.074	0.081	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.4	24.9	0.048	0.054	0.038	0.043	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.4	25.0	0.045	0.049	0.036	0.039	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.4	24.9	0.082	0.092	0.066	0.074	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.4	25.0	0.074	0.081	0.059	0.065	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.4	24.9	0.042	0.047	0.034	0.038	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.4	25.0	0.041	0.045	0.032	0.035	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	1	53	25.4	24.9	0.569	0.627	0.315	0.353	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	50	28	25.4	25.0	0.512	0.561	0.294	0.322	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	1	53	25.4	24.9	0.338	0.379	0.200	0.224	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	50	28	25.4	25.0	0.277	0.304	0.163	0.179	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.4	24.9	0.374	0.420	0.152	0.171	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.4	25.0	0.412	0.452	0.168	0.184	57
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.4	24.9	0.385	0.432	0.141	0.158	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.4	25.0	0.395	0.433	0.151	0.166	

10.21. NR Band n7 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	23.0	22.9	0.058	0.060	0.035	0.036	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	23.0	22.9	0.072	0.074	0.041	0.042	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	23.0	22.9	0.029	0.030	0.014	0.014	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	23.0	22.9	0.028	0.029	0.013	0.013	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	23.0	22.9	0.208	0.214	0.109	0.112	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	23.0	22.9	0.204	0.211	0.106	0.109	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	23.0	22.9	0.060	0.062	0.029	0.030	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	23.0	22.9	0.057	0.059	0.028	0.029	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	20.0	19.5	0.406	0.456	0.191	0.214	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	20.0	19.5	0.365	0.408	0.175	0.195	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	20.0	19.5	0.355	0.398	0.171	0.192	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	20.0	19.5	0.395	0.441	0.184	0.206	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	108	20.0	19.5	0.798	0.895	0.342	0.384	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	20.0	19.5	0.808	0.902	0.344	0.384	58
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	20.0	19.5	0.118	0.132	0.054	0.061	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	20.0	19.5	0.108	0.121	0.049	0.055	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	108	20.0	19.5	0.173	0.194	0.069	0.077	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	20.0	19.5	0.165	0.184	0.067	0.075	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	17.0	16.1	0.492	0.605	0.184	0.226	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	17.0	15.9	0.483	0.622	0.181	0.233	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	17.0	16.1	0.531	0.653	0.192	0.236	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	17.0	15.9	0.538	0.693	0.193	0.249	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	17.0	16.1	0.611	0.752	0.244	0.300	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	17.0	15.9	0.595	0.767	0.236	0.304	59
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	17.0	16.1	0.595	0.732	0.225	0.277	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	17.0	15.9	0.584	0.752	0.222	0.286	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	19.0	18.5	0.803	0.901	0.315	0.353	60
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	19.0	18.6	0.760	0.833	0.300	0.329	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	19.0	18.5	0.377	0.423	0.160	0.180	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	19.0	18.6	0.413	0.453	0.172	0.189	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	1	108	19.0	18.5	0.628	0.705	0.236	0.265	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	108	54	19.0	18.6	0.628	0.689	0.236	0.259	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	108	19.0	18.5	0.022	0.025	0.010	0.011	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	19.0	18.6	0.026	0.029	0.012	0.013	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	108	19.0	18.5	0.680	0.763	0.297	0.333	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	19.0	18.6	0.671	0.736	0.293	0.321	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	20.2	19.8	0.190	0.208	0.098	0.107	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	20.2	19.6	0.182	0.209	0.094	0.108	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	20.2	19.8	0.077	0.084	0.040	0.044	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	20.2	19.6	0.074	0.085	0.040	0.046	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	20.2	19.8	0.079	0.087	0.043	0.047	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	20.2	19.6	0.083	0.095	0.045	0.052	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	20.2	19.8	0.128	0.140	0.065	0.071	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	20.2	19.6	0.129	0.148	0.067	0.077	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	19.2	18.8	0.775	0.850	0.354	0.388	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	19.2	18.7	0.767	0.861	0.350	0.393	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	19.2	18.8	0.347	0.380	0.171	0.187	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	19.2	18.7	0.317	0.356	0.156	0.175	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	19.2	18.8	0.096	0.105	0.043	0.047	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	19.2	18.7	0.091	0.102	0.040	0.045	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	108	19.2	18.8	0.818	0.897	0.360	0.395	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	19.2	18.7	0.790	0.886	0.338	0.379	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	19.2	18.2	0.598	0.753	0.259	0.326	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	19.2	18.3	0.604	0.743	0.261	0.321	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	19.2	18.2	0.203	0.256	0.099	0.125	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	19.2	18.3	0.212	0.261	0.107	0.132	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	19.2	18.2	0.154	0.194	0.087	0.110	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	19.2	18.3	0.155	0.191	0.087	0.107	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	19.2	18.2	0.038	0.048	0.019	0.024	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	19.2	18.3	0.048	0.059	0.025	0.031	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	18.2	17.1	0.348	0.448	0.153	0.197	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	18.2	16.9	0.392	0.529	0.171	0.231	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	18.2	17.1	0.318	0.410	0.141	0.182	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	18.2	16.9	0.314	0.424	0.137	0.185	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	1	108	18.2	17.1	0.062	0.080	0.030	0.039	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	108	54	18.2	16.9	0.055	0.074	0.026	0.035	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	108	18.2	17.1	0.529	0.681	0.214	0.276	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	18.2	16.9	0.561	0.757	0.225	0.304	

10.22. NR Band n12 (15MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.7	25.7	0.123	0.124	0.097	0.098	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.7	25.6	0.128	0.132	0.101	0.104	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.7	25.7	0.088	0.089	0.072	0.072	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.7	25.6	0.062	0.064	0.051	0.053	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.7	25.7	0.136	0.137	0.111	0.112	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.7	25.6	0.137	0.141	0.112	0.116	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.7	25.7	0.086	0.087	0.071	0.071	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.7	25.6	0.061	0.063	0.050	0.052	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	1	39	25.7	25.7	0.385	0.388	0.246	0.248	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	36	22	25.7	25.6	0.322	0.333	0.218	0.225	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	1	39	25.7	25.7	0.237	0.239	0.156	0.157	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	36	22	25.7	25.6	0.188	0.194	0.131	0.135	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	1	39	25.7	25.7	0.602	0.606	0.405	0.408	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.7	25.6	0.601	0.621	0.403	0.416	61
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.7	25.7	0.158	0.159	0.075	0.076	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.7	25.6	0.162	0.167	0.076	0.078	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.7	25.7	0.368	0.371	0.247	0.249	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.7	25.6	0.365	0.377	0.246	0.254	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	24.2	24.0	0.542	0.568	0.334	0.350	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	24.2	24.0	0.555	0.581	0.382	0.400	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	24.2	24.0	0.450	0.471	0.249	0.261	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	24.2	24.0	0.440	0.461	0.244	0.255	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	24.2	24.0	0.701	0.734	0.438	0.459	62
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	24.2	24.0	0.694	0.727	0.435	0.456	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	24.2	24.0	0.524	0.549	0.281	0.294	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	24.2	24.0	0.502	0.526	0.270	0.283	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	1	39	24.7	24.5	0.538	0.563	0.322	0.337	63
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	36	22	24.7	24.6	0.523	0.535	0.311	0.318	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	1	39	24.7	24.5	0.236	0.247	0.159	0.166	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	36	22	24.7	24.6	0.230	0.235	0.155	0.159	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	141500	707.5	1	39	24.7	24.5	0.130	0.136	0.067	0.070	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	141500	707.5	36	22	24.7	24.6	0.125	0.128	0.064	0.065	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	1	39	24.7	24.5	0.251	0.263	0.165	0.173	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	36	22	24.7	24.6	0.252	0.258	0.164	0.168	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	1	39	24.7	24.5	0.411	0.430	0.272	0.285	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	36	22	24.7	24.6	0.399	0.408	0.264	0.270	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.4	25.0	0.047	0.052	0.036	0.039	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.4	24.8	0.045	0.052	0.035	0.040	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.4	25.0	0.031	0.034	0.026	0.029	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.4	24.8	0.031	0.036	0.026	0.030	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.4	25.0	0.046	0.050	0.037	0.041	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.4	24.8	0.046	0.053	0.037	0.042	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.4	25.0	0.027	0.030	0.022	0.024	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.4	24.8	0.026	0.030	0.022	0.025	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	1	39	25.4	25.0	0.477	0.523	0.250	0.274	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	36	22	25.4	24.8	0.456	0.524	0.239	0.274	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	1	39	25.4	25.0	0.393	0.431	0.189	0.207	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	36	22	25.4	24.8	0.307	0.352	0.155	0.178	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.4	25.0	0.262	0.287	0.106	0.116	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.4	24.8	0.273	0.313	0.110	0.126	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.4	25.0	0.362	0.397	0.190	0.208	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.4	24.8	0.383	0.440	0.198	0.227	

10.23. NR Band n14 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.7	25.6	0.134	0.138	0.104	0.107	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.7	25.6	0.133	0.138	0.104	0.108	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.7	25.6	0.081	0.083	0.064	0.066	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.7	25.6	0.077	0.080	0.061	0.063	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.7	25.6	0.146	0.150	0.116	0.120	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.7	25.6	0.146	0.151	0.117	0.121	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.7	25.6	0.084	0.087	0.066	0.068	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.7	25.6	0.082	0.085	0.065	0.067	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	1	26	25.7	25.6	0.410	0.422	0.272	0.280	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	25	14	25.7	25.6	0.379	0.392	0.251	0.260	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	1	26	25.7	25.6	0.248	0.256	0.161	0.166	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	25	14	25.7	25.6	0.245	0.254	0.159	0.165	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	1	26	25.7	25.6	0.535	0.551	0.355	0.366	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	25.7	25.6	0.534	0.553	0.354	0.366	64
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.7	25.6	0.264	0.272	0.119	0.123	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.7	25.6	0.259	0.268	0.116	0.120	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	25.7	25.6	0.192	0.198	0.127	0.131	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.7	25.6	0.187	0.194	0.123	0.127	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	23.7	23.7	0.472	0.472	0.332	0.332	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	23.7	23.6	0.484	0.495	0.335	0.343	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	23.7	23.7	0.387	0.387	0.216	0.216	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	23.7	23.6	0.378	0.387	0.213	0.218	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	23.7	23.7	0.607	0.607	0.421	0.421	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	23.7	23.6	0.603	0.617	0.418	0.428	65
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	23.7	23.7	0.364	0.364	0.207	0.207	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	23.7	23.6	0.357	0.365	0.202	0.207	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	1	26	24.7	24.6	0.717	0.734	0.425	0.435	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	25	14	24.7	24.5	0.703	0.736	0.411	0.430	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	1	26	24.7	24.6	0.242	0.248	0.160	0.164	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	25	14	24.7	24.5	0.234	0.245	0.154	0.161	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	158600	793	1	26	24.7	24.6	0.184	0.188	0.097	0.099	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	158600	793	25	14	24.7	24.5	0.179	0.187	0.094	0.098	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	1	26	24.7	24.6	0.169	0.173	0.108	0.111	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	24.7	24.5	0.162	0.170	0.104	0.109	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	24.7	24.6	0.170	0.174	0.111	0.114	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	24.7	24.5	0.166	0.174	0.109	0.114	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.4	24.8	0.094	0.108	0.072	0.083	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.4	24.9	0.087	0.098	0.066	0.074	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.4	24.8	0.040	0.046	0.032	0.037	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.4	24.9	0.039	0.044	0.031	0.035	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.4	24.8	0.094	0.108	0.075	0.086	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.4	24.9	0.093	0.104	0.074	0.083	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.4	24.8	0.052	0.060	0.042	0.048	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.4	24.9	0.051	0.057	0.041	0.046	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	1	26	25.4	24.8	0.676	0.776	0.372	0.427	66
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	25	14	25.4	24.9	0.658	0.738	0.362	0.406	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	1	26	25.4	24.8	0.316	0.363	0.175	0.201	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	25	14	25.4	24.9	0.341	0.383	0.189	0.212	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.4	24.8	0.348	0.400	0.142	0.163	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.4	24.9	0.333	0.374	0.139	0.156	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	25.4	24.8	0.347	0.398	0.145	0.166	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.4	24.9	0.341	0.383	0.144	0.162	

10.24. NR Band n25 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	24.5	24.5	0.079	0.079	0.052	0.052	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	24.5	24.4	0.073	0.075	0.048	0.049	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	24.5	24.5	0.077	0.077	0.048	0.048	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	24.5	24.4	0.076	0.078	0.048	0.049	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	24.5	24.5	0.145	0.145	0.089	0.089	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	24.5	24.4	0.161	0.165	0.098	0.100	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	24.5	24.5	0.064	0.064	0.040	0.040	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	24.5	24.4	0.065	0.067	0.041	0.042	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	22.0	21.3	0.720	0.838	0.321	0.374	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	22.0	21.3	0.759	0.892	0.337	0.396	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	22.0	21.3	0.277	0.322	0.158	0.184	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	22.0	21.3	0.295	0.347	0.167	0.196	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	22.0	21.3	0.505	0.588	0.234	0.272	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	22.0	21.3	0.497	0.584	0.232	0.273	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	22.0	21.3	0.341	0.397	0.177	0.206	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	22.0	21.3	0.298	0.350	0.155	0.182	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	22.0	21.3	0.030	0.035	0.016	0.019	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	22.0	21.3	0.024	0.028	0.013	0.015	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	19.5	18.6	0.161	0.198	0.100	0.123	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	19.5	18.5	0.136	0.171	0.084	0.106	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	19.5	18.6	0.136	0.167	0.077	0.095	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	19.5	18.5	0.128	0.161	0.071	0.089	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	19.5	18.6	0.575	0.707	0.299	0.368	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	19.5	18.5	0.543	0.684	0.278	0.350	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	19.5	18.6	0.520	0.640	0.239	0.294	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	19.5	18.5	0.524	0.660	0.241	0.303	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	19.2	18.3	0.761	0.936	0.351	0.432	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	19.2	18.2	0.748	0.942	0.345	0.434	67
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	19.2	18.3	0.320	0.394	0.161	0.198	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	19.2	18.2	0.324	0.408	0.162	0.204	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	19.2	18.3	0.287	0.353	0.123	0.151	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	19.2	18.2	0.266	0.335	0.115	0.145	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	19.2	18.3	0.007	0.009	0.003	0.004	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	19.2	18.2	0.007	0.009	0.003	0.004	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	19.2	18.3	0.493	0.607	0.228	0.281	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	19.2	18.2	0.437	0.550	0.203	0.256	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	21.2	21.2	0.138	0.138	0.087	0.087	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	21.2	21.1	0.135	0.138	0.085	0.087	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	21.2	21.2	0.056	0.056	0.035	0.035	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	21.2	21.1	0.057	0.058	0.036	0.037	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	21.2	21.2	0.052	0.052	0.033	0.033	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	21.2	21.1	0.048	0.049	0.030	0.031	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	21.2	21.2	0.052	0.052	0.030	0.030	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	21.2	21.1	0.056	0.057	0.033	0.034	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	20.5	20.0	0.799	0.896	0.426	0.478	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	20.5	20.0	0.795	0.892	0.424	0.476	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	20.5	20.0	0.239	0.268	0.142	0.159	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	20.5	20.0	0.238	0.267	0.143	0.160	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	20.5	20.0	0.115	0.129	0.061	0.068	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	20.5	20.0	0.114	0.128	0.062	0.070	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	20.5	20.0	0.516	0.579	0.270	0.303	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	20.5	20.0	0.505	0.567	0.264	0.296	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	19.2	18.3	0.750	0.923	0.421	0.518	68
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	19.2	18.3	0.707	0.870	0.399	0.491	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	19.2	18.3	0.344	0.423	0.191	0.235	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	19.2	18.3	0.299	0.368	0.166	0.204	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	19.2	18.3	0.231	0.284	0.144	0.177	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	19.2	18.3	0.234	0.288	0.146	0.180	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	19.2	18.3	0.155	0.191	0.089	0.109	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	19.2	18.3	0.149	0.183	0.086	0.106	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	1	108	20.2	19.8	0.828	0.908	0.441	0.484	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	108	54	20.2	19.9	0.854	0.915	0.454	0.486	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	1	108	20.2	19.8	0.144	0.158	0.086	0.094	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	108	54	20.2	19.9	0.150	0.161	0.090	0.096	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	20.2	19.8	0.181	0.198	0.084	0.092	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	20.2	19.9	0.191	0.205	0.089	0.095	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	20.2	19.8	0.711	0.780	0.357	0.391	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	20.2	19.9	0.731	0.783	0.365	0.391	69

10.25. NR Band n26 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.7	25.7	0.194	0.196	0.148	0.150	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.7	25.6	0.181	0.184	0.139	0.141	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.7	25.7	0.098	0.099	0.077	0.078	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.7	25.6	0.090	0.091	0.071	0.072	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.7	25.7	0.160	0.162	0.126	0.127	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.7	25.6	0.163	0.165	0.127	0.129	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.7	25.7	0.095	0.096	0.074	0.075	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.7	25.6	0.102	0.103	0.078	0.079	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	1	53	25.7	25.7	0.592	0.599	0.386	0.390	70
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	50	28	25.7	25.6	0.559	0.567	0.364	0.369	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	1	53	25.7	25.7	0.295	0.298	0.204	0.206	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	50	28	25.7	25.6	0.282	0.286	0.197	0.200	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	1	53	25.7	25.7	0.263	0.266	0.169	0.171	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.7	25.6	0.265	0.269	0.171	0.173	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.7	25.7	0.189	0.191	0.089	0.090	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.7	25.6	0.196	0.199	0.091	0.092	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.7	25.7	0.249	0.252	0.164	0.166	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.7	25.6	0.237	0.240	0.156	0.158	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	23.5	23.5	0.417	0.417	0.311	0.311	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	23.5	23.4	0.410	0.420	0.306	0.313	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	23.5	23.5	0.355	0.355	0.202	0.202	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	23.5	23.4	0.361	0.369	0.202	0.207	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	23.5	23.5	0.595	0.595	0.389	0.389	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	23.5	23.4	0.604	0.618	0.393	0.402	71
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	23.5	23.5	0.337	0.337	0.199	0.199	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	23.5	23.4	0.360	0.368	0.216	0.221	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	1	53	24.7	24.6	0.490	0.501	0.302	0.309	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	50	28	24.7	24.6	0.561	0.574	0.339	0.347	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	1	53	24.7	24.6	0.297	0.304	0.199	0.204	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	50	28	24.7	24.6	0.308	0.315	0.209	0.214	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	166300	831.5	1	53	24.7	24.6	0.228	0.233	0.119	0.122	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	166300	831.5	50	28	24.7	24.6	0.281	0.288	0.138	0.141	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	1	53	24.7	24.6	0.155	0.159	0.100	0.102	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	50	28	24.7	24.6	0.137	0.140	0.090	0.092	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	1	53	24.7	24.6	0.165	0.169	0.106	0.108	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	50	28	24.7	24.6	0.185	0.189	0.119	0.122	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.4	25.3	0.083	0.085	0.065	0.067	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.4	25.2	0.084	0.088	0.066	0.069	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.4	25.3	0.044	0.045	0.034	0.035	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.4	25.2	0.047	0.049	0.036	0.038	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.4	25.3	0.109	0.112	0.082	0.084	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.4	25.2	0.100	0.105	0.077	0.081	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.4	25.3	0.050	0.051	0.039	0.040	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.4	25.2	0.048	0.050	0.038	0.040	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	1	53	25.4	25.3	0.526	0.538	0.300	0.307	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	50	28	25.4	25.2	0.478	0.501	0.276	0.289	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	1	53	25.4	25.3	0.285	0.292	0.164	0.168	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	50	28	25.4	25.2	0.319	0.334	0.187	0.196	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.4	25.3	0.299	0.306	0.113	0.116	72
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.4	25.2	0.292	0.306	0.113	0.118	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.4	25.3	0.247	0.253	0.109	0.112	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.4	25.2	0.272	0.285	0.118	0.124	

10.26. NR Band n30 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	22.2	22.2	0.076	0.077	0.046	0.047	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	22.2	21.9	0.072	0.078	0.044	0.047	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	22.2	22.2	0.051	0.052	0.029	0.029	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	22.2	21.9	0.050	0.054	0.028	0.030	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	22.2	22.2	0.136	0.138	0.077	0.078	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	22.2	21.9	0.139	0.150	0.079	0.085	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	22.2	22.2	0.050	0.051	0.029	0.029	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	22.2	21.9	0.051	0.055	0.029	0.031	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	20.0	19.3	0.458	0.541	0.206	0.243	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	20.0	19.2	0.473	0.571	0.211	0.255	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	20.0	19.3	0.299	0.353	0.146	0.172	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	20.0	19.2	0.301	0.364	0.147	0.178	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	1	26	20.0	19.3	0.768	0.906	0.338	0.399	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	25	14	20.0	19.2	0.746	0.901	0.327	0.395	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	20.0	19.3	0.216	0.255	0.089	0.105	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	20.0	19.2	0.221	0.267	0.090	0.109	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	1	26	20.0	19.3	0.054	0.064	0.025	0.030	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	25	14	20.0	19.2	0.053	0.064	0.024	0.029	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	19.5	18.4	0.410	0.528	0.171	0.220	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	19.5	18.4	0.396	0.510	0.165	0.213	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	19.5	18.4	0.510	0.657	0.206	0.265	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	19.5	18.4	0.490	0.631	0.197	0.254	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	19.5	18.4	0.712	0.917	0.324	0.417	73
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	19.5	18.4	0.708	0.912	0.322	0.415	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	19.5	18.4	0.525	0.676	0.224	0.289	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	19.5	18.4	0.513	0.661	0.219	0.282	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	19.7	18.9	0.762	0.916	0.338	0.406	74
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	19.7	18.9	0.700	0.842	0.313	0.376	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	19.7	18.9	0.347	0.417	0.166	0.200	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	19.7	18.9	0.336	0.404	0.161	0.194	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	1	26	19.7	18.9	0.334	0.402	0.131	0.157	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	25	14	19.7	18.9	0.354	0.426	0.139	0.167	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	1	26	19.7	18.9	0.034	0.041	0.017	0.020	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	25	14	19.7	18.9	0.034	0.041	0.017	0.020	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	1	26	19.7	18.9	0.760	0.914	0.339	0.408	75
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	25	14	19.7	18.9	0.756	0.909	0.335	0.403	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	21.0	20.9	0.134	0.137	0.076	0.078	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.0	21.0	0.131	0.131	0.074	0.074	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	21.0	20.9	0.074	0.076	0.038	0.039	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.0	21.0	0.071	0.071	0.037	0.037	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	21.0	20.9	0.072	0.074	0.042	0.043	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.0	21.0	0.071	0.071	0.041	0.041	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	21.0	20.9	0.089	0.091	0.048	0.049	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.0	21.0	0.089	0.089	0.048	0.048	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	20.2	20.0	0.806	0.844	0.342	0.358	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	20.2	20.0	0.862	0.903	0.369	0.386	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	20.2	20.0	0.618	0.647	0.310	0.325	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	20.2	20.0	0.561	0.587	0.284	0.297	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	20.2	20.0	0.281	0.294	0.142	0.149	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	20.2	20.0	0.280	0.293	0.141	0.148	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	1	26	20.2	20.0	0.486	0.509	0.235	0.246	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	25	14	20.2	20.0	0.472	0.494	0.227	0.238	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	21.5	21.3	0.858	0.898	0.425	0.445	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.5	21.3	0.848	0.888	0.421	0.441	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	21.5	21.3	0.391	0.409	0.190	0.199	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.5	21.3	0.334	0.350	0.165	0.173	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	21.5	21.3	0.235	0.246	0.139	0.146	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.5	21.3	0.244	0.255	0.143	0.150	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	21.5	21.3	0.132	0.138	0.073	0.076	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.5	21.3	0.135	0.141	0.074	0.077	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	19.0	18.0	0.662	0.833	0.309	0.389	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	19.0	18.0	0.649	0.817	0.303	0.381	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	19.0	18.0	0.265	0.334	0.132	0.166	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	19.0	18.0	0.263	0.331	0.131	0.165	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	1	26	19.0	18.0	0.062	0.078	0.028	0.035	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	25	14	19.0	18.0	0.060	0.076	0.027	0.034	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	1	26	19.0	18.0	0.576	0.725	0.261	0.329	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	25	14	19.0	18.0	0.579	0.729	0.262	0.330	

10.27. NR Band n41 PC3 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	23.2	23.1	0.036	0.037	0.016	0.016	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	23.2	23.0	0.037	0.039	0.016	0.017	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	23.2	23.1	0.035	0.036	0.017	0.017	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	23.2	23.0	0.027	0.028	0.012	0.013	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	23.2	23.1	0.135	0.138	0.072	0.074	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	23.2	23.0	0.126	0.132	0.067	0.070	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	23.2	23.1	0.066	0.068	0.030	0.031	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	23.2	23.0	0.065	0.068	0.030	0.031	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	20.0	19.0	0.388	0.488	0.190	0.239	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	20.0	19.0	0.387	0.487	0.188	0.237	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	20.0	19.0	0.315	0.397	0.133	0.167	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	20.0	19.0	0.286	0.360	0.140	0.176	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	20.0	19.0	0.668	0.841	0.278	0.350	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	20.0	19.0	0.626	0.788	0.264	0.332	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	20.0	19.0	0.579	0.729	0.222	0.279	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	20.0	19.0	0.484	0.609	0.187	0.235	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	20.0	19.0	0.231	0.291	0.101	0.127	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	20.0	19.0	0.241	0.303	0.105	0.132	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	16.5	15.5	0.543	0.684	0.204	0.257	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	16.5	15.5	0.549	0.691	0.207	0.261	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	16.5	15.5	0.534	0.672	0.200	0.252	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	16.5	15.5	0.532	0.670	0.199	0.251	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	16.5	15.5	0.689	0.867	0.272	0.342	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	16.5	15.5	0.679	0.855	0.269	0.339	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	16.5	15.5	0.494	0.622	0.188	0.237	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	16.5	15.5	0.534	0.672	0.207	0.261	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	18.5	17.5	0.656	0.826	0.267	0.336	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.5	17.6	0.747	0.919	0.300	0.369	76
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	18.5	17.5	0.390	0.491	0.156	0.196	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.5	17.6	0.335	0.412	0.135	0.166	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	18.5	17.5	0.624	0.786	0.224	0.282	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	18.5	17.6	0.635	0.781	0.220	0.271	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	18.5	17.5	0.019	0.024	0.008	0.010	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.5	17.6	0.014	0.017	0.006	0.007	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	18.5	17.5	0.636	0.801	0.276	0.347	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	18.5	17.6	0.636	0.782	0.276	0.340	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	20.7	20.6	0.027	0.028	0.013	0.013	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	20.7	20.6	0.028	0.029	0.013	0.013	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	20.7	20.6	0.010	0.010	0.004	0.004	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	20.7	20.6	0.016	0.016	0.007	0.007	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	20.7	20.6	0.013	0.013	0.006	0.006	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	20.7	20.6	0.027	0.028	0.012	0.012	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	20.7	20.6	0.027	0.028	0.012	0.012	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	19.8	19.7	0.157	0.161	0.074	0.076	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	19.8	19.7	0.147	0.150	0.069	0.071	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	19.8	19.7	0.112	0.115	0.054	0.055	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	19.8	19.7	0.113	0.116	0.054	0.055	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	19.8	19.7	0.027	0.028	0.012	0.012	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	19.8	19.7	0.030	0.031	0.014	0.014	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	19.8	19.7	0.199	0.204	0.085	0.087	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	19.8	19.7	0.203	0.208	0.086	0.088	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	19.5	18.9	0.774	0.889	0.316	0.363	77
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	19.5	18.8	0.746	0.876	0.305	0.358	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	19.5	18.9	0.234	0.269	0.117	0.134	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	19.5	18.8	0.237	0.278	0.118	0.139	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	19.5	18.9	0.224	0.257	0.117	0.134	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	19.5	18.8	0.205	0.241	0.107	0.126	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	19.5	18.9	0.075	0.086	0.037	0.042	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	19.5	18.8	0.074	0.087	0.036	0.042	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	18.2	17.2	0.444	0.559	0.191	0.240	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.2	17.3	0.480	0.591	0.205	0.252	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	18.2	17.2	0.330	0.415	0.140	0.176	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.2	17.3	0.306	0.376	0.131	0.161	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	18.2	17.2	0.048	0.060	0.023	0.029	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	18.2	17.3	0.046	0.057	0.022	0.027	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	18.2	17.2	0.727	0.915	0.297	0.374	78
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.2	17.3	0.722	0.888	0.295	0.363	

10.28. NR Band n41 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 43.3% is used for Power Class 2 SAR test.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 1	Head	50.0%	26.2	208.4	100.0%	23.2	208.9	0.138	0.138	-0.1%	No
ANT 1	Body & Hotspot	50.0%	23	99.8	100.0%	20	100.0	0.488	0.487	-0.3%	No
ANT 1	Hotspot	50.0%	23	99.8	100.0%	20	100.0	0.841	0.839	-0.2%	No
Antenna	RF Exposure Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 2	Head	50.0%	19.5	44.6	100.0%	16.5	44.7	0.867	0.865	-0.3%	No
ANT 2	Body & Hotspot	50.0%	21.5	70.6	100.0%	18.5	70.8	0.919	0.917	-0.2%	No
ANT 2	Hotspot	50.0%	21.5	70.6	100.0%	18.5	70.8	0.801	0.799	-0.2%	No
Antenna	RF Exposure Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 3	Head	50.0%	23.7	117.2	100.0%	20.7	117.5	0.161	0.160	-0.4%	No
ANT 3	Body & Hotspot	50.0%	22.8	95.3	100.0%	19.8	95.5	0.150	0.150	-0.3%	No
ANT 3	Hotspot	50.0%	22.8	95.3	100.0%	19.8	95.5	0.208	0.207	-0.4%	No
Antenna	RF Exposure Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	50.0%	22.5	88.9	100.0%	19.5	89.1	0.876	0.874	-0.3%	No
ANT 4	Body & Hotspot	50.0%	21.2	65.9	100.0%	18.2	66.1	0.591	0.589	-0.3%	No
ANT 4	Hotspot	50.0%	21.2	65.9	100.0%	18.2	66.1	0.915	0.913	-0.2%	No

Conclusion:

SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.29. NR Band n48 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.5	21.1	0.033	0.036	0.012	0.013	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.5	21.0	0.034	0.038	0.013	0.015	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.5	21.1	0.017	0.018	0.006	0.007	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.5	21.0	0.015	0.017	0.005	0.006	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.5	21.1	0.082	0.089	0.031	0.034	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.5	21.0	0.083	0.093	0.030	0.034	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.5	21.1	0.007	0.008	0.000	0.000	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.5	21.0	0.016	0.018	0.006	0.007	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	20.5	19.6	0.625	0.776	0.241	0.299	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	20.5	19.5	0.599	0.747	0.231	0.288	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	20.5	19.6	0.257	0.319	0.106	0.132	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	20.5	19.5	0.247	0.308	0.101	0.126	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	20.5	19.6	0.713	0.885	0.274	0.340	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	20.5	19.5	0.721	0.899	0.277	0.346	79
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	20.5	19.6	0.140	0.174	0.048	0.060	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	20.5	19.5	0.128	0.160	0.044	0.055	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	20.5	19.6	0.035	0.043	0.011	0.014	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	20.5	19.5	0.031	0.039	0.008	0.010	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	20.8	20.0	0.138	0.166	0.055	0.066	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	20.8	20.0	0.147	0.177	0.058	0.070	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	20.8	20.0	0.142	0.171	0.057	0.069	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	20.8	20.0	0.150	0.180	0.059	0.071	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	20.8	20.0	0.771	0.927	0.264	0.317	80
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	20.8	20.0	0.739	0.888	0.254	0.305	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	20.8	20.0	0.330	0.397	0.112	0.135	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	20.8	20.0	0.327	0.393	0.112	0.135	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	20.5	19.5	0.469	0.590	0.193	0.243	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	20.5	19.3	0.497	0.655	0.197	0.260	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	20.5	19.5	0.144	0.181	0.057	0.072	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	20.5	19.3	0.141	0.186	0.056	0.074	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	20.5	19.5	0.122	0.154	0.038	0.048	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	20.5	19.3	0.115	0.152	0.038	0.050	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	20.5	19.5	0.004	0.005	0.001	0.001	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	20.5	19.3	0.005	0.007	0.003	0.004	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	20.5	19.5	0.700	0.881	0.253	0.319	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	20.5	19.3	0.686	0.878	0.242	0.319	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	23.3	23.0	0.019	0.020	0.008	0.009	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	23.3	23.0	0.024	0.026	0.010	0.011	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	23.3	23.0	0.018	0.019	0.005	0.005	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	23.3	23.0	0.017	0.018	0.005	0.005	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	23.3	23.0	0.033	0.035	0.016	0.017	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	23.3	23.0	0.023	0.025	0.011	0.012	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	23.3	23.0	0.017	0.018	0.006	0.006	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	23.3	23.0	0.014	0.015	0.004	0.004	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	20.8	20.2	0.754	0.866	0.271	0.311	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	20.8	20.1	0.808	0.949	0.279	0.328	81
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	20.8	20.2	0.192	0.220	0.073	0.084	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	20.8	20.1	0.203	0.239	0.076	0.089	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	20.8	20.2	0.345	0.396	0.133	0.153	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	20.8	20.1	0.332	0.390	0.128	0.150	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	20.8	20.2	0.295	0.339	0.119	0.137	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	20.8	20.1	0.272	0.320	0.111	0.130	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.8	20.8	0.539	0.679	0.214	0.269	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.8	20.7	0.520	0.670	0.208	0.268	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.8	20.8	0.458	0.577	0.179	0.225	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.8	20.7	0.478	0.616	0.185	0.238	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.8	20.8	0.134	0.169	0.055	0.069	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.8	20.7	0.197	0.254	0.081	0.104	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.8	20.8	0.223	0.281	0.093	0.117	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.8	20.7	0.175	0.225	0.072	0.093	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	19.5	18.5	0.488	0.614	0.172	0.217	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	19.5	18.4	0.502	0.647	0.177	0.228	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	19.5	18.5	0.165	0.208	0.065	0.082	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	19.5	18.4	0.157	0.202	0.061	0.079	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	19.5	18.5	0.080	0.101	0.035	0.044	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	19.5	18.4	0.082	0.106	0.036	0.046	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	19.5	18.5	0.353	0.444	0.142	0.179	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	19.5	18.4	0.355	0.457	0.144	0.186	

10.30. NR Band n53 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	20.7	20.4	0.070	0.076	0.040	0.043	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	20.7	20.3	0.066	0.072	0.038	0.042	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	20.7	20.4	0.044	0.047	0.023	0.025	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	12	6	20.7	20.3	0.042	0.046	0.023	0.025	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	20.7	20.4	0.148	0.160	0.080	0.086	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	20.7	20.3	0.154	0.169	0.082	0.090	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	20.7	20.4	0.045	0.049	0.023	0.025	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	20.7	20.3	0.046	0.050	0.023	0.025	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497840	2489.2	1	12	20.0	19.4	0.557	0.640	0.227	0.261	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497840	2489.2	12	6	20.0	19.4	0.500	0.574	0.205	0.235	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497840	2489.2	1	12	20.0	19.4	0.381	0.437	0.174	0.200	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497840	2489.2	12	6	20.0	19.4	0.380	0.436	0.174	0.200	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	20.0	19.4	0.675	0.775	0.276	0.317	82
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	20.0	19.4	0.622	0.714	0.256	0.294	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	497840	2489.2	1	12	20.0	19.4	0.204	0.234	0.083	0.095	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	497840	2489.2	12	6	20.0	19.4	0.200	0.230	0.081	0.093	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	20.0	19.4	0.099	0.114	0.045	0.052	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	20.0	19.4	0.098	0.113	0.045	0.052	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	16.5	15.5	0.428	0.539	0.165	0.208	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	16.5	15.6	0.417	0.513	0.159	0.196	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	16.5	15.5	0.480	0.604	0.181	0.228	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	12	6	16.5	15.6	0.472	0.581	0.179	0.220	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	16.5	15.5	0.599	0.754	0.248	0.312	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	16.5	15.6	0.630	0.775	0.259	0.319	83
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	16.5	15.5	0.577	0.726	0.227	0.286	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	16.5	15.6	0.607	0.747	0.235	0.289	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497840	2489.2	1	12	18.5	18.3	0.873	0.914	0.349	0.365	84
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497840	2489.2	12	6	18.5	18.5	0.857	0.857	0.344	0.344	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497840	2489.2	1	12	18.5	18.3	0.440	0.461	0.182	0.191	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497840	2489.2	12	6	18.5	18.5	0.477	0.477	0.197	0.197	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	497840	2489.2	1	12	18.5	18.3	0.570	0.597	0.208	0.218	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	497840	2489.2	12	6	18.5	18.5	0.570	0.570	0.206	0.206	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	18.5	18.3	0.031	0.032	0.015	0.016	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	18.5	18.5	0.034	0.034	0.015	0.015	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	18.5	18.3	0.715	0.749	0.313	0.328	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	18.5	18.5	0.625	0.625	0.279	0.279	

10.31. NR Band n66 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	25.0	25.0	0.074	0.074	0.051	0.051	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	25.0	25.0	0.065	0.065	0.045	0.045	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	25.0	25.0	0.068	0.068	0.046	0.046	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	25.0	25.0	0.065	0.065	0.043	0.043	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	25.0	25.0	0.101	0.101	0.069	0.069	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	25.0	25.0	0.109	0.109	0.075	0.075	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	25.0	25.0	0.049	0.049	0.034	0.034	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	25.0	25.0	0.055	0.055	0.038	0.038	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	19.7	18.9	0.322	0.387	0.168	0.202	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	19.7	18.9	0.341	0.410	0.178	0.214	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	19.7	18.9	0.205	0.246	0.107	0.129	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	19.7	18.9	0.229	0.275	0.119	0.143	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.7	18.9	0.107	0.129	0.053	0.064	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.7	18.9	0.100	0.120	0.052	0.063	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	19.7	18.9	0.692	0.832	0.340	0.409	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	19.7	18.9	0.751	0.903	0.369	0.444	85
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	1	108	19.7	18.9	0.022	0.026	0.013	0.016	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	108	54	19.7	18.9	0.021	0.025	0.012	0.014	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	23.0	22.0	0.265	0.334	0.169	0.213	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	23.0	22.0	0.301	0.379	0.191	0.240	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	23.0	22.0	0.177	0.223	0.104	0.131	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	23.0	22.0	0.175	0.220	0.106	0.133	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	23.0	22.0	0.629	0.792	0.360	0.453	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	23.0	22.0	0.641	0.807	0.378	0.476	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	23.0	22.0	0.494	0.622	0.253	0.319	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	23.0	22.0	0.526	0.662	0.267	0.336	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	22.0	21.0	0.623	0.784	0.280	0.352	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	22.0	21.0	0.640	0.806	0.287	0.361	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	22.0	21.0	0.239	0.301	0.132	0.166	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	22.0	21.0	0.208	0.262	0.120	0.151	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	1	108	22.0	21.0	0.267	0.336	0.121	0.152	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	108	54	22.0	21.0	0.279	0.351	0.126	0.159	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	1	108	22.0	21.0	0.005	0.006	0.002	0.003	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	108	54	22.0	21.0	0.007	0.009	0.003	0.004	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	1	108	22.0	21.0	0.334	0.420	0.170	0.214	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	108	54	22.0	21.0	0.343	0.432	0.174	0.219	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	21.0	20.7	0.083	0.089	0.056	0.060	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	21.0	20.7	0.084	0.090	0.056	0.060	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	21.0	20.7	0.035	0.038	0.023	0.025	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	21.0	20.7	0.037	0.040	0.025	0.027	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	21.0	20.7	0.034	0.036	0.023	0.025	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	21.0	20.7	0.037	0.040	0.025	0.027	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	21.0	20.7	0.028	0.030	0.018	0.019	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	21.0	20.7	0.029	0.031	0.018	0.019	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	20.7	20.2	0.785	0.881	0.388	0.435	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	20.7	20.2	0.797	0.894	0.391	0.439	86
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	20.7	20.2	0.355	0.398	0.197	0.221	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	20.7	20.2	0.377	0.423	0.209	0.235	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	20.7	20.2	0.307	0.344	0.172	0.193	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	20.7	20.2	0.308	0.346	0.173	0.194	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	1	108	20.7	20.2	0.418	0.469	0.226	0.254	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	108	54	20.7	20.2	0.363	0.407	0.202	0.227	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	20.5	19.7	0.761	0.915	0.423	0.509	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	20.5	19.7	0.782	0.940	0.450	0.541	87
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	20.5	19.7	0.416	0.500	0.219	0.263	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	20.5	19.7	0.403	0.485	0.212	0.255	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	20.5	19.7	0.295	0.355	0.183	0.220	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	20.5	19.7	0.289	0.347	0.180	0.216	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	20.5	19.7	0.226	0.272	0.135	0.162	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	20.5	19.7	0.250	0.301	0.149	0.179	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	19.5	18.5	0.479	0.603	0.257	0.324	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	19.5	18.5	0.455	0.573	0.244	0.307	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	19.5	18.5	0.183	0.230	0.111	0.140	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	19.5	18.5	0.199	0.251	0.121	0.152	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	1	108	19.5	18.5	0.165	0.208	0.078	0.098	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	108	54	19.5	18.5	0.180	0.227	0.086	0.108	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.5	18.5	0.471	0.593	0.228	0.287	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.5	18.5	0.442	0.556	0.224	0.282	

10.32. NR Band n70 (15MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	25.0	24.9	0.089	0.091	0.061	0.062	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.0	24.9	0.067	0.069	0.046	0.047	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	25.0	24.9	0.064	0.065	0.043	0.044	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.0	24.9	0.061	0.062	0.040	0.041	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	25.0	24.9	0.139	0.142	0.092	0.094	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.0	24.9	0.125	0.128	0.083	0.085	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	25.0	24.9	0.058	0.059	0.040	0.041	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.0	24.9	0.055	0.056	0.037	0.038	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	19.7	18.8	0.343	0.422	0.189	0.233	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	19.7	18.8	0.326	0.401	0.185	0.228	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	19.7	18.8	0.294	0.362	0.151	0.186	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	19.7	18.8	0.299	0.368	0.153	0.188	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	19.7	18.8	0.112	0.138	0.060	0.074	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.7	18.8	0.104	0.128	0.056	0.069	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	19.7	18.8	0.730	0.898	0.362	0.445	88
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	19.7	18.8	0.721	0.887	0.357	0.439	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	19.7	18.8	0.011	0.014	0.006	0.007	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	19.7	18.8	0.008	0.010	0.004	0.005	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	23.0	22.0	0.303	0.381	0.193	0.243	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	23.0	22.0	0.297	0.374	0.189	0.238	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	23.0	22.0	0.190	0.239	0.117	0.147	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	23.0	22.0	0.191	0.240	0.115	0.145	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	23.0	22.0	0.667	0.840	0.401	0.505	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	23.0	22.0	0.688	0.866	0.417	0.525	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	23.0	22.0	0.484	0.609	0.256	0.322	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	23.0	22.0	0.447	0.563	0.234	0.295	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	22.0	21.0	0.507	0.638	0.230	0.290	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	22.0	21.0	0.487	0.613	0.220	0.277	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	22.0	21.0	0.218	0.274	0.123	0.155	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	22.0	21.0	0.201	0.253	0.113	0.142	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	22.0	21.0	0.291	0.366	0.134	0.169	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	22.0	21.0	0.277	0.349	0.129	0.162	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	22.0	21.0	0.008	0.010	0.004	0.005	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	22.0	21.0	0.008	0.010	0.004	0.005	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	22.0	21.0	0.300	0.378	0.155	0.195	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	22.0	21.0	0.333	0.419	0.169	0.213	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	21.0	20.8	0.064	0.067	0.043	0.045	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	21.0	20.6	0.062	0.068	0.041	0.045	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	21.0	20.8	0.036	0.038	0.024	0.025	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	21.0	20.6	0.028	0.031	0.019	0.021	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	21.0	20.8	0.033	0.035	0.022	0.023	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	21.0	20.6	0.031	0.034	0.021	0.023	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	21.0	20.8	0.027	0.028	0.017	0.018	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	21.0	20.6	0.027	0.030	0.017	0.019	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	20.7	20.0	0.682	0.801	0.341	0.401	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	20.7	19.8	0.677	0.833	0.339	0.417	89
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	20.7	20.0	0.335	0.394	0.187	0.220	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	20.7	19.8	0.343	0.422	0.190	0.234	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	20.7	20.0	0.319	0.375	0.182	0.214	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	20.7	19.8	0.337	0.415	0.191	0.235	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	20.7	20.0	0.334	0.392	0.189	0.222	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	20.7	19.8	0.327	0.402	0.185	0.228	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	20.5	19.7	0.751	0.903	0.437	0.525	90
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	20.5	19.6	0.732	0.901	0.415	0.511	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	20.5	19.7	0.456	0.548	0.238	0.286	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	20.5	19.6	0.490	0.603	0.258	0.317	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	20.5	19.7	0.313	0.376	0.194	0.233	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	20.5	19.6	0.332	0.408	0.204	0.251	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	20.5	19.7	0.231	0.278	0.137	0.165	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	20.5	19.6	0.247	0.304	0.145	0.178	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	19.5	18.5	0.551	0.694	0.297	0.374	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	19.5	18.5	0.537	0.676	0.290	0.365	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	19.5	18.5	0.245	0.308	0.146	0.184	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	19.5	18.5	0.250	0.315	0.150	0.189	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	19.5	18.5	0.226	0.285	0.105	0.132	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	19.5	18.5	0.221	0.278	0.103	0.130	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	19.5	18.5	0.460	0.579	0.239	0.301	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.5	18.5	0.506	0.637	0.257	0.324	

10.33. NR Band n71 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.7	25.7	0.120	0.120	0.097	0.097	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.7	25.7	0.122	0.122	0.098	0.098	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.7	25.7	0.069	0.069	0.057	0.057	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.7	25.7	0.070	0.070	0.058	0.058	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.7	25.7	0.129	0.129	0.105	0.105	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.7	25.7	0.125	0.125	0.101	0.101	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.7	25.7	0.073	0.073	0.061	0.061	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.7	25.7	0.075	0.075	0.063	0.063	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	1	53	25.7	25.7	0.374	0.374	0.225	0.225	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.7	25.7	0.311	0.311	0.197	0.197	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	1	53	25.7	25.7	0.166	0.166	0.119	0.119	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.7	25.7	0.164	0.164	0.116	0.116	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	53	25.7	25.7	0.526	0.526	0.353	0.353	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.7	25.7	0.526	0.526	0.354	0.354	91
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.7	25.7	0.118	0.118	0.056	0.056	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.7	25.7	0.120	0.120	0.057	0.057	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.7	25.7	0.310	0.310	0.209	0.209	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.7	25.7	0.321	0.321	0.217	0.217	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	24.2	24.0	0.569	0.596	0.328	0.343	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	24.2	24.1	0.541	0.554	0.314	0.321	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	24.2	24.0	0.496	0.519	0.251	0.263	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	24.2	24.1	0.487	0.498	0.251	0.257	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	24.2	24.0	0.648	0.679	0.404	0.423	92
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	24.2	24.1	0.615	0.629	0.385	0.394	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	24.2	24.0	0.467	0.489	0.267	0.280	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	24.2	24.1	0.458	0.469	0.261	0.267	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	1	53	24.7	24.2	0.601	0.674	0.353	0.396	93
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	50	28	24.7	24.4	0.576	0.617	0.336	0.360	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	1	53	24.7	24.2	0.274	0.307	0.189	0.212	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	50	28	24.7	24.4	0.265	0.284	0.182	0.195	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	136100	680.5	1	53	24.7	24.2	0.145	0.163	0.073	0.082	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	136100	680.5	50	28	24.7	24.4	0.133	0.143	0.067	0.072	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	53	24.7	24.2	0.275	0.309	0.180	0.202	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	24.7	24.4	0.265	0.284	0.173	0.185	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	24.7	24.2	0.392	0.440	0.260	0.292	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	24.7	24.4	0.382	0.409	0.253	0.271	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.4	25.4	0.050	0.050	0.040	0.040	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.4	25.4	0.051	0.051	0.040	0.040	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.4	25.4	0.024	0.024	0.020	0.020	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.4	25.4	0.024	0.024	0.020	0.020	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.4	25.4	0.051	0.051	0.042	0.042	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.4	25.4	0.049	0.049	0.040	0.040	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.4	25.4	0.025	0.025	0.021	0.021	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.4	25.4	0.026	0.026	0.022	0.022	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	1	53	25.4	25.4	0.360	0.360	0.184	0.184	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.4	25.4	0.368	0.368	0.188	0.188	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	1	53	25.4	25.4	0.200	0.200	0.098	0.098	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.4	25.4	0.169	0.169	0.088	0.088	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.4	25.4	0.195	0.195	0.077	0.077	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.4	25.4	0.195	0.195	0.078	0.078	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.4	25.4	0.318	0.318	0.151	0.151	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.4	25.4	0.279	0.279	0.135	0.135	

10.34. NR Band n77 (Block A) PC3 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	21.5	21.5	0.050	0.050	0.023	0.023	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	21.5	21.5	0.034	0.034	0.017	0.017	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	21.5	21.5	0.034	0.034	0.012	0.012	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	21.5	21.5	0.035	0.035	0.013	0.013	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	21.5	21.5	0.083	0.083	0.036	0.036	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	21.5	21.5	0.069	0.069	0.030	0.030	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	21.5	21.5	0.017	0.017	0.007	0.007	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	21.5	21.5	0.017	0.017	0.005	0.005	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	19.3	19.3	0.289	0.289	0.105	0.105	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	19.3	19.3	0.275	0.275	0.101	0.101	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	19.3	19.3	0.134	0.134	0.061	0.061	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	19.3	19.3	0.126	0.126	0.057	0.057	
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	19.3	19.3	0.515	0.515	0.186	0.186	
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	19.3	19.3	0.547	0.547	0.196	0.196	94
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	19.3	19.3	0.072	0.072	0.028	0.028	
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	19.3	19.3	0.070	0.070	0.025	0.025	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	20.8	19.8	0.142	0.179	0.054	0.068	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	20.8	19.9	0.118	0.145	0.050	0.062	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	20.8	19.8	0.138	0.174	0.055	0.069	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	20.8	19.9	0.139	0.171	0.055	0.068	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	20.8	19.8	0.487	0.613	0.162	0.204	95
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	20.8	19.9	0.448	0.551	0.150	0.185	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	20.8	19.8	0.235	0.296	0.083	0.104	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	20.8	19.9	0.235	0.289	0.084	0.103	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	19.3	18.6	0.300	0.352	0.123	0.145	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	19.3	18.4	0.305	0.375	0.124	0.153	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	19.3	18.6	0.133	0.156	0.047	0.055	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	19.3	18.4	0.107	0.132	0.039	0.048	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	19.3	18.6	0.061	0.072	0.020	0.023	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	19.3	18.4	0.043	0.053	0.012	0.015	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	19.3	18.6	0.331	0.389	0.120	0.141	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	19.3	18.4	0.336	0.413	0.123	0.151	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	21.3	21.2	0.024	0.025	0.008	0.008	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	21.3	21.2	0.028	0.029	0.010	0.010	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	21.3	21.2	0.007	0.007	0.001	0.001	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	21.3	21.2	0.003	0.003	0.000	0.000	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	21.3	21.2	0.009	0.009	0.002	0.002	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	21.3	21.2	0.005	0.005	0.000	0.000	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	21.3	21.2	0.016	0.016	0.006	0.006	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	21.3	21.2	0.011	0.011	0.002	0.002	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	18.8	18.0	0.514	0.618	0.169	0.203	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	18.8	18.0	0.515	0.619	0.170	0.204	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	18.8	18.0	0.246	0.296	0.088	0.106	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	18.8	18.0	0.251	0.302	0.091	0.109	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	18.8	18.0	0.303	0.364	0.103	0.124	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	18.8	18.0	0.291	0.350	0.098	0.118	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	18.8	18.0	0.185	0.222	0.072	0.087	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	18.8	18.0	0.183	0.220	0.070	0.084	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	20.8	20.0	0.279	0.335	0.101	0.121	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	20.8	19.9	0.260	0.320	0.094	0.116	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	20.8	20.0	0.264	0.317	0.094	0.113	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	20.8	19.9	0.255	0.314	0.090	0.111	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	20.8	20.0	0.069	0.083	0.024	0.029	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	20.8	19.9	0.059	0.073	0.023	0.028	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	20.8	20.0	0.089	0.107	0.035	0.042	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	20.8	19.9	0.049	0.060	0.018	0.022	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	19.5	18.5	0.672	0.846	0.235	0.296	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	19.5	18.4	0.705	0.908	0.246	0.317	96
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	19.5	18.5	0.102	0.128	0.042	0.053	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	19.5	18.4	0.088	0.113	0.038	0.049	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	19.5	18.5	0.106	0.133	0.042	0.053	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	19.5	18.4	0.082	0.106	0.033	0.043	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	19.5	18.5	0.288	0.363	0.111	0.140	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	19.5	18.4	0.296	0.381	0.114	0.147	

10.35. NR Band n77 (Block C) PC3 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	21.5	21.5	0.025	0.025	0.008	0.008	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	21.5	21.3	0.033	0.035	0.011	0.012	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	21.5	21.5	0.021	0.021	0.003	0.003	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	21.5	21.3	0.024	0.025	0.007	0.007	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	21.5	21.5	0.047	0.047	0.008	0.008	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	21.5	21.3	0.048	0.050	0.014	0.015	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	21.5	21.5	0.019	0.019	0.006	0.006	
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	21.5	21.3	0.018	0.019	0.005	0.005	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	1	136	19.3	19.3	0.310	0.310	0.125	0.125	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.3	19.3	0.301	0.301	0.123	0.123	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	1	136	19.3	19.3	0.134	0.134	0.052	0.052	
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.3	19.3	0.130	0.130	0.049	0.049	
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	657200	3858	1	136	19.3	19.3	0.384	0.384	0.147	0.147	
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.3	19.3	0.391	0.391	0.152	0.152	
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	19.3	19.3	0.041	0.041	0.012	0.012	
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	19.3	19.3	0.043	0.043	0.013	0.013	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	20.8	20.0	0.231	0.278	0.081	0.097	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	20.8	19.9	0.218	0.268	0.075	0.092	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	20.8	20.0	0.185	0.222	0.070	0.084	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	20.8	19.9	0.181	0.223	0.068	0.084	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	20.8	20.0	0.721	0.867	0.273	0.328	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	20.8	19.9	0.725	0.892	0.272	0.335	97
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	20.8	20.0	0.206	0.248	0.071	0.085	
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	20.8	19.9	0.210	0.258	0.072	0.089	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	1	136	19.3	18.5	0.387	0.465	0.164	0.197	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.3	18.5	0.394	0.474	0.170	0.204	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	1	136	19.3	18.5	0.093	0.112	0.032	0.038	
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.3	18.5	0.167	0.201	0.061	0.073	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	657200	3858	1	136	19.3	18.5	0.058	0.070	0.021	0.025	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	657200	3858	135	69	19.3	18.5	0.046	0.055	0.006	0.007	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	657200	3858	1	136	19.3	18.5	0.723	0.869	0.277	0.333	
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	19.3	18.5	0.733	0.881	0.284	0.341	98
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	21.3	21.0	0.036	0.039	0.013	0.014	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	21.3	21.0	0.037	0.040	0.012	0.013	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	21.3	21.0	0.002	0.002	0.000	0.000	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	21.3	21.0	0.010	0.011	0.000	0.000	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	21.3	21.0	0.002	0.002	0.000	0.000	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	21.3	21.0	0.007	0.008	0.000	0.000	
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	21.3	21.0	0.017	0.018	0.000	0.000	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	1	136	18.8	18.1	0.434	0.510	0.166	0.195	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	135	69	18.8	18.3	0.399	0.448	0.155	0.174	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	1	136	18.8	18.1	0.099	0.116	0.032	0.038	
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	135	69	18.8	18.3	0.103	0.116	0.035	0.039	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	18.8	18.1	0.143	0.168	0.055	0.065	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	18.8	18.3	0.140	0.157	0.054	0.061	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	657200	3858	1	136	18.8	18.1	0.410	0.482	0.163	0.192	
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	18.8	18.3	0.397	0.445	0.158	0.177	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	20.8	19.9	0.090	0.111	0.029	0.036	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	20.8	19.8	0.090	0.113	0.028	0.035	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	20.8	19.9	0.064	0.079	0.020	0.025	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	20.8	19.8	0.064	0.081	0.021	0.026	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	20.8	19.9	0.029	0.036	0.001	0.001	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	20.8	19.8	0.023	0.029	0.006	0.008	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	20.8	19.9	0.075	0.092	0.030	0.037	
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	20.8	19.8	0.074	0.093	0.030	0.038	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	1	136	19.5	18.4	0.546	0.703	0.211	0.272	99
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.5	18.1	0.494	0.682	0.192	0.265	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	1	136	19.5	18.4	0.023	0.030	0.007	0.009	
ANT 4	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.5	18.1	0.025	0.035	0.007	0.010	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	657200	3858	1	136	19.5	18.4	0.030	0.039	0.013	0.017	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	657200	3858	135	69	19.5	18.1	0.025	0.035	0.010	0.014	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	657200	3858	1	136	19.5	18.4	0.103	0.133	0.041	0.053	
ANT 4	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.5	18.1	0.101	0.139	0.041	0.057	

10.36. NR Band n77 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 43.3% is used for Power Class 2 SAR test.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 7	Head	50.0%	24.5	140.9	100.0%	21.5	141.3	0.083	0.083	0.0%	No
ANT 7	Body & Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.310	0.309	-0.3%	No
ANT 7	Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.547	0.546	-0.2%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 8	Head	50.0%	23.8	119.9	100.0%	20.8	120.2	0.892	0.890	-0.2%	No
ANT 8	Body & Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.474	0.473	-0.1%	No
ANT 8	Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.881	0.879	-0.3%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 9	Head	50.0%	24.3	134.6	100.0%	21.3	134.9	0.510	0.509	-0.2%	No
ANT 9	Body & Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.619	0.618	-0.2%	No
ANT 9	Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.482	0.481	-0.1%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	50.0%	23.8	119.9	100.0%	20.8	120.2	0.703	0.702	-0.2%	No
ANT 4	Body & Hotspot	50.0%	22.5	88.9	100.0%	19.5	89.1	0.908	0.906	-0.2%	No
ANT 4	Hotspot	50.0%	22.5	88.9	100.0%	19.5	89.1	0.381	0.380	-0.3%	No

Conclusion:

SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.37. Wi-Fi (DTS Band)

When the 802.11b reported SAR of the highest measured maximum output power channel is ≤ 0.8 W/kg, no further SAR testing is required. If SAR is > 0.8 W/kg and ≤ 1.2 W/kg, SAR is required for the next highest measured output power channel. Finally, if SAR is > 1.2 W/kg, SAR is required for the third channel.

SAR testing is not required for OFDM mode(s) when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Power State 1 Mode A	0	Left Cheek	11	2462	99.84%	0.150	21.50	20.40	0.159	0.205	0.085	0.110	
ANT 3	Head	802.11b	Power State 1 Mode A	0	Left Tilt	11	2462	99.84%	0.056	21.50	20.40					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Cheek	11	2462	99.84%	0.069	21.50	20.40					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Tilt	11	2462	99.84%	0.087	21.50	20.40					
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	1	2412	99.84%	0.653	21.00	19.57	0.664	0.924	0.344	0.479	103
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.84%	0.604	21.00	19.71	0.584	0.787	0.317	0.427	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	11	2462	99.84%	0.679	21.00	19.91	0.702	0.904	0.354	0.456	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	11	2462	99.84%	0.395	21.00	19.91	0.405	0.521	0.212	0.273	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Bottom	11	2462	99.84%	0.139	21.00	19.91					
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	1	2412	99.84%	0.587	21.00	19.57	0.631	0.878	0.293	0.408	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	6	2437	99.84%	0.648	21.00	19.71	0.693	0.934	0.321	0.433	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	11	2462	99.84%	0.784	21.00	19.91	0.854	1.099	0.384	0.494	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	1	2412	99.84%	0.832	21.00	20.34	0.871	1.016	0.377	0.440	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	6	2437	99.84%	0.925	21.00	20.51	0.974	1.092	0.423	0.474	104
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	11	2462	99.84%	0.859	21.00	20.55	0.878	0.975	0.389	0.432	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Tilt	6	2437	99.84%	0.203	21.00	20.51	0.206	0.231	0.106	0.119	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Cheek	6	2437	99.84%	0.201	21.00	20.51					
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Tilt	6	2437	99.84%	0.066	21.00	20.51					
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.84%	0.449	19.75	18.40	0.442	0.604	0.199	0.272	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	6	2437	99.84%	0.337	19.75	18.40	0.332	0.454	0.147	0.201	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Top	6	2437	99.84%	0.048	19.75	18.40					
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	1	2412	99.84%	0.601	19.75	18.35	0.648	0.896	0.270	0.373	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	6	2437	99.84%	0.653	19.75	18.40	0.827	1.130	0.345	0.472	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	11	2462	99.84%	0.740	19.75	18.39	0.826	1.132	0.345	0.473	105

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Power State 4 Mode A	0	Left Cheek	11	2462	99.84%	0.058	17.75	16.65	0.062	0.080	0.033	0.043	
ANT 3	Head	802.11b	Power State 4 Mode A	0	Left Tilt	11	2462	99.84%	0.024	17.75	16.65					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Cheek	11	2462	99.84%	0.029	17.75	16.65					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Tilt	11	2462	99.84%	0.038	17.75	16.65					
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	11	2462	99.84%	0.301	17.00	15.99	0.307	0.388	0.155	0.196	
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	11	2462	99.84%	0.180	17.00	15.99					
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Bottom	11	2462	99.84%	0.052	17.00	15.99					
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Left	11	2462	99.84%	0.318	17.00	15.99	0.344	0.435	0.156	0.197	
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Cheek	6	2437	99.84%	0.282	17.00	15.65	0.291	0.398	0.126	0.172	
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Tilt	6	2437	99.84%	0.088	17.00	15.65					
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Cheek	6	2437	99.84%	0.085	17.00	15.65					
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Tilt	6	2437	99.84%	0.032	17.00	15.65					
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	6	2437	99.84%	0.168	15.75	14.45	0.166	0.224	0.074	0.100	
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	6	2437	99.84%	0.155	15.75	14.45					
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Top	6	2437	99.84%	0.016	15.75	14.45					
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Right	6	2437	99.84%	0.306	15.75	14.45	0.298	0.403	0.124	0.168	
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.84%	0.150	21.25	20.40	0.159	0.194	0.085	0.104	
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Tilt	11	2462	99.84%	0.056	21.25	20.40					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Cheek	11	2462	99.84%	0.069	21.25	20.40					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Tilt	11	2462	99.84%	0.087	21.25	20.40					
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	1	2412	99.84%	0.653	20.50	19.57	0.664	0.824	0.344	0.427	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.84%	0.604	20.50	19.71	0.584	0.702	0.317	0.381	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	11	2462	99.84%	0.679	20.50	19.91	0.702	0.805	0.354	0.406	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	11	2462	99.84%	0.395	20.50	19.91	0.405	0.465	0.212	0.243	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Bottom	11	2462	99.84%	0.139	20.50	19.91					
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	1	2412	99.84%	0.587	20.50	19.57	0.631	0.783	0.293	0.364	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	6	2437	99.84%	0.648	20.50	19.71	0.693	0.833	0.321	0.386	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	11	2462	99.84%	0.764	20.50	19.91	0.854	0.980	0.384	0.441	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	1	2412	99.84%	0.640	20.50	19.91	0.663	0.761	0.290	0.333	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	6	2437	99.84%	0.725	20.50	20.13	0.756	0.825	0.333	0.363	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.84%	0.791	20.50	20.10	0.820	0.901	0.355	0.390	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Tilt	6	2437	99.84%	0.233	20.50	20.13	0.241	0.263	0.127	0.139	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Cheek	6	2437	99.84%	0.217	20.50	20.13					
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Tilt	6	2437	99.84%	0.062	20.50	20.13					
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.84%	0.449	19.25	18.40	0.442	0.538	0.199	0.242	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	6	2437	99.84%	0.337	19.25	18.40	0.332	0.404	0.147	0.179	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Top	6	2437	99.84%	0.048	19.25	18.40					
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	1	2412	99.84%	0.601	19.25	18.35	0.648	0.798	0.270	0.333	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	6	2437	99.84%	0.653	19.25	18.40	0.827	1.007	0.345	0.420	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	11	2462	99.84%	0.740	19.25	18.39	0.826	1.008	0.345	0.421	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Cheek	11	2462	99.84%	0.058	16.75	16.65	0.062	0.064	0.033	0.034	
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Tilt	11	2462	99.84%	0.024	16.75	16.65					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Cheek	11	2462	99.84%	0.029	16.75	16.65					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Tilt	11	2462	99.84%	0.038	16.75	16.65					
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	11	2462	99.84%	0.301	16.00	15.99	0.307	0.308	0.155	0.156	
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	11	2462	99.84%	0.180	16.00	15.99					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Bottom	11	2462	99.84%	0.052	16.00	15.99					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Left	11	2462	99.84%	0.318	16.00	15.99	0.344	0.345	0.156	0.157	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Cheek	6	2437	99.84%	0.282	16.00	15.65	0.291	0.316	0.126	0.137	
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Tilt	6	2437	99.84%	0.088	16.00	15.65					
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Cheek	6	2437	99.84%	0.085	16.00	15.65					
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Tilt	6	2437	99.84%	0.032	16.00	15.65					
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	6	2437	99.84%	0.168	14.75	14.45	0.166	0.178	0.074	0.079	
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	6	2437	99.84%	0.155	14.75	14.45					
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Top	6	2437	99.84%	0.016	14.75	14.45					
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Right	6	2437	99.84%	0.306	14.75	14.45	0.298	0.320	0.124	0.133	

10.38. Wi-Fi (U-NII 1-3 Bands)

UNII-1 & 2A

When the specified maximum output power is the same for both UNII band 1 and UNII band 2A, begin SAR measurement in UNII band 2A; and if the highest reported SAR for UNII band 2A is

- ≤ 1.2 W/kg, SAR is not required for UNII band 1
- > 1.2 W/kg, both bands should be tested independently for SAR.

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Cheek	54	5270	97.64%	0.051	20.50	19.71	0.050	0.061	0.012	0.015	
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	97.64%	0.017	20.50	19.71					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	97.64%	0.034	20.50	19.71					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	97.64%	0.010	20.50	19.71					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	46	5230	97.64%	0.493	20.00	19.26	0.577	0.701	0.185	0.225	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	46	5230	97.64%	0.166	20.00	19.26	0.167	0.203	0.058	0.070	
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Bottom	46	5230	97.64%	0.041	20.00	19.26					
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	46	5230	97.64%	0.310	20.00	19.26	0.332	0.403	0.117	0.142	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Cheek	54	5270	97.64%	0.175	20.50	19.06					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	97.64%	0.187	20.50	19.06					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	97.64%	0.497	20.50	19.06	0.544	0.776	0.184	0.263	108
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	97.64%	0.307	20.50	19.06	0.363	0.518	0.109	0.156	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	38	5190	97.64%	0.317	16.50	15.02	0.326	0.469	0.098	0.141	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	46	5230	97.64%	0.721	20.00	19.20	0.894	1.101	0.278	0.342	106
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	46	5230	97.64%	0.163	20.00	19.20	0.205	0.252	0.071	0.087	
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Top	46	5230	97.64%	0.155	20.00	19.20					
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	46	5230	97.64%	0.249	20.00	19.20	0.440	0.542	0.145	0.179	107

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Cheek	54	5270	97.64%	0.001	19.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Tilt	54	5270	97.64%	0.002	19.00	18.00	0.000	0.000	0.000	0.000	
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Cheek	54	5270	97.64%	0.001	19.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Tilt	54	5270	97.64%	0.001	19.00	18.00					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	42	5210	94.93%	0.165	16.00	14.52	0.184	0.273	0.049	0.073	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	42	5210	94.93%	0.126	16.00	14.52					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Bottom	42	5210	94.93%	0.018	16.00	14.52					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	42	5210	94.93%	0.174	16.00	14.52					
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Cheek	46	5230	97.64%	0.078	17.25	16.71					
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Tilt	46	5230	97.64%	0.095	17.25	16.71					
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Cheek	46	5230	97.64%	0.201	17.25	16.71	0.246	0.285	0.076	0.088	
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Tilt	46	5230	97.64%	0.181	17.25	16.71					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	42	5210	94.93%	0.249	16.00	14.96	0.270	0.361	0.083	0.111	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	42	5210	94.93%	0.069	16.00	14.96					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Top	42	5210	94.93%	0.058	16.00	14.96					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	42	5210	94.93%	0.117	16.00	14.96	0.110	0.147	0.034	0.046	
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Cheek	54	5270	97.64%	0.051	20.50	19.71	0.050	0.061	0.012	0.015	
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	97.64%	0.017	20.50	19.71					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	97.64%	0.034	20.50	19.71					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	97.64%	0.010	20.50	19.71					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	46	5230	97.64%	0.493	19.50	19.26	0.577	0.625	0.185	0.200	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	46	5230	97.64%	0.166	19.50	19.26	0.167	0.181	0.058	0.063	
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Bottom	46	5230	97.64%	0.041	19.50	19.26					
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	46	5230	97.64%	0.310	19.50	19.26	0.332	0.359	0.117	0.127	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Cheek	46	5230	97.64%	0.198	20.50	19.00					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	46	5230	97.64%	0.236	20.50	19.00					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	46	5230	97.64%	0.470	20.50	19.00	0.515	0.745	0.178	0.258	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	46	5230	97.64%	0.392	20.50	19.00	0.481	0.696	0.144	0.208	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	38	5190	97.64%	0.317	16.50	15.02	0.326	0.469	0.098	0.141	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	46	5230	97.64%	0.721	19.50	19.20	0.894	0.981	0.278	0.305	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	46	5230	97.64%	0.163	19.50	19.20	0.205	0.225	0.071	0.078	
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Top	46	5230	97.64%	0.155	19.50	19.20					
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	46	5230	97.64%	0.249	19.50	19.20	0.440	0.483	0.145	0.159	
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Left Cheek	54	5270	97.64%	0.041	18.00	18.00	0.039	0.040	0.009	0.009	
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Left Tilt	54	5270	97.64%	0.024	18.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Cheek	54	5270	97.64%	0.010	18.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Tilt	54	5270	97.64%	0.003	18.00	18.00					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	42	5210	94.93%	0.165	15.00	14.52	0.184	0.216	0.049	0.058	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	42	5210	94.93%	0.126	15.00	14.52					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	42	5210	94.93%	0.018	15.00	14.52					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	42	5210	94.93%	0.174	15.00	14.52					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	42	5210	94.93%	0.078	16.25	15.67	0.000	0.000	0.000	0.000	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	42	5210	94.93%	0.095	16.25	15.67					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	42	5210	94.93%	0.201	16.25	15.67	0.184	0.222	0.059	0.071	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	42	5210	94.93%	0.181	16.25	15.67					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	42	5210	94.93%	0.249	15.00	14.96	0.320	0.340	0.098	0.104	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	42	5210	94.93%	0.069	15.00	14.96					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Top	42	5210	94.93%	0.058	15.00	14.96					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	42	5210	94.93%	0.117	15.00	14.96	0.110	0.117	0.034	0.036	

UNII-2C

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Cheek	122	5610	94.93%	0.083	20.50	19.10	0.090	0.131	0.030	0.044	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	94.93%	0.010	20.50	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	94.93%	0.018	20.50	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	94.93%	0.011	20.50	19.10					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	94.93%	0.699	19.50	18.16	0.693	0.994	0.210	0.301	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	94.93%	0.603	19.50	18.01	0.673	0.999	0.209	0.310	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	94.93%	0.135	19.50	18.16	0.145	0.208	0.046	0.066	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	122	5610	94.93%	0.060	19.50	18.16					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	94.93%	0.417	19.50	18.16	0.425	0.610	0.137	0.196	109
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Cheek	122	5610	94.93%	0.109	20.50	19.36					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	94.93%	0.104	20.50	19.36					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	94.93%	0.177	20.50	19.36	0.200	0.274	0.057	0.078	110
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	94.93%	0.149	20.50	19.36					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	94.93%	0.695	19.25	18.43	0.720	0.916	0.218	0.277	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	94.93%	0.676	19.25	18.01	0.790	1.107	0.223	0.313	111
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	94.93%	0.079	19.25	18.43	0.091	0.116	0.022	0.028	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	122	5610	94.93%	0.064	19.25	18.43					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	94.93%	0.284	19.25	18.43	0.279	0.355	0.089	0.113	

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	122	5610	94.93%	0.020	18.00	17.00	0.016	0.021	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	122	5610	94.93%	0.001	18.00	17.00					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	122	5610	94.93%	0.001	18.00	17.00					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	122	5610	94.93%	0.001	18.00	17.00					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	92.06%	0.260	15.50	14.14	0.285	0.423	0.070	0.104	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	92.06%	0.020	15.50	14.14	0.020	0.030	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Bottom	114	5570	92.06%	0.006	15.50	14.14					
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	92.06%	0.115	15.50	14.14	0.111	0.165	0.022	0.033	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	122	5610	94.93%	0.050	18.00	16.82					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	122	5610	94.93%	0.050	18.00	16.82					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	122	5610	94.93%	0.098	18.00	16.82	0.105	0.145	0.028	0.039	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	122	5610	94.93%	0.066	18.00	16.82					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	92.06%	0.174	15.25	13.83	0.165	0.249	0.038	0.057	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	92.06%	0.010	15.25	13.83					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Top	114	5570	92.06%	0.012	15.25	13.83					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	92.06%	0.097	15.25	13.83					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Cheek	122	5610	94.93%	0.083	20.50	19.10	0.090	0.131	0.030	0.044	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	94.93%	0.010	20.50	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	94.93%	0.018	20.50	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	94.93%	0.011	20.50	19.10					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	94.93%	0.606	19.00	18.16	0.693	0.886	0.210	0.268	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	94.93%	0.603	19.00	18.01	0.673	0.890	0.209	0.277	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	94.93%	0.135	19.00	18.16	0.145	0.185	0.046	0.059	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	122	5610	94.93%	0.060	19.00	18.16					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	94.93%	0.417	19.00	18.16	0.425	0.543	0.137	0.175	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Cheek	122	5610	94.93%	0.109	20.50	19.36					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	94.93%	0.104	20.50	19.36					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	94.93%	0.177	20.50	19.36	0.200	0.274	0.057	0.078	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	94.93%	0.149	20.50	19.36					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	106	5530	94.93%	0.294	17.00	15.91	0.283	0.383	0.072	0.097	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	94.93%	0.695	18.75	18.43	0.720	0.816	0.218	0.247	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	94.93%	0.676	18.75	18.01	0.790	0.987	0.223	0.279	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	94.93%	0.079	18.75	18.43	0.091	0.103	0.022	0.025	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	122	5610	94.93%	0.064	18.75	18.43					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	94.93%	0.284	18.75	18.43	0.279	0.316	0.089	0.101	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	122	5610	94.93%	0.020	17.00	17.00	0.016	0.017	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	122	5610	94.93%	0.001	18.00	17.00					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	122	5610	94.93%	0.001	18.00	17.00					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	122	5610	94.93%	0.001	18.00	17.00					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	92.06%	0.260	14.50	14.14	0.285	0.336	0.070	0.083	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	92.06%	0.020	14.50	14.14	0.020	0.024	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Bottom	114	5570	92.06%	0.006	14.50	14.14					
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	92.06%	0.115	14.50	14.14	0.111	0.131	0.022	0.026	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	122	5610	94.93%	0.050	17.00	16.82					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	122	5610	94.93%	0.050	17.00	16.82					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	122	5610	94.93%	0.098	17.00	16.82	0.105	0.115	0.028	0.031	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	122	5610	94.93%	0.066	17.00	16.82					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	92.06%	0.174	14.25	13.83	0.165	0.197	0.038	0.045	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	92.06%	0.010	14.25	13.83					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Top	114	5570	92.06%	0.012	14.25	13.83					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	92.06%	0.097	14.25	13.83					

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Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11a	Power State 1 Mode A	0	Left Cheek	165	5825	98.95%	0.041	21.00	20.08	0.036	0.045	0.004	0.005	
ANT 5	Head	802.11a	Power State 1 Mode A	0	Left Tilt	165	5825	98.95%	0.013	21.00	20.08					
ANT 5	Head	802.11a	Power State 1 Mode A	0	Right Cheek	165	5825	98.95%	0.003	21.00	20.08					
ANT 5	Head	802.11a	Power State 1 Mode A	0	Right Tilt	165	5825	98.95%	0.001	21.00	20.08					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	94.93%	0.501	19.50	18.22	0.665	0.941	0.209	0.296	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	94.93%	0.141	19.50	18.22	0.171	0.242	0.051	0.072	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	155	5775	94.93%	0.042	19.50	18.22					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	94.93%	0.310	19.50	18.22	0.341	0.482	0.110	0.156	112
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11a	Power State 1 Mode A	0	Left Cheek	149	5745	98.95%	0.136	21.00	20.79					
ANT 6	Head	802.11a	Power State 1 Mode A	0	Left Tilt	149	5745	98.95%	0.136	21.00	20.79					
ANT 6	Head	802.11a	Power State 1 Mode A	0	Right Cheek	149	5745	98.95%	0.442	21.00	20.79	0.597	0.633	0.182	0.193	113
ANT 6	Head	802.11a	Power State 1 Mode A	0	Right Tilt	149	5745	98.95%	0.251	21.00	20.79	0.308	0.327	0.086	0.091	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	94.93%	0.872	19.50	18.50	0.766	1.016	0.205	0.272	114
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	94.93%	0.092	19.50	18.50	0.068	0.090	0.021	0.028	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	155	5775	94.93%	0.092	19.50	18.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	94.93%	0.363	19.50	18.50	0.356	0.472	0.099	0.131	

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	155	5775	94.93%	0.007	18.50	17.35					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	94.93%	0.001	18.50	17.35					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	94.93%	0.010	18.50	17.35	0.000	0.000	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	94.93%	0.005	18.50	17.35					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	94.93%	0.197	15.50	14.10	0.223	0.324	0.067	0.097	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	94.93%	0.035	15.50	14.10					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Bottom	155	5775	94.93%	0.014	15.50	14.10					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	94.93%	0.114	15.50	14.10					
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	155	5775	94.93%	0.136	19.50	18.14					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	94.93%	0.143	19.50	18.14					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	94.93%	0.200	19.50	18.14	0.239	0.344	0.073	0.105	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	94.93%	0.193	19.50	18.14					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	94.93%	0.435	15.50	14.36	0.314	0.430	0.084	0.115	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	94.93%	0.036	15.50	14.36	0.028	0.038	0.005	0.007	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Top	155	5775	94.93%	0.047	15.50	14.36					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	94.93%	0.191	15.50	14.36	0.183	0.251	0.053	0.073	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11a	Power State 5 Mode A	0	Left Cheek	165	5825	98.95%	0.041	21.00	20.08	0.036	0.045	0.004	0.005	
ANT 5	Head	802.11a	Power State 5 Mode A	0	Left Tilt	165	5825	98.95%	0.013	21.00	20.08	0.013	0.016	0.000	0.000	
ANT 5	Head	802.11a	Power State 5 Mode A	0	Right Cheek	165	5825	98.95%	0.003	21.00	20.08					
ANT 5	Head	802.11a	Power State 5 Mode A	0	Right Tilt	165	5825	98.95%	0.001	21.00	20.08					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	94.93%	0.501	19.00	18.22	0.665	0.838	0.209	0.263	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	94.93%	0.141	19.00	18.22	0.171	0.216	0.051	0.064	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	155	5775	94.93%	0.042	19.00	18.22					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	94.93%	0.310	19.00	18.22	0.341	0.430	0.110	0.139	
ANT 6	Head	802.11a	Power State 5 Mode A	0	Left Cheek	149	5745	98.95%	0.136	21.00	20.79					
ANT 6	Head	802.11a	Power State 5 Mode A	0	Left Tilt	149	5745	98.95%	0.136	21.00	20.79					
ANT 6	Head	802.11a	Power State 5 Mode A	0	Right Cheek	149	5745	98.95%	0.442	21.00	20.79	0.597	0.633	0.182	0.193	
ANT 6	Head	802.11a	Power State 5 Mode A	0	Right Tilt	149	5745	98.95%	0.251	21.00	20.79	0.308	0.327	0.086	0.091	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	94.93%	0.872	19.00	18.50	0.766	0.905	0.205	0.242	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	94.93%	0.092	19.00	18.50	0.068	0.080	0.021	0.025	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	155	5775	94.93%	0.092	19.00	18.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	94.93%	0.363	19.00	18.50	0.356	0.421	0.099	0.117	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	94.93%	0.007	17.50	17.35					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	94.93%	0.001	17.50	17.35					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	94.93%	0.010	17.50	17.35	0.000	0.000	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	94.93%	0.005	17.50	17.35					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	94.93%	0.197	14.50	14.10	0.223	0.258	0.067	0.077	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	94.93%	0.035	14.50	14.10					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	155	5775	94.93%	0.014	14.50	14.10					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	94.93%	0.114	14.50	14.10					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	94.93%	0.136	18.50	18.14					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	94.93%	0.143	18.50	18.14					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	94.93%	0.200	18.50	18.14	0.239	0.274	0.073	0.084	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	94.93%	0.193	18.50	18.14					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	94.93%	0.435	14.50	14.36	0.314	0.342	0.084	0.091	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	94.93%	0.036	14.50	14.36	0.028	0.030	0.005	0.005	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Top	155	5775	94.93%	0.047	14.50	14.36					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	94.93%	0.183	14.50	14.36	0.183	0.199	0.053	0.058	

10.39. Wi-Fi 6E (U-NII 5-8 Bands)

The iPD measurements are recorded in UL 14523772-S10 Report.

10.40. Bluetooth 2.4GHz

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Cheek	39	2441	20.50	19.52	0.104	0.130	0.054	0.068	
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Tilt	39	2441	20.50	19.52	0.038	0.048	0.020	0.025	
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Cheek	39	2441	20.50	19.52	0.045	0.056	0.027	0.034	
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Tilt	39	2441	20.50	19.52	0.060	0.075	0.032	0.040	
ANT 3	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Back	39	2441	20.50	19.52	0.519	0.650	0.276	0.346	
ANT 3	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Front	39	2441	20.50	19.52	0.307	0.385	0.159	0.199	
ANT 3	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Bottom	39	2441	20.50	19.52	0.068	0.085	0.033	0.041	
ANT 3	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Left	39	2441	20.50	19.52	0.605	0.758	0.277	0.347	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Cheek	39	2441	20.50	19.11	0.517	0.712	0.222	0.306	115
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Tilt	39	2441	20.50	19.11	0.168	0.231	0.088	0.121	
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Cheek	39	2441	20.50	19.11	0.159	0.219	0.089	0.123	
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Tilt	39	2441	20.50	19.11	0.046	0.063	0.024	0.033	
ANT 4	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Back	39	2441	20.50	19.11	0.646	0.890	0.280	0.386	116
ANT 4	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Front	39	2441	20.50	19.11	0.261	0.359	0.120	0.165	
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Top	39	2441	20.50	19.11	0.043	0.059	0.019	0.026	
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Right	0	2402	20.50	19.08	0.454	0.630	0.192	0.266	
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Right	39	2441	20.50	19.11	0.666	0.917	0.280	0.386	117
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Right	78	2480	20.50	18.96	0.636	0.907	0.269	0.383	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	39	2441	19.50	18.29	0.082	0.108	0.044	0.058	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	39	2441	19.50	18.29	0.029	0.038	0.016	0.021	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	39	2441	19.50	18.29	0.042	0.055	0.024	0.032	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	39	2441	19.50	18.29	0.048	0.063	0.026	0.034	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	17.50	16.36	0.244	0.317	0.130	0.169	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	17.50	16.36	0.153	0.199	0.078	0.101	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Right	39	2441	17.50	16.36	0.021	0.027	0.010	0.013	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	39	2441	17.50	16.36	0.052	0.068	0.025	0.033	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	39	2441	17.50	16.36	0.259	0.337	0.177	0.230	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	39	2441	18.00	17.16	0.327	0.397	0.139	0.169	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	39	2441	18.00	17.16	0.091	0.110	0.048	0.058	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	39	2441	18.00	17.16	0.101	0.123	0.055	0.067	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	39	2441	18.00	17.16	0.027	0.033	0.014	0.017	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	17.00	16.28	0.282	0.333	0.125	0.148	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	17.00	16.28	0.130	0.153	0.059	0.070	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	39	2441	17.00	16.28	0.020	0.024	0.009	0.011	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Right	39	2441	17.00	16.28	0.318	0.375	0.132	0.156	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	39	2441	13.50	12.40	0.017	0.022	0.009	0.012	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	39	2441	13.50	12.40	0.007	0.009	0.003	0.004	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	39	2441	13.50	12.40	0.009	0.012	0.005	0.006	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	39	2441	13.50	12.40	0.011	0.014	0.006	0.008	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	11.50	10.45	0.065	0.083	0.033	0.042	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	11.50	10.45	0.049	0.062	0.025	0.032	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Right	39	2441	11.50	10.45	0.004	0.005	0.001	0.001	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	39	2441	11.50	10.45	0.008	0.010	0.003	0.004	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	39	2441	11.50	10.45	0.070	0.089	0.031	0.039	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	39	2441	12.00	10.52	0.063	0.089	0.027	0.038	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	39	2441	12.00	10.52	0.018	0.025	0.009	0.013	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	39	2441	12.00	10.52	0.018	0.025	0.009	0.013	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	39	2441	12.00	10.52	0.005	0.007	0.002	0.003	
ANT 4	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	11.00	10.48	0.065	0.073	0.028	0.032	
ANT 4	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	11.00	10.48	0.034	0.038	0.015	0.017	
ANT 4	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	39	2441	11.00	10.48	0.005	0.006	0.001	0.001	
ANT 4	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Right	39	2441	11.00	10.48	0.069	0.078	0.028	0.032	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	39	2441	13.50	12.40	0.017	0.022	0.009	0.012	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	13.50	12.40	0.007	0.009	0.003	0.004	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	13.50	12.40	0.009	0.012	0.005	0.006	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	13.50	12.40	0.011	0.014	0.006	0.008	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	11.50	10.45	0.065	0.083	0.033	0.042	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.50	10.45	0.049	0.062	0.025	0.032	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Right	39	2441	11.50	10.45	0.004	0.005	0.001	0.001	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	39	2441	11.50	10.45	0.008	0.010	0.003	0.004	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	39	2441	11.50	10.45	0.070	0.089	0.031	0.039	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	39	2441	12.00	10.52	0.063	0.089	0.027	0.038	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	12.00	10.52	0.018	0.025	0.009	0.013	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	12.00	10.52	0.018	0.025	0.009	0.013	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	12.00	10.52	0.005	0.007	0.002	0.003	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	11.00	10.48	0.065	0.073	0.028	0.032	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.00	10.48	0.034	0.038	0.015	0.017	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	39	2441	11.00	10.48	0.005	0.006	0.001	0.001	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Right	39	2441	11.00	10.48	0.069	0.078	0.028	0.032	

Notes:

Refer to §6.2 for Duty Cycle used for SAR testing.

10.41. NB UNII

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Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Left Cheek	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Left Tilt	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Right Cheek	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Right Tilt	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Back	0	5230	14.00	13.40	0.102	0.117	0.027	0.031	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Front	0	5230	14.00	13.40	0.029	0.033	0.001	0.001	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Edge Bottom	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Edge Left	0	5230	14.00	13.40	0.046	0.053	0.005	0.006	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Left Cheek	0	5230	14.00	13.40	0.014	0.016	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Left Tilt	0	5230	14.00	13.40	0.018	0.021	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Right Cheek	0	5230	14.00	13.40	0.090	0.103	0.025	0.029	118
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PStandalone Mode A	0	Right Tilt	0	5230	14.00	13.40	0.060	0.069	0.005	0.006	
ANT 6	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Back	0	5230	14.00	13.40	0.153	0.176	0.045	0.052	119
ANT 6	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Front	0	5230	14.00	13.40	0.025	0.029	0.000	0.000	
ANT 6	Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Edge Top	0	5230	14.00	13.40	0.014	0.016	0.000	0.000	
ANT 6	Hotspot	$\pi/4$ DQPSK (HDR8)	PStandalone Mode B	5	Edge Left	0	5230	14.00	13.40	0.054	0.062	0.012	0.014	120
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Left Cheek	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Left Tilt	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Right Cheek	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Right Tilt	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Back	0	5230	14.00	13.40	0.102	0.117	0.027	0.031	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Front	0	5230	14.00	13.40	0.029	0.033	0.001	0.001	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Edge Bottom	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Edge Left	0	5230	14.00	13.40	0.046	0.053	0.005	0.006	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Left Cheek	0	5230	14.00	13.40	0.014	0.016	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Left Tilt	0	5230	14.00	13.40	0.018	0.021	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Right Cheek	0	5230	14.00	13.40	0.090	0.103	0.025	0.029	
ANT 6	Head	$\pi/4$ DQPSK (HDR8)	PHigh Mode A	0	Right Tilt	0	5230	14.00	13.40	0.060	0.069	0.005	0.006	
ANT 6	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Back	0	5230	14.00	13.40	0.153	0.176	0.045	0.052	
ANT 6	Body & Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Front	0	5230	14.00	13.40	0.025	0.029	0.000	0.000	
ANT 6	Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Edge Top	0	5230	14.00	13.40	0.014	0.016	0.000	0.000	
ANT 6	Hotspot	$\pi/4$ DQPSK (HDR8)	PHigh Mode B	5	Edge Left	0	5230	14.00	13.40	0.054	0.062	0.012	0.014	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PMid Mode A	0	Left Cheek	Mid	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PMid Mode A	0	Left Tilt	Mid	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PMid Mode A	0	Right Cheek	Mid	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PMid Mode A	0	Right Tilt	Mid	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR4)	PMid Mode B	5	Back	Mid	5230	10.50	9.24	0.041	0.055	0.002	0.003	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR4)	PMid Mode B	5	Front	Mid	5230	10.50	9.24	0.002	0.003	0.000	0.000	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR4)	PMid Mode B	5	Edge Bottom	Mid	5230	10.50	9.24	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR4)	PMid Mode B	5	Edge Left	Mid	5230	10.50	9.24	0.030	0.040	0.009	0.012	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PMid Mode A	0	Left Cheek	Mid	5230	12.00	11.59	0.000	0.000	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PMid Mode A	0	Left Tilt	Mid	5230	12.00	11.59	0.000	0.000	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PMid Mode A	0	Right Cheek	Mid	5230	12.00	11.59	0.042	0.046	0.010	0.011	
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PMid Mode A	0	Right Tilt	Mid	5230	12.00	11.59	0.009	0.010	0.000	0.000	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	Mid	5230	10.00	9.28	0.071	0.084	0.023	0.027	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	Mid	5230	10.00	9.28	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	Mid	5230	10.00	9.28	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	Mid	5230	10.00	9.28	0.014	0.017	0.000	0.000	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PLow Mode A	0	Left Cheek	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PLow Mode A	0	Left Tilt	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PLow Mode A	0	Right Cheek	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Head	$\pi/4$ DQPSK (HDR8)	PLow Mode A	0	Right Tilt	0	5230	14.00	13.40	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR4)	PLow Mode B	5	Back	0	5230	10.50	9.24	0.041	0.055	0.002	0.003	
ANT 5	Body & Hotspot	$\pi/4$ DQPSK (HDR4)	PLow Mode B	5	Front	0	5230	10.50	9.24	0.002	0.003	0.000	0.000	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR4)	PLow Mode B	5	Edge Bottom	0	5230	10.50	9.24	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	$\pi/4$ DQPSK (HDR4)	PLow Mode B	5	Edge Left	0	5230	10.50	9.24	0.030	0.040	0.009	0.012	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PLow Mode A	0	Left Cheek	0	5230	12.00	11.59	0.000	0.000	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PLow Mode A	0	Left Tilt	0	5230	12.00	11.59	0.000	0.000	0.000	0.000	
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PLow Mode A	0	Right Cheek	0	5230	12.00	11.59	0.042	0.046	0.010	0.011	
ANT 6	Head	$\pi/4$ DQPSK (HDR4)	PLow Mode A	0	Right Tilt	0	5230	12.00	11.59	0.009	0.010	0.000	0.000	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5230	10.00	9.28	0.071	0.084	0.023	0.027	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5230	10.00	9.28	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5230	10.00	9.28	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5230	10.00	9.28	0.014	0.017	0.000	0.000	

Notes:

Refer to §6.2 for Duty Cycle used for SAR testing.

UNII-3

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	0	5788	19.50	18.66	0.020	0.024	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	19.50	18.66	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	19.50	18.66	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	19.50	18.66	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	19.50	18.66	0.472	0.573	0.140	0.170	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	19.50	18.66	0.072	0.087	0.019	0.023	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	0	5788	19.50	18.66	0.027	0.033	0.008	0.010	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	19.50	18.66	0.245	0.297	0.078	0.095	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	0	5788	20.00	18.61	0.113	0.156	0.030	0.041	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	20.00	18.61	0.112	0.154	0.029	0.040	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	20.00	18.61	0.120	0.165	0.035	0.048	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	20.00	18.61	0.158	0.218	0.047	0.065	121
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5733	20.00	18.67	0.705	0.958	0.203	0.276	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	20.00	18.61	0.767	1.056	0.220	0.303	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5844	20.00	18.66	0.781	1.063	0.229	0.312	122
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	20.00	18.61	0.055	0.076	0.015	0.021	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	0	5788	20.00	18.61	0.087	0.120	0.030	0.041	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	20.00	18.61	0.282	0.388	0.091	0.125	123
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	0	5788	19.00	18.66	0.020	0.022	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	5788	19.00	18.66	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	5788	19.00	18.66	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	5788	19.00	18.66	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	16.50	15.41	0.256	0.329	0.076	0.098	
ANT 5	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	16.50	15.41	0.044	0.057	0.010	0.013	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	0	5788	16.50	15.41	0.012	0.015	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	16.50	15.41	0.124	0.159	0.034	0.044	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	0	5788	20.00	18.61	0.113	0.156	0.030	0.041	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	5788	20.00	18.61	0.112	0.154	0.029	0.040	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	5788	20.00	18.61	0.120	0.165	0.035	0.048	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	5788	20.00	18.61	0.158	0.218	0.047	0.065	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	16.50	15.41	0.291	0.374	0.082	0.105	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	16.50	15.41	0.018	0.023	0.002	0.003	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	0	5788	16.50	15.41	0.034	0.044	0.009	0.012	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	16.50	15.41	0.113	0.145	0.026	0.033	

Notes:

ANT6 Power Mode A for P_{high} is the same as P_{Standalone}

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5788	13.50	13.27	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	13.50	13.27	0.001	0.001	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	13.50	13.27	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	13.50	13.27	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	10.50	9.96	0.055	0.062	0.012	0.014	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	10.50	9.96	0.004	0.005	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	0	5788	10.50	9.96	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	10.50	9.96	0.027	0.031	0.004	0.005	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5788	14.50	13.56	0.021	0.026	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	14.50	13.56	0.024	0.030	0.002	0.002	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	14.50	13.56	0.047	0.058	0.010	0.012	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	14.50	13.56	0.061	0.076	0.014	0.017	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	10.50	9.55	0.069	0.086	0.016	0.020	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	10.50	9.55	0.004	0.005	0.001	0.001	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	0	5788	10.50	9.55	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	10.50	9.55	0.021	0.026	0.003	0.004	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5788	13.50	13.27	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	13.50	13.27	0.001	0.001	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	13.50	13.27	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	13.50	13.27	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	10.50	9.96	0.055	0.062	0.012	0.014	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	10.50	9.96	0.004	0.005	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	0	5788	10.50	9.96	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	10.50	9.96	0.027	0.031	0.004	0.005	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5788	14.50	13.56	0.021	0.026	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	14.50	13.56	0.024	0.030	0.002	0.002	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	14.50	13.56	0.047	0.058	0.010	0.012	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	14.50	13.56	0.061	0.076	0.014	0.017	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	10.50	9.55	0.069	0.086	0.016	0.020	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	10.50	9.55	0.004	0.005	0.001	0.001	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5788	10.50	9.55	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	10.50	9.55	0.021	0.026	0.003	0.004	

Notes:

Refer to §6.2 for Duty Cycle used for SAR testing.

10.42. MSS (Mobile Satellite Service)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262316	1610.1	22.3	22.3	0.844	0.844	0.428	0.428	
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262391	1617.6	22.3	22.3	0.858	0.858	0.430	0.430	124
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262466	1625.1	22.3	22.3	0.826	0.826	0.411	0.411	
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	22.3	22.3	0.253	0.253	0.139	0.139	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	22.3	22.3	0.342	0.342	0.165	0.165	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262391	1617.6	22.3	22.3	0.426	0.426	0.217	0.217	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Left	262391	1617.6	22.3	22.3	0.010	0.010	0.005	0.005	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262391	1617.6	21.5	20.5	0.437	0.550	0.327	0.412	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	21.5	20.5	0.271	0.341	0.157	0.198	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Top	262391	1617.6	21.5	20.5	0.048	0.060	0.027	0.034	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262316	1610.1	21.5	20.4	0.659	0.849	0.343	0.442	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	21.5	20.5	0.700	0.881	0.356	0.448	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262466	1625.1	21.5	20.4	0.716	0.922	0.359	0.462	125

10.43. 802.15.4

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Cheek	Mid	2440	21.00	19.73	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Tilt	Mid	2440	21.00	19.73	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Cheek	Mid	2440	21.00	19.73	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Tilt	Mid	2440	21.00	19.73	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Back	Mid	2440	21.00	19.73	0.013	0.017	0.005	0.007	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	21.00	19.73	0.017	0.023	0.007	0.009	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Bottom	Mid	2440	21.00	19.73	0.002	0.003	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Left	Mid	2440	21.00	19.73	0.011	0.015	0.004	0.005	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Cheek	Mid	2440	21.00	19.98	0.368	0.465	0.169	0.214	126
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Tilt	Mid	2440	21.00	19.98	0.230	0.291	0.101	0.128	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Cheek	Mid	2440	21.00	19.98	0.108	0.137	0.061	0.077	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Tilt	Mid	2440	21.00	19.98	0.103	0.130	0.051	0.065	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Back	Mid	2440	21.00	19.98	0.209	0.264	0.098	0.124	127
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	21.00	19.98	0.171	0.216	0.083	0.105	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Top	Mid	2440	21.00	19.98	0.043	0.054	0.022	0.028	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Right	Mid	2440	21.00	19.98	0.086	0.109	0.043	0.054	128
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Cheek	Mid	2440	20.50	19.73	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Tilt	Mid	2440	20.50	19.73	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Cheek	Mid	2440	20.50	19.73	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Tilt	Mid	2440	20.50	19.73	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Back	Mid	2440	18.50	17.35	0.012	0.016	0.004	0.005	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	18.50	17.35	0.010	0.013	0.005	0.007	
ANT 3	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Bottom	Mid	2440	18.50	17.35	0.001	0.001	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Left	Mid	2440	18.50	17.35	0.009	0.012	0.004	0.005	

Notes:

SAR Testing was performed at 100% Duty Cycle. Testing was performed at Maximum Output Power levels set for 100% Duty Cycle.

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Cheek	Mid	2440	19.00	18.44	0.323	0.367	0.146	0.166	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Tilt	Mid	2440	19.00	18.44	0.146	0.166	0.063	0.072	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Cheek	Mid	2440	19.00	18.44	0.069	0.078	0.039	0.044	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Tilt	Mid	2440	19.00	18.44	0.058	0.066	0.029	0.033	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Back	Mid	2440	18.00	16.51	0.095	0.134	0.044	0.062	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	18.00	16.51	0.060	0.085	0.028	0.039	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Top	Mid	2440	18.00	16.51	0.013	0.018	0.006	0.008	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Right	Mid	2440	18.00	16.51	0.043	0.061	0.020	0.028	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Cheek	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Back	Mid	2440	12.50	11.14	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	12.50	11.14	0.003	0.004	0.002	0.003	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Bottom	Mid	2440	12.50	11.14	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Left	Mid	2440	12.50	11.14	0.000	0.000	0.000	0.000	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Cheek	Mid	2440	13.00	11.97	0.071	0.090	0.032	0.041	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	13.00	11.97	0.037	0.047	0.015	0.019	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	13.00	11.97	0.017	0.022	0.009	0.011	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	13.00	11.97	0.015	0.019	0.007	0.009	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Back	Mid	2440	12.00	10.46	0.026	0.037	0.011	0.016	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	12.00	10.46	0.017	0.024	0.007	0.010	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Top	Mid	2440	12.00	10.46	0.003	0.004	0.001	0.001	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Right	Mid	2440	12.00	10.46	0.012	0.017	0.005	0.007	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Cheek	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Tilt	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Cheek	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Tilt	Mid	2440	14.50	13.70	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Back	Mid	2440	12.50	11.14	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Front	Mid	2440	12.50	11.14	0.003	0.004	0.002	0.003	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Bottom	Mid	2440	12.50	11.14	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Left	Mid	2440	12.50	11.14	0.000	0.000	0.000	0.000	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Cheek	Mid	2440	13.00	11.97	0.071	0.090	0.032	0.041	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Tilt	Mid	2440	13.00	11.97	0.037	0.047	0.015	0.019	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Cheek	Mid	2440	13.00	11.97	0.017	0.022	0.009	0.011	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Tilt	Mid	2440	13.00	11.97	0.015	0.019	0.007	0.009	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Back	Mid	2440	12.00	10.46	0.026	0.037	0.011	0.016	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Front	Mid	2440	12.00	10.46	0.017	0.024	0.007	0.010	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Top	Mid	2440	12.00	10.46	0.003	0.004	0.001	0.001	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Right	Mid	2440	12.00	10.46	0.012	0.017	0.005	0.007	

Notes:

SAR Testing was performed at 100% Duty Cycle. Testing was performed at Maximum Output Power levels set for 100% Duty Cycle.

10.44. 802.15.4ab - NB

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Cheek	Mid	5786.25	20.50	20.10	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	20.50	20.10	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	20.50	20.10	0.007	0.008	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	20.50	20.10	0.004	0.004	0.000	0.000	
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	18.75	18.30	0.020	0.022	0.003	0.003	
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	18.75	18.30	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Bottom	Mid	5786.25	18.75	18.30	0.002	0.002	0.000	0.000	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	18.75	18.30	0.017	0.019	0.004	0.004	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Cheek	Mid	5786.25	20.50	19.60	0.000	0.000	0.000	0.000	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	20.50	19.60	0.002	0.002	0.000	0.000	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	20.50	19.60	0.016	0.020	0.004	0.005	129
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	20.50	19.60	0.014	0.017	0.000	0.000	
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	18.75	17.70	0.027	0.034	0.002	0.003	130
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	18.75	17.70	0.012	0.015	0.002	0.003	
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Top	Mid	5786.25	18.75	17.70	0.005	0.006	0.000	0.000	
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	18.75	17.70	0.068	0.087	0.016	0.020	131

Notes:

Refer to §6.2 for Duty Cycle used for SAR testing.

10.45. NFC

Antenna	RF Exposure Conditions	Mode	Dist. (mm)	Test Position	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Primary Ant	Extremity	Type A	0	Rear	13.56	0.005	0.002	
				Front	13.56	0.009	0.004	
				Edge Top	13.56	0.017	0.006	132
				Edge Left	13.56	0.002	0.000	
Antenna	RF Exposure Conditions	Mode	Dist. (mm)	Test Position	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Secondary Ant	Extremity	Type A	0	Rear	13.56	0.001	0.000	
				Front	13.56	0.000	0.000	
				Edge Right	13.56	0.000	0.000	
				Edge Left	13.56	0.000	0.000	

10.46. SAR Results at 25 mm

Additional testing at 25 mm separation distance was performed at Max Output power as requested by the FCC. SAR testing was performed on up to three Cellular bands: one Low Band (below 1 GHz), one Mid/High Band (1 GHz – 3 GHz), and one Ultra High Band (above 3 GHz). Tests performed were determined by the greatest delta between Mode B Power and Max Output power. If there was no delta between Mode B and Max Output power, then testing was deemed unnecessary since the 5mm results are more conservative. The RF exposure condition with the worst-case SAR value was tested.

Technology	Band	Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
NR	n41 PC3	4	Hotspot	DFT-s OFDM π/2 BPSK	Max Output Power	25	Edge Right	518598	2592.99	1	136	25.7	25.5	0.221	0.231	0.120	0.126	133
NR	n77 PC3 Block A	9	Body & Hotspot	DFT-s OFDM π/2 BPSK	Max Output Power	25	Back	657200	3858.0	135	69	25.7	25.6	0.161	0.165	0.078	0.080	134

Notes:

For Low Band, Mode B Power equals Max Output power, therefore testing was not required.

11. SAR Measurement Variability

In accordance with published RF Exposure KDB 865664 D01 SAR measurement 100 MHz to 6 GHz. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.8 or 2 W/kg (1-g or 10-g respectively); steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.8 or 2 W/kg (1-g or 10-g respectively), repeat that measurement once.
- 3) Perform a second repeated measurement only if the **ratio of largest to smallest SAR** for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 or 3.6 W/kg (~ 10% from the 1-g or 10-g respective SAR limit).
- 4) Perform a third repeated measurement only if the original, first, or second repeated measurement is ≥ 1.5 or 3.75 W/kg (1-g or 10-g respectively) and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Frequency Band (MHz)	Air Interface	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated		Second Repeated		Third Repeated
						Measured SAR (W/kg)	Largest to Smallest SAR Ratio	Measured SAR (W/kg)	Largest to Smallest SAR Ratio	Measured SAR (W/kg)
700	LTE B14	Body & Hotspot	Back	Yes	0.822	0.799	1.03	N/A	N/A	N/A
1640	MSS	Body & Hotspot	Back	Yes	0.858	0.861	1.00	N/A	N/A	N/A
1700	LTE B66	Body & Hotspot	Back	Yes	0.863	0.842	1.02	N/A	N/A	N/A
1900	W-CDMA B2	Body & Hotspot	Back	Yes	0.878	0.934	1.06	N/A	N/A	N/A
2300	LTE B30	Hotspot	Edge Right	Yes	0.865	0.795	1.09	N/A	N/A	N/A
2400	Wi-Fi 2.4 GHz	Head	Left Cheek	Yes	0.974	0.875	1.11	N/A	N/A	N/A
2500	LTE B7	Body & Hotspot	Back	Yes	0.884	0.763	1.16	N/A	N/A	N/A
2600	LTE B41 FCC PC3	Body & Hotspot	Back	Yes	0.825	0.767	1.08	N/A	N/A	N/A
3600	FR1 n48	Body & Hotspot	Back	Yes	0.808	0.677	1.19	N/A	N/A	N/A
5000	Wi-Fi 5.2 GHz	Body & Hotspot	Back	Yes	0.894	0.797	1.12	N/A	N/A	N/A

Note(s):

Repeated measurement is not required since the original highest measured SAR is <0.8 W/kg (1-g) or 2 W/kg (10-g) .

12. Simultaneous Transmission Conditions

KDB 447498 D01 General RF Exposure Guidance provides two procedures for determining simultaneous transmission SAR test exclusion: Sum of SAR and SAR to Peak Location Ratio (SPLSR)

Sum of SAR

To qualify for simultaneous transmission SAR test exclusion based upon Sum of SAR the sum of the reported standalone SARs for all simultaneously transmitting antennas shall be below the applicable standalone SAR limit. If the sum of the SARs is above the applicable limit then simultaneous transmission SAR test exclusion may still apply if the requirements of the SAR to Peak Location Ratio (SPLSR) evaluation are met.

SAR to Peak Location Ratio (SPLSR)

KDB 447498 D01 General RF Exposure Guidance explains how to calculate the SAR to Peak Location Ratio (SPLSR) between pairs of simultaneously transmitting antennas:

$$SPLSR = (SAR_1 + SAR_2)^{1.5} / R_i$$

Where:

SAR₁ is the highest reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition

SAR₂ is the highest reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in the same test operating mode and exposure condition as the first

R_i is the separation distance between the pair of simultaneous transmitting antennas. When the SAR is measured, for both antennas in the pair, it is determined by the actual x, y and z coordinates in the 1-g SAR for each SAR peak location, based on the extrapolated and interpolated result in the zoom scan measurement, using the formula of $[(x_1-x_2)^2 + (y_1-y_2)^2 + (z_1-z_2)^2]$

In order for a pair of simultaneous transmitting antennas with the sum of 1-g SAR > 1.6 W/kg to qualify for exemption from Simultaneous Transmission SAR measurements, it has to satisfy the condition of:

$$(SAR_1 + SAR_2)^{1.5} / R_i \leq 0.04$$

When an individual antenna transmits at on two bands simultaneously, the sum of the highest reported SAR for the frequency bands should be used to determine **SAR₁** or **SAR₂**. When SPLSR is necessary, the smallest distance between the peak SAR locations for the antenna pair with respect to the peaks from each antenna should be used.

The antennas in all antenna pairs that do not qualify for simultaneous transmission SAR test exclusion must be tested for SAR compliance, according to the enlarged zoom scan and volume scan post-processing procedures in KDB Publication 865664 D01

Simultaneous transmission SAR measurement

When simultaneous transmission SAR measurements are required in different frequency bands not covered by a single probe calibration point then separate tests for each frequency band are performed. The tests are performed using enlarged zoom scans which are processed, by means of superposition, using the DASY volume scan post-processing procedures to determine the 1-g SAR for the aggregate SAR distribution.

The spatial resolution used for all enlarged zoom scans is the same as used for the most stringent zoom scans. I.E. the scan parameters required for the highest frequency assessed are used for all enlarged zoom scans. The scans cover the complete area of the device to ensure all transmitting antennas and radiating structures are assessed.

DASY provides the ability to perform Multiband Evaluations according to the latest standards using the Volume Scan job as well as appropriate routines for the post-processing.

In order to extract and process measurements within different frequency bands, the SEMCAD X Post-processor performs the combination and subsequent superposition of these measurement data via DASY = Combined MultiBand Averaged SAR.

Combined Multi Band Averaged SAR allows - in addition to the data extraction - an evaluation of the 1 g, 10 g and/or arbitrary averaged mass SAR.

Power Scaling Factor is used to allow the volume scans to be scaled by a value other than "1", this is important when the results need to be scaled to different maximum power levels. The Power Scaling Factor is applied to each

individual point of the scan. When power scaling is used in multi-band combinations the scaling factor is applied to each individual point of the first scan, the second factor is then applied to each individual point of the second scan and so on. The scans are then combined.

Simultaneous transmission SAR Exclusion

According to KDB 248227 D01, simultaneous SAR provisions in KDB 447498 D01 apply to determine simultaneous transmission SAR test exclusion for Wi-Fi MIMO. If the sum of 1-g single transmission chain SAR measurements is <1.6W/kg and/or the MIMO output power is equal or less than a single chain, then no additional SAR measurements for simultaneously at the specified maximum output power of MIMO operation.

When antennas are spatially separated to the extent that SAR distributions do not overlap and can be treated independently, SAR compliance for simultaneous transmission is determined separately for each individual antenna.

In Airplay mode, the device uses same power and power control mechanism as Wi-Fi. Airplay is not supported in hotspot mode. Airplay utilize the same 802.11 modes, modulation, MIMO, Channel Bandwidth, etc. as Wi-Fi does. Therefore Airplay usage is categorized by the Wi-Fi SAR testing contained in Section 10.

The simultaneous transmission possibilities for this device are listed as below.

RF Exposure Condition	Capable Transmit Configurations						Item			
Head Body Worn Accessory Hotspot	WWAN & 5G OFF (CELLULAR ANTENNAS OFF)	+	Wi-Fi 2.4 GHz		+	NB UNII (P _{High})	1			
		+	Wi-Fi 2.4 GHz		+	NB UNII (P _{Mid})	2			
		+	Wi-Fi 2.4 GHz				+	802.15.4 ab NB	3	
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P _{High})			4		
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P _{Mid})			5		
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P _{High})	6		
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P _{Mid})	7		
		+	Wi-Fi 5 GHz/6E				+	802.15.4 ab NB	8	
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P _{High})		+	802.15.4 ab NB	9	
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P _{Mid})		+	802.15.4 ab NB	10	
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P _{High})	+	802.15.4 ab NB	11
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P _{Mid})	+	802.15.4 ab NB	12
	WWAN & 5G ON (CELLULAR ANTENNAS ON)	+	Wi-Fi 2.4 GHz					13		
				+	Bluetooth (P _{High})			14		
						+	NB UNII (P _{High})	15		
							+	802.15.4 (P _{High})	16	
							+	802.15.4 ab NB	17	
		+	Wi-Fi 2.4 GHz		+	NB UNII (P _{Low})		18		
		+	Wi-Fi 2.4 GHz				+	802.15.4 ab NB	19	
				+	Bluetooth (P _{High})		+	802.15.4 ab NB	20	
						+	802.15.4 (P _{High})	+	802.15.4 ab NB	21
		+	Wi-Fi 5 GHz/6E					22		
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P _{Low})			23		
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P _{Low})	24		
		+	Wi-Fi 5 GHz/6E				+	802.15.4 ab NB	25	
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P _{Low})		+	802.15.4 ab NB	26	
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P _{Low})	+	802.15.4 ab NB	27

Note(s):

- Wi-Fi 2.4GHz & Bluetooth cannot transmit simultaneously.
- Wi-Fi 2.4GHz & Wi-Fi 5GHz cannot transmit simultaneously.
- NB UNII can only transmit simultaneously with Wi-Fi 2.4GHz.
- 802.15.4ab-NB cannot transmit simultaneously with NB UNII.
- 802.15.4ab-NB cannot transmit simultaneously on ANT 5 and ANT 6.
- Only Wi-Fi 2.4GHz, Wi-Fi 5GHz, Wi-Fi 6E support MIMO transmission.
- Wi-Fi 2.4/5/6E Power State 1: 802.15.4ab-NB_{OFF} | P_{Mid} | CELL_{OFF}
- Wi-Fi 2.4/5/6E Power State 2: 802.15.4ab-NB_{ON} | P_{Mid} | CELL_{OFF}
- Wi-Fi 2.4/5/6E Power State 3: 802.15.4ab-NB_{OFF} | P_{High} | CELL_{OFF}
- Wi-Fi 2.4/5/6E Power State 4: 802.15.4ab-NB_{OFF} | P_{Low} | CELL_{ON}
- Wi-Fi 2.4/5/6E Power State 5: 802.15.4ab-NB_{ON} | P_{High} | CELL_{OFF}
- Wi-Fi 2.4/5/6E Power State 6: 802.15.4ab-NB_{ON} | P_{Low} | CELL_{ON}
- Bluetooth/NB UNII/802.15.4: P_{Low} is used when both Wi-Fi and WWAN antennas are active.
- Bluetooth/NB UNII/802.15.4: P_{Mid} is used when Wi-Fi antenna is active and WWAN antenna is inactive. P_{Mid} power state occurs during Wi-Fi states 1/2.
- Bluetooth/NB UNII/802.15.4: P_{High} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active. P_{High} power state occurs during Wi-Fi states 3/5.
- Bluetooth/NB UNII/802.15.4: P_{standalone} is used when Wi-Fi and WWAN antennas are inactive.
- Wi-Fi SISO mode SAR result can also represent for MIMO mode SAR and is used for MIMO mode simultaneous transmission analysis because antennas are not overlapping, and the MIMO mode maximum power is equal or less than SISO mode.
- 5G NR only supported NSA mode.
- For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In Part 1 Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.

12.1. WWAN Cell-off & Wi-Fi 2.4G Power State 1 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				Σ 1-g SAR (W/kg)			
		1	2	3	4	1+3	1+4	2+3	2+4
		Wi-Fi 2.4G Pstate 1 ANT3	Wi-Fi 2.4G Pstate 1 ANT4	NB UNII (P _{Mid}) ANT5	NB UNII (P _{Mid}) ANT6				
Head	Left Cheek	0.205	1.092	0.000	0.026	0.205	0.231	1.092	1.118
	Left Tilt	0.205	0.231	0.001	0.030	0.206	0.235	0.232	0.261
	Right Cheek	0.205	0.231	0.000	0.058	0.205	0.264	0.231	0.289
	Right Tilt	0.205	0.231	0.000	0.076	0.205	0.281	0.231	0.307
Body-worn & Hotspot	Back	0.924	0.604	0.062	0.086	0.987	1.010	0.666	0.690
	Front	0.521	0.454	0.005	0.005	0.526	0.526	0.458	0.459
Hotspot	Edge Top		0.454		0.000	0.000	0.000	0.454	0.454
	Edge Right		1.132			0.000	0.000	1.132	1.132
	Edge Bottom	0.521		0.000		0.522	0.521	0.000	0.000
	Edge Left	1.099		0.040	0.026	1.139	1.126	0.040	0.026

12.2. WWAN Cell-off & Wi-Fi 5G Power State 1 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	1+3	1+4	2+3	2+4	1+5	1+6	2+5	2+6
		Wi-Fi 5G Pstate 1 ANT5	Wi-Fi 5G Pstate 1 ANT6	BT (P _{Mid}) ANT3	BT (P _{Mid}) ANT4	802.15.4 (P _{Mid}) ANT3	802.15.4 (P _{Mid}) ANT4								
Head	Left Cheek	0.131	0.518	0.022	0.089	0.000	0.090	0.153	0.219	0.540	0.607	0.131	0.221	0.518	0.608
	Left Tilt	0.131	0.518	0.009	0.025	0.000	0.047	0.140	0.156	0.527	0.543	0.131	0.178	0.518	0.565
	Right Cheek	0.131	0.776	0.012	0.025	0.000	0.022	0.142	0.156	0.788	0.802	0.131	0.152	0.776	0.798
	Right Tilt	0.131	0.518	0.014	0.007	0.000	0.019	0.145	0.138	0.532	0.525	0.131	0.150	0.518	0.537
Body-worn & Hotspot	Back	0.999	1.107	0.083	0.073	0.000	0.037	1.082	1.072	1.190	1.180	0.999	1.036	1.107	1.144
	Front	0.242	0.252	0.062	0.038	0.004	0.024	0.304	0.280	0.315	0.291	0.246	0.266	0.257	0.277
Hotspot	Edge Top		0.252		0.006		0.004	0.000	0.006	0.252	0.258	0.000	0.004	0.252	0.257
	Edge Right				0.078		0.017	0.000	0.078	0.000	0.078	0.000	0.017	0.000	0.017
	Edge Bottom	0.242		0.010		0.000		0.252	0.242	0.010	0.000	0.242	0.242	0.000	0.000
	Edge Left	0.610	0.542	0.089		0.000		0.699	0.610	0.631	0.542	0.610	0.610	0.542	0.542

12.3. WWAN Cell-off & Wi-Fi 2.4G Power State 2 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				Σ 1-g SAR (W/kg)			
		1	2	3	4	1+3	1+4	2+3	2+4
		Wi-Fi 2.4G Pstate 2 ANT3	Wi-Fi 2.4G Pstate 2 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.194	0.901	0.000	0.000	0.194	0.194	0.901	0.901
	Left Tilt	0.194	0.263	0.000	0.002	0.194	0.196	0.263	0.265
	Right Cheek	0.194	0.263	0.008	0.020	0.201	0.213	0.271	0.283
	Right Tilt	0.194	0.263	0.004	0.017	0.198	0.211	0.267	0.280
Body-worn & Hotspot	Back	0.824	0.538	0.022	0.034	0.846	0.858	0.561	0.573
	Front	0.465	0.404	0.000	0.015	0.465	0.480	0.405	0.420
Hotspot	Edge Top		0.404		0.006	0.000	0.006	0.404	0.411
	Edge Right		1.008			0.000	0.000	1.008	1.008
	Edge Bottom	0.465		0.002		0.467	0.465	0.002	0.000
	Edge Left	0.980		0.019	0.087	0.999	1.066	0.019	0.087

12.4. WWAN Cell-off & Wi-Fi 5G Power State 2 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
		Wi-Fi 5G Pstate 2 ANT5	Wi-Fi 5G Pstate 2 ANT6	BT (P _{Mid}) ANT3	BT (P _{Mid}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.131	0.696	0.022	0.089	0.000	0.000	0.153	0.153	0.220	0.220	0.718	0.718	0.785	0.785
	Left Tilt	0.016	0.696	0.009	0.025	0.000	0.002	0.025	0.028	0.042	0.044	0.705	0.707	0.721	0.724
	Right Cheek	0.016	0.745	0.012	0.025	0.008	0.020	0.036	0.048	0.049	0.061	0.764	0.776	0.778	0.790
	Right Tilt	0.016	0.696	0.014	0.007	0.004	0.017	0.035	0.048	0.028	0.040	0.714	0.727	0.707	0.720
Body-worn & Hotspot	Back	0.890	0.987	0.083	0.073	0.022	0.034	0.995	1.008	0.986	0.998	1.092	1.104	1.082	1.094
	Front	0.216	0.225	0.062	0.038	0.000	0.015	0.278	0.293	0.254	0.269	0.287	0.303	0.263	0.279
Hotspot	Edge Top		0.225		0.006		0.006	0.000	0.006	0.006	0.012	0.225	0.231	0.231	0.237
	Edge Right				0.078			0.000	0.000	0.078	0.078	0.000	0.000	0.078	0.078
	Edge Bottom	0.216		0.010		0.002		0.228	0.226	0.218	0.216	0.012	0.010	0.002	0.000
	Edge Left	0.543	0.483	0.089		0.019	0.087	0.651	0.719	0.562	0.630	0.591	0.659	0.502	0.569

12.5. WWAN Cell-off & Wi-Fi 5G Power State 2 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 2 ANT5	2 Wi-Fi 5G Pstate 2 ANT6	3 802.15.4 (P _{Mid}) ANT3	4 802.15.4 (P _{Mid}) ANT4	5 802.15.4ab NB ANT5	6 802.15.4ab NB ANT6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
Head	Left Cheek	0.131	0.696	0.000	0.090	0.000	0.000	0.131	0.131	0.221	0.221	0.696	0.696	0.786	0.786
	Left Tilt	0.016	0.696	0.000	0.047	0.000	0.002	0.016	0.019	0.063	0.066	0.696	0.698	0.743	0.745
	Right Cheek	0.016	0.745	0.000	0.022	0.008	0.020	0.024	0.036	0.045	0.057	0.753	0.765	0.774	0.786
	Right Tilt	0.016	0.696	0.000	0.019	0.004	0.017	0.021	0.034	0.040	0.052	0.700	0.713	0.719	0.732
Body-worn & Hotspot	Back	0.890	0.987	0.000	0.037	0.022	0.034	0.913	0.925	0.950	0.962	1.009	1.021	1.046	1.058
	Front	0.216	0.225	0.004	0.024	0.000	0.015	0.220	0.235	0.240	0.255	0.229	0.244	0.249	0.264
Hotspot	Edge Top		0.225		0.004		0.006	0.000	0.006	0.004	0.011	0.225	0.231	0.229	0.236
	Edge Right				0.017			0.000	0.000	0.017	0.017	0.000	0.000	0.017	0.017
	Edge Bottom	0.216		0.000		0.002		0.218	0.216	0.218	0.216	0.002	0.000	0.002	0.000
	Edge Left	0.543	0.483	0.000		0.019	0.087	0.562	0.630	0.562	0.630	0.502	0.570	0.502	0.569

12.6. WWAN Cell-off & Wi-Fi 2.4G Power State 3 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				Σ 1-g SAR (W/kg)			
		1 Wi-Fi 2.4G Pstate 3 ANT3	2 Wi-Fi 2.4G Pstate 3 ANT4	3 NB UNII (P _{High}) ANT5	4 NB UNII (P _{High}) ANT6	1+3	1+4	2+3	2+4
Head	Left Cheek	0.205	1.092	0.022	0.156	0.227	0.361	1.114	1.248
	Left Tilt	0.205	0.231	0.000	0.154	0.205	0.359	0.231	0.385
	Right Cheek	0.205	0.231	0.000	0.165	0.205	0.370	0.231	0.396
	Right Tilt	0.205	0.231	0.000	0.218	0.205	0.423	0.231	0.449
Body-worn & Hotspot	Back	0.924	0.604	0.329	0.374	1.253	1.298	0.933	0.978
	Front	0.521	0.454	0.057	0.029	0.578	0.550	0.510	0.482
Hotspot	Edge Top		0.454		0.044	0.000	0.044	0.454	0.497
	Edge Right		1.132			0.000	0.000	1.132	1.132
	Edge Bottom	0.521		0.015		0.537	0.521	0.015	0.000
	Edge Left	1.099		0.159	0.145	1.259	1.245	0.159	0.145

12.7. WWAN Cell-off & Wi-Fi 5G Power State 3 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 3 ANT5	2 Wi-Fi 5G Pstate 3 ANT6	3 BT (P _{High}) ANT3	4 BT (P _{High}) ANT4	5 802.15.4 (P _{High}) ANT3	6 802.15.4 (P _{High}) ANT4	1+3	1+4	2+3	2+4	1+5	1+6	2+5	2+6
Head	Left Cheek	0.131	0.518	0.108	0.397	0.000	0.367	0.239	0.528	0.626	0.915	0.131	0.498	0.518	0.885
	Left Tilt	0.131	0.518	0.038	0.110	0.000	0.166	0.169	0.241	0.556	0.628	0.131	0.297	0.518	0.684
	Right Cheek	0.131	0.776	0.055	0.123	0.000	0.078	0.186	0.253	0.832	0.899	0.131	0.209	0.776	0.855
	Right Tilt	0.131	0.518	0.063	0.033	0.000	0.066	0.194	0.164	0.581	0.551	0.131	0.197	0.518	0.584
Body-worn & Hotspot	Back	0.999	1.107	0.317	0.333	0.016	0.134	1.316	1.332	1.424	1.440	1.015	1.133	1.123	1.241
	Front	0.242	0.252	0.199	0.153	0.013	0.085	0.441	0.395	0.451	0.406	0.255	0.326	0.265	0.337
Hotspot	Edge Top		0.252		0.024		0.018	0.000	0.024	0.252	0.276	0.000	0.018	0.252	0.271
	Edge Right				0.375		0.061	0.000	0.375	0.000	0.375	0.000	0.061	0.000	0.061
	Edge Bottom	0.242		0.068		0.001		0.309	0.242	0.068	0.000	0.243	0.242	0.001	0.000
	Edge Left	0.610	0.542	0.337		0.012		0.946	0.610	0.879	0.542	0.621	0.610	0.554	0.542

12.8. WWAN Cell-off & Wi-Fi 5G Power State 5 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 5 ANT5	2 Wi-Fi 5G Pstate 5 ANT6	3 BT (P _{High}) ANT3	4 BT (P _{High}) ANT4	5 802.15.4ab NB ANT5	6 802.15.4ab NB ANT6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
Head	Left Cheek	0.131	0.696	0.108	0.397	0.000	0.000	0.239	0.239	0.528	0.528	0.804	0.804	1.093	1.093
	Left Tilt	0.016	0.696	0.038	0.110	0.000	0.002	0.055	0.057	0.127	0.129	0.734	0.737	0.806	0.809
	Right Cheek	0.016	0.745	0.055	0.123	0.008	0.020	0.079	0.091	0.146	0.158	0.808	0.820	0.875	0.887
	Right Tilt	0.016	0.696	0.063	0.033	0.004	0.017	0.084	0.097	0.053	0.066	0.764	0.776	0.733	0.746
Body-worn & Hotspot	Back	0.890	0.987	0.317	0.333	0.022	0.034	1.230	1.242	1.245	1.258	1.326	1.338	1.342	1.354
	Front	0.216	0.225	0.199	0.153	0.000	0.015	0.415	0.430	0.369	0.384	0.424	0.439	0.379	0.394
Hotspot	Edge Top		0.225		0.024		0.006	0.000	0.006	0.024	0.030	0.225	0.231	0.249	0.255
	Edge Right				0.375		0.061	0.000	0.000	0.375	0.375	0.000	0.000	0.375	0.375
	Edge Bottom	0.216		0.068		0.002		0.285	0.283	0.218	0.216	0.070	0.068	0.002	0.000
	Edge Left	0.543	0.483	0.337		0.019	0.087	0.899	0.967	0.562	0.630	0.838	0.906	0.502	0.569

12.9. WWAN Cell-off & Wi-Fi 5G Power State 5 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 5 ANT5	2 Wi-Fi 5G Pstate 5 ANT6	3 802.15.4 (P _{High}) ANT3	4 802.15.4 (P _{High}) ANT4	5 802.15.4ab NB ANT5	6 802.15.4ab NB ANT6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
Head	Left Cheek	0.131	0.696	0.000	0.367	0.000	0.000	0.131	0.131	0.498	0.498	0.696	0.696	1.063	1.063
	Left Tilt	0.016	0.696	0.000	0.166	0.000	0.002	0.016	0.019	0.182	0.185	0.696	0.698	0.862	0.864
	Right Cheek	0.016	0.745	0.000	0.078	0.008	0.020	0.024	0.036	0.102	0.114	0.753	0.765	0.831	0.843
	Right Tilt	0.016	0.696	0.000	0.066	0.004	0.017	0.021	0.034	0.087	0.099	0.700	0.713	0.766	0.779
Body-worn & Hotspot	Back	0.890	0.987	0.016	0.134	0.022	0.034	0.928	0.940	1.047	1.059	1.025	1.037	1.143	1.155
	Front	0.216	0.225	0.013	0.085	0.000	0.015	0.229	0.244	0.300	0.315	0.238	0.253	0.310	0.325
Hotspot	Edge Top		0.225		0.018		0.006	0.000	0.006	0.018	0.025	0.225	0.231	0.243	0.250
	Edge Right				0.061		0.061	0.000	0.000	0.061	0.061	0.000	0.000	0.061	0.061
	Edge Bottom	0.216		0.001		0.002		0.219	0.217	0.218	0.216	0.004	0.001	0.002	0.000
	Edge Left	0.543	0.483	0.012		0.019	0.087	0.574	0.642	0.562	0.630	0.513	0.581	0.502	0.569

12.10. WWAN(TNE) Cell-on & BT & NB UNII & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.076	0.108	0.397	0.022	0.156	0.000	0.367	0.184	0.472	0.097	0.231	0.076	0.443
	Left Tilt	0.047	0.038	0.110	0.000	0.154	0.000	0.166	0.086	0.158	0.048	0.202	0.048	0.214
	Right Cheek	0.169	0.055	0.123	0.000	0.165	0.000	0.078	0.224	0.291	0.169	0.334	0.169	0.247
	Right Tilt	0.050	0.063	0.033	0.000	0.218	0.000	0.066	0.114	0.083	0.051	0.268	0.051	0.116
Body-worn & Hotspot	Back	0.858	0.317	0.333	0.329	0.374	0.016	0.134	1.175	1.191	1.187	1.232	0.874	0.992
	Front	0.437	0.199	0.153	0.057	0.029	0.013	0.085	0.636	0.591	0.494	0.466	0.450	0.522
Hotspot	Edge Top			0.024		0.044		0.018	0.000	0.024	0.000	0.044	0.000	0.018
	Edge Right	0.775		0.375				0.061	0.775	1.150	0.775	0.775	0.775	0.836
	Edge Bottom	0.426	0.068		0.015			0.001	0.494	0.426	0.441	0.426	0.427	0.426
	Edge Left	0.114	0.337		0.159	0.145	0.012		0.450	0.114	0.273	0.259	0.125	0.114
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.547	0.108	0.397	0.022	0.156	0.000	0.367	0.655	0.944	0.569	0.703	0.547	0.914
	Left Tilt	0.604	0.038	0.110	0.000	0.154	0.000	0.166	0.643	0.715	0.604	0.759	0.604	0.770
	Right Cheek	0.775	0.055	0.123	0.000	0.165	0.000	0.078	0.831	0.898	0.775	0.940	0.775	0.854
	Right Tilt	0.747	0.063	0.033	0.000	0.218	0.000	0.066	0.810	0.780	0.747	0.964	0.747	0.813
Body-worn & Hotspot	Back	0.938	0.317	0.333	0.329	0.374	0.016	0.134	1.255	1.271	1.267	1.312	0.954	1.072
	Front	0.567	0.199	0.153	0.057	0.029	0.013	0.085	0.766	0.721	0.624	0.596	0.580	0.652
Hotspot	Edge Top	0.597		0.024		0.044		0.018	0.597	0.620	0.597	0.641	0.597	0.615
	Edge Right	0.041		0.375				0.061	0.041	0.417	0.041	0.041	0.041	0.102
	Edge Bottom	0.426	0.068		0.015			0.001	0.068	0.000	0.015	0.000	0.001	0.000
	Edge Left	0.749	0.337		0.159	0.145	0.012		1.085	0.749	0.908	0.894	0.760	0.749
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Body-worn & Hotspot	Back	0.550	0.317	0.333	0.329	0.374	0.016	0.134	0.867	0.883	0.879	0.924	0.566	0.684
	Front	0.341	0.199	0.153	0.057	0.029	0.013	0.085	0.540	0.495	0.398	0.370	0.354	0.426
Hotspot	Edge Top	0.060		0.024		0.044		0.018	0.060	0.084	0.060	0.104	0.060	0.079
	Edge Right	0.922		0.375				0.061	0.922	1.298	0.922	0.922	0.922	0.983
	Edge Bottom	0.426	0.068		0.015			0.001	0.068	0.000	0.015	0.000	0.001	0.000
	Edge Left	0.337	0.337		0.159	0.145	0.012		0.337	0.000	0.159	0.145	0.012	0.000

12.11. WWAN(TNE) Cell-on & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.076	0.022	0.089	0.000	0.000	0.098	0.098	0.164	0.164
	Left Tilt	0.047	0.009	0.025	0.000	0.002	0.057	0.059	0.073	0.075
	Right Cheek	0.169	0.012	0.025	0.008	0.020	0.188	0.200	0.202	0.214
	Right Tilt	0.050	0.014	0.007	0.004	0.017	0.069	0.082	0.062	0.075
Body-worn & Hotspot	Back	0.858	0.083	0.073	0.022	0.034	0.963	0.975	0.953	0.966
	Front	0.437	0.062	0.038	0.000	0.015	0.500	0.515	0.476	0.491
Hotspot	Edge Top			0.006		0.006	0.000	0.006	0.006	0.012
	Edge Right	0.775		0.078			0.775	0.775	0.853	0.853
	Edge Bottom	0.426	0.010		0.002		0.438	0.436	0.428	0.426
	Edge Left	0.114	0.089		0.019	0.087	0.222	0.289	0.133	0.200
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.547	0.022	0.089	0.000	0.000	0.569	0.569	0.636	0.636
	Left Tilt	0.604	0.009	0.025	0.000	0.002	0.613	0.616	0.630	0.632
	Right Cheek	0.775	0.012	0.025	0.008	0.020	0.794	0.806	0.808	0.820
	Right Tilt	0.747	0.014	0.007	0.004	0.017	0.765	0.778	0.758	0.771
Body-worn & Hotspot	Back	0.938	0.083	0.073	0.022	0.034	1.043	1.055	1.033	1.046
	Front	0.567	0.062	0.038	0.000	0.015	0.630	0.645	0.606	0.621
Hotspot	Edge Top	0.597		0.006		0.006	0.597	0.603	0.602	0.609
	Edge Right	0.041		0.078			0.041	0.041	0.119	0.119
	Edge Bottom		0.010		0.002		0.012	0.010	0.002	0.000
	Edge Left	0.749	0.089		0.019	0.087	0.857	0.924	0.768	0.835
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Body-worn & Hotspot	Back	0.550	0.083	0.073	0.022	0.034	0.655	0.667	0.646	0.658
	Front	0.341	0.062	0.038	0.000	0.015	0.404	0.419	0.380	0.395
Hotspot	Edge Top	0.060		0.006		0.006	0.060	0.067	0.066	0.072
	Edge Right	0.922		0.078			0.922	0.922	1.000	1.000
	Edge Bottom		0.010		0.002		0.012	0.010	0.002	0.000
	Edge Left		0.089		0.019	0.087	0.108	0.176	0.019	0.087

12.12. WWAN(TNE) Cell-on & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.076	0.000	0.367	0.000	0.000	0.076	0.076	0.076	0.076
	Left Tilt	0.047	0.000	0.166	0.000	0.002	0.048	0.050	0.048	0.050
	Right Cheek	0.169	0.000	0.078	0.008	0.020	0.177	0.189	0.177	0.189
	Right Tilt	0.050	0.000	0.066	0.004	0.017	0.055	0.068	0.055	0.068
Body-worn & Hotspot	Back	0.858	0.016	0.134	0.022	0.034	0.896	0.908	0.896	0.908
	Front	0.437	0.013	0.085	0.000	0.015	0.451	0.466	0.451	0.466
Hotspot	Edge Top			0.018		0.006	0.000	0.006	0.000	0.006
	Edge Right	0.775		0.061			0.775	0.775	0.775	0.775
	Edge Bottom	0.426	0.001		0.002		0.430	0.427	0.430	0.427
	Edge Left	0.114	0.012		0.019	0.087	0.144	0.212	0.144	0.212
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.547	0.000	0.367	0.000	0.000	0.547	0.547	0.547	0.547
	Left Tilt	0.604	0.000	0.166	0.000	0.002	0.605	0.607	0.605	0.607
	Right Cheek	0.775	0.000	0.078	0.008	0.020	0.783	0.795	0.783	0.795
	Right Tilt	0.747	0.000	0.066	0.004	0.017	0.751	0.764	0.751	0.764
Body-worn & Hotspot	Back	0.938	0.016	0.134	0.022	0.034	0.976	0.988	0.976	0.988
	Front	0.567	0.013	0.085	0.000	0.015	0.580	0.596	0.580	0.596
Hotspot	Edge Top	0.597		0.018		0.006	0.597	0.603	0.597	0.603
	Edge Right	0.041		0.061			0.041	0.041	0.041	0.041
	Edge Bottom		0.001		0.002		0.004	0.001	0.004	0.001
	Edge Left	0.749	0.012		0.019	0.087	0.779	0.847	0.779	0.847
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Body-worn & Hotspot	Back	0.550	0.016	0.134	0.022	0.034	0.588	0.600	0.588	0.600
	Front	0.341	0.013	0.085	0.000	0.015	0.354	0.369	0.354	0.369
Hotspot	Edge Top	0.060		0.018		0.006	0.060	0.067	0.060	0.067
	Edge Right	0.922		0.061			0.922	0.922	0.922	0.922
	Edge Bottom		0.001		0.002		0.004	0.001	0.004	0.001
	Edge Left		0.012		0.019	0.087	0.031	0.098	0.031	0.098

12.13. WWAN(TNE) Cell-on & Wi-Fi 2.4G Power State 4 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.076	0.080	0.398	0.000	0.026	0.156	0.182	0.473	0.499
	Left Tilt	0.047	0.080	0.398	0.001	0.030	0.129	0.157	0.446	0.475
	Right Cheek	0.169	0.080	0.398	0.000	0.058	0.249	0.307	0.567	0.625
	Right Tilt	0.050	0.080	0.398	0.000	0.076	0.131	0.206	0.448	0.524
Body-worn & Hotspot	Back	0.858	0.388	0.224	0.062	0.086	1.308	1.332	1.145	1.168
	Front	0.437	0.388	0.224	0.005	0.005	0.830	0.830	0.666	0.667
Hotspot	Edge Top			0.224		0.000	0.000	0.000	0.224	0.224
	Edge Right	0.775		0.403			0.775	0.775	1.178	1.178
	Edge Bottom	0.426	0.388		0.000		0.814	0.814	0.426	0.426
	Edge Left	0.114	0.435		0.040	0.026	0.589	0.575	0.154	0.140
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.547	0.080	0.398	0.000	0.026	0.627	0.653	0.945	0.971
	Left Tilt	0.604	0.080	0.398	0.001	0.030	0.685	0.714	1.003	1.032
	Right Cheek	0.775	0.080	0.398	0.000	0.058	0.855	0.913	1.173	1.231
	Right Tilt	0.747	0.080	0.398	0.000	0.076	0.827	0.903	1.145	1.220
Body-worn & Hotspot	Back	0.938	0.388	0.224	0.062	0.086	1.388	1.412	1.225	1.248
	Front	0.567	0.388	0.224	0.005	0.005	0.960	0.960	0.796	0.796
Hotspot	Edge Top	0.597		0.224		0.000	0.597	0.597	0.821	0.821
	Edge Right	0.041		0.403			0.041	0.041	0.444	0.444
	Edge Bottom		0.388		0.000		0.388	0.388	0.000	0.000
	Edge Left	0.749	0.435		0.040	0.026	1.224	1.210	0.789	0.775
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Body-worn & Hotspot	Back	0.550	0.388	0.224	0.062	0.086	1.000	1.024	0.837	0.860
	Front	0.341	0.388	0.224	0.005	0.005	0.734	0.734	0.570	0.570
Hotspot	Edge Top	0.060		0.224		0.000	0.060	0.061	0.285	0.285
	Edge Right	0.922		0.403			0.922	0.922	1.325	1.325
	Edge Bottom		0.388		0.000		0.388	0.388	0.000	0.000
	Edge Left		0.435		0.040	0.026	0.475	0.461	0.040	0.026

12.14. WWAN(TNE) Cell-on & Wi-Fi 5G Power State 4 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT1	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.076	0.021	0.344	0.022	0.089	0.000	0.090	0.119	0.185	0.442	0.508	0.097	0.187	0.420	0.510
	Left Tilt	0.047	0.000	0.344	0.009	0.025	0.000	0.047	0.057	0.073	0.401	0.417	0.048	0.095	0.392	0.439
	Right Cheek	0.169	0.000	0.344	0.012	0.025	0.000	0.022	0.181	0.194	0.525	0.539	0.169	0.191	0.513	0.535
Body-worn & Hotspot	Right Tilt	0.050	0.000	0.344	0.014	0.007	0.000	0.019	0.065	0.058	0.409	0.402	0.051	0.070	0.395	0.414
	Back	0.858	0.423	0.430	0.083	0.073	0.000	0.037	1.364	1.355	1.371	1.361	1.282	1.318	1.288	1.325
Hotspot	Front	0.437	0.030	0.038	0.062	0.038	0.004	0.024	0.530	0.505	0.538	0.514	0.471	0.491	0.480	0.500
	Edge Top			0.038		0.006		0.004	0.000	0.006	0.038	0.044	0.000	0.004	0.038	0.043
	Edge Right	0.775				0.078		0.017	0.775	0.853	0.775	0.853	0.775	0.792	0.775	0.792
	Edge Bottom	0.426	0.030		0.010		0.000		0.466	0.456	0.436	0.426	0.456	0.456	0.426	0.426
	Edge Left	0.114	0.165	0.251	0.089		0.000		0.368	0.279	0.453	0.364	0.279	0.279	0.364	0.364
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT2	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.547	0.021	0.344	0.022	0.089	0.000	0.090	0.590	0.657	0.913	0.980	0.568	0.658	0.891	0.981
	Left Tilt	0.604	0.000	0.344	0.009	0.025	0.000	0.047	0.613	0.630	0.958	0.974	0.605	0.651	0.949	0.996
	Right Cheek	0.775	0.000	0.344	0.012	0.025	0.000	0.022	0.787	0.801	1.131	1.145	0.775	0.797	1.120	1.141
Body-worn & Hotspot	Right Tilt	0.747	0.000	0.344	0.014	0.007	0.000	0.019	0.761	0.754	1.105	1.098	0.747	0.766	1.091	1.110
	Back	0.938	0.423	0.430	0.083	0.073	0.000	0.037	1.444	1.435	1.451	1.441	1.362	1.399	1.368	1.405
Hotspot	Front	0.567	0.030	0.038	0.062	0.038	0.004	0.024	0.659	0.635	0.668	0.644	0.601	0.621	0.610	0.630
	Edge Top	0.597		0.038		0.006		0.004	0.597	0.602	0.635	0.641	0.597	0.601	0.635	0.639
	Edge Right	0.041				0.078		0.017	0.041	0.119	0.041	0.119	0.041	0.058	0.041	0.058
	Edge Bottom		0.030		0.010		0.000		0.040	0.030	0.010	0.000	0.030	0.030	0.000	0.000
	Edge Left	0.749	0.165	0.251	0.089		0.000		1.003	0.914	1.088	0.999	0.914	0.914	0.999	0.999
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Body-worn & Hotspot	Back	0.550	0.423	0.430	0.083	0.073	0.000	0.037	1.056	1.047	1.063	1.053	0.974	1.011	0.980	1.017
	Front	0.341	0.030	0.038	0.062	0.038	0.004	0.024	0.433	0.409	0.442	0.418	0.375	0.395	0.384	0.404
Hotspot	Edge Top	0.060		0.038		0.006		0.004	0.060	0.066	0.099	0.104	0.060	0.065	0.099	0.103
	Edge Right	0.922				0.078		0.017	0.922	1.000	0.922	1.000	0.922	0.939	0.922	0.939
	Edge Bottom		0.030		0.010		0.000		0.040	0.030	0.010	0.000	0.030	0.030	0.000	0.000
	Edge Left		0.165	0.251	0.089		0.000		0.254	0.165	0.340	0.251	0.165	0.165	0.251	0.251

12.15. WWAN(TNE) Cell-on & Wi-Fi 2.4G Power State 6 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.076	0.064	0.316	0.000	0.000	0.139	0.139	0.392	0.392
	Left Tilt	0.047	0.064	0.316	0.000	0.002	0.111	0.113	0.364	0.366
	Right Cheek	0.169	0.064	0.316	0.008	0.020	0.240	0.252	0.492	0.504
	Right Tilt	0.050	0.064	0.316	0.004	0.017	0.118	0.131	0.371	0.384
Body-worn & Hotspot	Back	0.858	0.308	0.178	0.022	0.034	1.188	1.201	1.058	1.071
	Front	0.437	0.308	0.178	0.000	0.015	0.746	0.761	0.616	0.631
Hotspot	Edge Top			0.178		0.006	0.000	0.006	0.178	0.185
	Edge Right	0.775		0.320			0.775	0.775	1.095	1.095
	Edge Bottom	0.426	0.308		0.002		0.736	0.734	0.428	0.426
	Edge Left	0.114	0.345		0.019	0.087	0.478	0.546	0.133	0.200

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.547	0.064	0.316	0.000	0.000	0.611	0.611	0.863	0.863
	Left Tilt	0.604	0.064	0.316	0.000	0.002	0.668	0.670	0.920	0.923
	Right Cheek	0.775	0.064	0.316	0.008	0.020	0.846	0.858	1.099	1.111
	Right Tilt	0.747	0.064	0.316	0.004	0.017	0.815	0.828	1.067	1.080
Body-worn & Hotspot	Back	0.938	0.308	0.178	0.022	0.034	1.268	1.281	1.138	1.151
	Front	0.567	0.308	0.178	0.000	0.015	0.875	0.891	0.745	0.761
Hotspot	Edge Top	0.597		0.178		0.006	0.597	0.603	0.775	0.781
	Edge Right	0.041		0.320			0.041	0.041	0.361	0.361
	Edge Bottom		0.308		0.002		0.310	0.308	0.002	0.000
	Edge Left	0.749	0.345		0.019	0.087	1.113	1.181	0.768	0.835

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Body-worn & Hotspot	Back	0.550	0.308	0.178	0.022	0.034	0.881	0.893	0.750	0.763
	Front	0.341	0.308	0.178	0.000	0.015	0.649	0.665	0.519	0.535
Hotspot	Edge Top	0.060		0.178		0.006	0.060	0.067	0.239	0.245
	Edge Right	0.922		0.320			0.922	0.922	1.242	1.242
	Edge Bottom		0.308		0.002		0.310	0.308	0.002	0.000
	Edge Left		0.345		0.019	0.087	0.364	0.432	0.019	0.087

12.16. WWAN(TNE) Cell-on & Wi-Fi 5G Power State 6 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT1	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.076	0.040	0.274	0.022	0.089	0.000	0.000	0.137	0.137	0.371	0.371	0.204	0.204	0.438	0.438
	Left Tilt	0.047	0.000	0.274	0.009	0.025	0.000	0.002	0.057	0.059	0.330	0.332	0.073	0.075	0.346	0.349
	Right Cheek	0.169	0.000	0.274	0.012	0.025	0.008	0.020	0.188	0.200	0.462	0.474	0.202	0.214	0.475	0.487
Body-worn & Hotspot	Right Tilt	0.050	0.000	0.274	0.014	0.007	0.004	0.017	0.069	0.082	0.343	0.355	0.062	0.075	0.335	0.348
	Back	0.858	0.336	0.342	0.083	0.073	0.022	0.034	1.299	1.311	1.305	1.317	1.290	1.302	1.295	1.307
Hotspot	Front	0.437	0.024	0.030	0.062	0.038	0.000	0.015	0.524	0.539	0.530	0.546	0.499	0.515	0.506	0.522
	Edge Top			0.030		0.006		0.006	0.000	0.006	0.030	0.037	0.006	0.012	0.036	0.042
	Edge Right	0.775				0.078			0.775	0.775	0.775	0.775	0.853	0.853	0.853	0.853
	Edge Bottom	0.426	0.024		0.010			0.002	0.462	0.460	0.438	0.436	0.452	0.450	0.428	0.426
	Edge Left	0.114	0.131	0.199	0.089			0.019	0.353	0.420	0.421	0.488	0.264	0.331	0.332	0.399
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT2	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.547	0.040	0.274	0.022	0.089	0.000	0.000	0.609	0.609	0.843	0.843	0.676	0.676	0.909	0.909
	Left Tilt	0.604	0.000	0.274	0.009	0.025	0.000	0.002	0.614	0.616	0.887	0.889	0.630	0.632	0.903	0.906
	Right Cheek	0.775	0.000	0.274	0.012	0.025	0.008	0.020	0.794	0.806	1.068	1.080	0.808	0.820	1.082	1.094
Body-worn & Hotspot	Right Tilt	0.747	0.000	0.274	0.014	0.007	0.004	0.017	0.765	0.778	1.039	1.052	0.758	0.771	1.032	1.045
	Back	0.938	0.336	0.342	0.083	0.073	0.022	0.034	1.379	1.392	1.385	1.397	1.370	1.382	1.375	1.387
Hotspot	Front	0.567	0.024	0.030	0.062	0.038	0.000	0.015	0.653	0.668	0.660	0.675	0.629	0.644	0.636	0.651
	Edge Top	0.597		0.030		0.006		0.006	0.597	0.603	0.627	0.634	0.602	0.609	0.633	0.639
	Edge Right	0.041				0.078			0.041	0.041	0.041	0.041	0.119	0.119	0.119	0.119
	Edge Bottom		0.024		0.010			0.002	0.036	0.034	0.012	0.010	0.026	0.024	0.002	0.000
	Edge Left	0.749	0.131	0.199	0.089			0.019	0.988	1.055	1.056	1.124	0.899	0.966	0.967	1.034
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Body-worn & Hotspot	Back	0.550	0.336	0.342	0.083	0.073	0.022	0.034	0.991	1.004	0.997	1.009	0.982	0.994	0.987	0.999
	Front	0.341	0.024	0.030	0.062	0.038	0.000	0.015	0.427	0.442	0.434	0.449	0.403	0.418	0.410	0.425
Hotspot	Edge Top	0.060		0.030		0.006		0.006	0.060	0.067	0.091	0.097	0.066	0.072	0.097	0.103
	Edge Right	0.922				0.078			0.922	0.922	0.922	0.922	1.000	1.000	1.000	1.000
	Edge Bottom		0.024		0.010			0.002	0.036	0.034	0.012	0.010	0.026	0.024	0.002	0.000
	Edge Left		0.131	0.199	0.089			0.019	0.239	0.307	0.307	0.375	0.150	0.218	0.218	0.286

12.17. WWAN(TNE) Cell-on & Wi-Fi 5G Power State 6 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT1	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 802.15.4 (P _{low}) ANT3	5 802.15.4 (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.076	0.040	0.274	0.000	0.090	0.000	0.000	0.116	0.116	0.349	0.349	0.206	0.206	0.439	0.439
	Left Tilt	0.047	0.000	0.274	0.000	0.047	0.000	0.002	0.048	0.050	0.321	0.324	0.095	0.097	0.368	0.370
	Right Cheek	0.169	0.000	0.274	0.000	0.022	0.008	0.020	0.177	0.189	0.450	0.462	0.198	0.210	0.472	0.484
	Right Tilt	0.050	0.000	0.274	0.000	0.019	0.004	0.017	0.055	0.068	0.328	0.341	0.074	0.087	0.347	0.360
Body-worn & Hotspot	Back	0.858	0.336	0.342	0.000	0.037	0.022	0.034	1.217	1.229	1.222	1.234	1.254	1.266	1.259	1.271
	Front	0.437	0.024	0.030	0.004	0.024	0.000	0.015	0.465	0.480	0.472	0.487	0.485	0.501	0.492	0.507
Hotspot	Edge Top			0.030		0.004		0.006	0.000	0.006	0.030	0.037	0.004	0.011	0.035	0.041
	Edge Right	0.775				0.017			0.775	0.775	0.775	0.775	0.792	0.792	0.792	0.792
	Edge Bottom	0.426	0.024		0.000			0.002	0.452	0.450	0.428	0.426	0.452	0.450	0.428	0.426
	Edge Left	0.114	0.131	0.199	0.000			0.019	0.264	0.331	0.332	0.399	0.264	0.331	0.332	0.399
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT2	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 802.15.4 (P _{low}) ANT3	5 802.15.4 (P _{low}) ANT4	6 BT(P _{low}) ANT3	7 BT(P _{low}) ANT4	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.547	0.040	0.274	0.000	0.090	0.000	0.000	0.587	0.587	0.821	0.821	0.677	0.677	0.911	0.911
	Left Tilt	0.604	0.000	0.274	0.000	0.047	0.000	0.002	0.605	0.607	0.878	0.880	0.651	0.654	0.925	0.927
	Right Cheek	0.775	0.000	0.274	0.000	0.022	0.008	0.020	0.783	0.795	1.056	1.068	0.804	0.816	1.078	1.090
	Right Tilt	0.747	0.000	0.274	0.000	0.019	0.004	0.017	0.751	0.764	1.025	1.038	0.770	0.783	1.044	1.057
Body-worn & Hotspot	Back	0.938	0.336	0.342	0.000	0.037	0.022	0.034	1.297	1.309	1.302	1.314	1.334	1.346	1.339	1.351
	Front	0.567	0.024	0.030	0.004	0.024	0.000	0.015	0.595	0.610	0.602	0.617	0.615	0.630	0.622	0.637
Hotspot	Edge Top	0.597		0.030		0.004		0.006	0.597	0.603	0.627	0.634	0.601	0.608	0.632	0.638
	Edge Right	0.041				0.017			0.041	0.041	0.041	0.041	0.058	0.058	0.058	0.058
	Edge Bottom		0.024		0.000			0.002	0.026	0.024	0.002	0.000	0.026	0.024	0.002	0.000
	Edge Left	0.749	0.131	0.199	0.000			0.019	0.899	0.966	0.967	1.035	0.899	0.966	0.967	1.034
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 802.15.4 (P _{low}) ANT3	5 802.15.4 (P _{low}) ANT4	6 BT(P _{low}) ANT3	7 BT(P _{low}) ANT4	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Body-worn & Hotspot	Back	0.550	0.336	0.342	0.000	0.037	0.022	0.034	0.909	0.921	0.914	0.926	0.946	0.958	0.951	0.963
	Front	0.341	0.024	0.030	0.004	0.024	0.000	0.015	0.369	0.384	0.376	0.391	0.389	0.404	0.396	0.411
Hotspot	Edge Top	0.060		0.030		0.004		0.006	0.060	0.067	0.091	0.097	0.065	0.071	0.095	0.102
	Edge Right	0.922				0.017			0.922	0.922	0.922	0.922	0.939	0.939	0.939	0.939
	Edge Bottom		0.024		0.000			0.002	0.026	0.024	0.002	0.000	0.026	0.024	0.002	0.000
	Edge Left		0.131	0.199	0.000			0.019	0.150	0.218	0.218	0.286	0.150	0.218	0.218	0.286

12.18. WWAN(PCE) Cell-on & BT & NB UNII & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.217	0.108	0.397	0.022	0.156	0.000	0.367	0.325	0.614	0.239	0.373	0.217	0.584
	Left Tilt	0.114	0.038	0.110	0.000	0.154	0.000	0.166	0.152	0.224	0.114	0.268	0.114	0.280
	Right Cheek	0.222	0.055	0.123	0.000	0.165	0.000	0.078	0.277	0.345	0.222	0.387	0.222	0.300
	Right Tilt	0.123	0.063	0.033	0.000	0.218	0.000	0.066	0.186	0.156	0.123	0.340	0.123	0.189
Body-worn & Hotspot	Back	0.945	0.317	0.333	0.329	0.374	0.016	0.134	1.263	1.278	1.274	1.319	0.961	1.079
	Front	0.441	0.199	0.153	0.057	0.029	0.013	0.085	0.640	0.595	0.498	0.470	0.454	0.526
Hotspot	Edge Top			0.024		0.044		0.018	0.000	0.024	0.000	0.044	0.000	0.018
	Edge Right	0.926		0.375				0.061	0.926	1.301	0.926	0.926	0.926	0.986
	Edge Bottom	0.935	0.068		0.015		0.001		1.003	0.935	0.951	0.935	0.937	0.935
	Edge Left	0.402	0.337		0.159	0.145	0.012		0.739	0.402	0.561	0.547	0.414	0.402
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.742	0.108	0.397	0.022	0.156	0.000	0.367	0.850	1.139	0.764	0.898	0.742	1.109
	Left Tilt	0.721	0.038	0.110	0.000	0.154	0.000	0.166	0.760	0.832	0.721	0.876	0.721	0.887
	Right Cheek	0.937	0.055	0.123	0.000	0.165	0.000	0.078	0.992	1.059	0.937	1.102	0.937	1.015
	Right Tilt	0.752	0.063	0.033	0.000	0.218	0.000	0.066	0.816	0.785	0.752	0.970	0.752	0.818
Body-worn & Hotspot	Back	0.947	0.317	0.333	0.329	0.374	0.016	0.134	1.264	1.280	1.276	1.321	0.963	1.081
	Front	0.491	0.199	0.153	0.057	0.029	0.013	0.085	0.690	0.644	0.548	0.520	0.504	0.576
Hotspot	Edge Top	0.786		0.024		0.044		0.018	0.786	0.809	0.786	0.829	0.786	0.804
	Edge Right	0.309		0.375				0.061	0.309	0.684	0.309	0.309	0.309	0.369
	Edge Bottom		0.068		0.015		0.001		0.068	0.000	0.015	0.000	0.001	0.000
	Edge Left	0.914	0.337		0.159	0.145	0.012		1.250	0.914	1.073	1.059	0.925	0.914
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.209	0.108	0.397	0.022	0.156	0.000	0.367	0.317	0.606	0.231	0.365	0.209	0.576
	Left Tilt	0.085	0.038	0.110	0.000	0.154	0.000	0.166	0.123	0.195	0.085	0.239	0.085	0.251
	Right Cheek	0.112	0.055	0.123	0.000	0.165	0.000	0.078	0.167	0.234	0.112	0.277	0.112	0.190
	Right Tilt	0.148	0.063	0.033	0.000	0.218	0.000	0.066	0.212	0.181	0.148	0.366	0.148	0.214
Body-worn & Hotspot	Back	0.933	0.317	0.333	0.329	0.374	0.016	0.134	1.250	1.265	1.262	1.307	0.948	1.066
	Front	0.647	0.199	0.153	0.057	0.029	0.013	0.085	0.846	0.801	0.704	0.676	0.660	0.732
Hotspot	Edge Top			0.024		0.044		0.018	0.000	0.024	0.000	0.044	0.000	0.018
	Edge Right			0.375				0.061	0.000	0.375	0.000	0.000	0.000	0.061
	Edge Bottom	0.467	0.068		0.015		0.001		0.535	0.467	0.483	0.467	0.468	0.467
	Edge Left	0.918	0.337		0.159	0.145	0.012		1.255	0.918	1.077	1.063	0.930	0.918
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.940	0.108	0.397	0.022	0.156	0.000	0.367	1.049	1.337	0.962	1.096	0.940	1.308
	Left Tilt	0.603	0.038	0.110	0.000	0.154	0.000	0.166	0.641	0.713	0.603	0.757	0.603	0.769
	Right Cheek	0.408	0.055	0.123	0.000	0.165	0.000	0.078	0.464	0.531	0.409	0.574	0.409	0.487
	Right Tilt	0.304	0.063	0.033	0.000	0.218	0.000	0.066	0.367	0.337	0.304	0.521	0.304	0.370
Body-worn & Hotspot	Back	0.947	0.317	0.333	0.329	0.374	0.016	0.134	1.264	1.280	1.276	1.321	0.963	1.081
	Front	0.424	0.199	0.153	0.057	0.029	0.013	0.085	0.623	0.577	0.480	0.452	0.437	0.508
Hotspot	Edge Top	0.285		0.024		0.044		0.018	0.285	0.308	0.285	0.328	0.285	0.303
	Edge Right	0.915		0.375				0.061	0.915	1.291	0.915	0.915	0.915	0.976
	Edge Bottom		0.068		0.015		0.001		0.068	0.000	0.015	0.000	0.001	0.000
	Edge Left		0.337		0.159	0.145	0.012		0.337	0.000	0.159	0.145	0.012	0.000

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT7	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.050	0.108	0.397	0.022	0.156	0.000	0.367	0.158	0.447	0.072	0.206	0.050	0.417
	Left Tilt	0.035	0.038	0.110	0.000	0.154	0.000	0.166	0.073	0.145	0.035	0.189	0.035	0.201
	Right Cheek	0.083	0.055	0.123	0.000	0.165	0.000	0.078	0.138	0.206	0.083	0.248	0.083	0.161
	Right Tilt	0.019	0.063	0.033	0.000	0.218	0.000	0.066	0.082	0.052	0.019	0.237	0.019	0.085
Body-worn & Hotspot	Back	0.310	0.317	0.333	0.329	0.374	0.016	0.134	0.627	0.643	0.639	0.684	0.326	0.444
	Front	0.134	0.199	0.153	0.057	0.029	0.013	0.085	0.333	0.287	0.191	0.163	0.147	0.219
Hotspot	Edge Top			0.024		0.044		0.018	0.000	0.024	0.000	0.044	0.000	0.018
	Edge Right	0.547		0.375				0.061	0.547	0.922	0.547	0.547	0.547	0.608
	Edge Bottom	0.072	0.068		0.015		0.001		0.140	0.072	0.087	0.072	0.073	0.072
	Edge Left		0.337		0.159	0.145	0.012		0.337	0.000	0.159	0.145	0.012	0.000
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT8	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.278	0.108	0.397	0.022	0.156	0.000	0.367	0.386	0.675	0.299	0.433	0.278	0.645
	Left Tilt	0.223	0.038	0.110	0.000	0.154	0.000	0.166	0.261	0.333	0.223	0.377	0.223	0.389
	Right Cheek	0.892	0.055	0.123	0.000	0.165	0.000	0.078	0.947	1.014	0.892	1.057	0.892	0.970
	Right Tilt	0.296	0.063	0.033	0.000	0.218	0.000	0.066	0.359	0.329	0.296	0.513	0.296	0.362
Body-worn & Hotspot	Back	0.474	0.317	0.333	0.329	0.374	0.016	0.134	0.791	0.807	0.803	0.848	0.489	0.608
	Front	0.201	0.199	0.153	0.057	0.029	0.013	0.085	0.400	0.354	0.257	0.229	0.214	0.285
Hotspot	Edge Top	0.072		0.024		0.044		0.018	0.072	0.095	0.072	0.115	0.072	0.090
	Edge Right			0.375				0.061	0.000	0.375	0.000	0.000	0.000	0.061
	Edge Bottom		0.068		0.015		0.001		0.068	0.000	0.015	0.000	0.001	0.000
	Edge Left	0.881	0.337		0.159	0.145	0.012		1.218	0.881	1.041	1.026	0.893	0.881
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT9	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.040	0.108	0.397	0.022	0.156	0.000	0.367	0.148	0.436	0.061	0.195	0.040	0.407
	Left Tilt	0.011	0.038	0.110	0.000	0.154	0.000	0.166	0.049	0.121	0.011	0.165	0.011	0.177
	Right Cheek	0.009	0.055	0.123	0.000	0.165	0.000	0.078	0.065	0.132	0.009	0.174	0.009	0.088
	Right Tilt	0.018	0.063	0.033	0.000	0.218	0.000	0.066	0.082	0.051	0.018	0.236	0.018	0.084
Body-worn & Hotspot	Back	0.619	0.317	0.333	0.329	0.374	0.016	0.134	0.936	0.952	0.948	0.993	0.635	0.753
	Front	0.302	0.199	0.153	0.057	0.029	0.013	0.085	0.501	0.455	0.358	0.330	0.315	0.386
Hotspot	Edge Top			0.024		0.044		0.018	0.000	0.024	0.000	0.044	0.000	0.018
	Edge Right			0.375				0.061	0.000	0.375	0.000	0.000	0.000	0.061
	Edge Bottom	0.364	0.068		0.015		0.001		0.432	0.364	0.380	0.364	0.366	0.364
	Edge Left	0.482	0.337		0.159	0.145	0.012		0.818	0.482	0.641	0.627	0.493	0.482

12.19. WWAN(PCE) Cell-on & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.217	0.022	0.089	0.000	0.000	0.239	0.239	0.306	0.306
	Left Tilt	0.114	0.009	0.025	0.000	0.002	0.123	0.125	0.139	0.141
	Right Cheek	0.222	0.012	0.025	0.008	0.020	0.241	0.253	0.255	0.267
	Right Tilt	0.123	0.014	0.007	0.004	0.017	0.141	0.154	0.134	0.147
Body-worn & Hotspot	Back	0.945	0.083	0.073	0.022	0.034	1.050	1.063	1.041	1.053
	Front	0.441	0.062	0.038	0.000	0.015	0.504	0.519	0.480	0.495
Hotspot	Edge Top			0.006		0.006	0.000	0.006	0.006	0.012
	Edge Right	0.926		0.078			0.926	0.926	1.004	1.004
	Edge Bottom	0.935	0.010		0.002		0.948	0.946	0.938	0.935
	Edge Left	0.402	0.089		0.019	0.087	0.510	0.578	0.421	0.488
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.742	0.022	0.089	0.000	0.000	0.764	0.764	0.831	0.831
	Left Tilt	0.721	0.009	0.025	0.000	0.002	0.730	0.733	0.747	0.749
	Right Cheek	0.937	0.012	0.025	0.008	0.020	0.956	0.968	0.970	0.982
	Right Tilt	0.752	0.014	0.007	0.004	0.017	0.771	0.784	0.764	0.777
Body-worn & Hotspot	Back	0.947	0.083	0.073	0.022	0.034	1.052	1.064	1.043	1.055
	Front	0.491	0.062	0.038	0.000	0.015	0.553	0.569	0.529	0.545
Hotspot	Edge Top	0.786		0.006		0.006	0.786	0.792	0.791	0.798
	Edge Right	0.309		0.078			0.309	0.309	0.386	0.386
	Edge Bottom		0.010		0.002		0.012	0.010	0.002	0.000
	Edge Left	0.914	0.089		0.019	0.087	1.022	1.089	0.933	1.000
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.209	0.022	0.089	0.000	0.000	0.231	0.231	0.298	0.298
	Left Tilt	0.085	0.009	0.025	0.000	0.002	0.094	0.096	0.110	0.113
	Right Cheek	0.112	0.012	0.025	0.008	0.020	0.131	0.143	0.145	0.157
	Right Tilt	0.148	0.014	0.007	0.004	0.017	0.167	0.180	0.160	0.172
Body-worn & Hotspot	Back	0.933	0.083	0.073	0.022	0.034	1.038	1.050	1.028	1.040
	Front	0.647	0.062	0.038	0.000	0.015	0.710	0.725	0.686	0.701
Hotspot	Edge Top			0.006		0.006	0.000	0.006	0.006	0.012
	Edge Right			0.078			0.000	0.000	0.078	0.078
	Edge Bottom	0.467	0.010		0.002		0.480	0.477	0.469	0.467
	Edge Left	0.918	0.089		0.019	0.087	1.026	1.094	0.937	1.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.940	0.022	0.089	0.000	0.000	0.962	0.962	1.029	1.029
	Left Tilt	0.603	0.009	0.025	0.000	0.002	0.612	0.614	0.628	0.631
	Right Cheek	0.408	0.012	0.025	0.008	0.020	0.428	0.440	0.441	0.453
	Right Tilt	0.304	0.014	0.007	0.004	0.017	0.322	0.335	0.315	0.328
Body-worn & Hotspot	Back	0.947	0.083	0.073	0.022	0.034	1.052	1.064	1.042	1.055
	Front	0.424	0.062	0.038	0.000	0.015	0.486	0.501	0.462	0.477
Hotspot	Edge Top	0.285		0.006		0.006	0.285	0.291	0.290	0.297
	Edge Right	0.915		0.078			0.915	0.915	0.993	0.993
	Edge Bottom		0.010		0.002		0.012	0.010	0.002	0.000
	Edge Left		0.089		0.019	0.087	0.108	0.176	0.019	0.087

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.050	0.022	0.089	0.000	0.000	0.072	0.072	0.139	0.139
	Left Tilt	0.035	0.009	0.025	0.000	0.002	0.044	0.046	0.060	0.063
	Right Cheek	0.083	0.012	0.025	0.008	0.020	0.102	0.114	0.116	0.128
	Right Tilt	0.019	0.014	0.007	0.004	0.017	0.038	0.050	0.030	0.043
Body-worn & Hotspot	Back	0.310	0.083	0.073	0.022	0.034	0.415	0.427	0.405	0.418
	Front	0.134	0.062	0.038	0.000	0.015	0.197	0.212	0.172	0.188
Hotspot	Edge Top			0.006		0.006	0.000	0.006	0.006	0.012
	Edge Right	0.547		0.078			0.547	0.547	0.625	0.625
	Edge Bottom	0.072	0.010		0.002		0.084	0.082	0.074	0.072
	Edge Left		0.089		0.019	0.087	0.108	0.176	0.019	0.087
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.278	0.022	0.089	0.000	0.000	0.300	0.300	0.366	0.366
	Left Tilt	0.223	0.009	0.025	0.000	0.002	0.232	0.234	0.248	0.250
	Right Cheek	0.892	0.012	0.025	0.008	0.020	0.911	0.923	0.925	0.937
	Right Tilt	0.296	0.014	0.007	0.004	0.017	0.314	0.327	0.307	0.320
Body-worn & Hotspot	Back	0.474	0.083	0.073	0.022	0.034	0.579	0.591	0.569	0.581
	Front	0.201	0.062	0.038	0.000	0.015	0.263	0.278	0.239	0.254
Hotspot	Edge Top	0.072		0.006		0.006	0.072	0.078	0.077	0.084
	Edge Right			0.078			0.000	0.000	0.078	0.078
	Edge Bottom		0.010		0.002		0.012	0.010	0.002	0.000
	Edge Left	0.881	0.089		0.019	0.087	0.989	1.057	0.900	0.968
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.040	0.022	0.089	0.000	0.000	0.062	0.062	0.128	0.128
	Left Tilt	0.011	0.009	0.025	0.000	0.002	0.020	0.022	0.036	0.038
	Right Cheek	0.009	0.012	0.025	0.008	0.020	0.028	0.040	0.042	0.054
	Right Tilt	0.018	0.014	0.007	0.004	0.017	0.037	0.050	0.030	0.042
Body-worn & Hotspot	Back	0.619	0.083	0.073	0.022	0.034	0.724	0.736	0.715	0.727
	Front	0.302	0.062	0.038	0.000	0.015	0.364	0.379	0.340	0.355
Hotspot	Edge Top			0.006		0.006	0.000	0.006	0.006	0.012
	Edge Right			0.078			0.000	0.000	0.078	0.078
	Edge Bottom	0.364	0.010		0.002		0.377	0.374	0.367	0.364
	Edge Left	0.482	0.089		0.019	0.087	0.590	0.657	0.501	0.568

12.20. WWAN(PCE) Cell-on & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.217	0.000	0.367	0.000	0.000	0.217	0.217	0.217	0.217
	Left Tilt	0.114	0.000	0.166	0.000	0.002	0.114	0.116	0.114	0.116
	Right Cheek	0.222	0.000	0.078	0.008	0.020	0.230	0.242	0.230	0.242
	Right Tilt	0.123	0.000	0.066	0.004	0.017	0.127	0.140	0.127	0.140
Body-worn & Hotspot	Back	0.945	0.016	0.134	0.022	0.034	0.983	0.995	0.983	0.995
	Front	0.441	0.013	0.085	0.000	0.015	0.454	0.469	0.454	0.469
Hotspot	Edge Top			0.018		0.006	0.000	0.006	0.000	0.006
	Edge Right	0.926		0.061			0.926	0.926	0.926	0.926
	Edge Bottom	0.935	0.001		0.002		0.939	0.937	0.939	0.937
	Edge Left	0.402	0.012		0.019	0.087	0.432	0.500	0.432	0.500
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.742	0.000	0.367	0.000	0.000	0.742	0.742	0.742	0.742
	Left Tilt	0.721	0.000	0.166	0.000	0.002	0.722	0.724	0.722	0.724
	Right Cheek	0.937	0.000	0.078	0.008	0.020	0.944	0.956	0.944	0.956
	Right Tilt	0.752	0.000	0.066	0.004	0.017	0.757	0.770	0.757	0.770
Body-worn & Hotspot	Back	0.947	0.016	0.134	0.022	0.034	0.985	0.997	0.985	0.997
	Front	0.491	0.013	0.085	0.000	0.015	0.504	0.519	0.504	0.519
Hotspot	Edge Top	0.786		0.018		0.006	0.786	0.792	0.786	0.792
	Edge Right	0.309		0.061			0.309	0.309	0.309	0.309
	Edge Bottom		0.001		0.002		0.004	0.001	0.004	0.001
	Edge Left	0.914	0.012		0.019	0.087	0.944	1.012	0.944	1.012
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.209	0.000	0.367	0.000	0.000	0.209	0.209	0.209	0.209
	Left Tilt	0.085	0.000	0.166	0.000	0.002	0.085	0.088	0.085	0.088
	Right Cheek	0.112	0.000	0.078	0.008	0.020	0.119	0.131	0.119	0.131
	Right Tilt	0.148	0.000	0.066	0.004	0.017	0.153	0.165	0.153	0.165
Body-worn & Hotspot	Back	0.933	0.016	0.134	0.022	0.034	0.970	0.983	0.970	0.983
	Front	0.647	0.013	0.085	0.000	0.015	0.660	0.675	0.660	0.675
Hotspot	Edge Top			0.018		0.006	0.000	0.006	0.000	0.006
	Edge Right			0.061			0.000	0.000	0.000	0.000
	Edge Bottom	0.467	0.001		0.002		0.471	0.468	0.471	0.468
	Edge Left	0.918	0.012		0.019	0.087	0.948	1.016	0.948	1.016
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.940	0.000	0.367	0.000	0.000	0.941	0.941	0.941	0.941
	Left Tilt	0.603	0.000	0.166	0.000	0.002	0.603	0.605	0.603	0.605
	Right Cheek	0.408	0.000	0.078	0.008	0.020	0.416	0.428	0.416	0.428
	Right Tilt	0.304	0.000	0.066	0.004	0.017	0.308	0.321	0.308	0.321
Body-worn & Hotspot	Back	0.947	0.016	0.134	0.022	0.034	0.985	0.997	0.985	0.997
	Front	0.424	0.013	0.085	0.000	0.015	0.437	0.452	0.437	0.452
Hotspot	Edge Top	0.285		0.018		0.006	0.285	0.291	0.285	0.291
	Edge Right	0.915		0.061			0.915	0.915	0.915	0.915
	Edge Bottom		0.001		0.002		0.004	0.001	0.004	0.001
	Edge Left		0.012		0.019	0.087	0.031	0.098	0.031	0.098

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.050	0.000	0.367	0.000	0.000	0.050	0.050	0.050	0.050
	Left Tilt	0.035	0.000	0.166	0.000	0.002	0.035	0.038	0.035	0.038
	Right Cheek	0.083	0.000	0.078	0.008	0.020	0.091	0.103	0.091	0.103
	Right Tilt	0.019	0.000	0.066	0.004	0.017	0.024	0.036	0.024	0.036
Body-worn & Hotspot	Back	0.310	0.016	0.134	0.022	0.034	0.348	0.360	0.348	0.360
	Front	0.134	0.013	0.085	0.000	0.015	0.147	0.162	0.147	0.162
Hotspot	Edge Top			0.018		0.006	0.000	0.006	0.000	0.006
	Edge Right	0.547		0.061			0.547	0.547	0.547	0.547
	Edge Bottom	0.072	0.001		0.002		0.076	0.073	0.076	0.073
	Edge Left		0.012		0.019	0.087	0.031	0.098	0.031	0.098
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.278	0.000	0.367	0.000	0.000	0.278	0.278	0.278	0.278
	Left Tilt	0.223	0.000	0.166	0.000	0.002	0.223	0.225	0.223	0.225
	Right Cheek	0.892	0.000	0.078	0.008	0.020	0.900	0.912	0.900	0.912
	Right Tilt	0.296	0.000	0.066	0.004	0.017	0.300	0.313	0.300	0.313
Body-worn & Hotspot	Back	0.474	0.016	0.134	0.022	0.034	0.512	0.524	0.512	0.524
	Front	0.201	0.013	0.085	0.000	0.015	0.214	0.229	0.214	0.229
Hotspot	Edge Top	0.072		0.018		0.006	0.072	0.078	0.072	0.078
	Edge Right			0.061			0.000	0.000	0.000	0.000
	Edge Bottom		0.001		0.002		0.004	0.001	0.004	0.001
	Edge Left	0.881	0.012		0.019	0.087	0.912	0.980	0.912	0.980
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.040	0.000	0.367	0.000	0.000	0.040	0.040	0.040	0.040
	Left Tilt	0.011	0.000	0.166	0.000	0.002	0.011	0.013	0.011	0.013
	Right Cheek	0.009	0.000	0.078	0.008	0.020	0.017	0.029	0.017	0.029
	Right Tilt	0.018	0.000	0.066	0.004	0.017	0.023	0.036	0.023	0.036
Body-worn & Hotspot	Back	0.619	0.016	0.134	0.022	0.034	0.657	0.669	0.657	0.669
	Front	0.302	0.013	0.085	0.000	0.015	0.315	0.330	0.315	0.330
Hotspot	Edge Top			0.018		0.006	0.000	0.006	0.000	0.006
	Edge Right			0.061			0.000	0.000	0.000	0.000
	Edge Bottom	0.364	0.001		0.002		0.368	0.366	0.368	0.366
	Edge Left	0.482	0.012		0.019	0.087	0.512	0.580	0.512	0.580

12.21. WWAN(PCE) Cell-on & Wi-Fi 2.4G Power State 4 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.043	0.080	0.398	0.000	0.026	0.123	0.149	0.441	0.467
	Left Tilt	0.018	0.080	0.398	0.001	0.030	0.100	0.128	0.417	0.446
	Right Cheek	0.111	0.080	0.398	0.000	0.058	0.191	0.249	0.509	0.567
	Right Tilt	0.027	0.080	0.398	0.000	0.076	0.107	0.183	0.425	0.500
Body-worn & Hotspot	Back	0.776	0.388	0.224	0.062	0.086	1.226	1.250	1.063	1.086
	Front	0.319	0.388	0.224	0.005	0.005	0.712	0.712	0.548	0.548
Hotspot	Edge Top			0.224		0.000	0.000	0.000	0.224	0.224
	Edge Right	0.899		0.403			0.899	0.899	1.302	1.302
	Edge Bottom	0.174	0.388		0.000		0.562	0.562	0.174	0.174
	Edge Left		0.435		0.040	0.026	0.475	0.461	0.040	0.026
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.742	0.080	0.398	0.000	0.026	0.822	0.848	1.140	1.166
	Left Tilt	0.721	0.080	0.398	0.001	0.030	0.802	0.831	1.120	1.149
	Right Cheek	0.937	0.080	0.398	0.000	0.058	1.017	1.075	1.334	1.393
	Right Tilt	0.752	0.080	0.398	0.000	0.076	0.832	0.908	1.150	1.226
Body-worn & Hotspot	Back	0.947	0.388	0.224	0.062	0.086	1.398	1.421	1.234	1.257
	Front	0.491	0.388	0.224	0.005	0.005	0.884	0.884	0.720	0.720
Hotspot	Edge Top	0.786		0.224		0.000	0.786	0.786	1.010	1.010
	Edge Right	0.309		0.403			0.309	0.309	0.711	0.711
	Edge Bottom		0.388		0.000		0.388	0.388	0.000	0.000
	Edge Left	0.914	0.435		0.040	0.026	1.389	1.375	0.954	0.940
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.209	0.080	0.398	0.000	0.026	0.289	0.315	0.607	0.633
	Left Tilt	0.085	0.080	0.398	0.001	0.030	0.166	0.195	0.484	0.512
	Right Cheek	0.112	0.080	0.398	0.000	0.058	0.192	0.250	0.509	0.568
	Right Tilt	0.148	0.080	0.398	0.000	0.076	0.228	0.304	0.546	0.622
Body-worn & Hotspot	Back	0.933	0.388	0.224	0.062	0.086	1.383	1.406	1.219	1.243
	Front	0.647	0.388	0.224	0.005	0.005	1.040	1.040	0.876	0.876
Hotspot	Edge Top			0.224		0.000	0.000	0.000	0.224	0.224
	Edge Right			0.403			0.000	0.000	0.403	0.403
	Edge Bottom	0.467	0.388		0.000		0.855	0.855	0.467	0.467
	Edge Left	0.918	0.435		0.040	0.026	1.393	1.379	0.958	0.944
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.940	0.080	0.398	0.000	0.026	1.020	1.046	1.338	1.364
	Left Tilt	0.603	0.080	0.398	0.001	0.030	0.684	0.713	1.002	1.030
	Right Cheek	0.408	0.080	0.398	0.000	0.058	0.489	0.547	0.806	0.865
	Right Tilt	0.304	0.080	0.398	0.000	0.076	0.384	0.460	0.702	0.777
Body-worn & Hotspot	Back	0.947	0.388	0.224	0.062	0.086	1.397	1.421	1.234	1.257
	Front	0.424	0.388	0.224	0.005	0.005	0.816	0.817	0.652	0.653
Hotspot	Edge Top	0.285		0.224		0.000	0.285	0.285	0.509	0.509
	Edge Right	0.915		0.403			0.915	0.915	1.318	1.318
	Edge Bottom		0.388		0.000		0.388	0.388	0.000	0.000
	Edge Left		0.435		0.040	0.026	0.475	0.461	0.040	0.026

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.050	0.080	0.398	0.000	0.026	0.130	0.156	0.448	0.474
	Left Tilt	0.035	0.080	0.398	0.001	0.030	0.116	0.145	0.434	0.463
	Right Cheek	0.083	0.080	0.398	0.000	0.058	0.163	0.221	0.481	0.539
	Right Tilt	0.019	0.080	0.398	0.000	0.076	0.099	0.175	0.417	0.492
Body-worn & Hotspot	Back	0.310	0.388	0.224	0.062	0.086	0.760	0.784	0.597	0.620
	Front	0.134	0.388	0.224	0.005	0.005	0.527	0.527	0.363	0.363
Hotspot	Edge Top			0.224		0.000	0.000	0.000	0.224	0.224
	Edge Right	0.547		0.403			0.547	0.547	0.950	0.950
	Edge Bottom		0.388		0.000		0.460	0.460	0.072	0.072
	Edge Left		0.435		0.040	0.026	0.475	0.461	0.040	0.026
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.278	0.080	0.398	0.000	0.026	0.358	0.384	0.676	0.702
	Left Tilt	0.223	0.080	0.398	0.001	0.030	0.304	0.332	0.621	0.650
	Right Cheek	0.892	0.080	0.398	0.000	0.058	0.972	1.030	1.290	1.348
	Right Tilt	0.296	0.080	0.398	0.000	0.076	0.376	0.452	0.694	0.769
Body-worn & Hotspot	Back	0.474	0.388	0.224	0.062	0.086	0.924	0.948	0.760	0.784
	Front	0.201	0.388	0.224	0.005	0.005	0.593	0.594	0.430	0.430
Hotspot	Edge Top	0.072		0.224		0.000	0.072	0.072	0.296	0.296
	Edge Right			0.403			0.000	0.000	0.403	0.403
	Edge Bottom		0.388		0.000		0.388	0.388	0.000	0.000
	Edge Left	0.881	0.435		0.040	0.026	1.356	1.342	0.921	0.907
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.040	0.080	0.398	0.000	0.026	0.120	0.146	0.437	0.463
	Left Tilt	0.011	0.080	0.398	0.001	0.030	0.092	0.121	0.409	0.438
	Right Cheek	0.009	0.080	0.398	0.000	0.058	0.089	0.148	0.407	0.465
	Right Tilt	0.018	0.080	0.398	0.000	0.076	0.098	0.174	0.416	0.492
Body-worn & Hotspot	Back	0.619	0.388	0.224	0.062	0.086	1.069	1.093	0.906	0.929
	Front	0.302	0.388	0.224	0.005	0.005	0.694	0.695	0.531	0.531
Hotspot	Edge Top			0.224		0.000	0.000	0.000	0.224	0.224
	Edge Right			0.403			0.000	0.000	0.403	0.403
	Edge Bottom	0.364	0.388		0.000		0.752	0.752	0.364	0.364
	Edge Left	0.482	0.435		0.040	0.026	0.957	0.943	0.522	0.508

12.22. WWAN(PCE) Cell-on & Wi-Fi 5G Power State 4 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT1	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.043	0.021	0.344	0.022	0.089	0.000	0.090	0.086	0.153	0.409	0.476	0.064	0.154	0.388	0.477
	Left Tilt	0.018	0.000	0.344	0.009	0.025	0.000	0.047	0.028	0.044	0.372	0.388	0.019	0.066	0.363	0.410
	Right Cheek	0.111	0.000	0.344	0.012	0.025	0.000	0.022	0.122	0.136	0.467	0.480	0.111	0.132	0.455	0.477
	Right Tilt	0.027	0.000	0.344	0.014	0.007	0.000	0.019	0.041	0.034	0.386	0.378	0.027	0.046	0.371	0.390
Body-worn & Hotspot	Back	0.776	0.423	0.430	0.083	0.073	0.000	0.037	1.282	1.273	1.289	1.279	1.200	1.237	1.206	1.243
	Front	0.319	0.030	0.038	0.062	0.038	0.004	0.024	0.411	0.387	0.420	0.396	0.353	0.373	0.362	0.382
Hotspot	Edge Top			0.038				0.004	0.000	0.038	0.044	0.000	0.004	0.000	0.038	0.043
	Edge Right	0.899				0.078		0.017	0.899	0.977	0.899	0.977	0.899	0.916	0.899	0.916
	Edge Bottom	0.174	0.030		0.010			0.000	0.214	0.204	0.184	0.174	0.204	0.204	0.174	0.174
	Edge Left		0.165	0.251	0.089		0.000		0.254	0.165	0.340	0.251	0.165	0.165	0.251	0.251
Head	Left Cheek	0.742	0.021	0.344	0.022	0.089	0.000	0.090	0.785	0.852	1.108	1.175	0.763	0.853	1.086	1.176
	Left Tilt	0.721	0.000	0.344	0.009	0.025	0.000	0.047	0.731	0.747	1.075	1.091	0.722	0.768	1.066	1.113
	Right Cheek	0.937	0.000	0.344	0.012	0.025	0.000	0.022	0.948	0.962	1.293	1.306	0.937	0.958	1.281	1.303
	Right Tilt	0.752	0.000	0.344	0.014	0.007	0.000	0.019	0.767	0.759	1.111	1.104	0.753	0.771	1.097	1.116
Body-worn & Hotspot	Back	0.947	0.423	0.430	0.083	0.073	0.000	0.037	1.453	1.444	1.460	1.451	1.371	1.408	1.377	1.414
	Front	0.491	0.030	0.038	0.062	0.038	0.004	0.024	0.583	0.559	0.592	0.568	0.525	0.545	0.533	0.554
Hotspot	Edge Top	0.786		0.038		0.006		0.004	0.786	0.791	0.824	0.830	0.786	0.790	0.824	0.828
	Edge Right	0.309				0.078		0.017	0.309	0.386	0.309	0.386	0.309	0.326	0.309	0.326
	Edge Bottom		0.030		0.010			0.000	0.040	0.030	0.010	0.000	0.030	0.030	0.000	0.000
	Edge Left	0.914	0.165	0.251	0.089		0.000		1.168	1.079	1.254	1.164	1.079	1.079	1.164	1.164
Head	Left Cheek	0.209	0.021	0.344	0.022	0.089	0.000	0.090	0.252	0.319	0.575	0.642	0.230	0.320	0.553	0.643
	Left Tilt	0.085	0.000	0.344	0.009	0.025	0.000	0.047	0.094	0.110	0.438	0.455	0.085	0.132	0.429	0.476
	Right Cheek	0.112	0.000	0.344	0.012	0.025	0.000	0.022	0.123	0.137	0.467	0.481	0.112	0.133	0.456	0.477
	Right Tilt	0.148	0.000	0.344	0.014	0.007	0.000	0.019	0.162	0.155	0.507	0.499	0.148	0.167	0.493	0.511
Body-worn & Hotspot	Back	0.933	0.423	0.430	0.083	0.073	0.000	0.037	1.439	1.429	1.445	1.436	1.356	1.393	1.363	1.400
	Front	0.647	0.030	0.038	0.062	0.038	0.004	0.024	0.739	0.715	0.748	0.724	0.681	0.701	0.690	0.710
Hotspot	Edge Top			0.038		0.006		0.004	0.000	0.038	0.044	0.000	0.004	0.000	0.038	0.043
	Edge Right					0.078		0.017	0.000	0.078	0.000	0.078	0.000	0.017	0.000	0.017
	Edge Bottom	0.467	0.030		0.010			0.000	0.507	0.497	0.477	0.467	0.497	0.497	0.467	0.467
	Edge Left	0.918	0.165	0.251	0.089		0.000		1.172	1.083	1.258	1.168	1.083	1.083	1.168	1.168
Head	Left Cheek	0.940	0.021	0.344	0.022	0.089	0.000	0.090	0.983	1.050	1.307	1.373	0.962	1.052	1.285	1.375
	Left Tilt	0.603	0.000	0.344	0.009	0.025	0.000	0.047	0.612	0.628	0.956	0.972	0.603	0.650	0.947	0.994
	Right Cheek	0.408	0.000	0.344	0.012	0.025	0.000	0.022	0.420	0.434	0.764	0.778	0.409	0.430	0.753	0.774
	Right Tilt	0.304	0.000	0.344	0.014	0.007	0.000	0.019	0.318	0.311	0.662	0.655	0.304	0.323	0.648	0.667
Body-worn & Hotspot	Back	0.947	0.423	0.430	0.083	0.073	0.000	0.037	1.453	1.444	1.460	1.450	1.371	1.407	1.377	1.414
	Front	0.424	0.030	0.038	0.062	0.038	0.004	0.024	0.516	0.492	0.524	0.500	0.457	0.478	0.466	0.486
Hotspot	Edge Top	0.285		0.038		0.006		0.004	0.285	0.290	0.323	0.329	0.285	0.289	0.323	0.327
	Edge Right	0.915				0.078		0.017	0.915	0.993	0.915	0.993	0.915	0.932	0.915	0.932
	Edge Bottom	0.915	0.030		0.010			0.000	0.040	0.030	0.010	0.000	0.030	0.030	0.000	0.000
	Edge Left	0.165	0.165	0.251	0.089		0.000		0.254	0.165	0.340	0.251	0.165	0.165	0.251	0.251
Head	Left Cheek	0.050	0.021	0.344	0.022	0.089	0.000	0.090	0.093	0.160	0.416	0.483	0.071	0.161	0.394	0.484
	Left Tilt	0.035	0.000	0.344	0.009	0.025	0.000	0.047	0.044	0.060	0.388	0.405	0.035	0.082	0.379	0.426
	Right Cheek	0.083	0.000	0.344	0.012	0.025	0.000	0.022	0.095	0.108	0.439	0.453	0.083	0.105	0.427	0.449
	Right Tilt	0.019	0.000	0.344	0.014	0.007	0.000	0.019	0.033	0.026	0.378	0.370	0.019	0.038	0.363	0.382
Body-worn & Hotspot	Back	0.310	0.423	0.430	0.083	0.073	0.000	0.037	0.816	0.807	0.823	0.813	0.734	0.770	0.740	0.777
	Front	0.134	0.030	0.038	0.062	0.038	0.004	0.024	0.226	0.202	0.168	0.235	0.188	0.216	0.197	
Hotspot	Edge Top			0.038		0.006		0.004	0.000	0.038	0.044	0.000	0.004	0.000	0.038	0.043
	Edge Right	0.547				0.078		0.017	0.547	0.625	0.547	0.625	0.547	0.564	0.547	0.564
	Edge Bottom	0.072	0.030		0.010			0.000	0.112	0.102	0.082	0.072	0.102	0.102	0.072	0.072
	Edge Left	0.881	0.165	0.251	0.089		0.000		0.254	0.165	0.340	0.251	0.165	0.165	0.251	0.251
Head	Left Cheek	0.278	0.021	0.344	0.022	0.089	0.000	0.090	0.321	0.388	0.644	0.711	0.299	0.389	0.622	0.712
	Left Tilt	0.223	0.000	0.344	0.009	0.025	0.000	0.047	0.232	0.248	0.576	0.592	0.223	0.270	0.567	0.614
	Right Cheek	0.892	0.000	0.344	0.012	0.025	0.000	0.022	0.904	0.917	1.248	1.262	0.892	0.914	1.236	1.258
	Right Tilt	0.296	0.000	0.344	0.014	0.007	0.000	0.019	0.310	0.303	0.654	0.647	0.296	0.315	0.640	0.659
Body-worn & Hotspot	Back	0.474	0.423	0.430	0.083	0.073	0.000	0.037	0.980	0.970	0.987	0.977	0.897	0.934	0.904	0.941
	Front	0.201	0.030	0.038	0.062	0.038	0.004	0.024	0.293	0.269	0.302	0.277	0.235	0.255	0.243	0.263
Hotspot	Edge Top	0.072		0.038		0.006		0.004	0.072	0.077	0.110	0.116	0.072	0.076	0.110	0.114
	Edge Right					0.078		0.017	0.000	0.078	0.000	0.078	0.000	0.017	0.000	0.017
	Edge Bottom		0.030		0.010			0.000	0.040	0.030	0.010	0.000	0.030	0.030	0.000	0.000
	Edge Left	0.881	0.165	0.251	0.089		0.000		1.135	1.046	1.221	1.132	1.046	1.046	1.132	1.132
Head	Left Cheek	0.040	0.021	0.344	0.022	0.089	0.000	0.090	0.083	0.149	0.406	0.473	0.061	0.151	0.384	0.474
	Left Tilt	0.011	0.000	0.344	0.009	0.025	0.000	0.047	0.020	0.036	0.364	0.380	0.011	0.058	0.355	0.402
	Right Cheek	0.009	0.000	0.344	0.012	0.025	0.000	0.022	0.021	0.035	0.365	0.379	0.009	0.031	0.354	0.375
	Right Tilt	0.018	0.000	0.344	0.014	0.007	0.000	0.019	0.033	0.025	0.377	0.370	0.018	0.037	0.363	0.382
Body-worn & Hotspot	Back	0.619	0.423	0.430	0.083	0.073	0.000	0.037	1.125	1.116	1.132	1.122	1.043	1.080	1.049	1.086
	Front	0.302	0.030	0.038	0.062	0.038	0.004	0.024	0.394	0.370	0.403	0.378	0.356	0.344	0.364	
Hotspot	Edge Top			0.038		0.006		0.004	0.000	0.038	0.044	0.000	0.004	0.000	0.038	0.043

12.23. WWAN(PCE) Cell-on & Wi-Fi 2.4G Power State 6 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.217	0.064	0.316	0.000	0.000	0.281	0.281	0.533	0.533
	Left Tilt	0.114	0.064	0.316	0.000	0.002	0.177	0.180	0.430	0.432
	Right Cheek	0.222	0.064	0.316	0.008	0.020	0.293	0.305	0.546	0.558
	Right Tilt	0.123	0.064	0.316	0.004	0.017	0.191	0.204	0.443	0.456
Body-worn & Hotspot	Back	0.945	0.308	0.178	0.022	0.034	1.276	1.288	1.146	1.158
	Front	0.441	0.308	0.178	0.000	0.015	0.749	0.765	0.619	0.635
Hotspot	Edge Top			0.178		0.006	0.000	0.006	0.178	0.185
	Edge Right	0.926		0.320			0.926	0.926	1.246	1.246
	Edge Bottom	0.935	0.308		0.002		1.246	1.244	0.938	0.935
	Edge Left	0.402	0.345		0.019	0.087	0.766	0.834	0.421	0.488
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.742	0.064	0.316	0.000	0.000	0.806	0.806	1.058	1.058
	Left Tilt	0.721	0.064	0.316	0.000	0.002	0.785	0.787	1.037	1.040
	Right Cheek	0.937	0.064	0.316	0.008	0.020	1.008	1.020	1.260	1.272
	Right Tilt	0.752	0.064	0.316	0.004	0.017	0.820	0.833	1.073	1.085
Body-worn & Hotspot	Back	0.947	0.308	0.178	0.022	0.034	1.278	1.290	1.148	1.160
	Front	0.491	0.308	0.178	0.000	0.015	0.799	0.814	0.669	0.684
Hotspot	Edge Top	0.786		0.178		0.006	0.786	0.792	0.964	0.970
	Edge Right	0.309		0.320			0.309	0.309	0.628	0.628
	Edge Bottom		0.308		0.002		0.310	0.308	0.002	0.000
	Edge Left	0.914	0.345		0.019	0.087	1.278	1.346	0.933	1.000
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.209	0.064	0.316	0.000	0.000	0.273	0.273	0.525	0.525
	Left Tilt	0.085	0.064	0.316	0.000	0.002	0.149	0.151	0.401	0.403
	Right Cheek	0.112	0.064	0.316	0.008	0.020	0.183	0.195	0.435	0.447
	Right Tilt	0.148	0.064	0.316	0.004	0.017	0.216	0.229	0.468	0.481
Body-worn & Hotspot	Back	0.933	0.308	0.178	0.022	0.034	1.263	1.275	1.133	1.145
	Front	0.647	0.308	0.178	0.000	0.015	0.955	0.971	0.825	0.841
Hotspot	Edge Top			0.178		0.006	0.000	0.006	0.178	0.185
	Edge Right			0.320			0.000	0.000	0.320	0.320
	Edge Bottom	0.467	0.308		0.002		0.778	0.775	0.469	0.467
	Edge Left	0.918	0.345		0.019	0.087	1.282	1.350	0.937	1.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.940	0.064	0.316	0.000	0.000	1.004	1.004	1.256	1.256
	Left Tilt	0.603	0.064	0.316	0.000	0.002	0.666	0.669	0.919	0.921
	Right Cheek	0.408	0.064	0.316	0.008	0.020	0.480	0.492	0.732	0.744
	Right Tilt	0.304	0.064	0.316	0.004	0.017	0.372	0.385	0.624	0.637
Body-worn & Hotspot	Back	0.947	0.308	0.178	0.022	0.034	1.277	1.290	1.147	1.160
	Front	0.424	0.308	0.178	0.000	0.015	0.732	0.747	0.602	0.617
Hotspot	Edge Top	0.285		0.178		0.006	0.285	0.291	0.463	0.469
	Edge Right	0.915		0.320			0.915	0.915	1.235	1.235
	Edge Bottom		0.308		0.002		0.310	0.308	0.002	0.000
	Edge Left		0.345		0.019	0.087	0.364	0.432	0.019	0.087

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.050	0.064	0.316	0.000	0.000	0.114	0.114	0.366	0.366
	Left Tilt	0.035	0.064	0.316	0.000	0.002	0.099	0.101	0.351	0.353
	Right Cheek	0.083	0.064	0.316	0.008	0.020	0.154	0.166	0.407	0.419
	Right Tilt	0.019	0.064	0.316	0.004	0.017	0.087	0.100	0.339	0.352
Body-worn & Hotspot	Back	0.310	0.308	0.178	0.022	0.034	0.640	0.653	0.510	0.523
	Front	0.134	0.308	0.178	0.000	0.015	0.442	0.457	0.312	0.327
Hotspot	Edge Top			0.178		0.006	0.000	0.006	0.178	0.185
	Edge Right	0.547		0.320			0.547	0.547	0.867	0.867
	Edge Bottom	0.072	0.308		0.002		0.382	0.380	0.074	0.072
	Edge Left		0.345		0.019	0.087	0.364	0.432	0.019	0.087
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.278	0.064	0.316	0.000	0.000	0.341	0.341	0.594	0.594
	Left Tilt	0.223	0.064	0.316	0.000	0.002	0.286	0.289	0.539	0.541
	Right Cheek	0.892	0.064	0.316	0.008	0.020	0.963	0.975	1.216	1.228
	Right Tilt	0.296	0.064	0.316	0.004	0.017	0.364	0.377	0.616	0.629
Body-worn & Hotspot	Back	0.474	0.308	0.178	0.022	0.034	0.804	0.816	0.674	0.686
	Front	0.201	0.308	0.178	0.000	0.015	0.509	0.524	0.379	0.394
Hotspot	Edge Top	0.072		0.178		0.006	0.072	0.078	0.250	0.256
	Edge Right			0.320			0.000	0.000	0.320	0.320
	Edge Bottom		0.308		0.002		0.310	0.308	0.002	0.000
	Edge Left	0.881	0.345		0.019	0.087	1.245	1.313	0.900	0.968
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.040	0.064	0.316	0.000	0.000	0.103	0.103	0.356	0.356
	Left Tilt	0.011	0.064	0.316	0.000	0.002	0.074	0.077	0.327	0.329
	Right Cheek	0.009	0.064	0.316	0.008	0.020	0.080	0.092	0.333	0.345
	Right Tilt	0.018	0.064	0.316	0.004	0.017	0.086	0.099	0.339	0.351
Body-worn & Hotspot	Back	0.619	0.308	0.178	0.022	0.034	0.950	0.962	0.820	0.832
	Front	0.302	0.308	0.178	0.000	0.015	0.610	0.625	0.480	0.495
Hotspot	Edge Top			0.178		0.006	0.000	0.006	0.178	0.185
	Edge Right			0.320			0.000	0.000	0.320	0.320
	Edge Bottom	0.364	0.308		0.002		0.675	0.672	0.367	0.364
	Edge Left	0.482	0.345		0.019	0.087	0.846	0.914	0.501	0.568

12.24. WWAN(PCE) Cell-on & Wi-Fi 5G Power State 6 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT1	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.217	0.040	0.274	0.022	0.089	0.000	0.000	0.279	0.279	0.513	0.513	0.346	0.346	0.579	0.579
	Left Tilt	0.114	0.000	0.274	0.009	0.025	0.000	0.002	0.123	0.125	0.396	0.399	0.139	0.142	0.413	0.415
	Right Cheek	0.222	0.000	0.274	0.012	0.025	0.008	0.020	0.241	0.253	0.515	0.527	0.255	0.267	0.528	0.541
	Right Tilt	0.123	0.000	0.274	0.014	0.007	0.004	0.017	0.142	0.154	0.415	0.428	0.134	0.147	0.408	0.421
Body-worn & Hotspot	Back	0.945	0.336	0.342	0.083	0.073	0.022	0.034	1.387	1.399	1.392	1.404	1.377	1.389	1.383	1.395
	Front	0.441	0.024	0.030	0.062	0.038	0.000	0.015	0.527	0.542	0.534	0.549	0.503	0.518	0.510	0.525
Hotspot	Edge Top			0.030			0.006		0.000	0.006	0.030	0.037		0.012	0.036	0.042
	Edge Right	0.926					0.078		0.926	0.926	0.926	0.926	1.004	1.004	1.004	1.004
	Edge Bottom	0.935	0.024			0.010		0.002	0.971	0.969	0.948	0.946	0.961	0.959	0.938	0.935
	Edge Left	0.402	0.131	0.199	0.089			0.019	0.641	0.709	0.709	0.777	0.552	0.619	0.620	0.688
Head	Left Cheek	0.742	0.040	0.274	0.022	0.089	0.000	0.000	0.804	0.804	1.038	1.038	0.871	0.871	1.104	1.104
	Left Tilt	0.721	0.000	0.274	0.009	0.025	0.000	0.002	0.731	0.733	1.004	1.006	0.747	0.749	1.020	1.023
	Right Cheek	0.937	0.000	0.274	0.012	0.025	0.008	0.020	0.956	0.968	1.229	1.241	0.970	0.982	1.243	1.255
	Right Tilt	0.752	0.000	0.274	0.014	0.007	0.004	0.017	0.771	0.784	1.044	1.057	0.764	0.777	1.037	1.050
Body-worn & Hotspot	Back	0.947	0.336	0.342	0.083	0.073	0.022	0.034	1.389	1.401	1.394	1.406	1.379	1.391	1.384	1.396
	Front	0.491	0.024	0.030	0.062	0.038	0.000	0.015	0.577	0.592	0.584	0.599	0.553	0.568	0.560	0.575
Hotspot	Edge Top	0.786		0.030			0.006		0.786	0.792	0.816	0.822	0.791	0.798	0.822	0.828
	Edge Right	0.309					0.078		0.309	0.309	0.309	0.309	0.386	0.386	0.386	0.386
	Edge Bottom		0.024			0.010		0.002	0.036	0.034	0.012	0.010	0.026	0.024	0.002	0.000
	Edge Left	0.914	0.131	0.199	0.089			0.019	1.153	1.220	1.221	1.289	1.064	1.131	1.132	1.199
Head	Left Cheek	0.209	0.040	0.274	0.022	0.089	0.000	0.000	0.271	0.271	0.504	0.505	0.338	0.338	0.571	0.571
	Left Tilt	0.085	0.000	0.274	0.009	0.025	0.000	0.002	0.094	0.097	0.368	0.370	0.110	0.113	0.384	0.386
	Right Cheek	0.112	0.000	0.274	0.012	0.025	0.008	0.020	0.131	0.143	0.404	0.416	0.145	0.157	0.418	0.430
	Right Tilt	0.148	0.000	0.274	0.014	0.007	0.004	0.017	0.167	0.180	0.440	0.453	0.160	0.172	0.433	0.446
Body-worn & Hotspot	Back	0.933	0.336	0.342	0.083	0.073	0.022	0.034	1.374	1.386	1.379	1.391	1.364	1.377	1.370	1.382
	Front	0.647	0.024	0.030	0.062	0.038	0.000	0.015	0.733	0.748	0.740	0.755	0.709	0.724	0.716	0.731
Hotspot	Edge Top			0.030			0.006		0.000	0.006	0.030	0.037		0.012	0.036	0.042
	Edge Right						0.078		0.000	0.000	0.000	0.000	0.078	0.078	0.078	0.078
	Edge Bottom	0.467	0.024			0.010		0.002	0.503	0.501	0.480	0.477	0.493	0.491	0.469	0.467
	Edge Left	0.918	0.131	0.199	0.089			0.019	1.157	1.225	1.225	1.293	1.068	1.135	1.136	1.203
Head	Left Cheek	0.940	0.040	0.274	0.022	0.089	0.000	0.000	1.002	1.002	1.236	1.236	1.069	1.069	1.303	1.303
	Left Tilt	0.603	0.000	0.274	0.009	0.025	0.000	0.002	0.612	0.614	0.885	0.888	0.628	0.631	0.902	0.904
	Right Cheek	0.408	0.000	0.274	0.012	0.025	0.008	0.020	0.428	0.440	0.701	0.713	0.442	0.454	0.715	0.727
	Right Tilt	0.304	0.000	0.274	0.014	0.007	0.004	0.017	0.323	0.335	0.596	0.609	0.315	0.328	0.589	0.602
Body-worn & Hotspot	Back	0.947	0.336	0.342	0.083	0.073	0.022	0.034	1.388	1.400	1.394	1.406	1.379	1.391	1.384	1.396
	Front	0.424	0.024	0.030	0.062	0.038	0.000	0.015	0.510	0.525	0.517	0.532	0.486	0.501	0.492	0.508
Hotspot	Edge Top	0.285		0.030			0.006		0.285	0.291	0.315	0.321	0.290	0.297	0.321	0.327
	Edge Right	0.915					0.078		0.915	0.915	0.915	0.915	0.993	0.993	0.993	0.993
	Edge Bottom		0.024			0.010		0.002	0.036	0.034	0.012	0.010	0.026	0.024	0.002	0.000
	Edge Left	0.918	0.131	0.199	0.089			0.019	1.239	1.307	1.307	1.375	1.150	1.218	1.218	1.286
Head	Left Cheek	0.050	0.040	0.274	0.022	0.089	0.000	0.000	0.112	0.112	0.346	0.346	0.179	0.179	0.412	0.412
	Left Tilt	0.035	0.000	0.274	0.009	0.025	0.000	0.002	0.044	0.047	0.318	0.320	0.061	0.063	0.334	0.336
	Right Cheek	0.083	0.000	0.274	0.012	0.025	0.008	0.020	0.102	0.114	0.376	0.388	0.116	0.128	0.390	0.402
	Right Tilt	0.019	0.000	0.274	0.014	0.007	0.004	0.017	0.038	0.051	0.311	0.324	0.031	0.043	0.304	0.317
Body-worn & Hotspot	Back	0.310	0.336	0.342	0.083	0.073	0.022	0.034	0.751	0.763	0.757	0.769	0.742	0.754	0.747	0.759
	Front	0.134	0.024	0.030	0.062	0.038	0.000	0.015	0.220	0.235	0.227	0.242	0.196	0.211	0.203	0.218
Hotspot	Edge Top			0.030			0.006		0.000	0.006	0.030	0.037		0.012	0.036	0.042
	Edge Right	0.547					0.078		0.547	0.547	0.547	0.547	0.625	0.625	0.625	0.625
	Edge Bottom	0.072	0.024			0.010		0.002	0.108	0.106	0.084	0.082	0.098	0.096	0.074	0.072
	Edge Left	0.881	0.131	0.199	0.089			0.019	1.239	1.307	1.307	1.375	1.150	1.218	1.218	1.286
Head	Left Cheek	0.278	0.040	0.274	0.022	0.089	0.000	0.000	0.340	0.340	0.573	0.573	0.406	0.406	0.640	0.640
	Left Tilt	0.223	0.000	0.274	0.009	0.025	0.000	0.002	0.232	0.234	0.505	0.508	0.248	0.251	0.522	0.524
	Right Cheek	0.892	0.000	0.274	0.012	0.025	0.008	0.020	0.911	0.923	1.185	1.197	0.925	0.937	1.198	1.210
	Right Tilt	0.296	0.000	0.274	0.014	0.007	0.004	0.017	0.315	0.327	0.588	0.601	0.307	0.320	0.581	0.594
Body-worn & Hotspot	Back	0.474	0.336	0.342	0.083	0.073	0.022	0.034	0.915	0.927	0.920	0.932	0.905	0.918	0.911	0.923
	Front	0.201	0.024	0.030	0.062	0.038	0.000	0.015	0.287	0.302	0.294	0.309	0.263	0.278	0.270	0.285
Hotspot	Edge Top	0.072		0.030			0.006		0.072	0.078	0.102	0.108	0.077	0.084	0.108	0.114
	Edge Right						0.078		0.000	0.000	0.000	0.000	0.078	0.078	0.078	0.078
	Edge Bottom		0.024			0.010		0.002	0.036	0.034	0.012	0.010	0.026	0.024	0.002	0.000
	Edge Left	0.881	0.131	0.199	0.089			0.019	1.120	1.188	1.188	1.256	1.031	1.099	1.099	1.167
Head	Left Cheek	0.040	0.040	0.274	0.022	0.089	0.000	0.000	0.102	0.102	0.335	0.335	0.168	0.168	0.402	0.402
	Left Tilt	0.011	0.000	0.274	0.009	0.025	0.000	0.002	0.020	0.022	0.293	0.296	0.036	0.039	0.310	0.312
	Right Cheek	0.009	0.000	0.274	0.012	0.025	0.008	0.020	0.029	0.041	0.302	0.314	0.042	0.054	0.316	0.328
	Right Tilt	0.018	0.000	0.274	0.014	0.007	0.004	0.017	0.037	0.050	0.310	0.323	0.030	0.043	0.303	0.316
Body-worn & Hotspot	Back	0.619	0.336	0.342	0.083	0.073	0.022	0.034	1.060	1.073	1.066	1.078	1.051	1.063	1.056	1.068
	Front	0.302	0.024	0.030	0.062	0.038	0.000	0.015	0.388	0.403	0.395	0.410	0.364	0.379	0.371	0.386
Hotspot	Edge Top			0.030			0.006		0.000	0.006	0.030	0.037		0.012	0.036	0.042
	Edge Right						0.078		0.000	0.0						

12.25. WWAN(PCE) Cell-on & Wi-Fi 5G Power State 6 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT1	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.217	0.040	0.274	0.000	0.090	0.000	0.000	0.257	0.257	0.491	0.491	0.347	0.347	0.581	0.581
	Left Tilt	0.114	0.000	0.274	0.000	0.047	0.000	0.002	0.114	0.116	0.387	0.390	0.161	0.163	0.434	0.437
	Right Cheek	0.222	0.000	0.274	0.000	0.022	0.008	0.020	0.230	0.242	0.503	0.515	0.251	0.263	0.525	0.537
	Right Tilt	0.123	0.000	0.274	0.000	0.019	0.004	0.017	0.127	0.140	0.401	0.414	0.146	0.159	0.420	0.433
Body-worn & Hotspot	Back	0.945	0.336	0.342	0.000	0.037	0.022	0.034	1.304	1.316	1.309	1.322	1.341	1.353	1.346	1.359
	Front	0.441	0.024	0.030	0.004	0.024	0.000	0.015	0.469	0.484	0.476	0.491	0.489	0.504	0.496	0.511
Hotspot	Edge Top			0.030		0.004		0.006	0.000	0.006	0.030	0.007	0.000	0.011	0.035	0.041
	Edge Right	0.926				0.017			0.926	0.926	0.926	0.926	0.943	0.943	0.943	
	Edge Bottom	0.935	0.024		0.000		0.002		0.961	0.959	0.938	0.935	0.961	0.959	0.938	0.935
	Edge Left	0.402	0.131	0.199	0.000		0.019	0.087	0.552	0.620	0.620	0.688	0.552	0.619	0.620	0.688
Head	Left Cheek	0.742	0.040	0.274	0.000	0.090	0.000	0.000	0.782	0.782	1.016	1.016	0.872	0.872	1.106	1.106
	Left Tilt	0.721	0.000	0.274	0.000	0.047	0.000	0.002	0.722	0.724	0.995	0.997	0.768	0.771	1.042	1.044
	Right Cheek	0.937	0.000	0.274	0.000	0.022	0.008	0.020	0.945	0.957	1.218	1.230	0.966	0.978	1.239	1.251
	Right Tilt	0.752	0.000	0.274	0.000	0.019	0.004	0.017	0.757	0.770	1.030	1.043	0.776	0.789	1.049	1.062
Body-worn & Hotspot	Back	0.947	0.336	0.342	0.000	0.037	0.022	0.034	1.306	1.318	1.311	1.323	1.343	1.355	1.348	1.360
	Front	0.491	0.024	0.030	0.004	0.024	0.000	0.015	0.519	0.534	0.526	0.541	0.539	0.554	0.546	0.561
Hotspot	Edge Top	0.786		0.030		0.004		0.006	0.786	0.792	0.816	0.822	0.790	0.796	0.820	0.827
	Edge Right	0.309				0.017			0.309	0.309	0.309	0.309	0.326	0.326	0.326	
	Edge Bottom		0.024		0.000		0.002		0.026	0.024	0.002	0.000	0.026	0.024	0.002	0.000
	Edge Left	0.914	0.131	0.199	0.000		0.019	0.087	1.064	1.131	1.132	1.200	1.064	1.131	1.132	1.199
Head	Left Cheek	0.209	0.040	0.274	0.000	0.090	0.000	0.000	0.249	0.249	0.483	0.483	0.339	0.339	0.573	0.573
	Left Tilt	0.085	0.000	0.274	0.000	0.047	0.000	0.002	0.085	0.088	0.359	0.361	0.132	0.134	0.405	0.408
	Right Cheek	0.112	0.000	0.274	0.000	0.022	0.008	0.020	0.119	0.131	0.393	0.405	0.141	0.153	0.414	0.426
	Right Tilt	0.148	0.000	0.274	0.000	0.019	0.004	0.017	0.153	0.166	0.426	0.439	0.172	0.184	0.445	0.458
Body-worn & Hotspot	Back	0.933	0.336	0.342	0.000	0.037	0.022	0.034	1.291	1.303	1.296	1.309	1.328	1.340	1.333	1.346
	Front	0.647	0.024	0.030	0.004	0.024	0.000	0.015	0.675	0.690	0.682	0.697	0.695	0.710	0.702	0.717
Hotspot	Edge Top			0.030		0.004		0.006	0.000	0.006	0.030	0.007	0.000	0.011	0.035	0.041
	Edge Right					0.017			0.000	0.000	0.000	0.000	0.017	0.017	0.017	
	Edge Bottom	0.467	0.024		0.000		0.002		0.493	0.491	0.470	0.467	0.493	0.491	0.469	0.467
	Edge Left	0.918	0.131	0.199	0.000		0.019	0.087	1.068	1.136	1.136	1.204	1.068	1.135	1.136	1.203
Head	Left Cheek	0.940	0.040	0.274	0.000	0.090	0.000	0.000	0.981	0.981	1.214	1.214	1.070	1.070	1.304	1.304
	Left Tilt	0.603	0.000	0.274	0.000	0.047	0.000	0.002	0.603	0.606	0.877	0.879	0.650	0.652	0.923	0.926
	Right Cheek	0.408	0.000	0.274	0.000	0.022	0.008	0.020	0.416	0.428	0.690	0.702	0.438	0.450	0.711	0.723
	Right Tilt	0.304	0.000	0.274	0.000	0.019	0.004	0.017	0.308	0.321	0.582	0.595	0.327	0.340	0.601	0.614
Body-worn & Hotspot	Back	0.947	0.336	0.342	0.000	0.037	0.022	0.034	1.306	1.318	1.311	1.323	1.343	1.355	1.348	1.360
	Front	0.424	0.024	0.030	0.004	0.024	0.000	0.015	0.451	0.467	0.458	0.473	0.472	0.487	0.478	0.494
Hotspot	Edge Top	0.285		0.030		0.004		0.006	0.285	0.291	0.315	0.321	0.289	0.295	0.319	0.326
	Edge Right	0.915				0.017			0.915	0.915	0.915	0.915	0.932	0.932	0.932	
	Edge Bottom		0.024		0.000		0.002		0.026	0.024	0.002	0.000	0.026	0.024	0.002	0.000
	Edge Left	0.918	0.131	0.199	0.000		0.019	0.087	1.068	1.136	1.136	1.204	1.068	1.135	1.136	1.203
Head	Left Cheek	0.050	0.040	0.274	0.000	0.090	0.000	0.000	0.090	0.090	0.324	0.324	0.180	0.180	0.414	0.414
	Left Tilt	0.035	0.000	0.274	0.000	0.047	0.000	0.002	0.035	0.038	0.309	0.311	0.082	0.084	0.356	0.358
	Right Cheek	0.083	0.000	0.274	0.000	0.022	0.008	0.020	0.091	0.103	0.364	0.376	0.112	0.124	0.386	0.398
	Right Tilt	0.019	0.000	0.274	0.000	0.019	0.004	0.017	0.024	0.036	0.297	0.310	0.043	0.055	0.316	0.329
Body-worn & Hotspot	Back	0.310	0.336	0.342	0.000	0.037	0.022	0.034	0.669	0.681	0.674	0.686	0.706	0.718	0.711	0.723
	Front	0.134	0.024	0.030	0.004	0.024	0.000	0.015	0.162	0.177	0.182	0.169	0.182	0.197	0.189	0.204
Hotspot	Edge Top			0.030		0.004		0.006	0.000	0.006	0.030	0.007	0.000	0.011	0.035	0.041
	Edge Right	0.547				0.017			0.547	0.547	0.547	0.547	0.564	0.564	0.564	
	Edge Bottom	0.072	0.024		0.000		0.002		0.098	0.096	0.074	0.072	0.098	0.096	0.074	0.072
	Edge Left	0.881	0.131	0.199	0.000		0.019	0.087	1.031	1.099	1.099	1.167	1.031	1.099	1.099	1.167
Head	Left Cheek	0.278	0.040	0.274	0.000	0.090	0.000	0.000	0.318	0.318	0.551	0.551	0.408	0.408	0.641	0.641
	Left Tilt	0.223	0.000	0.274	0.000	0.047	0.000	0.002	0.223	0.225	0.496	0.499	0.270	0.272	0.543	0.546
	Right Cheek	0.892	0.000	0.274	0.000	0.022	0.008	0.020	0.900	0.912	1.173	1.185	0.921	0.933	1.195	1.207
	Right Tilt	0.296	0.000	0.274	0.000	0.019	0.004	0.017	0.300	0.313	0.574	0.587	0.319	0.332	0.593	0.606
Body-worn & Hotspot	Back	0.474	0.336	0.342	0.000	0.037	0.022	0.034	0.832	0.845	0.838	0.850	0.869	0.881	0.875	0.887
	Front	0.201	0.024	0.030	0.004	0.024	0.000	0.015	0.229	0.244	0.235	0.251	0.249	0.264	0.256	0.271
Hotspot	Edge Top	0.072		0.030		0.004		0.006	0.072	0.078	0.102	0.108	0.076	0.082	0.106	0.113
	Edge Right					0.017			0.000	0.000	0.000	0.000	0.017	0.017	0.017	
	Edge Bottom		0.024		0.000		0.002		0.026	0.024	0.002	0.000	0.026	0.024	0.002	0.000
	Edge Left	0.881	0.131	0.199	0.000		0.019	0.087	1.031	1.099	1.099	1.167	1.031	1.099	1.099	1.167
Head	Left Cheek	0.040	0.040	0.274	0.000	0.090	0.000	0.000	0.080	0.080	0.313	0.313	0.170	0.170	0.403	0.403
	Left Tilt	0.011	0.000	0.274	0.000	0.047	0.000	0.002	0.011	0.013	0.284	0.287	0.058	0.060	0.331	0.334
	Right Cheek	0.009	0.000	0.274	0.000	0.022	0.008	0.020	0.017	0.029	0.291	0.303	0.039	0.051	0.312	0.324
	Right Tilt	0.018	0.000	0.274	0.000	0.019	0.004	0.017	0.023	0.036	0.296	0.309	0.042	0.055	0.315	0.328
Body-worn & Hotspot	Back	0.619	0.336	0.342	0.000	0.037	0.022	0.034	0.978	0.990	0.983	0.995	1.015	1.027	1.020	1.032
	Front	0.302	0.024	0.030	0.004	0.024	0.000	0.015	0.330	0.345	0.336	0.352	0.350	0.365	0.357	0.372
Hotspot	Edge Top			0.030		0.004		0.006	0.000	0.006						

12.26. WWAN(CBE) Cell-on & BT & NB UNII & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.724	0.108	0.397	0.022	0.156	0.000	0.367	0.832	1.121	0.745	0.879	0.724	1.091
	Left Tilt	0.616	0.038	0.110	0.000	0.154	0.000	0.166	0.654	0.726	0.616	0.770	0.616	0.782
	Right Cheek	0.254	0.055	0.123	0.000	0.165	0.000	0.078	0.309	0.376	0.254	0.419	0.254	0.332
	Right Tilt	0.281	0.063	0.033	0.000	0.218	0.000	0.066	0.344	0.314	0.281	0.498	0.281	0.347
Body-worn & Hotspot	Back	0.647	0.317	0.333	0.329	0.374	0.016	0.134	0.964	0.980	0.976	1.021	0.662	0.781
	Front	0.208	0.199	0.153	0.057	0.029	0.013	0.085	0.407	0.361	0.264	0.236	0.221	0.292
Hotspot	Edge Top	0.125		0.024		0.044		0.018	0.125	0.149	0.125	0.169	0.125	0.143
	Edge Right	0.457		0.375				0.061	0.457	0.833	0.457	0.457	0.457	0.518
	Edge Bottom		0.068		0.015		0.001		0.068	0.000	0.015	0.000	0.001	0.000
	Edge Left		0.337		0.159	0.145	0.012		0.337	0.000	0.159	0.145	0.012	0.000

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT7	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.043	0.108	0.397	0.022	0.156	0.000	0.367	0.151	0.440	0.065	0.199	0.043	0.411
	Left Tilt	0.018	0.038	0.110	0.000	0.154	0.000	0.166	0.057	0.129	0.019	0.173	0.019	0.185
	Right Cheek	0.111	0.055	0.123	0.000	0.165	0.000	0.078	0.166	0.233	0.111	0.276	0.111	0.189
	Right Tilt	0.027	0.063	0.033	0.000	0.218	0.000	0.066	0.090	0.060	0.027	0.245	0.027	0.093
Body-worn & Hotspot	Back	0.776	0.317	0.333	0.329	0.374	0.016	0.134	1.093	1.109	1.105	1.150	0.792	0.910
	Front	0.319	0.199	0.153	0.057	0.029	0.013	0.085	0.518	0.473	0.376	0.348	0.332	0.404
Hotspot	Edge Top			0.024		0.044		0.018	0.000	0.024	0.000	0.044	0.000	0.018
	Edge Right	0.899		0.375				0.061	0.899	1.275	0.899	0.899	0.899	0.960
	Edge Bottom	0.174	0.068		0.015		0.001		0.241	0.174	0.189	0.174	0.175	0.174
	Edge Left		0.337		0.159	0.145	0.012		0.337	0.000	0.159	0.145	0.012	0.000

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT8	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.235	0.108	0.397	0.022	0.156	0.000	0.367	0.344	0.632	0.257	0.391	0.236	0.603
	Left Tilt	0.241	0.038	0.110	0.000	0.154	0.000	0.166	0.279	0.351	0.241	0.395	0.241	0.407
	Right Cheek	0.927	0.055	0.123	0.000	0.165	0.000	0.078	0.982	1.049	0.927	1.092	0.927	1.005
	Right Tilt	0.397	0.063	0.033	0.000	0.218	0.000	0.066	0.460	0.430	0.397	0.614	0.397	0.463
Body-worn & Hotspot	Back	0.746	0.317	0.333	0.329	0.374	0.016	0.134	1.063	1.079	1.075	1.120	0.761	0.880
	Front	0.389	0.199	0.153	0.057	0.029	0.013	0.085	0.588	0.542	0.445	0.418	0.402	0.473
Hotspot	Edge Top	0.266		0.024		0.044		0.018	0.266	0.290	0.266	0.310	0.266	0.284
	Edge Right			0.375				0.061	0.000	0.375	0.000	0.000	0.000	0.061
	Edge Bottom		0.068		0.015		0.001		0.068	0.000	0.015	0.000	0.001	0.000
	Edge Left	0.881	0.337		0.159	0.145	0.012		1.218	0.881	1.041	1.026	0.893	0.881

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT9	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.032	0.108	0.397	0.022	0.156	0.000	0.367	0.140	0.429	0.054	0.188	0.032	0.400
	Left Tilt	0.021	0.038	0.110	0.000	0.154	0.000	0.166	0.059	0.131	0.021	0.175	0.021	0.187
	Right Cheek	0.035	0.055	0.123	0.000	0.165	0.000	0.078	0.091	0.158	0.035	0.201	0.035	0.114
	Right Tilt	0.018	0.063	0.033	0.000	0.218	0.000	0.066	0.082	0.051	0.018	0.236	0.018	0.084
Body-worn & Hotspot	Back	0.949	0.317	0.333	0.329	0.374	0.016	0.134	1.267	1.282	1.278	1.323	0.965	1.083
	Front	0.311	0.199	0.153	0.057	0.029	0.013	0.085	0.510	0.465	0.368	0.340	0.324	0.396
Hotspot	Edge Top			0.024		0.044		0.018	0.000	0.024	0.000	0.044	0.000	0.018
	Edge Right			0.375				0.061	0.000	0.375	0.000	0.000	0.000	0.061
	Edge Bottom	0.529	0.068		0.015		0.001		0.597	0.529	0.545	0.529	0.531	0.529
	Edge Left	0.347	0.337		0.159	0.145	0.012		0.683	0.347	0.506	0.492	0.358	0.347

12.27. WWAN(CBE) Cell-on & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.724	0.022	0.089	0.000	0.000	0.746	0.746	0.812	0.812
	Left Tilt	0.616	0.009	0.025	0.000	0.002	0.625	0.627	0.641	0.644
	Right Cheek	0.254	0.012	0.025	0.008	0.020	0.273	0.285	0.287	0.299
	Right Tilt	0.281	0.014	0.007	0.004	0.017	0.299	0.312	0.292	0.305
Body-worn & Hotspot	Back	0.647	0.083	0.073	0.022	0.034	0.752	0.764	0.742	0.754
	Front	0.208	0.062	0.038	0.000	0.015	0.270	0.285	0.246	0.261
Hotspot	Edge Top	0.125		0.006		0.006	0.125	0.131	0.131	0.137
	Edge Right	0.457		0.078			0.457	0.457	0.535	0.535
	Edge Bottom		0.010		0.002		0.012	0.010	0.002	0.000
	Edge Left		0.089		0.019	0.087	0.108	0.176	0.019	0.087
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.043	0.022	0.089	0.000	0.000	0.065	0.065	0.132	0.132
	Left Tilt	0.018	0.009	0.025	0.000	0.002	0.028	0.030	0.044	0.046
	Right Cheek	0.111	0.012	0.025	0.008	0.020	0.130	0.142	0.144	0.156
	Right Tilt	0.027	0.014	0.007	0.004	0.017	0.046	0.058	0.038	0.051
Body-worn & Hotspot	Back	0.776	0.083	0.073	0.022	0.034	0.881	0.893	0.871	0.884
	Front	0.319	0.062	0.038	0.000	0.015	0.382	0.397	0.358	0.373
Hotspot	Edge Top			0.006		0.006	0.000	0.006	0.006	0.012
	Edge Right	0.899		0.078			0.899	0.899	0.977	0.977
	Edge Bottom	0.174	0.010		0.002		0.186	0.184	0.176	0.174
	Edge Left		0.089		0.019	0.087	0.108	0.176	0.019	0.087
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.235	0.022	0.089	0.000	0.000	0.257	0.257	0.324	0.324
	Left Tilt	0.241	0.009	0.025	0.000	0.002	0.250	0.252	0.266	0.268
	Right Cheek	0.927	0.012	0.025	0.008	0.020	0.946	0.958	0.960	0.972
	Right Tilt	0.397	0.014	0.007	0.004	0.017	0.415	0.428	0.408	0.421
Body-worn & Hotspot	Back	0.746	0.083	0.073	0.022	0.034	0.851	0.863	0.841	0.853
	Front	0.389	0.062	0.038	0.000	0.015	0.451	0.467	0.427	0.442
Hotspot	Edge Top	0.266		0.006		0.006	0.266	0.272	0.272	0.278
	Edge Right			0.078			0.000	0.000	0.078	0.078
	Edge Bottom		0.010		0.002		0.012	0.010	0.002	0.000
	Edge Left	0.881	0.089		0.019	0.087	0.989	1.057	0.900	0.968
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.032	0.022	0.089	0.000	0.000	0.054	0.054	0.121	0.121
	Left Tilt	0.021	0.009	0.025	0.000	0.002	0.030	0.032	0.046	0.048
	Right Cheek	0.035	0.012	0.025	0.008	0.020	0.055	0.067	0.068	0.080
	Right Tilt	0.018	0.014	0.007	0.004	0.017	0.037	0.050	0.030	0.042
Body-worn & Hotspot	Back	0.949	0.083	0.073	0.022	0.034	1.054	1.066	1.045	1.057
	Front	0.311	0.062	0.038	0.000	0.015	0.374	0.389	0.350	0.365
Hotspot	Edge Top			0.006		0.006	0.000	0.006	0.006	0.012
	Edge Right			0.078			0.000	0.000	0.078	0.078
	Edge Bottom	0.529	0.010		0.002		0.542	0.539	0.532	0.529
	Edge Left	0.347	0.089		0.019	0.087	0.455	0.522	0.366	0.433

12.28. WWAN(CBE) Cell-on & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.724	0.000	0.367	0.000	0.000	0.724	0.724	0.724	0.724
	Left Tilt	0.616	0.000	0.166	0.000	0.002	0.616	0.618	0.616	0.618
	Right Cheek	0.254	0.000	0.078	0.008	0.020	0.262	0.274	0.262	0.274
	Right Tilt	0.281	0.000	0.066	0.004	0.017	0.285	0.298	0.285	0.298
Body-worn & Hotspot	Back	0.647	0.016	0.134	0.022	0.034	0.685	0.697	0.685	0.697
	Front	0.208	0.013	0.085	0.000	0.015	0.221	0.236	0.221	0.236
Hotspot	Edge Top	0.125		0.018		0.006	0.125	0.131	0.125	0.131
	Edge Right	0.457		0.061			0.457	0.457	0.457	0.457
	Edge Bottom		0.001		0.002		0.004	0.001	0.004	0.001
	Edge Left		0.012		0.019	0.087	0.031	0.098	0.031	0.098
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.043	0.000	0.367	0.000	0.000	0.043	0.043	0.043	0.043
	Left Tilt	0.018	0.000	0.166	0.000	0.002	0.019	0.021	0.019	0.021
	Right Cheek	0.111	0.000	0.078	0.008	0.020	0.119	0.131	0.119	0.131
	Right Tilt	0.027	0.000	0.066	0.004	0.017	0.032	0.044	0.032	0.044
Body-worn & Hotspot	Back	0.776	0.016	0.134	0.022	0.034	0.814	0.826	0.814	0.826
	Front	0.319	0.013	0.085	0.000	0.015	0.332	0.347	0.332	0.347
Hotspot	Edge Top			0.018		0.006	0.000	0.006	0.000	0.006
	Edge Right	0.899		0.061			0.899	0.899	0.899	0.899
	Edge Bottom	0.174	0.001		0.002		0.177	0.175	0.177	0.175
	Edge Left		0.012		0.019	0.087	0.031	0.098	0.031	0.098
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.235	0.000	0.367	0.000	0.000	0.236	0.236	0.236	0.236
	Left Tilt	0.241	0.000	0.166	0.000	0.002	0.241	0.243	0.241	0.243
	Right Cheek	0.927	0.000	0.078	0.008	0.020	0.935	0.947	0.935	0.947
	Right Tilt	0.397	0.000	0.066	0.004	0.017	0.401	0.414	0.401	0.414
Body-worn & Hotspot	Back	0.746	0.016	0.134	0.022	0.034	0.784	0.796	0.784	0.796
	Front	0.389	0.013	0.085	0.000	0.015	0.402	0.417	0.402	0.417
Hotspot	Edge Top	0.266		0.018		0.006	0.266	0.272	0.266	0.272
	Edge Right			0.061			0.000	0.000	0.000	0.000
	Edge Bottom		0.001		0.002		0.004	0.001	0.004	0.001
	Edge Left	0.881	0.012		0.019	0.087	0.912	0.980	0.912	0.980
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.032	0.000	0.367	0.000	0.000	0.032	0.032	0.032	0.032
	Left Tilt	0.021	0.000	0.166	0.000	0.002	0.021	0.023	0.021	0.023
	Right Cheek	0.035	0.000	0.078	0.008	0.020	0.043	0.055	0.043	0.055
	Right Tilt	0.018	0.000	0.066	0.004	0.017	0.023	0.036	0.023	0.036
Body-worn & Hotspot	Back	0.949	0.016	0.134	0.022	0.034	0.987	0.999	0.987	0.999
	Front	0.311	0.013	0.085	0.000	0.015	0.324	0.339	0.324	0.339
Hotspot	Edge Top			0.018		0.006	0.000	0.006	0.000	0.006
	Edge Right			0.061			0.000	0.000	0.000	0.000
	Edge Bottom	0.529	0.001		0.002		0.533	0.531	0.533	0.531
	Edge Left	0.347	0.012		0.019	0.087	0.377	0.445	0.377	0.445

12.29. WWAN(CBE) Cell-on & Wi-Fi 2.4G Power State 4 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.724	0.080	0.398	0.000	0.026	0.804	0.830	1.122	1.148
	Left Tilt	0.616	0.080	0.398	0.001	0.030	0.697	0.726	1.015	1.043
	Right Cheek	0.254	0.080	0.398	0.000	0.058	0.334	0.392	0.652	0.710
	Right Tilt	0.281	0.080	0.398	0.000	0.076	0.361	0.436	0.679	0.754
Body-worn & Hotspot	Back	0.647	0.388	0.224	0.062	0.086	1.097	1.121	0.933	0.957
	Front	0.208	0.388	0.224	0.005	0.005	0.600	0.601	0.437	0.437
Hotspot	Edge Top	0.125		0.224		0.000	0.125	0.125	0.349	0.349
	Edge Right	0.457		0.403			0.457	0.457	0.860	0.860
	Edge Bottom		0.388		0.000		0.388	0.388	0.000	0.000
	Edge Left		0.435		0.040	0.026	0.475	0.461	0.040	0.026
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.043	0.080	0.398	0.000	0.026	0.123	0.149	0.441	0.467
	Left Tilt	0.018	0.080	0.398	0.001	0.030	0.100	0.128	0.417	0.446
	Right Cheek	0.111	0.080	0.398	0.000	0.058	0.191	0.249	0.509	0.567
	Right Tilt	0.027	0.080	0.398	0.000	0.076	0.107	0.183	0.425	0.500
Body-worn & Hotspot	Back	0.776	0.388	0.224	0.062	0.086	1.226	1.250	1.063	1.086
	Front	0.319	0.388	0.224	0.005	0.005	0.712	0.712	0.548	0.548
Hotspot	Edge Top			0.224		0.000	0.000	0.000	0.224	0.224
	Edge Right	0.899		0.403			0.899	0.899	1.302	1.302
	Edge Bottom		0.388		0.000		0.562	0.562	0.174	0.174
	Edge Left		0.435		0.040	0.026	0.475	0.461	0.040	0.026
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.235	0.080	0.398	0.000	0.026	0.316	0.341	0.633	0.659
	Left Tilt	0.241	0.080	0.398	0.001	0.030	0.322	0.350	0.639	0.668
	Right Cheek	0.927	0.080	0.398	0.000	0.058	1.007	1.065	1.325	1.383
	Right Tilt	0.397	0.080	0.398	0.000	0.076	0.477	0.552	0.795	0.870
Body-worn & Hotspot	Back	0.746	0.388	0.224	0.062	0.086	1.196	1.220	1.032	1.056
	Front	0.389	0.388	0.224	0.005	0.005	0.781	0.782	0.618	0.618
Hotspot	Edge Top	0.266		0.224		0.000	0.266	0.266	0.490	0.490
	Edge Right			0.403			0.000	0.000	0.403	0.403
	Edge Bottom		0.388		0.000		0.388	0.388	0.000	0.000
	Edge Left	0.881	0.435		0.040	0.026	1.356	1.342	0.921	0.907
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.032	0.080	0.398	0.000	0.026	0.112	0.138	0.430	0.456
	Left Tilt	0.021	0.080	0.398	0.001	0.030	0.102	0.130	0.419	0.448
	Right Cheek	0.035	0.080	0.398	0.000	0.058	0.115	0.174	0.433	0.491
	Right Tilt	0.018	0.080	0.398	0.000	0.076	0.098	0.174	0.416	0.492
Body-worn & Hotspot	Back	0.949	0.388	0.224	0.062	0.086	1.400	1.423	1.236	1.259
	Front	0.311	0.388	0.224	0.005	0.005	0.704	0.704	0.540	0.540
Hotspot	Edge Top			0.224		0.000	0.000	0.000	0.224	0.224
	Edge Right			0.403			0.000	0.000	0.403	0.403
	Edge Bottom	0.529	0.388		0.000		0.917	0.917	0.529	0.529
	Edge Left	0.347	0.435		0.040	0.026	0.822	0.808	0.387	0.373

12.30. WWAN(CBE) Cell-on & Wi-Fi 5G Power State 4 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.724	0.021	0.344	0.022	0.089	0.000	0.090	0.767	0.834	1.090	1.157	0.745	0.835	1.068	1.158
	Left Tilt	0.616	0.000	0.344	0.009	0.025	0.000	0.047	0.625	0.641	0.969	0.985	0.616	0.663	0.960	1.007
	Right Cheek	0.254	0.000	0.344	0.012	0.025	0.000	0.022	0.266	0.279	0.610	0.623	0.254	0.275	0.598	0.620
	Right Tilt	0.281	0.000	0.344	0.014	0.007	0.000	0.019	0.295	0.288	0.639	0.632	0.281	0.300	0.625	0.644
Body-worn & Hotspot	Back	0.647	0.423	0.430	0.083	0.073	0.000	0.037	1.153	1.143	1.160	1.150	1.070	1.107	1.077	1.114
	Front	0.208	0.030	0.038	0.062	0.038	0.004	0.024	0.300	0.276	0.308	0.284	0.242	0.262	0.250	0.270
Hotspot	Edge Top	0.125		0.038		0.006		0.004	0.125	0.131	0.163	0.169	0.125	0.129	0.163	0.168
	Edge Right	0.457				0.078		0.017	0.457	0.535	0.457	0.535	0.457	0.474	0.457	0.474
	Edge Bottom		0.030		0.010		0.000		0.040	0.030	0.010	0.000	0.030	0.000	0.000	0.000
	Edge Left		0.165	0.251	0.089		0.000		0.254	0.165	0.340	0.251	0.165	0.165	0.251	0.251
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT7	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.043	0.021	0.344	0.022	0.089	0.000	0.090	0.086	0.153	0.409	0.476	0.064	0.154	0.388	0.477
	Left Tilt	0.018	0.000	0.344	0.009	0.025	0.000	0.047	0.028	0.044	0.372	0.388	0.019	0.066	0.363	0.410
	Right Cheek	0.111	0.000	0.344	0.012	0.025	0.000	0.022	0.122	0.136	0.467	0.480	0.111	0.132	0.455	0.477
	Right Tilt	0.027	0.000	0.344	0.014	0.007	0.000	0.019	0.041	0.034	0.386	0.378	0.027	0.046	0.371	0.390
Body-worn & Hotspot	Back	0.776	0.423	0.430	0.083	0.073	0.000	0.037	1.282	1.273	1.289	1.279	1.200	1.237	1.206	1.243
	Front	0.319	0.030	0.038	0.062	0.038	0.004	0.024	0.411	0.387	0.420	0.396	0.353	0.373	0.362	0.382
Hotspot	Edge Top			0.038		0.006		0.004	0.411	0.387	0.420	0.396	0.353	0.373	0.362	0.382
	Edge Right	0.899				0.078		0.017	0.000	0.006	0.038	0.044	0.000	0.004	0.038	0.043
	Edge Bottom	0.174	0.030		0.010		0.000		0.899	0.977	0.899	0.977	0.899	0.916	0.899	0.916
	Edge Left		0.165	0.251	0.089		0.000		0.214	0.204	0.184	0.174	0.204	0.204	0.174	0.174
								0.254	0.165	0.340	0.251	0.165	0.165	0.251	0.251	
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT8	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.235	0.021	0.344	0.022	0.089	0.000	0.090	0.279	0.345	0.602	0.688	0.257	0.347	0.580	0.670
	Left Tilt	0.241	0.000	0.344	0.009	0.025	0.000	0.047	0.250	0.266	0.594	0.610	0.241	0.288	0.585	0.632
	Right Cheek	0.927	0.000	0.344	0.012	0.025	0.000	0.022	0.939	0.952	1.283	1.297	0.927	0.949	1.271	1.293
	Right Tilt	0.397	0.000	0.344	0.014	0.007	0.000	0.019	0.411	0.404	0.755	0.748	0.397	0.416	0.741	0.760
Body-worn & Hotspot	Back	0.746	0.423	0.430	0.083	0.073	0.000	0.037	1.252	1.243	1.259	1.249	1.169	1.206	1.176	1.213
	Front	0.389	0.030	0.038	0.062	0.038	0.004	0.024	0.481	0.457	0.490	0.465	0.423	0.443	0.431	0.451
Hotspot	Edge Top	0.266		0.038		0.006		0.004	0.266	0.272	0.304	0.310	0.266	0.270	0.304	0.309
	Edge Right					0.078		0.017	0.000	0.078	0.000	0.078	0.000	0.017	0.000	0.017
	Edge Bottom		0.030		0.010		0.000		0.040	0.030	0.010	0.000	0.030	0.000	0.000	0.000
	Edge Left	0.881	0.165	0.251	0.089		0.000		1.135	1.046	1.221	1.132	1.046	1.046	1.132	1.132
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT9	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4 (P _{low}) ANT3	7 802.15.4 (P _{low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.032	0.021	0.344	0.022	0.089	0.000	0.090	0.075	0.142	0.398	0.465	0.053	0.143	0.377	0.466
	Left Tilt	0.021	0.000	0.344	0.009	0.025	0.000	0.047	0.030	0.046	0.374	0.390	0.021	0.068	0.365	0.412
	Right Cheek	0.035	0.000	0.344	0.012	0.025	0.000	0.022	0.047	0.061	0.391	0.405	0.036	0.057	0.380	0.401
	Right Tilt	0.018	0.000	0.344	0.014	0.007	0.000	0.019	0.033	0.025	0.377	0.370	0.018	0.037	0.363	0.382
Body-worn & Hotspot	Back	0.949	0.423	0.430	0.083	0.073	0.000	0.037	1.456	1.446	1.462	1.453	1.373	1.410	1.380	1.416
	Front	0.311	0.030	0.038	0.062	0.038	0.004	0.024	0.403	0.379	0.412	0.388	0.345	0.365	0.354	0.374
Hotspot	Edge Top			0.038		0.006		0.004	0.000	0.006	0.038	0.044	0.000	0.004	0.038	0.043
	Edge Right					0.078		0.017	0.000	0.078	0.000	0.078	0.000	0.017	0.000	0.017
	Edge Bottom	0.529	0.030		0.010		0.000		0.569	0.559	0.539	0.529	0.559	0.559	0.529	0.529
	Edge Left	0.347	0.165	0.251	0.089		0.000		0.601	0.512	0.687	0.597	0.512	0.512	0.598	0.597

12.31. WWAN(CBE) Cell-on & Wi-Fi 2.4G Power State 6 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.724	0.064	0.316	0.000	0.000	0.787	0.787	1.040	1.040
	Left Tilt	0.616	0.064	0.316	0.000	0.002	0.679	0.682	0.932	0.934
	Right Cheek	0.254	0.064	0.316	0.008	0.020	0.325	0.337	0.577	0.589
	Right Tilt	0.281	0.064	0.316	0.004	0.017	0.349	0.362	0.601	0.614
Body-worn & Hotspot	Back	0.647	0.308	0.178	0.022	0.034	0.977	0.989	0.847	0.859
	Front	0.208	0.308	0.178	0.000	0.015	0.516	0.531	0.386	0.401
Hotspot	Edge Top	0.125		0.178		0.006	0.125	0.131	0.303	0.309
	Edge Right	0.457		0.320			0.457	0.457	0.777	0.777
	Edge Bottom		0.308		0.002		0.310	0.308	0.002	0.000
	Edge Left		0.345		0.019	0.087	0.364	0.432	0.019	0.087
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.043	0.064	0.316	0.000	0.000	0.107	0.107	0.359	0.359
	Left Tilt	0.018	0.064	0.316	0.000	0.002	0.082	0.084	0.335	0.337
	Right Cheek	0.111	0.064	0.316	0.008	0.020	0.182	0.194	0.434	0.446
	Right Tilt	0.027	0.064	0.316	0.004	0.017	0.095	0.108	0.347	0.360
Body-worn & Hotspot	Back	0.776	0.308	0.178	0.022	0.034	1.106	1.119	0.976	0.989
	Front	0.319	0.308	0.178	0.000	0.015	0.627	0.643	0.497	0.513
Hotspot	Edge Top			0.178		0.006	0.000	0.006	0.178	0.185
	Edge Right	0.899		0.320			0.899	0.899	1.219	1.219
	Edge Bottom	0.174	0.308		0.002		0.484	0.482	0.176	0.174
	Edge Left		0.345		0.019	0.087	0.364	0.432	0.019	0.087
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.235	0.064	0.316	0.000	0.000	0.299	0.299	0.551	0.551
	Left Tilt	0.241	0.064	0.316	0.000	0.002	0.304	0.307	0.557	0.559
	Right Cheek	0.927	0.064	0.316	0.008	0.020	0.998	1.010	1.251	1.263
	Right Tilt	0.397	0.064	0.316	0.004	0.017	0.465	0.478	0.717	0.730
Body-worn & Hotspot	Back	0.746	0.308	0.178	0.022	0.034	1.076	1.088	0.946	0.958
	Front	0.389	0.308	0.178	0.000	0.015	0.697	0.712	0.567	0.582
Hotspot	Edge Top	0.266		0.178		0.006	0.266	0.272	0.444	0.450
	Edge Right			0.320			0.000	0.000	0.320	0.320
	Edge Bottom		0.308		0.002		0.310	0.308	0.002	0.000
	Edge Left	0.881	0.345		0.019	0.087	1.245	1.313	0.900	0.968
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.032	0.064	0.316	0.000	0.000	0.096	0.096	0.348	0.348
	Left Tilt	0.021	0.064	0.316	0.000	0.002	0.084	0.087	0.337	0.339
	Right Cheek	0.035	0.064	0.316	0.008	0.020	0.107	0.119	0.359	0.371
	Right Tilt	0.018	0.064	0.316	0.004	0.017	0.086	0.099	0.339	0.351
Body-worn & Hotspot	Back	0.949	0.308	0.178	0.022	0.034	1.280	1.292	1.150	1.162
	Front	0.311	0.308	0.178	0.000	0.015	0.619	0.635	0.489	0.505
Hotspot	Edge Top			0.178		0.006	0.000	0.006	0.178	0.185
	Edge Right			0.320			0.000	0.000	0.320	0.320
	Edge Bottom	0.529	0.308		0.002		0.840	0.837	0.532	0.529
	Edge Left	0.347	0.345		0.019	0.087	0.711	0.779	0.366	0.433

12.32. WWAN(CBE) Cell-on & Wi-Fi 5G Power State 6 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.724	0.040	0.274	0.022	0.089	0.000	0.000	0.786	0.786	1.019	1.019	0.852	0.852	1.086	1.086
	Left Tilt	0.616	0.000	0.274	0.009	0.025	0.000	0.002	0.625	0.627	0.898	0.901	0.641	0.644	0.915	0.917
	Right Cheek	0.254	0.000	0.274	0.012	0.025	0.008	0.020	0.273	0.285	0.547	0.559	0.287	0.299	0.560	0.572
	Right Tilt	0.281	0.000	0.274	0.014	0.007	0.004	0.017	0.299	0.312	0.573	0.586	0.292	0.305	0.566	0.579
Body-worn & Hotspot	Back	0.647	0.336	0.342	0.083	0.073	0.022	0.034	1.088	1.100	1.093	1.105	1.078	1.091	1.084	1.096
	Front	0.208	0.024	0.030	0.062	0.038	0.000	0.015	0.294	0.309	0.301	0.316	0.270	0.285	0.277	0.292
Hotspot	Edge Top	0.125		0.030		0.006		0.006	0.125	0.131	0.155	0.162	0.131	0.137	0.161	0.167
	Edge Right	0.457				0.078			0.457	0.457	0.457	0.457	0.535	0.535	0.535	
	Edge Bottom		0.024		0.010			0.002	0.036	0.034	0.012	0.010	0.026	0.024	0.002	0.000
	Edge Left		0.131	0.199	0.089			0.019	0.239	0.307	0.307	0.375	0.150	0.218	0.218	0.286
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT7	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.043	0.040	0.274	0.022	0.089	0.000	0.000	0.105	0.105	0.339	0.339	0.172	0.172	0.405	0.405
	Left Tilt	0.018	0.000	0.274	0.009	0.025	0.000	0.002	0.028	0.030	0.301	0.303	0.044	0.046	0.317	0.320
	Right Cheek	0.111	0.000	0.274	0.012	0.025	0.008	0.020	0.130	0.142	0.404	0.416	0.144	0.156	0.417	0.429
	Right Tilt	0.027	0.000	0.274	0.014	0.007	0.004	0.017	0.046	0.059	0.319	0.332	0.039	0.051	0.312	0.325
Body-worn & Hotspot	Back	0.776	0.336	0.342	0.083	0.073	0.022	0.034	1.217	1.230	1.233	1.235	1.208	1.220	1.213	1.225
	Front	0.319	0.024	0.030	0.062	0.038	0.000	0.015	0.405	0.420	0.412	0.427	0.381	0.396	0.388	0.403
Hotspot	Edge Top			0.030		0.006		0.006	0.000	0.006	0.030	0.037	0.006	0.012	0.036	0.042
	Edge Right	0.899				0.078			0.899	0.899	0.899	0.899	0.977	0.977	0.977	
	Edge Bottom	0.174	0.024		0.010			0.002	0.210	0.208	0.186	0.184	0.200	0.197	0.176	0.174
	Edge Left		0.131	0.199	0.089			0.019	0.239	0.307	0.307	0.375	0.150	0.218	0.218	0.286
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT8	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.235	0.040	0.274	0.022	0.089	0.000	0.000	0.297	0.297	0.531	0.531	0.364	0.364	0.598	0.598
	Left Tilt	0.241	0.000	0.274	0.009	0.025	0.000	0.002	0.250	0.252	0.523	0.526	0.266	0.269	0.540	0.542
	Right Cheek	0.927	0.000	0.274	0.012	0.025	0.008	0.020	0.946	0.958	1.220	1.232	0.960	0.972	1.233	1.245
	Right Tilt	0.397	0.000	0.274	0.014	0.007	0.004	0.017	0.415	0.428	0.689	0.702	0.408	0.421	0.682	0.695
Body-worn & Hotspot	Back	0.746	0.336	0.342	0.083	0.073	0.022	0.034	1.187	1.199	1.192	1.205	1.178	1.190	1.183	1.195
	Front	0.389	0.024	0.030	0.062	0.038	0.000	0.015	0.475	0.490	0.482	0.497	0.451	0.466	0.458	0.473
Hotspot	Edge Top	0.266		0.030		0.006		0.006	0.266	0.272	0.296	0.303	0.272	0.278	0.302	0.308
	Edge Right					0.078			0.000	0.000	0.000	0.000	0.078	0.078	0.078	
	Edge Bottom		0.024		0.010			0.002	0.036	0.034	0.012	0.010	0.026	0.024	0.002	0.000
	Edge Left	0.881	0.131	0.199	0.089			0.019	1.120	1.188	1.188	1.256	1.031	1.099	1.099	1.167
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT9	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{low}) ANT3	5 BT (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.032	0.040	0.274	0.022	0.089	0.000	0.000	0.094	0.094	0.328	0.328	0.161	0.161	0.394	0.394
	Left Tilt	0.021	0.000	0.274	0.009	0.025	0.000	0.002	0.030	0.032	0.303	0.306	0.046	0.049	0.320	0.322
	Right Cheek	0.035	0.000	0.274	0.012	0.025	0.008	0.020	0.055	0.067	0.328	0.340	0.068	0.080	0.342	0.354
	Right Tilt	0.018	0.000	0.274	0.014	0.007	0.004	0.017	0.037	0.050	0.310	0.323	0.030	0.043	0.303	0.316
Body-worn & Hotspot	Back	0.949	0.336	0.342	0.083	0.073	0.022	0.034	1.391	1.403	1.396	1.408	1.381	1.393	1.386	1.399
	Front	0.311	0.024	0.030	0.062	0.038	0.000	0.015	0.397	0.412	0.404	0.419	0.373	0.388	0.380	0.395
Hotspot	Edge Top			0.030		0.006		0.006	0.000	0.006	0.030	0.037	0.006	0.012	0.036	0.042
	Edge Right					0.078			0.000	0.000	0.000	0.000	0.078	0.078	0.078	
	Edge Bottom	0.529	0.024		0.010			0.002	0.565	0.563	0.542	0.539	0.555	0.553	0.532	0.529
	Edge Left	0.347	0.131	0.199	0.089			0.019	0.586	0.653	0.654	0.722	0.497	0.564	0.565	0.632

12.33. WWAN(CBE) Cell-on & Wi-Fi 5G Power State 6 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 802.15.4 (P _{low}) ANT3	5 802.15.4 (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.724	0.040	0.274	0.000	0.090	0.000	0.000	0.764	0.764	0.997	0.997	0.854	0.854	1.087	1.087
	Left Tilt	0.616	0.000	0.274	0.000	0.047	0.000	0.002	0.616	0.618	0.890	0.892	0.663	0.665	0.936	0.939
	Right Cheek	0.254	0.000	0.274	0.000	0.022	0.008	0.020	0.262	0.274	0.535	0.547	0.283	0.295	0.557	0.569
	Right Tilt	0.281	0.000	0.274	0.000	0.019	0.004	0.017	0.285	0.298	0.559	0.572	0.304	0.317	0.578	0.591
Body-worn & Hotspot	Back	0.647	0.336	0.342	0.000	0.037	0.022	0.034	1.005	1.018	1.011	1.023	1.042	1.054	1.048	1.060
	Front	0.208	0.024	0.030	0.004	0.024	0.000	0.015	0.236	0.251	0.242	0.258	0.256	0.271	0.263	0.278
Hotspot	Edge Top	0.125		0.030		0.004		0.006	0.125	0.131	0.155	0.162	0.155	0.136	0.160	0.166
	Edge Right	0.457				0.017			0.457	0.457	0.457	0.457	0.474	0.474	0.474	0.474
	Edge Bottom		0.024		0.000			0.002	0.026	0.024	0.002	0.000	0.026	0.024	0.002	0.000
	Edge Left		0.131	0.199	0.000			0.019	0.150	0.218	0.218	0.286	0.150	0.218	0.218	0.286
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT7	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 802.15.4 (P _{low}) ANT3	5 802.15.4 (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.043	0.040	0.274	0.000	0.090	0.000	0.000	0.083	0.083	0.317	0.317	0.173	0.173	0.407	0.407
	Left Tilt	0.018	0.000	0.274	0.000	0.047	0.000	0.002	0.019	0.021	0.292	0.295	0.066	0.068	0.339	0.341
	Right Cheek	0.111	0.000	0.274	0.000	0.022	0.008	0.020	0.119	0.131	0.392	0.404	0.140	0.152	0.413	0.425
	Right Tilt	0.027	0.000	0.274	0.000	0.019	0.004	0.017	0.032	0.044	0.305	0.318	0.051	0.063	0.324	0.337
Body-worn & Hotspot	Back	0.776	0.336	0.342	0.000	0.037	0.022	0.034	1.135	1.147	1.140	1.152	1.172	1.184	1.177	1.189
	Front	0.319	0.024	0.030	0.004	0.024	0.000	0.015	0.347	0.362	0.354	0.369	0.367	0.382	0.374	0.389
Hotspot	Edge Top			0.030		0.004		0.006	0.000	0.006	0.030	0.037	0.004	0.011	0.035	0.041
	Edge Right	0.899				0.017			0.899	0.899	0.899	0.899	0.916	0.916	0.916	0.916
	Edge Bottom	0.174	0.024		0.000			0.002	0.200	0.198	0.176	0.174	0.200	0.197	0.176	0.174
	Edge Left		0.131	0.199	0.000			0.019	0.150	0.218	0.218	0.286	0.150	0.218	0.218	0.286
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT8	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 802.15.4 (P _{low}) ANT3	5 802.15.4 (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.235	0.040	0.274	0.000	0.090	0.000	0.000	0.276	0.276	0.509	0.509	0.365	0.365	0.599	0.599
	Left Tilt	0.241	0.000	0.274	0.000	0.047	0.000	0.002	0.241	0.243	0.514	0.517	0.288	0.290	0.561	0.564
	Right Cheek	0.927	0.000	0.274	0.000	0.022	0.008	0.020	0.935	0.947	1.208	1.220	0.956	0.968	1.230	1.242
	Right Tilt	0.397	0.000	0.274	0.000	0.019	0.004	0.017	0.401	0.414	0.675	0.688	0.420	0.433	0.694	0.707
Body-worn & Hotspot	Back	0.746	0.336	0.342	0.000	0.037	0.022	0.034	1.105	1.117	1.110	1.122	1.141	1.154	1.147	1.159
	Front	0.389	0.024	0.030	0.004	0.024	0.000	0.015	0.417	0.432	0.423	0.439	0.437	0.452	0.444	0.459
Hotspot	Edge Top	0.266		0.030		0.004		0.006	0.266	0.272	0.296	0.303	0.270	0.277	0.301	0.307
	Edge Right					0.017			0.000	0.000	0.000	0.000	0.017	0.017	0.017	0.017
	Edge Bottom		0.024		0.000			0.002	0.026	0.024	0.002	0.000	0.026	0.024	0.002	0.000
	Edge Left	0.881	0.131	0.199	0.000			0.019	1.031	1.099	1.099	1.167	1.031	1.099	1.099	1.167
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT9	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 802.15.4 (P _{low}) ANT3	5 802.15.4 (P _{low}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
Head	Left Cheek	0.032	0.040	0.274	0.000	0.090	0.000	0.000	0.072	0.072	0.306	0.306	0.162	0.162	0.396	0.396
	Left Tilt	0.021	0.000	0.274	0.000	0.047	0.000	0.002	0.021	0.023	0.294	0.297	0.068	0.070	0.341	0.344
	Right Cheek	0.035	0.000	0.274	0.000	0.022	0.008	0.020	0.043	0.055	0.317	0.329	0.065	0.077	0.338	0.350
	Right Tilt	0.018	0.000	0.274	0.000	0.019	0.004	0.017	0.023	0.036	0.296	0.309	0.042	0.055	0.315	0.328
Body-worn & Hotspot	Back	0.949	0.336	0.342	0.000	0.037	0.022	0.034	1.308	1.320	1.313	1.325	1.345	1.357	1.350	1.362
	Front	0.311	0.024	0.030	0.004	0.024	0.000	0.015	0.339	0.354	0.346	0.361	0.359	0.374	0.366	0.381
Hotspot	Edge Top			0.030		0.004		0.006	0.000	0.006	0.030	0.037	0.004	0.011	0.035	0.041
	Edge Right					0.017			0.000	0.000	0.000	0.000	0.017	0.017	0.017	0.017
	Edge Bottom	0.529	0.024		0.000			0.002	0.555	0.553	0.532	0.529	0.555	0.553	0.532	0.529
	Edge Left	0.347	0.131	0.199	0.000			0.019	0.497	0.564	0.565	0.633	0.497	0.564	0.565	0.632

Appendixes

Refer to separated files for the following appendixes.

Appendix A: SAR Setup Photos

Appendix B: SAR System Check Plots

Appendix C: SAR Highest Test Plots

Appendix D: SAR Tissue Ingredients

Appendix E: SAR Probe Certificates

Appendix F: SAR Dipole Certificates

Appendix G: LTE Down-Link CA

Appendix H: Body Detect Validation

Appendix I: Wi-Fi Time-Averaged SAR

Appendix J: MSS Time-Averaged SAR

Appendix K: Dipole Impedance Measurement

END OF REPORT