7.1.34 Conducted power measurements of BT

BT	Tune-up	Average Conducted Power (dBm)		
	Max.	0CH	13CH	26CH
DH5	17.30	**15.86**	**16.87**	**16.05**
2DH5	15.30	13.94	14.97	14.15
3DH5	15.30	13.93	14.93	14.15
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	27CH	41CH	65CH
DH5	16.30	15.96	15.35	14.96
2DH5	14.30	14.07	13.45	13.09
3DH5	14.30	14.06	13.45	13.07
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	66CH	72CH	78CH
DH5	15.30	14.89	14.44	13.46
2DH5	13.40	13.03	12.57	11.63
3DH5	13.40	13.00	12.55	11.59

Table 155: Conducted power measurement results of BT (High Power level A)

BT	Tune-up	Average Conducted Power (dBm)		
	Max.	0CH	5CH	10CH
DH5	10.50	9.35	9.47	8.78
2DH5	8.50	7.54	7.48	6.79
3DH5	8.50	7.54	7.49	6.71
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	11CH	39CH	68CH
DH5	11.00	**9.40**	**9.58**	**9.14**
2DH5	9.00	6.81	7.74	7.71
3DH5	9.00	6.81	7.75	7.72
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	69CH	73CH	78CH
DH5	10.00	9.42	8.93	7.91
2DH5	8.50	7.66	7.10	6.07
3DH5	8.50	7.66	7.11	6.07
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	0CH	2CH	5CH
BLE	8.00	7.65	7.90	7.91
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	6CH	18CH	31CH
BLE	9.00	8.07	8.46	8.10
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	32CH	35CH	39CH
BLE	7.50	7.33	7.32	7.37

Table 156: Conducted power measurement results of BT (Normal Power level B)

BT	Tune-up	Average Conducted Power (dBm)		
	Max.	0CH	4CH	8CH
UHD GFSK 1Mbps HP	16.30	14.90	14.89	15.13
UHD GFSK 2Mbps HP	16.30	13.90	14.82	15.13
UHD 2M HP	16.20	15.03	14.90	15.12
UHD 2M 8DPSK HP	16.30	15.12	15.04	15.28
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	9CH	14CH	18CH
UHD GFSK 1Mbps HP	16.00	14.99	13.63	13.02
UHD GFSK 2Mbps HP	15.80	15.01	13.57	12.89
UHD 2M HP	15.70	15.05	15.25	13.19
UHD 2M 8DPSK HP	15.80	15.15	13.85	13.28
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	19CH	26CH	32CH
UHD GFSK 1Mbps HP	15.70	13.19	13.97	12.71
UHD GFSK 2Mbps HP	15.50	13.12	13.97	12.59
UHD 2M HP	15.20	13.39	14.39	13.21
UHD 2M 8DPSK HP	15.50	13.47	14.18	12.82
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	33CH	35CH	37CH
UHD GFSK 1Mbps HP	14.50	12.59	12.48	12.49
UHD GFSK 2Mbps HP	14.30	12.52	12.44	12.45
UHD 2M HP	14.20	13.11	13.10	13.13
UHD 2M 8DPSK HP	14.30	12.69	12.61	12.58
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	0CH	6CH	10CH
UHD 4M	14.90	13.91	15.01	14.72
	Max.	12CH	16CH	20CH
	14.00	14.16	12.91	13.25
	Max.	22CH	26CH	28CH
	14.30	13.62	14.28	13.65
	Max.	30CH	34CH	36CH
	13.50	13.26	12.30	12.41

Table 157: Conducted power measurement results of BT UHD (High Power level A)

BT	Tune-up	Average Conducted Power (dBm)		
	Max.	0CH	1CH	3CH
UHD GFSK 1Mbps HP	7.20	4.99	4.85	4.51
UHD GFSK 2Mbps HP	7.20	5.08	4.97	4.56
UHD 2M HP	7.10	5.81	5.65	5.32
UHD 2M 8DPSK HP	7.70	5.89	5.73	5.38
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	4CH	7CH	10CH
UHD GFSK 1Mbps HP	7.70	4.25	5.25	6.38
UHD GFSK 2Mbps HP	7.70	4.35	5.33	6.48
UHD 2M HP	7.50	5.05	6.05	7.12
UHD 2M 8DPSK HP	8.00	5.11	6.12	7.17
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	12CH	19CH	26CH
UHD GFSK 1Mbps HP	8.00	6.95	5.36	5.76
UHD GFSK 2Mbps HP	8.00	7.03	5.43	5.89
UHD 2M HP	7.90	7.58	6.15	6.56
UHD 2M 8DPSK HP	8.50	7.65	6.22	6.60
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	27CH	32CH	37CH
UHD GFSK 1Mbps HP	7.50	5.97	6.09	5.56
UHD GFSK 2Mbps HP	7.50	6.02	6.15	5.63
UHD 2M HP	7.70	6.68	6.76	6.25
UHD 2M 8DPSK HP	8.00	6.76	6.82	6.32
BT	Tune-up	Average Conducted Power (dBm)		
	Max.	0CH	4CH	8CH
UHD 4M	6.50	5.19	4.36	6.03
	Max.	10CH	22CH	32CH
	7.10	6.48	5.41	6.16
	Max.	34CH	/	36CH
	6.50	5.57		5.36

Table 158: Conducted power measurement results of BT UHD (Normal Power level B)

Note:

1)The conducted power of BT is measured with RMS detector.

2)The bolded mode was selected for SAR testing.

3)As different maximum tune-up output power is specified across the different channels range. So the additional conducted power measurement for the adjacent channel of each power level stage is also performed in this report to ensure compliance.

4) BT BLE does not support High power level A mode.

Figure: Bluetooth Transmission Plot

So the actural bluetooth duty cycle is calculated as below:

$$\text{Dutycycle} = \text{pulse}\frac{width}{period} * 100\% = \frac{2.87274ms}{3.74946ms} * 100\% = 76.6\%$$

7.2 SAR measurement Results

General Notes:

1) Per KDB 447498 D01, all SAR measurement results are scaled to the maximum tune-up tolerance limit to demonstrate SAR compliance.

2) Per KDB 447498 D01, 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:

● ≤ 0.8W/kg for 1-g or 2.0W/kg for 10-g respectively, when the transmission band is ≤ 100MHz.

● ≤ 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.

When the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used.

3) Per KDB 865664 D01,for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg; if the deviation among the repeated measurement is ≤20%, and the measured SAR <1.45W/kg, only one repeated measurement is required.

4) Per KDB 941225 D06, the DUT Dimension is bigger than 9 cm x 5 cm, so 10mm is chosen as the test separation distance for Hotspot mode. When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

5) Per KDB 648474 D04, SAR is evaluated without a headset connected to the device. When the standalone reported body-worn SAR is ≤1.2 W/kg, no additional SAR evaluations using a headset are required.

6) Per KDB 865664 D02, SAR plot is only required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination; Plots are also required when the measured SAR is > 1.5 W/kg, or > 7.0 W/kg for occupational exposure. The published RF exposure KDB procedures may require additional plots; for example, to support SAR to peak location separation ratio test exclusion and/or volume scan post-processing (Refer to appendix B for details).

7) Per KDB 648474 D04, Body-worn accessories that do not contain metallic or conductive components is tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.

8) Per KDB 648474 D04, Phones with built-in NFC functions do not require separate SAR testing and can generally be tested according to the SAR measurement procedures normally required for the phone. Influences of the hardware introduced by the built-in NFC functions are inherently considered through testing of the other transmitters that require SAR evaluation.

9) For this device, the receiver is designed under the screen and invisible. In order to solve the head positioning issue and locate the receiver accurately during Head SAR test, the test lab should follow the manufacturer specification and precisely identify the earpiece location and the best acoustic position on the handset. For Head SAR test, full SAR test is performed with the normal audio receiver position per IEEE 1528-2013. Additional Head SAR spot check tests are also performed with the best acoustic position based on the Head SAR worst case of each Tx antenna to ensure SAR compliance.

GSM Notes:

1) Per KDB941225 D01, SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

2) Per KDB 648474 D04, the device does not support DTM function. Body-worn accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for body-worn SAR.

UMTS Notes:

1) Per KDB 941225 D01, When the maximum output power and tune-up tolerance specified for production units in a Second mode is ≤ ¼ 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 Second to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the Second mode.

LTE Notes:

1) The LTE test configurations are determined according to KDB 941225 D05 SAR for LTE Devices.The general test procedures used for SAR testing can be found in Section 6.5.

2) A-MPR was disabled for all SAR test by setting NS_01 on the base station simulator.SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames(maximum TTI)

3) According to KDB 941225 D05 SAR for LTE Devices, for Time-Division Duplex (TDD) systems, SAR is tested using a fixed periodic duty factor according to the highest transmission duty factor (63.33%) implemented for the device and supported by the defined 3GPP LTE TDD configurations.

WiFi Notes:

Per KDB 248227D01:

1) When reported SAR for the initial test position is ≤ 0.4W/kg, no additional testing for the remaining test position is required. Otherwise, SAR is evaluated at the subsequent highest peak SAR position until the reported SAR result is ≤ 0.8W/kg or all test position are measured. For all positions/configurations tested using the initial test position and subsequent test positions, when the *reported* SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the *reported* SAR is ≤ 1.2 W/kg or all required channels are tested..

2) When the DSSS *reported* SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.

3) 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, SAR measurement is required for 2.4 GHz 802.11g/n OFDM configurations

4) The highest SAR measured for the initial test position or initial test configuration should be used to determine SAR test exclusion according to the sum of 1-g SAR and SAR peak to location ratio provisions in KDB 447498. In addition, a test lab may also choose to perform standalone SAR measurements for test positions and 802.11 configurations that are not required by the initial test position or initial test configuration procedures and apply the results to determine simultaneous transmission SAR test exclusion, according to sum of 1-g and SAR peak to location ratio requirements to reduce the number of simultaneous transmission SAR measurements.

7.2.1 SAR measurement Results of GSM850

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	190/836.6	GSM	0.355	0.173	0.00	28.07	29.00	0.440	Battery 1#	/
Left tilt	190/836.6	GSM	0.336	0.159	0.01	28.07	29.00	0.416	Battery 1#	/
Right cheek	190/836.6	GSM	0.343	0.179	-0.03	28.07	29.00	0.425	Battery 1#	/
Right tilt	190/836.6	GSM	0.313	0.150	-0.04	28.07	29.00	0.388	Battery 1#	/
Left cheek	190/836.6	GSM	0.352	0.171	-0.05	28.07	29.00	0.436	Battery 2#	/
Left cheek	128/824.2	GSM	0.353	0.175	-0.03	27.88	29.00	0.457	Battery 1#	/
Left cheek	251/848.8	GSM	0.361	0.178	-0.03	28.10	29.00	0.444	Battery 1#	/
Main Antenna										
Left cheek	190/836.6	GSM	0.093	0.071	0.06	33.43	34.00	0.105	Battery 1#	/
Left tilt	190/836.6	GSM	0.057	0.039	0.04	33.43	34.00	0.065	Battery 1#	/
Right cheek	190/836.6	GSM	0.115	0.089	0.19	33.43	34.00	0.131	Battery 1#	/
Right tilt	190/836.6	GSM	0.041	0.029	-0.04	33.43	34.00	0.047	Battery 1#	/
Right cheek	190/836.6	GSM	0.113	0.087	-0.03	33.43	34.00	0.129	Battery 2#	/
Right cheek	128/824.2	GSM	0.103	0.080	-0.02	33.48	34.00	0.116	Battery 1#	/
Right cheek	251/848.8	GSM	0.130	0.101	-0.12	33.41	34.00	0.149	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Left cheek	128/824.2	GSM	**0.387**	0.192	0.00	27.88	29.00	**0.501**	Battery 1#	Yes
Left cheek	128/824.2	GSM	0.387	0.191	-0.05	27.88	29.00	0.501	With SIM2	/
Main Antenna										
Right cheek	251/848.8	GSM	**0.138**	0.108	0.16	33.41	34.00	**0.158**	Battery 1#	Yes
Right cheek	251/848.8	GSM	0.113	0.088	0.05	33.41	34.00	0.129	With SIM2	/

Table 159: Head SAR test results of GSM850

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	190/836.6	GSM	0.266	0.176	-0.02	33.40	34.00	0.305	Battery 1#	/
Back Side	15mm	190/836.6	GSM	**0.270**	0.183	-0.15	33.40	34.00	**0.310**	Battery 1#	Yes
Back Side	15mm	190/836.6	GSM	0.260	0.174	-0.06	33.40	34.00	0.299	Battery 2#	/
Back Side	15mm	128/824.2	GSM	0.229	0.157	-0.12	33.37	34.00	0.265	Battery 1#	/
Back Side	15mm	251/848.8	GSM	0.199	0.134	-0.07	33.45	34.00	0.226	Battery 1#	/
Main Antenna											
Front Side	15mm	190/836.6	GSM	0.233	0.159	0.16	33.43	34.00	0.266	Battery 1#	/
Back Side	15mm	190/836.6	GSM	0.242	0.171	-0.16	33.43	34.00	0.276	Battery 1#	/
Back Side	15mm	190/836.6	GSM	0.255	0.180	-0.07	33.43	34.00	0.291	Battery 2#	/
Back Side	15mm	128/824.2	GSM	0.242	0.172	-0.04	33.48	34.00	0.273	Battery 2#	/
Back Side	15mm	251/848.8	GSM	**0.288**	0.202	-0.08	33.41	34.00	**0.330**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	190/836.6	GSM	0.191	0.112	-0.08	33.40	34.00	0.219	Battery 1#	/
Back Side	15mm	190/836.6	GSM	0.191	0.112	-0.07	33.40	34.00	0.219	With SIM2	/
Main Antenna											
Back Side	15mm	251/848.8	GSM	0.233	0.164	-0.03	33.41	34.00	0.267	Battery 2#	/
Back Side	15mm	251/848.8	GSM	0.239	0.169	0.04	33.41	34.00	0.274	With SIM2	/

Table 160: Body Worn SAR test results of GSM850

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	190/836.6	GPRS 2TS	0.622	0.377	-0.03	31.10	32.00	0.765	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	**0.647**	0.359	-0.06	31.10	32.00	**0.796**	Battery 1#	Yes
Left Side	10mm	190/836.6	GPRS 2TS	0.215	0.144	-0.01	31.10	32.00	0.265	Battery 1#	/
Top Side	10mm	190/836.6	GPRS 2TS	0.364	0.172	-0.02	31.10	32.00	0.448	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.589	0.328	-0.06	31.10	32.00	0.725	Battery 2#	/
Back Side	10mm	128/824.2	GPRS 2TS	0.578	0.326	-0.04	30.82	32.00	0.758	Battery 1#	/
Back Side	10mm	251/848.8	GPRS 2TS	0.511	0.302	-0.05	30.99	32.00	0.645	Battery 1#	/
Main Antenna											
Front Side	10mm	190/836.6	GPRS 2TS	0.307	0.210	-0.05	31.17	32.00	0.372	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.404	0.275	-0.04	31.17	32.00	0.489	Battery 1#	/
Left Side	10mm	190/836.6	GPRS 2TS	0.271	0.140	-0.13	31.17	32.00	0.328	Battery 1#	/
Right Side	10mm	190/836.6	GPRS 2TS	0.134	0.089	-0.02	31.17	32.00	0.162	Battery 1#	/
Bottom Side	10mm	190/836.6	GPRS 2TS	0.289	0.182	0.06	31.17	32.00	0.350	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.437	0.298	0.06	31.17	32.00	0.529	Battery 2#	/
Back Side	10mm	128/824.2	GPRS 2TS	0.402	0.275	-0.09	31.16	32.00	0.488	Battery 2#	/
Back Side	10mm	251/848.8	GPRS 2TS	0.495	0.336	0.01	31.28	32.00	0.584	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	10mm	190/836.6	GPRS 2TS	0.512	0.287	0.17	31.10	32.00	0.630	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.489	0.275	-0.04	31.10	32.00	0.602	With SIM2	/
Main Antenna											
Back Side	10mm	251/848.8	GPRS 2TS	**0.502**	0.342	-0.05	31.28	32.00	**0.593**	Battery 2#	Yes
Back Side	10mm	251/848.8	GPRS 2TS	0.488	0.332	-0.07	31.28	32.00	0.576	With SIM2	/

Table 161: Hotspot SAR test results of GSM850

Note: Per KDB 648474 D04, Product Specific 10-g SAR test is not required for this frequency band since hotspot mode 1-g reported SAR < 1.2 W/kg.

7.2.2 SAR measurement Results of GSM1900

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	661/1880	GSM	0.155	0.087	0.10	27.10	28.00	0.191	Battery 1#	/
Left tilt	661/1880	GSM	0.213	0.100	0.10	27.10	28.00	0.262	Battery 1#	/
Right cheek	661/1880	GSM	0.224	0.110	-0.03	27.10	28.00	0.276	Battery 1#	/
Right tilt	661/1880	GSM	0.354	0.169	0.13	27.10	28.00	0.436	Battery 1#	/
Right tilt	661/1880	GSM	0.387	0.187	0.00	27.10	28.00	0.476	Battery 2#	/
Right tilt	512/1850.2	GSM	0.366	0.177	0.06	26.77	28.00	0.486	Battery 2#	/
Right tilt	810/1909.8	GSM	**0.475**	0.228	0.00	27.32	28.00	**0.556**	Battery 2#	Yes
Main Antenna										
Left cheek	661/1880	GSM	0.065	0.040	0.08	30.20	31.00	0.078	Battery 1#	/
Left tilt	661/1880	GSM	0.040	0.024	-0.07	30.20	31.00	0.048	Battery 1#	/
Right cheek	661/1880	GSM	0.081	0.051	0.14	30.20	31.00	0.098	Battery 1#	/
Right tilt	661/1880	GSM	0.033	0.019	0.11	30.20	31.00	0.039	Battery 1#	/
Right cheek	661/1880	GSM	0.071	0.042	0.16	30.20	31.00	0.086	Battery 2#	/
Right cheek	512/1850.2	GSM	0.068	0.043	-0.03	29.95	31.00	0.086	Battery 1#	/
Right cheek	810/1909.8	GSM	0.070	0.045	-0.10	30.22	31.00	0.083	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	810/1909.8	GSM	0.331	0.157	-0.14	27.32	28.00	0.387	Battery 2#	/
Right tilt	810/1909.8	GSM	0.321	0.154	-0.13	27.32	28.00	0.375	With SIM2	/
Main Antenna										
Right cheek	661/1880	GSM	**0.102**	0.063	0.12	30.20	31.00	**0.123**	Battery 1#	Yes
Right cheek	661/1880	GSM	0.073	0.047	0.19	30.20	31.00	0.088	With SIM2	/

Table 162: Head SAR test results of GSM1900

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	661/1880	GSM	0.027	0.015	0.08	29.48	30.00	0.030	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.031	0.019	0.03	29.48	30.00	0.035	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.066	0.041	-0.09	29.48	30.00	0.075	Battery 2#	/
Back Side	15mm	512/1850.2	GSM	0.030	0.017	0.16	29.14	30.00	0.037	Battery 2#	/
Back Side	15mm	810/1909.8	GSM	0.033	0.020	0.11	29.57	30.00	0.036	Battery 2#	/
Main Antenna											
Front Side	15mm	661/1880	GSM	0.102	0.061	0.10	30.20	31.00	0.123	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.131	0.089	-0.06	30.20	31.00	0.157	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.129	0.087	-0.06	30.20	31.00	0.155	Battery 2#	/
Back Side	15mm	512/1850.2	GSM	0.135	0.092	0.03	29.95	31.00	0.172	Battery 1#	/
Back Side	15mm	810/1909.8	GSM	0.139	0.095	0.03	30.22	31.00	0.166	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	661/1880	GSM	**0.076**	0.048	-0.11	29.48	30.00	**0.086**	Battery 1#	Yes
Back Side	15mm	661/1880	GSM	0.067	0.043	-0.07	29.48	30.00	0.075	With SIM2	/
Main Antenna											
Back Side	15mm	512/1850.2	GSM	**0.159**	0.105	-0.14	30.22	31.00	**0.190**	Battery 1#	Yes
Back Side	15mm	512/1850.2	GSM	0.152	0.101	-0.19	30.22	31.00	0.182	With SIM2	/

Table 163: Body Worn SAR test results of GSM1900

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	661/1880	GPRS 2TS	0.099	0.052	0.03	26.21	27.00	0.119	Battery 1#	/
Back Side	10mm	661/1880	GPRS 2TS	0.084	0.046	0.15	26.21	27.00	0.100	Battery 1#	/
Left Side	10mm	661/1880	GPRS 2TS	0.023	0.012	0.05	26.21	27.00	0.027	Battery 1#	/
Top Side	10mm	661/1880	GPRS 2TS	0.195	0.105	-0.12	26.21	27.00	0.234	Battery 1#	/
Top Side	10mm	661/1880	GPRS 2TS	0.213	0.115	0.11	26.21	27.00	0.255	Battery 2#	/
Top Side	10mm	512/1850.2	GPRS 2TS	0.225	0.121	0.18	25.88	27.00	0.291	Battery 2#	/
Top Side	10mm	810/1909.8	GPRS 2TS	0.255	0.137	0.12	26.45	27.00	0.289	Battery 2#	/
Main Antenna											
Front Side	10mm	661/1880	GPRS 2TS	0.219	0.123	-0.05	27.64	28.50	0.267	Battery 1#	/
Back Side	10mm	661/1880	GPRS 2TS	0.247	0.161	-0.04	27.64	28.50	0.301	Battery 1#	/
Left Side	10mm	661/1880	GPRS 2TS	0.051	0.030	-0.15	27.64	28.50	0.062	Battery 1#	/
Right Side	10mm	661/1880	GPRS 2TS	0.094	0.057	-0.19	27.64	28.50	0.115	Battery 1#	/
Bottom Side	10mm	661/1880	GPRS 2TS	0.465	0.267	-0.15	27.64	28.50	0.567	Battery 1#	/
Bottom Side	10mm	661/1880	GPRS 2TS	0.404	0.233	-0.07	27.64	28.50	0.492	Battery 2#	/
Bottom Side	10mm	512/1850.2	GPRS 2TS	0.426	0.247	-0.05	27.59	28.50	0.525	Battery 1#	/
Bottom Side	10mm	810/1909.8	GPRS 2TS	0.429	0.247	-0.07	27.63	28.50	0.524	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Top Side	10mm	512/1850.2	GPRS 2TS	**0.308**	0.169	0.09	26.45	27.00	**0.350**	Battery 1#	Yes
Top Side	10mm	512/1850.2	GPRS 2TS	0.299	0.164	0.09	26.45	27.00	0.339	With SIM2	/
Main Antenna											
Bottom Side	10mm	661/1880	GPRS 2TS	**0.552**	0.322	0.02	27.64	28.50	**0.673**	Battery 1#	Yes
Bottom Side	10mm	661/1880	GPRS 2TS	0.536	0.316	0.03	27.64	28.50	0.653	With SIM2	/

Table 164: Hotspot SAR test results of GSM1900

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Front Side	10mm	661/1880	GPRS 2TS	0.099	0.052	0.03	26.21	28.00	0.150	Yes
Back Side	10mm	661/1880	GPRS 2TS	0.084	0.046	0.15	26.21	28.00	0.126	Yes
Left Side	10mm	661/1880	GPRS 2TS	0.023	0.012	0.05	26.21	28.00	0.034	Yes
Top Side	10mm	661/1880	GPRS 2TS	0.195	0.105	-0.12	26.21	28.00	0.294	Yes
Top Side	10mm	661/1880	GPRS 2TS	0.213	0.115	0.11	26.21	28.00	0.322	Yes
Top Side	10mm	512/1850.2	GPRS 2TS	0.225	0.121	0.18	25.88	28.00	0.367	Yes
Top Side	10mm	810/1909.8	GPRS 2TS	0.255	0.137	0.12	26.45	28.00	0.364	Yes
Main Antenna										
Front Side	10mm	661/1880	GPRS 2TS	0.219	0.123	-0.05	27.64	29.00	0.300	Yes
Back Side	10mm	661/1880	GPRS 2TS	0.247	0.161	-0.04	27.64	29.00	0.338	Yes
Left Side	10mm	661/1880	GPRS 2TS	0.051	0.030	-0.15	27.64	29.00	0.070	Yes
Right Side	10mm	661/1880	GPRS 2TS	0.094	0.057	-0.19	27.64	29.00	0.129	Yes
Bottom Side	10mm	661/1880	GPRS 2TS	0.465	0.267	-0.15	27.64	29.00	0.636	Yes
Bottom Side	10mm	661/1880	GPRS 2TS	0.404	0.233	-0.07	27.64	29.00	0.553	Yes
Bottom Side	10mm	512/1850.2	GPRS 2TS	0.426	0.247	-0.05	27.59	29.00	0.589	Yes
Bottom Side	10mm	810/1909.8	GPRS 2TS	0.429	0.247	-0.07	27.63	29.00	0.588	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Top Side	10mm	512/1850.2	GPRS 2TS	**0.308**	0.169	0.09	26.45	28.00	0.440	Yes
Top Side	10mm	512/1850.2	GPRS 2TS	0.299	0.164	0.09	26.45	28.00	0.427	Yes
Main Antenna										
Bottom Side	10mm	661/1880	GPRS 2TS	**0.552**	0.322	0.02	27.64	29.00	0.755	Yes
Bottom Side	10mm	661/1880	GPRS 2TS	0.536	0.316	0.03	27.64	29.00	0.733	Yes

Table 165: Product Specific 10-g SAR test reduction evaluation of GSM1900

Note: According to the table above, Product Specific 10-g SAR test is not required for this frequency band.

7.2.3 SAR measurement Results of UMTS Band II

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	9400/1880	RMC	0.233	0.113	0.14	17.54	18.50	0.291	Battery 1#	/
Left tilt	9400/1880	RMC	0.331	0.155	0.13	17.54	18.50	0.413	Battery 1#	/
Right cheek	9400/1880	RMC	0.297	0.144	0.12	17.54	18.50	0.370	Battery 1#	/
Right tilt	9400/1880	RMC	0.406	0.195	0.07	17.54	18.50	0.506	Battery 1#	/
Right tilt	9400/1880	RMC	0.409	0.197	-0.07	17.54	18.50	0.510	Battery 2#	/
Right tilt	9262/1852.4	RMC	0.441	0.211	0.05	17.65	18.50	0.536	Battery 2#	/
Right tilt	9538/1907.6	RMC	**0.443**	0.212	0.05	17.62	18.50	**0.543**	Battery 2#	Yes
Main Antenna										
Left cheek	9400/1880	RMC	0.137	0.079	0.15	23.77	25.00	0.182	Battery 1#	/
Left tilt	9400/1880	RMC	0.068	0.038	0.18	23.77	25.00	0.091	Battery 1#	/
Right cheek	9400/1880	RMC	0.144	0.091	0.04	23.77	25.00	0.191	Battery 1#	/
Right tilt	9400/1880	RMC	0.072	0.039	0.12	23.77	25.00	0.095	Battery 1#	/
Right cheek	9400/1880	RMC	0.160	0.101	0.10	23.77	25.00	0.212	Battery 2#	/
Right cheek	9262/1852.4	RMC	0.150	0.095	-0.02	23.80	25.00	0.198	Battery 2#	/
Right cheek	9538/1907.6	RMC	0.175	0.109	-0.01	23.94	25.00	0.223	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	9538/1907.6	RMC	0.420	0.199	0.05	17.62	18.50	0.514	Battery 2#	/
Right tilt	9538/1907.6	RMC	0.419	0.199	0.08	17.62	18.50	0.513	With SIM2	/
Main Antenna										
Right cheek	9538/1907.6	RMC	**0.200**	0.125	-0.08	23.94	25.00	**0.255**	Battery 2#	Yes
Right cheek	9538/1907.6	RMC	0.152	0.100	-0.03	23.94	25.00	0.194	With SIM2	/

Table 166: Head SAR test results of UMTS Band II

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	9400/1880	RMC	0.080	0.045	-0.15	22.54	23.50	0.100	Battery 1#	/
Back Side	15mm	9400/1880	RMC	0.109	0.069	-0.10	22.54	23.50	0.136	Battery 1#	/
Back Side	15mm	9400/1880	RMC	0.118	0.074	-0.11	22.54	23.50	0.147	Battery 2#	/
Back Side	15mm	9262/1852.4	RMC	0.125	0.079	0.11	22.61	23.50	0.153	Battery 2#	/
Back Side	15mm	9538/1907.6	RMC	0.108	0.062	0.11	22.63	23.50	0.132	Battery 2#	/
Main Antenna											
Front Side	15mm	9400/1880	RMC	0.200	0.122	-0.15	23.77	25.00	0.265	Battery 1#	/
Back Side	15mm	9400/1880	RMC	0.285	0.190	-0.17	23.77	25.00	0.378	Battery 1#	/
Back Side	15mm	9400/1880	RMC	0.370	0.247	0.00	23.77	25.00	0.491	Battery 2#	/
Back Side	15mm	9262/1852.4	RMC	0.357	0.239	-0.08	23.80	25.00	0.471	Battery 2#	/
Back Side	15mm	9538/1907.6	RMC	**0.389**	0.259	-0.06	23.94	25.00	**0.497**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	9262/1852.4	RMC	0.125	0.080	-0.02	22.61	23.50	0.153	Battery 2#	/
Back Side	15mm	9262/1852.4	RMC	**0.152**	0.097	-0.01	22.61	23.50	**0.187**	With SIM2	Yes
Main Antenna											
Back Side	15mm	9538/1907.6	RMC	0.260	0.169	-0.03	23.94	25.00	0.332	Battery 2#	/
Back Side	15mm	9538/1907.6	RMC	0.383	0.251	-0.05	23.94	25.00	0.489	With SIM2	/

Table 167: Body Worn SAR test results of UMTS Band II

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	9400/1880	RMC	0.088	0.047	0.03	19.52	20.50	0.110	Battery 1#	/
Back Side	10mm	9400/1880	RMC	0.110	0.057	-0.17	19.52	20.50	0.138	Battery 1#	/
Left Side	10mm	9400/1880	RMC	0.022	0.012	-0.14	19.52	20.50	0.027	Battery 1#	/
Top Side	10mm	9400/1880	RMC	0.247	0.132	0.11	19.52	20.50	0.310	Battery 1#	/
Top Side	10mm	9400/1880	RMC	0.203	0.104	0.03	19.52	20.50	0.254	Battery 2#	/
Top Side	10mm	9262/1852.4	RMC	0.222	0.113	0.06	19.58	20.50	0.274	Battery 1#	/
Top Side	10mm	9538/1907.6	RMC	0.237	0.121	-0.01	19.49	20.50	0.299	Battery 1#	/
Main Antenna											
Front Side	10mm	9400/1880	RMC	0.237	0.132	-0.12	20.72	22.00	0.318	Battery 1#	/
Back Side	10mm	9400/1880	RMC	0.170	0.095	-0.14	20.72	22.00	0.228	Battery 1#	/
Left Side	10mm	9400/1880	RMC	0.054	0.031	0.06	20.72	22.00	0.072	Battery 1#	/
Right Side	10mm	9400/1880	RMC	0.089	0.050	-0.16	20.72	22.00	0.120	Battery 1#	/
Bottom Side	10mm	9400/1880	RMC	0.489	0.283	-0.04	20.72	22.00	0.657	Battery 1#	/
Bottom Side	10mm	9400/1880	RMC	0.454	0.245	0.01	20.72	22.00	0.610	Battery 2#	/
Bottom Side	10mm	9262/1852.4	RMC	0.511	0.296	-0.09	20.77	22.00	0.678	Battery 1#	/
Bottom Side	10mm	9538/1907.6	RMC	0.293	0.162	-0.07	20.89	22.00	0.378	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Top Side	10mm	9400/1880	RMC	**0.437**	0.240	0.10	19.52	20.50	**0.548**	Battery 1#	Yes
Top Side	10mm	9400/1880	RMC	0.279	0.152	0.17	19.52	20.50	0.350	With SIM2	/
Main Antenna											
Bottom Side	10mm	9262/1852.4	RMC	0.549	0.321	0.06	20.77	22.00	0.729	Battery 1#	/
Bottom Side	10mm	9262/1852.4	RMC	**0.565**	0.329	-0.06	20.77	22.00	**0.750**	With SIM2	Yes

Table 168: Hotspot SAR test results of UMTS Band II

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Front Side	10mm	9400/1880	RMC	0.088	0.047	0.03	19.52	23.50	0.219	Yes
Back Side	10mm	9400/1880	RMC	0.110	0.057	-0.17	19.52	23.50	0.275	Yes
Left Side	10mm	9400/1880	RMC	0.022	0.012	-0.14	19.52	23.50	0.055	Yes
Top Side	10mm	9400/1880	RMC	0.247	0.132	0.11	19.52	23.50	0.618	Yes
Top Side	10mm	9400/1880	RMC	0.203	0.104	0.03	19.52	23.50	0.508	Yes
Top Side	10mm	9262/1852.4	RMC	0.222	0.113	0.06	19.58	23.50	0.547	Yes
Top Side	10mm	9538/1907.6	RMC	0.237	0.121	-0.01	19.49	23.50	0.597	Yes
Main Antenna										
Front Side	10mm	9400/1880	RMC	0.237	0.132	-0.12	20.72	25.00	0.635	Yes
Back Side	10mm	9400/1880	RMC	0.170	0.095	-0.14	20.72	25.00	0.455	Yes
Left Side	10mm	9400/1880	RMC	0.054	0.031	0.06	20.72	25.00	0.144	Yes
Right Side	10mm	9400/1880	RMC	0.089	0.050	-0.16	20.72	25.00	0.239	Yes
Bottom Side	10mm	9400/1880	RMC	0.489	0.283	-0.04	20.72	25.00	1.310	No
Bottom Side	10mm	9400/1880	RMC	0.454	0.245	0.01	20.72	25.00	1.216	No
Bottom Side	10mm	9262/1852.4	RMC	0.511	0.296	-0.09	20.77	25.00	1.353	No
Bottom Side	10mm	9538/1907.6	RMC	0.293	0.162	-0.07	20.89	25.00	0.755	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Top Side	10mm	9400/1880	RMC	**0.437**	0.240	0.10	19.52	23.50	1.093	Yes
Top Side	10mm	9400/1880	RMC	0.279	0.152	0.17	19.52	23.50	0.698	Yes
Main Antenna										
Bottom Side	10mm	9262/1852.4	RMC	0.549	0.321	0.06	20.77	25.00	1.454	No
Bottom Side	10mm	9262/1852.4	RMC	**0.565**	0.329	-0.06	20.77	25.00	1.496	No

Table 169: Product Specific 10-g SAR test reduction evaluation of UMTS Band II

Note: According to the table above, only Bottom side is required for Product Specific 10-g SAR test in this frequency band.

Product Specific 10-g SAR	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 10-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Main Antenna											
Bottom Side	0mm	9400/1880	RMC	4.600	1.990	-0.19	19.25	20.50	2.654	Battery 1#	/
Bottom Side	0mm	9262/1852.4	RMC	3.640	1.490	-0.19	19.32	20.50	1.955	Battery 1#	/
Bottom Side	0mm	9538/1907.6	RMC	4.120	1.660	-0.18	19.42	20.50	2.129	Battery 1#	/
Bottom Side	0mm	9400/1880	RMC	4.830	2.030	-0.14	19.25	20.50	2.707	Battery 2#	/
Bottom Side repeat	0mm	9400/1880	RMC	4.860	**2.040**	-0.19	19.25	20.50	**2.720**	Battery 2#	Yes
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	7mm	9400/1880	RMC	1.670	0.830	-0.19	23.77	25.00	1.102	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Main Antenna											
Bottom Side	0mm	9400/1880	RMC	4.660	2.010	-0.10	19.25	20.50	2.680	Battery 2#	/

Table 170: Product Specific 10-g SAR test results of UMTS Band II

7.2.4 SAR measurement Results of UMTS Band IV

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	1413/1732.6	RMC	0.284	0.133	-0.11	17.38	18.50	0.368	Battery 1#	/
Left tilt	1413/1732.6	RMC	0.413	0.185	0.09	17.38	18.50	0.535	Battery 1#	/
Right cheek	1413/1732.6	RMC	0.257	0.138	0.03	17.38	18.50	0.333	Battery 1#	/
Right tilt	1413/1732.6	RMC	0.435	0.205	0.04	17.38	18.50	0.563	Battery 1#	/
Right tilt	1413/1732.6	RMC	0.428	0.201	0.06	17.38	18.50	0.554	Battery 2#	/
Right tilt	1312/1712.4	RMC	**0.452**	0.212	0.01	17.38	18.50	**0.585**	Battery 1#	Yes
Right tilt	1513/1752.6	RMC	0.415	0.194	0.01	17.32	18.50	0.545	Battery 1#	/
Main Antenna										
Left cheek	1413/1732.6	RMC	**0.294**	0.187	0.14	23.98	25.00	**0.372**	Battery 1#	Yes
Left tilt	1413/1732.6	RMC	0.106	0.061	0.08	23.98	25.00	0.134	Battery 1#	/
Right cheek	1413/1732.6	RMC	0.234	0.154	-0.19	23.98	25.00	0.296	Battery 1#	/
Right tilt	1413/1732.6	RMC	0.113	0.066	0.09	23.98	25.00	0.143	Battery 1#	/
Left cheek	1413/1732.6	RMC	0.240	0.157	0.05	23.98	25.00	0.304	Battery 2#	/
Left cheek	1312/1712.4	RMC	0.244	0.160	0.11	24.01	25.00	0.306	Battery 1#	/
Left cheek	1513/1752.6	RMC	0.232	0.151	0.14	23.87	25.00	0.301	Battery 1#	/
Test at the best acoustic position										
Left cheek	1413/1732.6	RMC	0.279	0.179	0.10	23.98	25.00	0.353	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	1312/1712.4	RMC	0.413	0.190	0.07	17.38	18.50	0.535	Battery 1#	/
Right tilt	1312/1712.4	RMC	0.404	0.187	-0.01	17.38	18.50	0.523	With SIM2	/
Main Antenna										
Left cheek	1413/1732.6	RMC	0.225	0.147	0.14	23.98	25.00	0.285	Battery 1#	/
Left cheek	1413/1732.6	RMC	0.221	0.144	0.16	23.98	25.00	0.280	With SIM2	/

Table 171: Head SAR test results of UMTS Band IV

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	1413/1732.6	RMC	0.150	0.088	-0.10	23.01	24.00	0.188	Battery 1#	/
Back Side	15mm	1413/1732.6	RMC	**0.153**	0.091	-0.05	23.01	24.00	**0.192**	Battery 1#	Yes
Back Side	15mm	1413/1732.6	RMC	0.141	0.084	-0.06	23.01	24.00	0.177	Battery 2#	/
Back Side	15mm	1312/1712.4	RMC	0.131	0.076	-0.11	23.02	24.00	0.164	Battery 1#	/
Back Side	15mm	1513/1752.6	RMC	0.124	0.072	-0.05	22.90	24.00	0.160	Battery 1#	/
Main Antenna											
Front Side	15mm	1413/1732.6	RMC	0.424	0.279	0.00	23.98	25.00	0.536	Battery 1#	/
Back Side	15mm	1413/1732.6	RMC	0.431	0.284	0.01	23.98	25.00	0.545	Battery 1#	/
Back Side	15mm	1413/1732.6	RMC	0.454	0.301	-0.03	23.98	25.00	0.574	Battery 2#	/
Back Side	15mm	1312/1712.4	RMC	0.463	0.309	-0.03	24.01	25.00	0.582	Battery 2#	/
Back Side	15mm	1513/1752.6	RMC	0.463	0.304	-0.11	23.87	25.00	0.601	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Back Side	15mm	1413/1732.6	RMC	0.127	0.072	-0.11	23.01	24.00	0.160	Battery 1#	/
Back Side	15mm	1413/1732.6	RMC	0.117	0.066	-0.06	23.01	24.00	0.147	With SIM2	/
Main Antenna											
Back Side	15mm	1513/1752.6	RMC	**0.493**	0.315	-0.04	23.87	25.00	**0.640**	Battery 2#	/
Back Side	15mm	1513/1752.6	RMC	0.484	0.308	-0.05	23.87	25.00	0.628	With SIM2	Yes

Table 172: Body Worn SAR test results of UMTS Band IV

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	1413/1732.6	RMC	0.121	0.066	0.00	20.00	21.00	0.152	Battery 1#	/
Back Side	10mm	1413/1732.6	RMC	0.136	0.075	-0.10	20.00	21.00	0.171	Battery 1#	/
Left Side	10mm	1413/1732.6	RMC	0.029	0.017	-0.14	20.00	21.00	0.036	Battery 1#	/
Top Side	10mm	1413/1732.6	RMC	0.261	0.138	0.17	20.00	21.00	0.329	Battery 1#	/
Top Side	10mm	1413/1732.6	RMC	0.253	0.135	0.14	20.00	21.00	0.319	Battery 2#	/
Top Side	10mm	1312/1712.4	RMC	0.261	0.139	0.16	20.02	21.00	0.327	Battery 1#	/
Top Side	10mm	1513/1752.6	RMC	**0.271**	0.144	0.15	19.90	21.00	**0.349**	Battery 1#	Yes
Main Antenna											
Front Side	10mm	1413/1732.6	RMC	0.359	0.212	0.01	20.88	22.00	0.465	Battery 1#	/
Back Side	10mm	1413/1732.6	RMC	0.339	0.190	-0.12	20.88	22.00	0.439	Battery 1#	/
Left Side	10mm	1413/1732.6	RMC	0.078	0.045	0.07	20.88	22.00	0.101	Battery 1#	/
Right Side	10mm	1413/1732.6	RMC	0.147	0.082	0.10	20.88	22.00	0.190	Battery 1#	/
Bottom Side	10mm	1413/1732.6	RMC	0.479	0.278	0.17	20.88	22.00	0.620	Battery 1#	/
Bottom Side	10mm	1413/1732.6	RMC	0.532	0.310	0.19	20.88	22.00	0.689	Battery 2#	/
Bottom Side	10mm	1312/1712.4	RMC	0.520	0.303	-0.19	20.81	22.00	0.684	Battery 2#	/
Bottom Side	10mm	1513/1752.6	RMC	0.538	0.312	-0.09	20.79	22.00	0.711	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Top Side	10mm	1513/1752.6	RMC	0.261	0.134	0.05	19.90	21.00	0.336	Battery 1#	/
Top Side	10mm	1513/1752.6	RMC	0.257	0.133	0.02	19.90	21.00	0.331	With SIM2	/
Main Antenna											
Bottom Side	10mm	1513/1752.6	RMC	**0.644**	0.361	0.01	20.79	22.00	**0.851**	Battery 2#	Yes
Bottom Side	10mm	1513/1752.6	RMC	0.629	0.354	-0.04	20.79	22.00	0.831	With SIM2	/

Table 173: Hotspot SAR test results of UMTS Band IV

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Front Side	10mm	1413/1732.6	RMC	0.121	0.066	0.00	20.00	24.00	0.304	Yes
Back Side	10mm	1413/1732.6	RMC	0.136	0.075	-0.10	20.00	24.00	0.342	Yes
Left Side	10mm	1413/1732.6	RMC	0.029	0.017	-0.14	20.00	24.00	0.073	Yes
Top Side	10mm	1413/1732.6	RMC	0.261	0.138	0.17	20.00	24.00	0.656	Yes
Top Side	10mm	1413/1732.6	RMC	0.253	0.135	0.14	20.00	24.00	0.636	Yes
Top Side	10mm	1312/1712.4	RMC	0.261	0.139	0.16	20.02	24.00	0.653	Yes
Top Side	10mm	1513/1752.6	RMC	**0.271**	0.144	0.15	19.90	24.00	0.697	Yes
Main Antenna										
Front Side	10mm	1413/1732.6	RMC	0.359	0.212	0.01	20.88	25.00	0.927	Yes
Back Side	10mm	1413/1732.6	RMC	0.339	0.190	-0.12	20.88	25.00	0.875	Yes
Left Side	10mm	1413/1732.6	RMC	0.078	0.045	0.07	20.88	25.00	0.202	Yes
Right Side	10mm	1413/1732.6	RMC	0.147	0.082	0.10	20.88	25.00	0.380	Yes
Bottom Side	10mm	1413/1732.6	RMC	0.479	0.278	0.17	20.88	25.00	1.237	No
Bottom Side	10mm	1413/1732.6	RMC	0.532	0.310	0.19	20.88	25.00	1.374	No
Bottom Side	10mm	1312/1712.4	RMC	0.520	0.303	-0.19	20.81	25.00	1.365	No
Bottom Side	10mm	1513/1752.6	RMC	0.538	0.312	-0.09	20.79	25.00	1.418	No
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Top Side	10mm	1513/1752.6	RMC	0.261	0.134	0.05	19.90	24.00	0.697	Yes
Top Side	10mm	1513/1752.6	RMC	0.257	0.133	0.02	19.90	24.00	0.697	Yes
Main Antenna										
Bottom Side	10mm	1513/1752.6	RMC	**0.644**	0.361	0.01	20.79	25.00	1.698	No
Bottom Side	10mm	1513/1752.6	RMC	0.629	0.354	-0.04	20.79	25.00	1.658	No

Table 174: Product Specific 10-g SAR test reduction evaluation of UMTS Band IV

Note: According to the table above, only Bottom side is required for Product Specific 10-g SAR test in this frequency band.

Product Specific 10-g SAR	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 10-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Main Antenna											
Bottom Side	0mm	1413/1732.6	RMC	4.270	1.800	0.01	22.48	23.50	2.277	Battery 1#	/
Bottom Side	0mm	1312/1712.4	RMC	4.390	1.860	0.04	22.50	23.50	2.342	Battery 1#	/
Bottom Side	0mm	1513/1752.6	RMC	4.160	1.750	0.03	22.35	23.50	2.281	Battery 1#	/
Bottom Side	0mm	1312/1712.4	RMC	4.250	1.830	-0.17	22.50	23.50	2.304	Battery 2#	/
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	7mm	1413/1732.6	RMC	1.680	0.933	-0.15	23.98	25.00	1.180	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Main Antenna											
Bottom Side	0mm	1312/1712.4	RMC	5.030	2.080	-0.07	22.50	23.50	2.619	Battery 1#	/
Bottom Side	0mm	1312/1712.4	RMC	5.130	**2.090**	-0.10	22.50	23.50	**2.631**	With SIM2	Yes
Bottom Side repeat	0mm	1312/1712.4	RMC	4.850	2.000	-0.11	22.50	23.50	2.518	With SIM2	/

Table 175: Product Specific 10-g SAR test results of UMTS Band IV

7.2.5 SAR measurement Results of UMTS Band V

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	4182/836.4	RMC	0.298	0.148	0.00	17.65	18.50	0.362	Battery 1#	/
Left tilt	4182/836.4	RMC	0.283	0.138	0.08	17.65	18.50	0.344	Battery 1#	/
Right cheek	4182/836.4	RMC	0.327	0.176	0.02	17.65	18.50	0.398	Battery 1#	/
Right tilt	4182/836.4	RMC	**0.346**	0.167	-0.02	17.65	18.50	**0.421**	Battery 1#	Yes
Right tilt	4182/836.4	RMC	0.309	0.153	-0.03	17.65	18.50	0.376	Battery 2#	/
Right tilt	4132/826.4	RMC	0.326	0.159	0.00	17.61	18.50	0.400	Battery 1#	/
Right tilt	4233/846.6	RMC	0.256	0.126	0.00	17.56	18.50	0.318	Battery 1#	/
Main Antenna										
Left cheek	4182/836.4	RMC	0.105	0.081	0.11	23.52	25.00	0.148	Battery 1#	/
Left tilt	4182/836.4	RMC	0.072	0.054	0.18	23.52	25.00	0.101	Battery 1#	/
Right cheek	4182/836.4	RMC	0.143	0.110	-0.06	23.52	25.00	0.201	Battery 1#	/
Right tilt	4182/836.4	RMC	0.059	0.041	0.01	23.52	25.00	0.084	Battery 1#	/
Right cheek	4182/836.4	RMC	0.150	0.115	0.18	23.52	25.00	0.211	Battery 2#	/
Right cheek	4132/826.4	RMC	0.144	0.111	0.14	23.70	25.00	0.194	Battery 2#	/
Right cheek	4233/846.6	RMC	**0.155**	0.119	0.04	23.40	25.00	**0.224**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	4182/836.4	RMC	0.335	0.167	0.01	17.65	18.50	0.407	Battery 1#	/
Right tilt	4182/836.4	RMC	0.331	0.164	0.02	17.65	18.50	0.403	With SIM2	/
Main Antenna										
Right cheek	4233/846.6	RMC	0.144	0.112	-0.05	23.40	25.00	0.208	Battery 2#	/
Right cheek	4233/846.6	RMC	0.121	0.095	-0.03	23.40	25.00	0.175	With SIM2	/

Table 176: Head SAR test results of UMTS Band V

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	4182/836.4	RMC	0.239	0.159	-0.14	23.54	24.50	0.298	Battery 1#	/
Back Side	15mm	4182/836.4	RMC	**0.245**	0.166	-0.04	23.54	24.50	**0.306**	Battery 1#	Yes
Back Side	15mm	4182/836.4	RMC	0.237	0.160	-0.04	23.54	24.50	0.296	Battery 2#	/
Back Side	15mm	4132/826.4	RMC	0.223	0.152	-0.04	23.60	24.50	0.274	Battery 1#	/
Back Side	15mm	4233/846.6	RMC	0.211	0.143	-0.02	23.37	24.50	0.274	Battery 1#	/
Main Antenna											
Front Side	15mm	4182/836.4	RMC	0.198	0.135	-0.19	23.52	25.00	0.278	Battery 1#	/
Back Side	15mm	4182/836.4	RMC	0.258	0.183	-0.16	23.52	25.00	0.363	Battery 1#	/
Back Side	15mm	4182/836.4	RMC	0.259	0.183	-0.04	23.52	25.00	0.364	Battery 2#	/
Back Side	15mm	4132/826.4	RMC	0.252	0.179	-0.02	23.70	25.00	0.340	Battery 2#	/
Back Side	15mm	4233/846.6	RMC	**0.263**	0.185	-0.12	23.40	25.00	**0.380**	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	4182/836.4	RMC	0.242	0.164	-0.02	23.54	24.50	0.302	Battery 1#	/
Back Side	15mm	4182/836.4	RMC	0.216	0.147	-0.01	23.54	24.50	0.269	With SIM2	/
Main Antenna											
Back Side	15mm	4233/846.6	RMC	**0.270**	0.190	-0.17	23.40	25.00	**0.390**	Battery 2#	Yes
Back Side	15mm	4233/846.6	RMC	0.261	0.184	-0.03	23.40	25.00	0.377	With SIM2	/

Table 177: Body Worn SAR test results of UMTS Band V

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	4182/836.4	RMC	0.489	0.269	-0.01	23.54	24.50	0.610	Battery 1#	/
Back Side	10mm	4182/836.4	RMC	0.546	0.301	-0.02	23.54	24.50	0.681	Battery 1#	/
Left Side	10mm	4182/836.4	RMC	0.199	0.131	-0.02	23.54	24.50	0.248	Battery 1#	/
Top Side	10mm	4182/836.4	RMC	0.361	0.171	0.08	23.54	24.50	0.450	Battery 1#	/
Back Side	10mm	4182/836.4	RMC	**0.560**	0.309	-0.02	23.54	24.50	0.699	Battery 2#	Yes
Back Side	10mm	4132/826.4	RMC	0.519	0.286	-0.03	23.60	24.50	0.639	Battery 2#	/
Back Side	10mm	4233/846.6	RMC	0.553	0.306	-0.15	23.37	24.50	**0.717**	Battery 2#	/
Main Antenna											
Front Side	10mm	4182/836.4	RMC	0.317	0.214	-0.19	23.52	25.00	0.446	Battery 1#	/
Back Side	10mm	4182/836.4	RMC	**0.464**	0.312	-0.19	23.52	25.00	**0.652**	Battery 1#	Yes
Left Side	10mm	4182/836.4	RMC	0.263	0.147	-0.03	23.52	25.00	0.370	Battery 1#	/
Right Side	10mm	4182/836.4	RMC	0.140	0.094	-0.05	23.52	25.00	0.197	Battery 1#	/
Bottom Side	10mm	4182/836.4	RMC	0.240	0.156	-0.05	23.52	25.00	0.337	Battery 1#	/
Back Side	10mm	4182/836.4	RMC	0.446	0.303	0.00	23.52	25.00	0.627	Battery 2#	/
Back Side	10mm	4132/826.4	RMC	0.420	0.287	-0.01	23.70	25.00	0.567	Battery 1#	/
Back Side	10mm	4233/846.6	RMC	0.449	0.304	-0.03	23.40	25.00	0.649	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	10mm	4233/846.6	RMC	0.446	0.247	-0.05	23.37	24.50	0.579	Battery 2#	/
Back Side	10mm	4233/846.6	RMC	0.419	0.233	-0.06	23.37	24.50	0.544	With SIM2	/
Main Antenna											
Back Side	10mm	4182/836.4	RMC	0.428	0.292	0.00	23.52	25.00	0.602	Battery 1#	/
Back Side	10mm	4182/836.4	RMC	0.413	0.283	-0.03	23.52	25.00	0.581	With SIM2	/

Table 178: Hotspot SAR test results of UMTS Band V

Note: Per KDB 648474 D04, Product Specific 10-g SAR test is not required for this frequency band since hotspot mode 1-g reported SAR < 1.2 W/kg.

7.2.6 SAR measurement Results of LTE Band 2

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	18700/1860	20M QPSK 1RB#0	0.207	0.103	0.17	17.22	18.00	0.248	Battery 1#	/
Left tilt	18700/1860	20M QPSK 1RB#0	0.352	0.165	-0.05	17.22	18.00	0.421	Battery 1#	/
Right cheek	18700/1860	20M QPSK 1RB#0	0.304	0.147	0.04	17.22	18.00	0.364	Battery 1#	/
Right tilt	18700/1860	20M QPSK 1RB#0	0.425	0.202	0.02	17.22	18.00	0.509	Battery 1#	/
Left cheek	19100/1900	20M QPSK 50%RB#50	0.218	0.107	-0.09	16.97	18.00	0.276	Battery 1#	/
Left tilt	19100/1900	20M QPSK 50%RB#50	0.352	0.165	0.18	16.97	18.00	0.446	Battery 1#	/
Right cheek	19100/1900	20M QPSK 50%RB#50	0.269	0.130	0.17	16.97	18.00	0.341	Battery 1#	/
Right tilt	19100/1900	20M QPSK 50%RB#50	0.396	0.144	0.13	16.97	18.00	0.502	Battery 1#	/
Right tilt	18700/1860	20M QPSK 1RB#0	0.424	0.202	0.13	17.22	18.00	0.507	Battery 2#	/
Right tilt	18900/1880	20M QPSK 1RB#0	0.405	0.199	0.16	17.09	18.00	0.499	Battery 1#	/
Right tilt	19100/1900	20M QPSK 1RB#50	**0.453**	0.148	0.12	16.95	18.00	**0.577**	Battery 1#	Yes
Main Antenna										
Left cheek	18700/1860	20M QPSK 1RB#99	0.137	0.078	0.14	23.33	24.50	0.179	Battery 1#	/
Left tilt	18700/1860	20M QPSK 1RB#99	0.086	0.050	0.05	23.33	24.50	0.112	Battery 1#	/
Right cheek	18700/1860	20M QPSK 1RB#99	**0.210**	0.131	0.13	23.33	24.50	**0.275**	Battery 1#	Yes
Right tilt	18700/1860	20M QPSK 1RB#99	0.078	0.043	0.10	23.33	24.50	0.101	Battery 1#	/
Left cheek	18700/1860	20M QPSK 50%RB#0	0.111	0.063	0.03	22.34	23.50	0.145	Battery 1#	/
Left tilt	18700/1860	20M QPSK 50%RB#0	0.066	0.037	0.19	22.34	23.50	0.087	Battery 1#	/
Right cheek	18700/1860	20M QPSK 50%RB#0	0.171	0.097	0.13	22.34	23.50	0.223	Battery 1#	/
Right tilt	18700/1860	20M QPSK 50%RB#0	0.066	0.036	0.16	22.34	23.50	0.086	Battery 1#	/
Right cheek	18700/1860	20M QPSK 1RB#99	0.178	0.109	0.00	23.33	24.50	0.233	Battery 2#	/
Right cheek	18900/1880	20M QPSK 1RB#0	0.163	0.100	0.13	23.08	24.50	0.226	Battery 1#	/
Right cheek	19100/1900	20M QPSK 1RB#0	0.175	0.110	-0.10	23.24	24.50	0.234	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	19100/1900	20M QPSK 1RB#50	0.321	0.152	0.17	16.95	18.00	0.409	Battery 1#	/
Right tilt	19100/1900	20M QPSK 1RB#50	0.318	0.151	0.16	16.95	18.00	0.405	With SIM2	/
Main Antenna										
Right cheek	18700/1860	20M QPSK 1RB#99	0.203	0.125	0.15	23.33	24.50	0.266	Battery 1#	/
Right cheek	18700/1860	20M QPSK 1RB#99	0.178	0.111	0.07	23.33	24.50	0.233	With SIM2	/

Table 179: Head SAR test results of LTE Band 2

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	18700/1860	20M QPSK 1RB#0	0.079	0.043	-0.09	22.33	23.00	0.092	Battery 1#	/
Back Side	15mm	18700/1860	20M QPSK 1RB#0	0.111	0.070	0.12	22.33	23.00	0.130	Battery 1#	/
Front Side	15mm	18700/1860	20M QPSK 50%RB#25	0.074	0.040	0.14	21.56	22.50	0.092	Battery 1#	/
Back Side	15mm	18700/1860	20M QPSK 50%RB#25	0.081	0.046	0.12	21.56	22.50	0.101	Battery 1#	/
Back Side	15mm	18700/1860	20M QPSK 1RB#0	0.106	0.067	-0.16	22.33	23.00	0.124	Battery 2#	/
Back Side	15mm	18900/1880	20M QPSK 1RB#99	0.088	0.051	0.03	21.96	23.00	0.112	Battery 1#	/
Back Side	15mm	19100/1900	20M QPSK 1RB#50	0.104	0.065	-0.08	22.17	23.00	0.126	Battery 1#	/
Main Antenna											
Front Side	15mm	18700/1860	20M QPSK 1RB#99	0.216	0.137	-0.08	23.33	24.50	0.283	Battery 1#	/
Back Side	15mm	18700/1860	20M QPSK 1RB#99	0.250	0.170	-0.05	23.33	24.50	0.327	Battery 1#	/
Front Side	15mm	18700/1860	20M QPSK 50%RB#0	0.164	0.094	-0.14	22.34	23.50	0.214	Battery 1#	/
Back Side	15mm	18700/1860	20M QPSK 50%RB#0	0.190	0.116	-0.07	22.34	23.50	0.248	Battery 1#	/
Back Side	15mm	18700/1860	20M QPSK 1RB#99	0.281	0.188	-0.05	23.33	24.50	0.368	Battery 2#	/
Back Side	15mm	18900/1880	20M QPSK 1RB#0	0.327	0.218	-0.08	23.08	24.50	0.453	Battery 2#	/
Back Side	15mm	19100/1900	20M QPSK 1RB#0	0.334	0.221	-0.09	23.24	24.50	0.446	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	18700/1860	20M QPSK 1RB#0	**0.116**	0.077	0.09	22.33	23.00	**0.135**	Battery 1#	Yes
Back Side	15mm	18700/1860	20M QPSK 1RB#0	0.108	0.071	0.05	22.33	23.00	0.126	With SIM2	/
Main Antenna											
Back Side	15mm	18900/1880	20M QPSK 1RB#0	0.341	0.233	-0.17	23.08	24.50	0.473	Battery 2#	/
Back Side	15mm	18900/1880	20M QPSK 1RB#0	**0.369**	0.244	-0.13	23.08	24.50	**0.512**	With SIM2	Yes

Table 180: Body Worn SAR test results of LTE Band 2

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	18900/1880	20M QPSK 1RB#99	0.094	0.050	0.01	19.21	20.00	0.113	Battery 1#	/
Back Side	10mm	18900/1880	20M QPSK 1RB#99	0.105	0.063	0.10	19.21	20.00	0.126	Battery 1#	/
Left Side	10mm	18900/1880	20M QPSK 1RB#99	0.048	0.027	0.03	19.21	20.00	0.058	Battery 1#	/
Top Side	10mm	18900/1880	20M QPSK 1RB#99	0.236	0.128	-0.09	19.21	20.00	0.283	Battery 1#	/
Front Side	10mm	18700/1860	20M QPSK 50%RB#25	0.097	0.050	0.01	19.17	20.00	0.118	Battery 1#	/
Back Side	10mm	18700/1860	20M QPSK 50%RB#25	0.096	0.053	0.16	19.17	20.00	0.117	Battery 1#	/
Left Side	10mm	18700/1860	20M QPSK 50%RB#25	0.023	0.013	0.08	19.17	20.00	0.028	Battery 1#	/
Top Side	10mm	18700/1860	20M QPSK 50%RB#25	0.212	0.106	-0.14	19.17	20.00	0.257	Battery 1#	/
Top Side	10mm	18900/1880	20M QPSK 1RB#99	0.201	0.102	-0.01	19.21	20.00	0.241	Battery 2#	/
Top Side	10mm	18700/1860	20M QPSK 1RB#0	0.192	0.098	-0.07	19.01	20.00	0.241	Battery 1#	/
Top Side	10mm	19100/1900	20M QPSK 1RB#99	0.244	0.133	0.11	19.17	20.00	0.295	Battery 1#	/
Main Antenna											
Front Side	10mm	18700/1860	20M QPSK 1RB#50	0.165	0.099	-0.02	20.42	21.50	0.212	Battery 1#	/
Back Side	10mm	18700/1860	20M QPSK 1RB#50	0.181	0.112	-0.05	20.42	21.50	0.232	Battery 1#	/
Left Side	10mm	18700/1860	20M QPSK 1RB#50	0.051	0.030	-0.10	20.42	21.50	0.065	Battery 1#	/
Right Side	10mm	18700/1860	20M QPSK 1RB#50	0.089	0.050	-0.09	20.42	21.50	0.113	Battery 1#	/
Bottom Side	10mm	18700/1860	20M QPSK 1RB#50	0.431	0.251	-0.19	20.42	21.50	0.553	Battery 1#	/
Front Side	10mm	18700/1860	20M QPSK 50%RB#25	0.168	0.100	-0.01	20.36	21.50	0.218	Battery 1#	/
Back Side	10mm	18700/1860	20M QPSK 50%RB#25	0.167	0.101	-0.04	20.36	21.50	0.217	Battery 1#	/
Left Side	10mm	18700/1860	20M QPSK 50%RB#25	0.053	0.033	-0.09	20.36	21.50	0.069	Battery 1#	/
Right Side	10mm	18700/1860	20M QPSK 50%RB#25	0.087	0.049	-0.07	20.36	21.50	0.113	Battery 1#	/
Bottom Side	10mm	18700/1860	20M QPSK 50%RB#25	0.418	0.221	-0.13	20.36	21.50	0.543	Battery 1#	/
Bottom Side	10mm	18700/1860	20M QPSK 1RB#50	0.428	0.249	-0.06	20.42	21.50	0.549	Battery 2#	/
Bottom Side	10mm	18900/1880	20M QPSK 1RB#99	0.456	0.264	-0.13	20.35	21.50	0.594	Battery 1#	/
Bottom Side	10mm	19100/1900	20M QPSK 1RB#0	0.455	0.263	0.02	20.31	21.50	0.598	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Top Side	10mm	19100/1900	20M QPSK 1RB#99	**0.293**	0.167	-0.12	19.17	20.00	**0.355**	Battery 1#	Yes
Top Side	10mm	19100/1900	20M QPSK 1RB#99	0.246	0.137	0.10	19.17	20.00	0.298	With SIM2	/
Main Antenna											
Bottom Side	10mm	19100/1900	20M QPSK 1RB#0	**0.511**	0.297	0.01	20.31	21.50	**0.672**	Battery 1#	Yes
Bottom Side	10mm	19100/1900	20M QPSK 1RB#0	0.486	0.284	-0.14	20.31	21.50	0.639	With SIM2	/

Table 181: Hotspot SAR test results of LTE Band 2

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Front Side	10mm	18900/1880	20M QPSK 1RB#99	0.094	0.050	0.01	19.21	23.00	0.225	Yes
Back Side	10mm	18900/1880	20M QPSK 1RB#99	0.105	0.063	0.10	19.21	23.00	0.251	Yes
Left Side	10mm	18900/1880	20M QPSK 1RB#99	0.048	0.027	0.03	19.21	23.00	0.115	Yes
Top Side	10mm	18900/1880	20M QPSK 1RB#99	0.236	0.128	-0.09	19.21	23.00	0.565	Yes
Front Side	10mm	18700/1860	20M QPSK 50%RB#25	0.097	0.050	0.01	19.17	22.50	0.209	Yes
Back Side	10mm	18700/1860	20M QPSK 50%RB#25	0.096	0.053	0.16	19.17	22.50	0.208	Yes
Left Side	10mm	18700/1860	20M QPSK 50%RB#25	0.023	0.013	0.08	19.17	22.50	0.049	Yes
Top Side	10mm	18700/1860	20M QPSK 50%RB#25	0.212	0.106	-0.14	19.17	22.50	0.456	Yes
Top Side	10mm	18900/1880	20M QPSK 1RB#99	0.201	0.102	-0.01	19.21	23.00	0.481	Yes
Top Side	10mm	18700/1860	20M QPSK 1RB#0	0.192	0.098	-0.07	19.01	23.00	0.481	Yes
Top Side	10mm	19100/1900	20M QPSK 1RB#99	0.244	0.133	0.11	19.17	23.00	0.589	Yes
Main Antenna										
Front Side	10mm	18700/1860	20M QPSK 1RB#50	0.165	0.099	-0.02	20.42	24.50	0.422	Yes
Back Side	10mm	18700/1860	20M QPSK 1RB#50	0.181	0.112	-0.05	20.42	24.50	0.463	Yes
Left Side	10mm	18700/1860	20M QPSK 1RB#50	0.051	0.030	-0.10	20.42	24.50	0.130	Yes
Right Side	10mm	18700/1860	20M QPSK 1RB#50	0.089	0.050	-0.09	20.42	24.50	0.226	Yes
Bottom Side	10mm	18700/1860	20M QPSK 1RB#50	0.431	0.251	-0.19	20.42	24.50	1.103	Yes
Front Side	10mm	18700/1860	20M QPSK 50%RB#25	0.168	0.100	-0.01	20.36	23.50	0.346	Yes
Back Side	10mm	18700/1860	20M QPSK 50%RB#25	0.167	0.101	-0.04	20.36	23.50	0.344	Yes
Left Side	10mm	18700/1860	20M QPSK 50%RB#25	0.053	0.033	-0.09	20.36	23.50	0.109	Yes
Right Side	10mm	18700/1860	20M QPSK 50%RB#25	0.087	0.049	-0.07	20.36	23.50	0.179	Yes
Bottom Side	10mm	18700/1860	20M QPSK 50%RB#25	0.418	0.221	-0.13	20.36	23.50	0.861	Yes
Bottom Side	10mm	18700/1860	20M QPSK 1RB#50	0.428	0.249	-0.06	20.42	24.50	1.095	Yes
Bottom Side	10mm	18900/1880	20M QPSK 1RB#99	0.456	0.264	-0.13	20.35	24.50	1.186	Yes
Bottom Side	10mm	19100/1900	20M QPSK 1RB#0	0.455	0.263	0.02	20.31	24.50	1.194	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Top Side	10mm	19100/1900	20M QPSK 1RB#99	**0.293**	0.167	-0.12	19.17	23.00	0.708	Yes
Top Side	10mm	19100/1900	20M QPSK 1RB#99	0.246	0.137	0.10	19.17	23.00	0.594	Yes
Main Antenna										
Bottom Side	10mm	19100/1900	20M QPSK 1RB#0	**0.511**	0.297	0.01	20.31	24.50	1.341	No
Bottom Side	10mm	19100/1900	20M QPSK 1RB#0	0.486	0.284	-0.14	20.31	24.50	1.275	No

Table 182: Product Specific 10-g SAR test reduction evaluation of LTE Band 2

Note: According to the table above, only Bottom side is required for Product Specific 10-g SAR test in this frequency band.

Product Specific 10-g SAR	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 10-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Test data of VOG-L29											
Main Antenna											
Bottom Side	0mm	18700/1860	20M QPSK 1RB#99	5.040	**2.150**	-0.18	22.44	23.50	2.744	Battery 1#	Yes
Bottom Side	0mm	18900/1880	20M QPSK 1RB#50	4.530	1.810	-0.13	22.14	23.50	2.476	Battery 1#	/
Bottom Side	0mm	19100/1900	20M QPSK 1RB#99	4.680	1.840	-0.18	22.22	23.50	2.471	Battery 1#	/
Bottom Side	0mm	18700/1860	20M QPSK 50%RB#50	4.790	1.940	0.17	22.34	23.50	2.534	Battery 1#	/
Bottom Side	0mm	18900/1880	20M QPSK 50%RB#25	4.740	1.910	0.15	22.02	23.50	2.686	Battery 1#	/
Bottom Side	0mm	19100/1900	20M QPSK 50%RB#50	5.000	2.080	0.11	21.97	23.50	**2.958**	Battery 1#	/
Bottom Side	0mm	18700/1860	20M QPSK 100%RB#0	4.710	1.910	0.10	22.12	23.50	2.624	Battery 1#	/
Bottom Side	0mm	19100/1900	20M QPSK 50%RB#50	4.990	2.050	0.16	21.97	23.50	2.916	Battery 2#	/
Bottom Side repeat	0mm	18700/1860	20M QPSK 1RB#99	4.590	1.920	0.10	22.44	23.50	2.451	Battery 1#	/
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	7mm	18700/1860	20M QPSK 1RB#99	1.560	0.766	-0.19	23.33	24.50	1.003	Battery 1#	/
Bottom Side	7mm	18700/1860	20M QPSK 50%RB#0	1.250	0.617	-0.11	22.34	23.50	0.806	Battery 1#	/

Table 183: Product Specific 10-g SAR test results of LTE Band 2

7.2.7 SAR measurement Results of LTE Band 4

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	20050/1720	20M QPSK 1RB#50	0.237	0.111	-0.09	16.62	17.50	0.290	Battery 1#	/
Left tilt	20050/1720	20M QPSK 1RB#50	0.318	0.144	0.08	16.62	17.50	0.389	Battery 1#	/
Right cheek	20050/1720	20M QPSK 1RB#50	0.248	0.118	-0.19	16.62	17.50	0.304	Battery 1#	/
Right tilt	20050/1720	20M QPSK 1RB#50	0.241	0.101	0.17	16.62	17.50	0.295	Battery 1#	/
Left cheek	20300/1745	20M QPSK 50%RB#25	0.251	0.117	0.14	16.51	17.50	0.315	Battery 1#	/
Left tilt	20300/1745	20M QPSK 50%RB#25	0.333	0.151	0.10	16.51	17.50	0.418	Battery 1#	/
Right cheek	20300/1745	20M QPSK 50%RB#25	0.264	0.126	0.07	16.51	17.50	0.332	Battery 1#	/
Right tilt	20300/1745	20M QPSK 50%RB#25	0.303	0.144	0.00	16.51	17.50	0.381	Battery 1#	/
Left tilt	20300/1745	20M QPSK 50%RB#25	0.330	0.150	0.06	16.51	17.50	0.414	Battery 2#	/
Left tilt	20050/1720	20M QPSK 50%RB#25	0.341	0.154	0.10	16.27	17.50	**0.453**	Battery 1#	/
Left tilt	20175/1732.5	20M QPSK 50%RB#25	**0.352**	0.158	0.12	16.42	17.50	0.451	Battery 1#	Yes
Main Antenna										
Left cheek	20050/1720	20M QPSK 1RB#50	0.218	0.141	-0.06	24.10	25.00	0.268	Battery 1#	/
Left tilt	20050/1720	20M QPSK 1RB#50	0.099	0.055	0.06	24.10	25.00	0.121	Battery 1#	/
Right cheek	20050/1720	20M QPSK 1RB#50	**0.219**	0.143	0.18	24.10	25.00	0.269	Battery 1#	Yes
Right tilt	20050/1720	20M QPSK 1RB#50	0.095	0.054	-0.04	24.10	25.00	0.117	Battery 1#	/
Left cheek	20050/1720	20M QPSK 50%RB#0	0.187	0.112	0.11	22.79	24.00	0.247	Battery 1#	/
Left tilt	20050/1720	20M QPSK 50%RB#0	0.087	0.048	0.08	22.79	24.00	0.115	Battery 1#	/
Right cheek	20050/1720	20M QPSK 50%RB#0	0.172	0.114	0.19	22.79	24.00	0.227	Battery 1#	/
Right tilt	20050/1720	20M QPSK 50%RB#0	0.079	0.045	0.11	22.79	24.00	0.104	Battery 1#	/
Right cheek	20050/1720	20M QPSK 1RB#50	0.215	0.141	0.19	24.10	25.00	0.265	Battery 2#	/
Right cheek	20175/1732.5	20M QPSK 1RB#50	0.208	0.138	0.05	23.88	25.00	0.269	Battery 1#	/
Right cheek	20300/1745	20M QPSK 1RB#50	0.219	0.142	0.11	24.07	25.00	**0.271**	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Left tilt	20050/1720	20M QPSK 50%RB#25	0.275	0.124	0.12	16.27	17.50	0.365	Battery 1#	/
Left tilt	20050/1720	20M QPSK 50%RB#25	0.257	0.116	0.01	16.27	17.50	0.341	Battery 1#	/
Main Antenna										
Right cheek	20300/1745	20M QPSK 1RB#50	0.174	0.113	0.06	24.07	25.00	0.216	Battery 1#	/
Right cheek	20300/1745	20M QPSK 1RB#50	0.175	0.114	0.16	24.07	25.00	0.217	Battery 1#	/

Table 184: Head SAR test results of LTE Band 4

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	20175/1732.5	20M QPSK 1RB#99	0.152	0.090	0.07	22.91	24.00	0.195	Battery 1#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#99	**0.175**	0.105	-0.01	22.91	24.00	**0.225**	Battery 1#	Yes
Front Side	15mm	20300/1745	20M QPSK 50%RB#0	0.119	0.067	0.15	21.84	23.00	0.155	Battery 1#	/
Back Side	15mm	20300/1745	20M QPSK 50%RB#0	0.133	0.073	0.01	21.84	23.00	0.174	Battery 1#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#99	0.142	0.085	-0.17	22.91	24.00	0.183	Battery 2#	/
Back Side	15mm	20050/1720	20M QPSK 1RB#99	0.148	0.089	-0.02	22.72	24.00	0.199	Battery 1#	/
Back Side	15mm	20300/1745	20M QPSK 1RB#0	0.166	0.100	0.06	22.79	24.00	0.219	Battery 1#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#99	0.111	0.068	0.06	22.91	24.00	0.143	Battery 1#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#99	0.111	0.068	0.06	22.91	24.00	0.143	with Protected Cover	/
Main Antenna											
Front Side	15mm	20050/1720	20M QPSK 1RB#50	0.379	0.220	0.00	24.10	25.00	0.466	Battery 1#	/
Back Side	15mm	20050/1720	20M QPSK 1RB#50	0.453	0.291	-0.01	24.10	25.00	0.557	Battery 1#	/
Front Side	15mm	20050/1720	20M QPSK 50%RB#0	0.263	0.158	0.09	22.79	24.00	0.348	Battery 1#	/
Back Side	15mm	20050/1720	20M QPSK 50%RB#0	0.308	0.194	0.00	22.79	24.00	0.407	Battery 1#	/
Back Side	15mm	20050/1720	20M QPSK 1RB#50	0.406	0.271	0.03	24.10	25.00	0.499	Battery 2#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#50	**0.495**	0.314	-0.08	23.88	25.00	**0.641**	Battery 1#	Yes
Back Side	15mm	20300/1745	20M QPSK 1RB#50	0.480	0.301	-0.08	24.07	25.00	0.595	Battery 1#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#50	0.338	0.212	0.00	23.88	25.00	0.437	with Protected Cover	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	20175/1732.5	20M QPSK 1RB#99	0.120	0.068	-0.10	22.91	24.00	0.154	Battery 1#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#99	0.130	0.074	-0.11	22.91	24.00	0.167	With SIM2	/
Main Antenna											
Back Side	15mm	20175/1732.5	20M QPSK 1RB#50	0.446	0.285	-0.10	23.88	25.00	0.577	Battery 1#	/
Back Side	15mm	20175/1732.5	20M QPSK 1RB#50	0.455	0.292	-0.05	23.88	25.00	0.589	With SIM2	/

Table 185: Body Worn SAR test results of LTE Band 4

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	20300/1745	20M QPSK 1RB#99	0.099	0.049	0.13	20.20	21.00	0.119	Battery 1#	/
Back Side	10mm	20300/1745	20M QPSK 1RB#99	0.156	0.082	-0.04	20.20	21.00	0.188	Battery 1#	/
Left Side	10mm	20300/1745	20M QPSK 1RB#99	0.036	0.022	-0.02	20.20	21.00	0.043	Battery 1#	/
Top Side	10mm	20300/1745	20M QPSK 1RB#99	**0.380**	0.203	0.14	20.20	21.00	0.457	Battery 1#	Yes
Front Side	10mm	20300/1745	20M QPSK 50%RB#25	0.169	0.089	0.13	20.04	21.00	0.211	Battery 1#	/
Back Side	10mm	20300/1745	20M QPSK 50%RB#25	0.170	0.095	-0.11	20.04	21.00	0.212	Battery 1#	/
Left Side	10mm	20300/1745	20M QPSK 50%RB#25	0.038	0.022	-0.09	20.04	21.00	0.048	Battery 1#	/
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.376	0.203	0.10	20.04	21.00	**0.469**	Battery 1#	/
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.364	0.195	0.11	20.04	21.00	0.454	Battery 2#	/
Top Side	10mm	20050/1720	20M QPSK 50%RB#0	0.350	0.188	0.14	19.92	21.00	0.449	Battery 1#	/
Top Side	10mm	20175/1732.5	20M QPSK 50%RB#0	0.355	0.190	0.17	19.83	21.00	0.465	Battery 1#	/
Main Antenna											
Front Side	10mm	20300/1745	20M QPSK 1RB#0	0.318	0.189	0.08	20.73	21.50	0.380	Battery 1#	/
Back Side	10mm	20300/1745	20M QPSK 1RB#0	0.384	0.223	0.14	20.73	21.50	0.458	Battery 1#	/
Left Side	10mm	20300/1745	20M QPSK 1RB#0	0.089	0.051	-0.07	20.73	21.50	0.106	Battery 1#	/
Right Side	10mm	20300/1745	20M QPSK 1RB#0	0.153	0.085	-0.19	20.73	21.50	0.183	Battery 1#	/
Bottom Side	10mm	20300/1745	20M QPSK 1RB#0	**0.598**	0.347	-0.17	20.73	21.50	0.714	Battery 1#	Yes
Front Side	10mm	20050/1720	20M QPSK 50%RB#50	0.328	0.196	-0.17	20.43	21.50	0.420	Battery 1#	/
Back Side	10mm	20050/1720	20M QPSK 50%RB#50	0.352	0.206	-0.02	20.43	21.50	0.450	Battery 1#	/
Left Side	10mm	20050/1720	20M QPSK 50%RB#50	0.083	0.048	0.04	20.43	21.50	0.106	Battery 1#	/
Right Side	10mm	20050/1720	20M QPSK 50%RB#50	0.142	0.079	-0.14	20.43	21.50	0.182	Battery 1#	/
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.580	0.335	0.02	20.43	21.50	**0.742**	Battery 1#	/
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.564	0.326	-0.03	20.43	21.50	0.722	Battery 2#	/
Bottom Side	10mm	20175/1732.5	20M QPSK 50%RB#50	0.563	0.327	0.05	20.37	21.50	0.730	Battery 1#	/
Bottom Side	10mm	20300/1745	20M QPSK 50%RB#50	0.546	0.306	-0.15	20.38	21.50	0.707	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.299	0.153	0.01	20.04	21.00	0.373	Battery 1#	/
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.277	0.141	-0.08	20.04	21.00	0.346	With SIM2	/
Main Antenna											
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.571	0.318	-0.07	20.43	21.50	0.731	Battery 1#	/
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.559	0.314	-0.04	20.43	21.50	0.715	With SIM2	/

Table 186: Hotspot SAR test results of LTE Band 4

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Front Side	10mm	20300/1745	20M QPSK 1RB#99	0.099	0.049	0.13	20.20	24.00	0.238	Yes
Back Side	10mm	20300/1745	20M QPSK 1RB#99	0.156	0.082	-0.04	20.20	24.00	0.374	Yes
Left Side	10mm	20300/1745	20M QPSK 1RB#99	0.036	0.022	-0.02	20.20	24.00	0.086	Yes
Top Side	10mm	20300/1745	20M QPSK 1RB#99	**0.380**	0.203	0.14	20.20	24.00	0.912	Yes
Front Side	10mm	20300/1745	20M QPSK 50%RB#25	0.169	0.089	0.13	20.04	23.00	0.334	Yes
Back Side	10mm	20300/1745	20M QPSK 50%RB#25	0.170	0.095	-0.11	20.04	23.00	0.336	Yes
Left Side	10mm	20300/1745	20M QPSK 50%RB#25	0.038	0.022	-0.09	20.04	23.00	0.076	Yes
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.376	0.203	0.10	20.04	23.00	0.743	Yes
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.364	0.195	0.11	20.04	23.00	0.720	Yes
Top Side	10mm	20050/1720	20M QPSK 50%RB#0	0.350	0.188	0.14	19.92	23.00	0.711	Yes
Top Side	10mm	20175/1732.5	20M QPSK 50%RB#0	0.355	0.190	0.17	19.83	23.00	0.737	Yes
Main Antenna										
Front Side	10mm	20300/1745	20M QPSK 1RB#0	0.318	0.189	0.08	20.73	25.00	0.850	Yes
Back Side	10mm	20300/1745	20M QPSK 1RB#0	0.384	0.223	0.14	20.73	25.00	1.026	Yes
Left Side	10mm	20300/1745	20M QPSK 1RB#0	0.089	0.051	-0.07	20.73	25.00	0.237	Yes
Right Side	10mm	20300/1745	20M QPSK 1RB#0	0.153	0.085	-0.19	20.73	25.00	0.409	Yes
Bottom Side	10mm	20300/1745	20M QPSK 1RB#0	**0.598**	0.347	-0.17	20.73	25.00	1.598	No
Front Side	10mm	20050/1720	20M QPSK 50%RB#50	0.328	0.196	-0.17	20.43	24.00	0.746	Yes
Back Side	10mm	20050/1720	20M QPSK 50%RB#50	0.352	0.206	-0.02	20.43	24.00	0.801	Yes
Left Side	10mm	20050/1720	20M QPSK 50%RB#50	0.083	0.048	0.04	20.43	24.00	0.189	Yes
Right Side	10mm	20050/1720	20M QPSK 50%RB#50	0.142	0.079	-0.14	20.43	24.00	0.323	Yes
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.580	0.335	0.02	20.43	24.00	1.320	No
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.564	0.326	-0.03	20.43	24.00	1.283	No
Bottom Side	10mm	20175/1732.5	20M QPSK 50%RB#50	0.563	0.327	0.05	20.37	24.00	1.299	No
Bottom Side	10mm	20300/1745	20M QPSK 50%RB#50	0.546	0.306	-0.15	20.38	24.00	1.257	No
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.299	0.153	0.01	20.04	23.00	0.591	Yes
Top Side	10mm	20300/1745	20M QPSK 50%RB#25	0.277	0.141	-0.08	20.04	23.00	0.548	Yes
Main Antenna										
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.571	0.318	-0.07	20.43	24.00	1.299	No
Bottom Side	10mm	20050/1720	20M QPSK 50%RB#50	0.559	0.314	-0.04	20.43	24.00	1.272	No

Table 187: Product Specific 10-g SAR test reduction evaluation of LTE Band 4

Note: According to the table above, only Bottom side is required for Product Specific 10-g SAR test in this frequency band.

Product Specific 10-g SAR	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 10-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Main Antenna											
Bottom Side	0mm	20050/1720	20M QPSK 1RB#0	4.190	1.840	-0.14	22.05	23.00	2.290	Battery 1#	/
Bottom Side	0mm	20175/1732.5	20M QPSK 1RB#99	4.220	1.870	-0.14	22.04	23.00	2.333	Battery 1#	/
Bottom Side	0mm	20300/1745	20M QPSK 1RB#99	4.050	1.790	-0.14	21.98	23.00	2.264	Battery 1#	/
Bottom Side	0mm	20050/1720	20M QPSK 50%RB#0	4.230	1.840	-0.15	21.92	23.00	2.359	Battery 1#	/
Bottom Side	0mm	20175/1732.5	20M QPSK 50%RB#50	4.190	1.840	-0.13	21.82	23.00	2.414	Battery 1#	/
Bottom Side	0mm	20300/1745	20M QPSK 50%RB#50	4.010	1.770	0.14	21.91	23.00	2.275	Battery 1#	/
Bottom Side	0mm	20175/1732.5	20M QPSK 100%RB#0	4.310	**1.900**	0.14	21.80	23.00	**2.505**	Battery 1#	Yes
Bottom Side	0mm	20175/1732.5	20M QPSK 100%RB#0	4.180	1.850	-0.13	21.80	23.00	2.439	Battery 2#	/
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	7mm	20050/1720	20M QPSK 1RB#50	1.870	1.030	0.03	24.10	25.00	1.267	Battery 1#	/
Bottom Side	7mm	20050/1720	20M QPSK 50%RB#0	1.480	0.824	-0.06	22.79	24.00	1.089	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Main Antenna											
Bottom Side	0mm	20175/1732.5	20M QPSK 100%RB#0	4.320	1.750	-0.12	21.80	23.00	2.307	Battery 1#	/
Bottom Side	0mm	20175/1732.5	20M QPSK 100%RB#0	4.410	1.810	-0.12	21.80	23.00	2.386	With SIM2	/

Table 188: Product Specific 10-g SAR test results of LTE Band 4

7.2.8 SAR measurement Results of LTE Band 5

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	20600/844	10M QPSK 1RB#49	0.303	0.152	0.08	17.94	18.50	0.345	Battery 1#	/
Left tilt	20600/844	10M QPSK 1RB#49	0.276	0.134	-0.11	17.94	18.50	0.314	Battery 1#	/
Right cheek	20600/844	10M QPSK 1RB#49	0.282	0.155	0.00	17.94	18.50	0.321	Battery 1#	/
Right tilt	20600/844	10M QPSK 1RB#49	0.268	0.117	0.01	17.94	18.50	0.305	Battery 1#	/
Left cheek	20600/844	10M QPSK 50%RB#25	**0.339**	0.166	0.15	17.86	18.50	**0.393**	Battery 1#	Yes
Left tilt	20600/844	10M QPSK 50%RB#25	0.272	0.132	0.00	17.86	18.50	0.315	Battery 1#	/
Right cheek	20600/844	10M QPSK 50%RB#25	0.301	0.164	-0.03	17.86	18.50	0.349	Battery 1#	/
Right tilt	20600/844	10M QPSK 50%RB#25	0.273	0.135	-0.05	17.86	18.50	0.316	Battery 1#	/
Left cheek	20600/844	10M QPSK 50%RB#25	0.337	0.163	-0.19	17.86	18.50	0.391	Battery 2#	/
Left cheek	20450/829	10M QPSK 50%RB#0	0.301	0.150	-0.09	17.84	18.50	0.350	Battery 1#	/
Left cheek	20525/836.5	10M QPSK 50%RB#25	0.319	0.158	0.13	17.79	18.50	0.376	Battery 1#	/
Main Antenna										
Left cheek	20450/829	10M QPSK 1RB#25	0.113	0.078	-0.09	23.92	25.00	0.145	Battery 1#	/
Left tilt	20450/829	10M QPSK 1RB#25	0.084	0.057	-0.01	23.92	25.00	0.108	Battery 1#	/
Right cheek	20450/829	10M QPSK 1RB#25	0.146	0.114	0.10	23.92	25.00	0.187	Battery 1#	/
Right tilt	20450/829	10M QPSK 1RB#25	0.066	0.046	0.02	23.92	25.00	0.085	Battery 1#	/
Left cheek	20450/829	10M QPSK 50%RB#0	0.095	0.066	0.18	22.99	24.00	0.120	Battery 1#	/
Left tilt	20450/829	10M QPSK 50%RB#0	0.067	0.047	-0.03	22.99	24.00	0.085	Battery 1#	/
Right cheek	20450/829	10M QPSK 50%RB#0	0.110	0.086	-0.11	22.99	24.00	0.139	Battery 1#	/
Right tilt	20450/829	10M QPSK 50%RB#0	0.056	0.043	0.16	22.99	24.00	0.070	Battery 1#	/
Right cheek	20450/829	10M QPSK 1RB#25	0.152	0.118	0.03	23.92	25.00	0.195	Battery 2#	/
Right cheek	20525/836.5	10M QPSK 1RB#49	0.146	0.113	0.15	23.77	25.00	0.194	Battery 2#	/
Right cheek	20600/844	10M QPSK 1RB#0	**0.153**	0.118	0.10	23.68	25.00	**0.207**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Left cheek	20600/844	10M QPSK 50%RB#25	0.327	0.162	0.03	17.86	18.50	0.379	Battery 1#	/
Left cheek	20600/844	10M QPSK 50%RB#25	0.312	0.156	0.10	17.86	18.50	0.362	With SIM2	/
Main Antenna										
Right cheek	20600/844	10M QPSK 1RB#0	0.147	0.115	-0.02	23.68	25.00	0.199	Battery 2#	/
Right cheek	20600/844	10M QPSK 1RB#0	0.128	0.101	-0.06	23.68	25.00	0.173	With SIM2	/

Table 189: Head SAR test results of LTE Band 5

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	20450/829	10M QPSK 1RB#49	0.246	0.164	-0.01	23.81	24.50	0.288	Battery 1#	/
Back Side	15mm	20450/829	10M QPSK 1RB#49	0.246	0.149	-0.14	23.81	24.50	0.288	Battery 1#	/
Front Side	15mm	20450/829	10M QPSK 50%RB#0	0.185	0.123	-0.03	22.86	23.50	0.214	Battery 1#	/
Back Side	15mm	20450/829	10M QPSK 50%RB#0	0.169	0.114	-0.03	22.86	23.50	0.196	Battery 1#	/
Front Side	15mm	20450/829	10M QPSK 1RB#49	0.229	0.153	-0.06	23.81	24.50	0.268	Battery 2#	/
Front Side	15mm	20525/836.5	10M QPSK 1RB#49	**0.261**	0.171	-0.03	23.56	24.50	**0.324**	Battery 1#	Yes
Front Side	15mm	20600/844	10M QPSK 1RB#49	0.251	0.165	-0.02	23.53	24.50	0.314	Battery 1#	/
Main Antenna											
Front Side	15mm	20450/829	10M QPSK 1RB#25	0.217	0.148	-0.05	23.92	25.00	0.278	Battery 1#	/
Back Side	15mm	20450/829	10M QPSK 1RB#25	0.275	0.194	-0.01	23.92	25.00	0.353	Battery 1#	/
Front Side	15mm	20450/829	10M QPSK 50%RB#0	0.164	0.112	-0.05	22.99	24.00	0.207	Battery 1#	/
Back Side	15mm	20450/829	10M QPSK 50%RB#0	0.201	0.136	0.01	22.99	24.00	0.254	Battery 1#	/
Back Side	15mm	20450/829	10M QPSK 1RB#25	0.285	0.170	-0.15	23.92	25.00	0.365	Battery 2#	/
Back Side	15mm	20525/836.5	10M QPSK 1RB#49	0.271	0.190	-0.07	23.77	25.00	0.360	Battery 2#	/
Back Side	15mm	20600/844	10M QPSK 1RB#0	**0.292**	0.205	0.05	23.68	25.00	**0.396**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Front Side	15mm	20525/836.5	10M QPSK 1RB#49	0.241	0.160	-0.12	23.56	24.50	0.299	Battery 1#	/
Front Side	15mm	20525/836.5	10M QPSK 1RB#49	0.241	0.159	0.02	23.56	24.50	0.299	With SIM2	/
Main Antenna											
Back Side	15mm	20600/844	10M QPSK 1RB#0	0.283	0.198	0.16	23.68	25.00	0.384	Battery 2#	/
Back Side	15mm	20600/844	10M QPSK 1RB#0	0.283	0.199	-0.02	23.68	25.00	0.384	With SIM2	/

Table 190: Body Worn SAR test results of LTE Band 5

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	20450/829	10M QPSK 1RB#49	0.482	0.265	-0.01	23.81	24.50	0.565	Battery 1#	/
Back Side	10mm	20450/829	10M QPSK 1RB#49	0.464	0.258	-0.19	23.81	24.50	0.544	Battery 1#	/
Left Side	10mm	20450/829	10M QPSK 1RB#49	0.214	0.130	0.00	23.81	24.50	0.251	Battery 1#	/
Top Side	10mm	20450/829	10M QPSK 1RB#49	0.326	0.158	-0.10	23.81	24.50	0.382	Battery 1#	/
Front Side	10mm	20450/829	10M QPSK 50%RB#0	0.486	0.295	-0.01	22.86	23.50	0.563	Battery 1#	/
Back Side	10mm	20450/829	10M QPSK 50%RB#0	0.389	0.226	-0.04	22.86	23.50	0.451	Battery 1#	/
Left Side	10mm	20450/829	10M QPSK 50%RB#0	0.162	0.108	0.02	22.86	23.50	0.188	Battery 1#	/
Top Side	10mm	20450/829	10M QPSK 50%RB#0	0.217	0.106	0.07	22.86	23.50	0.251	Battery 1#	/
Front Side	10mm	20450/829	10M QPSK 1RB#49	0.549	0.297	0.00	23.81	24.50	0.644	Battery 2#	/
Front Side	10mm	20525/836.5	10M QPSK 1RB#49	0.544	0.295	-0.14	23.56	24.50	0.675	Battery 2#	/
Front Side	10mm	20600/844	10M QPSK 1RB#49	**0.572**	0.307	-0.12	23.53	24.50	**0.715**	Battery 2#	Yes
Main Antenna											
Front Side	10mm	20450/829	10M QPSK 1RB#25	0.368	0.221	-0.02	23.92	25.00	0.472	Battery 1#	/
Back Side	10mm	20450/829	10M QPSK 1RB#25	0.430	0.293	-0.19	23.92	25.00	0.551	Battery 1#	/
Left Side	10mm	20450/829	10M QPSK 1RB#25	0.255	0.133	-0.09	23.92	25.00	0.327	Battery 1#	/
Right Side	10mm	20450/829	10M QPSK 1RB#25	0.138	0.093	-0.05	23.92	25.00	0.177	Battery 1#	/
Bottom Side	10mm	20450/829	10M QPSK 1RB#25	0.286	0.175	-0.02	23.92	25.00	0.367	Battery 1#	/
Front Side	10mm	20450/829	10M QPSK 50%RB#0	0.239	0.163	0.00	22.99	24.00	0.302	Battery 1#	/
Back Side	10mm	20450/829	10M QPSK 50%RB#0	0.337	0.215	-0.02	22.99	24.00	0.425	Battery 1#	/
Left Side	10mm	20450/829	10M QPSK 50%RB#0	0.193	0.100	-0.04	22.99	24.00	0.244	Battery 1#	/
Right Side	10mm	20450/829	10M QPSK 50%RB#0	0.106	0.071	-0.04	22.99	24.00	0.134	Battery 1#	/
Bottom Side	10mm	20450/829	10M QPSK 50%RB#0	0.228	0.139	-0.02	22.99	24.00	0.288	Battery 1#	/
Back Side	10mm	20450/829	10M QPSK 1RB#25	0.433	0.294	0.06	23.92	25.00	0.555	Battery 2#	/
Back Side	10mm	20525/836.5	10M QPSK 1RB#49	0.410	0.279	0.17	23.77	25.00	0.544	Battery 2#	/
Back Side	10mm	20600/844	10M QPSK 1RB#0	0.432	0.292	-0.02	23.68	25.00	0.585	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Front Side	10mm	20600/844	10M QPSK 1RB#49	0.429	0.233	-0.17	23.53	24.50	0.536	Battery 2#	/
Front Side	10mm	20600/844	10M QPSK 1RB#49	0.462	0.250	0.03	23.53	24.50	0.578	With SIM2	/
Main Antenna											
Back Side	10mm	20600/844	10M QPSK 1RB#0	0.450	0.296	-0.01	23.68	25.00	0.610	Battery 2#	/
Back Side	10mm	20600/844	10M QPSK 1RB#0	**0.454**	0.310	-0.02	23.68	25.00	**0.615**	With SIM2	Yes

Table 191: Hotspot SAR test results of LTE Band 5

Note: Per KDB 648474 D04, Product Specific 10-g SAR test is not required for this frequency band since hotspot mode 1-g reported SAR < 1.2 W/kg.

7.2.9 SAR measurement Results of LTE Band 7

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
Second Antenna										
Left cheek	21350/2560	20M QPSK 1RB#50	0.159	0.079	0.06	15.18	15.50	0.171	Battery 1#	/
Left tilt	21350/2560	20M QPSK 1RB#50	0.158	0.078	0.07	15.18	15.50	0.170	Battery 1#	/
Right cheek	21350/2560	20M QPSK 1RB#50	0.254	0.117	0.16	15.18	15.50	0.273	Battery 1#	/
Right tilt	21350/2560	20M QPSK 1RB#50	0.379	0.165	-0.01	15.18	15.50	0.408	Battery 1#	/
Left cheek	21350/2560	20M QPSK 50%RB#0	0.135	0.068	-0.12	15.14	15.50	0.147	Battery 1#	/
Left tilt	21350/2560	20M QPSK 50%RB#0	0.166	0.081	0.08	15.14	15.50	0.180	Battery 1#	/
Right cheek	21350/2560	20M QPSK 50%RB#0	0.268	0.126	0.04	15.14	15.50	0.291	Battery 1#	/
Right tilt	21350/2560	20M QPSK 50%RB#0	0.339	0.147	0.01	15.14	15.50	0.368	Battery 1#	/
Right tilt	21350/2560	20M QPSK 1RB#50	0.348	0.151	0.14	15.18	15.50	0.375	Battery 2#	/
Right tilt	21350/2560	20M QPSK 1RB#50	0.363	0.158	0.18	15.18	15.50	0.391	With SIM2	/
Right tilt	20850/2510	20M QPSK 1RB#50	**0.424**	0.186	-0.09	15.17	15.50	**0.457**	Battery 1#	Yes
Right tilt	21100/2535	20M QPSK 1RB#99	0.395	0.172	-0.05	14.95	15.50	0.448	Battery 1#	/
Right tilt	21100/2535(PCC)	20M QPSK 1RB#0	0.343	0.156	0.05	14.61	15.50	0.421	Battery 1#	/
	20902/2515.2(SCC)	20M QPSK 1RB#99								
Main Antenna										
Left cheek	21350/2560	20M QPSK 1RB#50	0.105	0.059	0.12	24.13	24.50	0.114	Battery 1#	/
Left tilt	21350/2560	20M QPSK 1RB#50	0.083	0.040	-0.10	24.13	24.50	0.091	Battery 1#	/
Right cheek	21350/2560	20M QPSK 1RB#50	0.183	0.098	0.04	24.13	24.50	0.199	Battery 1#	/
Right tilt	21350/2560	20M QPSK 1RB#50	0.177	0.090	0.02	24.13	24.50	0.193	Battery 1#	/
Left cheek	21350/2560	20M QPSK 50%RB#50	0.078	0.040	0.04	22.83	23.50	0.091	Battery 1#	/
Left tilt	21350/2560	20M QPSK 50%RB#50	0.069	0.031	0.13	22.83	23.50	0.080	Battery 1#	/
Right cheek	21350/2560	20M QPSK 50%RB#50	0.147	0.079	-0.08	22.83	23.50	0.172	Battery 1#	/
Right tilt	21350/2560	20M QPSK 50%RB#50	0.027	0.012	0.05	22.83	23.50	0.031	Battery 1#	/
Right cheek	21350/2560	20M QPSK 1RB#50	0.177	0.096	0.18	24.13	24.50	0.193	Battery 2#	/
Right cheek	21350/2560	20M QPSK 1RB#50	0.175	0.094	0.13	24.13	24.50	0.191	With SIM2	/
Right cheek	20850/2510	20M QPSK 1RB#99	**0.195**	0.105	0.06	23.65	24.50	**0.237**	Battery 1#	Yes
Right cheek	21100/2535	20M QPSK 1RB#99	0.192	0.103	0.05	24.01	24.50	0.215	Battery 1#	/
Right cheek	21100/2535(PCC)	20M QPSK 1RB#99	0.162	0.090	0.11	23.52	24.50	0.203	Battery 1#	/
	21298/2554.8(SCC)	20M QPSK 1RB#0								

Table 192: Head SAR test results of LTE Band 7

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Second Antenna											
Front Side	15mm	21350/2560	20M QPSK 1RB#0	0.072	0.040	-0.13	20.14	20.50	0.078	Battery 1#	/
Back Side	15mm	21350/2560	20M QPSK 1RB#0	0.182	0.103	0.10	20.14	20.50	0.198	Battery 1#	/
Front Side	15mm	20850/2510	20M QPSK 50%RB#0	0.084	0.046	0.06	20.01	20.50	0.094	Battery 1#	/
Back Side	15mm	20850/2510	20M QPSK 50%RB#0	0.190	0.109	-0.02	20.01	20.50	0.213	Battery 1#	/
Back Side	15mm	20850/2510	20M QPSK 50%RB#0	0.154	0.079	0.12	20.01	20.50	0.172	Battery 2#	/
Back Side	15mm	20850/2510	20M QPSK 50%RB#0	**0.214**	0.122	0.15	20.01	20.50	0.240	With SIM2	Yes
Back Side	15mm	21100/2535	20M QPSK 50%RB#25	0.211	0.120	0.19	19.86	20.50	**0.245**	With SIM2	/
Back Side	15mm	21350/2560	20M QPSK 50%RB#0	0.208	0.114	0.10	19.99	20.50	0.234	With SIM2	/
Back Side	15mm	21100/2535(PCC)	20M QPSK 1RB#99	0.194	0.096	0.00	19.74	20.50	0.231	With SIM2	/
		21298/2554.8(SCC)	20M QPSK 1RB#0								
Main Antenna											
Front Side	15mm	21350/2560	20M QPSK 1RB#50	0.244	0.133	-0.08	24.13	24.50	0.266	Battery 1#	/
Back Side	15mm	21350/2560	20M QPSK 1RB#50	0.325	0.181	0.13	24.13	24.50	0.354	Battery 1#	/
Front Side	15mm	21350/2560	20M QPSK 50%RB#50	0.150	0.081	-0.14	22.83	23.50	0.175	Battery 1#	/
Back Side	15mm	21350/2560	20M QPSK 50%RB#50	0.218	0.113	0.15	22.83	23.50	0.254	Battery 1#	/
Back Side	15mm	21350/2560	20M QPSK 1RB#50	0.373	0.226	0.13	24.13	24.50	0.406	Battery 2#	/
Back Side	15mm	21350/2560	20M QPSK 1RB#50	0.349	0.213	0.05	24.13	24.50	0.380	With SIM2	/
Back Side	15mm	20850/2510	20M QPSK 1RB#99	0.184	0.099	0.11	23.65	24.50	0.224	Battery 2#	/
Back Side	15mm	21100/2535	20M QPSK 1RB#99	0.265	0.133	0.13	24.01	24.50	0.297	Battery 2#	/
Back Side	15mm	21100/2535(PCC)	20M QPSK 1RB#99	**0.393**	0.226	0.18	23.52	24.50	**0.492**	Battery 2#	Yes
		21298/2554.8(SCC)	20M QPSK 1RB#0								

Table 193: Body Worn SAR test results of LTE Band 7

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Second Antenna											
Front Side	10mm	21350/2560	20M QPSK 1RB#0	0.076	0.040	0.05	18.29	18.50	0.080	Battery 1#	/
Back Side	10mm	21350/2560	20M QPSK 1RB#0	0.283	0.144	0.13	18.29	18.50	0.297	Battery 1#	/
Left Side	10mm	21350/2560	20M QPSK 1RB#0	0.037	0.013	0.10	18.29	18.50	0.038	Battery 1#	/
Top Side	10mm	21350/2560	20M QPSK 1RB#0	0.246	0.131	-0.01	18.29	18.50	0.258	Battery 1#	/
Front Side	10mm	21350/2560	20M QPSK 50%RB#50	0.067	0.035	0.11	18.18	18.50	0.072	Battery 1#	/
Back Side	10mm	21350/2560	20M QPSK 50%RB#50	0.162	0.079	-0.11	18.18	18.50	0.174	Battery 1#	/
Left Side	10mm	21350/2560	20M QPSK 50%RB#50	0.030	0.012	0.09	18.18	18.50	0.033	Battery 1#	/
Top Side	10mm	21350/2560	20M QPSK 50%RB#50	0.206	0.103	-0.09	18.18	18.50	0.222	Battery 1#	/
Back Side	10mm	21350/2560	20M QPSK 1RB#0	0.265	0.136	0.13	18.29	18.50	0.278	Battery 2#	/
Back Side	10mm	21350/2560	20M QPSK 1RB#0	0.251	0.130	0.18	18.29	18.50	0.263	With SIM2	/
Back Side	10mm	20850/2510	20M QPSK 1RB#50	0.197	0.096	-0.04	18.22	18.50	0.210	Battery 1#	/
Back Side	10mm	21100/2535	20M QPSK 1RB#50	0.248	0.129	0.18	18.01	18.50	0.278	Battery 1#	/
Back Side	10mm	21100/2535	20M QPSK 1RB#0	**0.306**	0.124	0.18	17.78	18.50	**0.361**	Battery 1#	Yes
		20902/2515.2	20M QPSK 1RB#99								
Main Antenna											
Front Side	10mm	21350/2560	20M QPSK 1RB#99	0.237	0.122	-0.08	21.17	21.50	0.256	Battery 1#	/
Back Side	10mm	21350/2560	20M QPSK 1RB#99	0.329	0.166	0.09	21.17	21.50	0.355	Battery 1#	/
Left Side	10mm	21350/2560	20M QPSK 1RB#99	0.077	0.046	0.17	21.17	21.50	0.083	Battery 1#	/
Right Side	10mm	21350/2560	20M QPSK 1RB#99	0.089	0.048	0.02	21.17	21.50	0.096	Battery 1#	/
Bottom Side	10mm	21350/2560	20M QPSK 1RB#99	0.435	0.225	0.02	18.71	19.00	0.465	Battery 1#	/
Front Side	10mm	21350/2560	20M QPSK 50%RB#0	0.340	0.181	-0.10	20.96	21.50	0.385	Battery 1#	/
Back Side	10mm	21350/2560	20M QPSK 50%RB#0	0.367	0.181	0.00	20.96	21.50	0.416	Battery 1#	/
Left Side	10mm	21350/2560	20M QPSK 50%RB#0	0.058	0.034	0.13	20.96	21.50	0.065	Battery 1#	/
Right Side	10mm	21350/2560	20M QPSK 50%RB#0	0.060	0.032	0.14	20.96	21.50	0.068	Battery 1#	/
Bottom Side	10mm	21350/2560	20M QPSK 50%RB#25	0.421	0.217	0.12	18.45	19.00	0.478	Battery 1#	/
Bottom Side	10mm	21350/2560	20M QPSK 1RB#99	**0.606**	0.314	-0.07	18.71	19.00	0.648	Battery 2#	Yes
Bottom Side	10mm	21350/2560	20M QPSK 1RB#99	0.343	0.168	0.11	18.71	19.00	0.367	With SIM2	/
Bottom Side	10mm	20850/2510	20M QPSK 1RB#50	0.594	0.311	0.04	18.22	19.00	**0.711**	Battery 2#	/
Bottom Side	10mm	21100/2535	20M QPSK 1RB#50	0.584	0.303	0.09	18.51	19.00	0.654	Battery 2#	/
Bottom Side	10mm	21350/2560	20M QPSK 1RB#0	0.452	0.237	0.00	18.34	19.00	0.526	Battery 2#	/
		21152/2540.2	20M QPSK 1RB#99								
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	12mm	21350/2560	20M QPSK 1RB#99	0.501	0.268	0.16	21.17	21.50	0.541	Battery 2#	/
Bottom Side	12mm	21350/2560	20M QPSK 50%RB#0	0.484	0.260	0.06	20.96	21.50	0.548	Battery 2#	/
Bottom Side	12mm	21100/2535	20M QPSK 1RB#0	0.440	0.217	0.01	20.47	21.50	0.558	Battery 2#	/
		20902/2515.2	20M QPSK 1RB#99								

Table 194: Hotspot SAR test results of LTE Band 7

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
Second Antenna										
Front Side	10mm	21350/2560	20M QPSK 1RB#0	0.076	0.040	0.05	18.29	20.50	0.127	Yes
Back Side	10mm	21350/2560	20M QPSK 1RB#0	0.283	0.144	0.13	18.29	20.50	0.471	Yes
Left Side	10mm	21350/2560	20M QPSK 1RB#0	0.037	0.013	0.10	18.29	20.50	0.061	Yes
Top Side	10mm	21350/2560	20M QPSK 1RB#0	0.246	0.131	-0.01	18.29	20.50	0.409	Yes
Front Side	10mm	21350/2560	20M QPSK 50%RB#50	0.067	0.035	0.11	18.18	20.50	0.114	Yes
Back Side	10mm	21350/2560	20M QPSK 50%RB#50	0.162	0.079	-0.11	18.18	20.50	0.276	Yes
Left Side	10mm	21350/2560	20M QPSK 50%RB#50	0.030	0.012	0.09	18.18	20.50	0.052	Yes
Top Side	10mm	21350/2560	20M QPSK 50%RB#50	0.206	0.103	-0.09	18.18	20.50	0.351	Yes
Back Side	10mm	21350/2560	20M QPSK 1RB#0	0.265	0.136	0.13	18.29	20.50	0.441	Yes
Back Side	10mm	21350/2560	20M QPSK 1RB#0	0.251	0.130	0.18	18.29	20.50	0.418	Yes
Back Side	10mm	20850/2510	20M QPSK 1RB#50	0.197	0.096	-0.04	18.22	20.50	0.333	Yes
Back Side	10mm	21100/2535	20M QPSK 1RB#50	0.248	0.129	0.18	18.01	20.50	0.440	Yes
Back Side	10mm	21100/2535	20M QPSK 1RB#0	**0.306**	0.124	0.18	17.78	20.50	0.572	Yes
		20902/2515.2	20M QPSK 1RB#99							
Main Antenna										
Front Side	10mm	21350/2560	20M QPSK 1RB#99	0.237	0.122	-0.08	21.17	24.50	0.510	Yes
Back Side	10mm	21350/2560	20M QPSK 1RB#99	0.329	0.166	0.09	21.17	24.50	0.708	Yes
Left Side	10mm	21350/2560	20M QPSK 1RB#99	0.077	0.046	0.17	21.17	24.50	0.165	Yes
Right Side	10mm	21350/2560	20M QPSK 1RB#99	0.089	0.048	0.02	21.17	24.50	0.191	Yes
Bottom Side	10mm	21350/2560	20M QPSK 1RB#99	0.435	0.225	0.02	18.71	24.50	1.650	No
Front Side	10mm	21350/2560	20M QPSK 50%RB#0	0.340	0.181	-0.10	20.96	23.50	0.610	Yes
Back Side	10mm	21350/2560	20M QPSK 50%RB#0	0.367	0.181	0.00	20.96	23.50	0.659	Yes
Left Side	10mm	21350/2560	20M QPSK 50%RB#0	0.058	0.034	0.13	20.96	23.50	0.104	Yes
Right Side	10mm	21350/2560	20M QPSK 50%RB#0	0.060	0.032	0.14	20.96	23.50	0.108	Yes
Bottom Side	10mm	21350/2560	20M QPSK 50%RB#25	0.421	0.217	0.12	18.45	23.50	1.347	No
Bottom Side	10mm	21350/2560	20M QPSK 1RB#99	**0.606**	0.314	-0.07	18.71	24.50	2.299	No
Bottom Side	10mm	21350/2560	20M QPSK 1RB#99	0.343	0.168	0.11	18.71	24.50	1.301	No
Bottom Side	10mm	20850/2510	20M QPSK 1RB#50	0.594	0.311	0.04	18.22	24.50	2.522	No
Bottom Side	10mm	21100/2535	20M QPSK 1RB#50	0.584	0.303	0.09	18.51	24.50	2.320	No
Bottom Side	10mm	21350/2560	20M QPSK 1RB#0	0.452	0.237	0.00	18.34	24.50	1.867	No
		21152/2540.2	20M QPSK 1RB#99							
Additional SAR test at a conservative distance(triggering distance minus 1mm)										
Bottom Side	12mm	21350/2560	20M QPSK 1RB#99	0.501	0.268	0.16	21.17	24.50	1.079	Yes
Bottom Side	12mm	21350/2560	20M QPSK 50%RB#0	0.484	0.260	0.06	20.96	24.50	1.094	Yes
Bottom Side	12mm	21100/2535	20M QPSK 1RB#0	0.440	0.217	0.01	20.47	24.50	1.113	Yes
		20902/2515.2	20M QPSK 1RB#99							

Table 195: Product Specific 10-g SAR test reduction evaluation of LTE Band 7

Note: According to the table above , only Bottom side is required for Product Specific 10-g SAR test in this frequency band.

Product Specific 10-g SAR	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 10-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Main Antenna											
Bottom Side	0mm	21350/2560	20M QPSK 1RB#99	3.960	1.360	-0.14	20.68	21.00	1.464	Battery 1#	/
Bottom Side	0mm	21350/2560	20M QPSK 50%RB#0	4.020	1.390	0.10	20.52	21.00	1.552	Battery 1#	/
Bottom Side	0mm	21350/2560	20M QPSK 50%RB#0	4.010	1.390	0.00	20.52	21.00	1.552	Battery 2#	/
Bottom Side	0mm	21350/2560	20M QPSK 50%RB#0	3.960	1.350	0.17	20.52	21.00	1.508	With SIM2	/
Bottom Side	0mm	20850/2510	20M QPSK 50%RB#0	4.130	**1.430**	0.01	20.25	21.00	**1.700**	Battery 1#	Yes
Bottom Side	0mm	21100/2535	20M QPSK 50%RB#50	3.950	1.360	0.12	20.29	21.00	1.602	Battery 1#	/
Bottom Side	0mm	21350/2560	20M QPSK 1RB#0	3.820	1.300	0.11	20.22	21.00	1.556	Battery 1#	/
		21152/2540.2	20M QPSK 1RB#99								
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	7mm	21350/2560	20M QPSK 1RB#50	1.140	0.559	0.14	21.68	22.00	0.602	Battery 2#	/
Bottom Side	7mm	21350/2560	20M QPSK 50%RB#0	1.130	0.527	0.10	21.45	22.00	0.598	Battery 2#	/
Bottom Side	7mm	21100/2535	20M QPSK 1RB#0	1.020	0.472	-0.11	21.21	22.00	0.566	Battery 1#	/
		20902/2515.2	20M QPSK 1RB#99								
Bottom Side	12mm	21350/2560	20M QPSK 1RB#50	0.897	0.485	0.11	24.13	24.50	0.528	Battery 2#	/
Bottom Side	12mm	21350/2560	20M QPSK 50%RB#50	0.699	0.378	-0.02	22.83	23.50	0.441	Battery 2#	/
Bottom Side	12mm	21100/2535	20M QPSK 1RB#99	0.852	0.419	-0.12	23.52	24.50	0.525	Battery 1#	/
		21298/2554.8	20M QPSK 1RB#0								

Table 196: Product Specific 10-g SAR test results of LTE Band 7

7.2.10 SAR measurement Results of LTE Band 12

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	23095/707.5	10M QPSK 1RB#49	0.310	0.155	0.17	19.73	20.50	0.370	Battery 1#	/
Left tilt	23095/707.5	10M QPSK 1RB#49	0.301	0.145	0.03	19.73	20.50	0.359	Battery 1#	/
Right cheek	23095/707.5	10M QPSK 1RB#49	0.295	0.153	-0.01	19.73	20.50	0.352	Battery 1#	/
Right tilt	23095/707.5	10M QPSK 1RB#49	0.343	0.171	-0.05	19.73	20.50	0.410	Battery 1#	/
Left cheek	23095/707.5	10M QPSK 50%RB#0	0.284	0.140	-0.10	19.60	20.50	0.349	Battery 1#	/
Left tilt	23095/707.5	10M QPSK 50%RB#0	0.301	0.142	0.05	19.60	20.50	0.370	Battery 1#	/
Right cheek	23095/707.5	10M QPSK 50%RB#0	0.289	0.151	0.07	19.60	20.50	0.356	Battery 1#	/
Right tilt	23095/707.5	10M QPSK 50%RB#0	0.357	0.173	-0.02	19.60	20.50	0.439	Battery 1#	/
Right tilt	23095/707.5	10M QPSK 50%RB#0	0.368	0.176	-0.03	19.60	20.50	0.453	Battery 2#	/
Right tilt	23060/704	10M QPSK 50%RB#13	**0.369**	0.176	-0.02	19.53	20.50	**0.461**	Battery 2#	Yes
Right tilt	23130/711	10M QPSK 50%RB#0	0.357	0.172	-0.04	19.46	20.50	0.454	Battery 2#	/
Main Antenna										
Left cheek	23095/707.5	10M QPSK 1RB#0	0.054	0.043	0.14	24.03	25.00	0.068	Battery 1#	/
Left tilt	23095/707.5	10M QPSK 1RB#0	0.035	0.025	0.05	24.03	25.00	0.044	Battery 1#	/
Right cheek	23095/707.5	10M QPSK 1RB#0	0.064	0.050	0.11	24.03	25.00	0.080	Battery 1#	/
Right tilt	23095/707.5	10M QPSK 1RB#0	0.031	0.022	0.12	24.03	25.00	0.039	Battery 1#	/
Left cheek	23095/707.5	10M QPSK 50%RB#25	0.059	0.046	0.02	23.14	24.00	0.072	Battery 1#	/
Left tilt	23095/707.5	10M QPSK 50%RB#25	0.041	0.029	-0.12	23.14	24.00	0.050	Battery 1#	/
Right cheek	23095/707.5	10M QPSK 50%RB#25	0.058	0.045	0.13	23.14	24.00	0.070	Battery 1#	/
Right tilt	23095/707.5	10M QPSK 50%RB#25	0.028	0.020	0.14	23.14	24.00	0.034	Battery 1#	/
Right cheek	23095/707.5	10M QPSK 1RB#0	0.064	0.051	0.04	24.03	25.00	0.080	Battery 2#	/
Right cheek	23060/704	10M QPSK 1RB#0	0.065	0.051	0.17	24.02	25.00	0.082	Battery 2#	/
Right cheek	23130/711	10M QPSK 1RB#0	0.073	0.057	0.10	23.97	25.00	0.093	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	23060/704	10M QPSK 50%RB#13	0.347	0.158	0.05	19.53	20.50	0.434	Battery 2#	/
Right tilt	23060/704	10M QPSK 50%RB#13	0.348	0.159	-0.03	19.53	20.50	0.435	With SIM2	/
Main Antenna										
Right cheek	23130/711	10M QPSK 1RB#0	0.067	0.052	-0.15	23.97	25.00	0.084	Battery 2#	/
Right cheek	23130/711	10M QPSK 1RB#0	**0.083**	0.065	0.11	23.97	25.00	**0.106**	With SIM2	Yes

Table 197: Head SAR test results of LTE Band 12

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	23060/704	10M QPSK 1RB#0	0.139	0.099	-0.01	24.03	25.00	0.174	Battery 1#	/
Back Side	15mm	23060/704	10M QPSK 1RB#0	0.132	0.081	-0.13	24.03	25.00	0.165	Battery 1#	/
Front Side	15mm	23130/711	10M QPSK 50%RB#13	0.132	0.091	-0.02	22.98	24.00	0.167	Battery 1#	/
Back Side	15mm	23130/711	10M QPSK 50%RB#13	0.113	0.070	-0.04	22.98	24.00	0.143	Battery 1#	/
Front Side	15mm	23060/704	10M QPSK 1RB#0	0.139	0.104	0.06	24.03	25.00	0.174	Battery 2#	/
Front Side	15mm	23095/707.5	10M QPSK 1RB#25	**0.172**	0.129	0.03	23.91	25.00	**0.221**	Battery 2#	/
Front Side	15mm	23130/711	10M QPSK 1RB#0	0.169	0.127	0.04	23.83	25.00	0.221	Battery 2#	/
Main Antenna											
Front Side	15mm	23095/707.5	10M QPSK 1RB#0	0.123	0.086	-0.03	24.03	25.00	0.154	Battery 1#	/
Back Side	15mm	23095/707.5	10M QPSK 1RB#0	0.163	0.121	0.01	24.03	25.00	0.204	Battery 1#	/
Front Side	15mm	23095/707.5	10M QPSK 50%RB#25	0.111	0.078	-0.14	23.14	24.00	0.135	Battery 1#	/
Back Side	15mm	23095/707.5	10M QPSK 50%RB#25	0.153	0.113	-0.07	23.14	24.00	0.187	Battery 1#	/
Back Side	15mm	23095/707.5	10M QPSK 1RB#0	0.199	0.146	-0.16	24.03	25.00	0.249	Battery 2#	/
Back Side	15mm	23060/704	10M QPSK 1RB#0	0.181	0.133	-0.02	24.02	25.00	0.227	Battery 2#	/
Back Side	15mm	23130/711	10M QPSK 1RB#0	**0.225**	0.165	-0.10	23.97	25.00	**0.285**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Front Side	15mm	23095/707.5	10M QPSK 1RB#25	0.171	0.116	-0.03	23.91	25.00	0.220	Battery 2#	/
Front Side	15mm	23095/707.5	10M QPSK 1RB#25	0.185	0.112	-0.05	23.91	25.00	0.238	With SIM2	Yes
Main Antenna											
Back Side	15mm	23130/711	10M QPSK 1RB#0	0.195	0.141	-0.15	23.97	25.00	0.247	Battery 2#	/
Back Side	15mm	23130/711	10M QPSK 1RB#0	0.193	0.139	-0.03	23.97	25.00	0.245	With SIM2	/

Table 198: Body Worn SAR test results of LTE Band 12

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	23060/704	10M QPSK 1RB#0	0.232	0.144	-0.02	24.03	25.00	0.290	Battery 1#	/
Back Side	10mm	23060/704	10M QPSK 1RB#0	0.272	0.155	-0.03	24.03	25.00	0.340	Battery 1#	/
Left Side	10mm	23060/704	10M QPSK 1RB#0	0.089	0.061	-0.13	24.03	25.00	0.112	Battery 1#	/
Top Side	10mm	23060/704	10M QPSK 1RB#0	0.222	0.120	0.10	24.03	25.00	0.278	Battery 1#	/
Front Side	10mm	23130/711	10M QPSK 50%RB#13	0.246	0.153	0.01	22.98	24.00	0.311	Battery 1#	/
Back Side	10mm	23130/711	10M QPSK 50%RB#13	0.245	0.156	-0.11	22.98	24.00	0.310	Battery 1#	/
Left Side	10mm	23130/711	10M QPSK 50%RB#13	0.094	0.064	0.00	22.98	24.00	0.119	Battery 1#	/
Top Side	10mm	23130/711	10M QPSK 50%RB#13	0.206	0.110	0.09	22.98	24.00	0.261	Battery 1#	/
Back Side	10mm	23060/704	10M QPSK 1RB#0	0.249	0.178	0.13	24.03	25.00	0.311	Battery 2#	/
Back Side	10mm	23095/707.5	10M QPSK 1RB#25	0.300	0.215	0.07	23.91	25.00	0.386	Battery 1#	/
Back Side	10mm	23130/711	10M QPSK 1RB#0	0.306	0.219	0.04	23.83	25.00	0.401	Battery 1#	/
Main Antenna											
Front Side	10mm	23095/707.5	10M QPSK 1RB#0	0.150	0.104	-0.02	24.03	25.00	0.188	Battery 1#	/
Back Side	10mm	23095/707.5	10M QPSK 1RB#0	0.244	0.174	-0.13	24.03	25.00	0.305	Battery 1#	/
Left Side	10mm	23095/707.5	10M QPSK 1RB#0	0.180	0.105	0.01	24.03	25.00	0.225	Battery 1#	/
Right Side	10mm	23095/707.5	10M QPSK 1RB#0	0.090	0.061	-0.11	24.03	25.00	0.112	Battery 1#	/
Bottom Side	10mm	23095/707.5	10M QPSK 1RB#0	0.080	0.048	-0.10	24.03	25.00	0.100	Battery 1#	/
Front Side	10mm	23095/707.5	10M QPSK 50%RB#25	0.133	0.092	0.01	23.14	24.00	0.162	Battery 1#	/
Back Side	10mm	23095/707.5	10M QPSK 50%RB#25	0.199	0.138	-0.06	23.14	24.00	0.243	Battery 1#	/
Left Side	10mm	23095/707.5	10M QPSK 50%RB#25	0.151	0.088	-0.06	23.14	24.00	0.184	Battery 1#	/
Right Side	10mm	23095/707.5	10M QPSK 50%RB#25	0.087	0.060	0.03	23.14	24.00	0.106	Battery 1#	/
Bottom Side	10mm	23095/707.5	10M QPSK 50%RB#25	0.079	0.048	-0.14	23.14	24.00	0.096	Battery 1#	/
Back Side	10mm	23095/707.5	10M QPSK 1RB#0	0.264	0.188	0.03	24.03	25.00	0.330	Battery 2#	/
Back Side	10mm	23060/704	10M QPSK 1RB#0	0.244	0.174	0.19	24.02	25.00	0.306	Battery 2#	/
Back Side	10mm	23130/711	10M QPSK 1RB#0	**0.292**	0.209	-0.02	23.97	25.00	**0.370**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	10mm	23130/711	10M QPSK 1RB#0	**0.359**	0.200	0.01	23.83	25.00	**0.470**	Battery 1#	Yes
Back Side	10mm	23130/711	10M QPSK 1RB#0	0.354	0.176	-0.12	23.83	25.00	0.463	With SIM2	/
Main Antenna											
Back Side	10mm	23130/711	10M QPSK 1RB#0	0.285	0.199	-0.03	23.97	25.00	0.361	Battery 2#	/
Back Side	10mm	23130/711	10M QPSK 1RB#0	0.276	0.194	-0.04	23.97	25.00	0.350	With SIM2	/

Table 199: Hotspot SAR test results of LTE Band 12

Note: Per KDB 648474 D04, Product Specific 10-g SAR test is not required for this frequency band since hotspot mode 1-g reported SAR < 1.2 W/kg.

7.2.11 SAR measurement Results of LTE Band 26

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	26965/841.5	15M QPSK 1RB#74	0.344	0.169	0.03	18.35	19.20	0.418	Battery 1#	/
Left tilt	26965/841.5	15M QPSK 1RB#74	0.151	0.074	-0.18	18.35	19.20	0.184	Battery 1#	/
Right cheek	26965/841.5	15M QPSK 1RB#74	0.361	0.188	0.02	18.35	19.20	0.439	Battery 1#	/
Right tilt	26965/841.5	15M QPSK 1RB#74	0.303	0.145	-0.02	18.35	19.20	0.369	Battery 1#	/
Left cheek	26865/831.5	15M QPSK 50%RB#0	0.338	0.167	0.02	18.38	19.20	0.408	Battery 1#	/
Left tilt	26865/831.5	15M QPSK 50%RB#0	0.377	0.179	0.04	18.38	19.20	0.455	Battery 1#	/
Right cheek	26865/831.5	15M QPSK 50%RB#0	0.397	0.206	-0.01	18.38	19.20	0.480	Battery 1#	/
Right tilt	26865/831.5	15M QPSK 50%RB#0	0.390	0.186	-0.04	18.38	19.20	0.471	Battery 1#	/
Right cheek	26865/831.5	15M QPSK 50%RB#0	0.379	0.201	-0.01	18.38	19.20	0.458	Battery 2#	/
Right cheek	26765/821.5	15M QPSK 50%RB#0	0.381	0.197	-0.04	18.31	19.20	0.468	Battery 1#	/
Right cheek	26965/841.5	15M QPSK 50%RB#0	0.353	0.184	-0.02	18.31	19.20	0.433	Battery 1#	/
Main Antenna										
Left cheek	26865/831.5	15M QPSK 1RB#38	0.108	0.077	0.11	24.01	25.00	0.136	Battery 1#	/
Left tilt	26865/831.5	15M QPSK 1RB#38	0.071	0.050	-0.03	24.01	25.00	0.089	Battery 1#	/
Right cheek	26865/831.5	15M QPSK 1RB#38	0.126	0.097	-0.04	24.01	25.00	0.158	Battery 1#	/
Right tilt	26865/831.5	15M QPSK 1RB#38	0.059	0.041	0.16	24.01	25.00	0.074	Battery 1#	/
Left cheek	26865/831.5	15M QPSK 50%RB#39	0.073	0.051	-0.19	23.04	24.00	0.091	Battery 1#	/
Left tilt	26865/831.5	15M QPSK 50%RB#39	0.060	0.041	0.02	23.04	24.00	0.075	Battery 1#	/
Right cheek	26865/831.5	15M QPSK 50%RB#39	0.093	0.065	-0.01	23.04	24.00	0.117	Battery 1#	/
Right tilt	26865/831.5	15M QPSK 50%RB#39	0.047	0.032	0.11	23.04	24.00	0.058	Battery 1#	/
Right cheek	26865/831.5	15M QPSK 1RB#38	0.140	0.107	0.04	24.01	25.00	0.176	Battery 2#	/
Right cheek	26765/821.5	15M QPSK 1RB#38	0.127	0.098	0.13	23.86	25.00	0.165	Battery 2#	/
Right cheek	26965/841.5	15M QPSK 1RB#0	**0.140**	0.107	0.16	23.74	25.00	**0.187**	Battery 2#	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right cheek	26865/831.5	15M QPSK 50%RB#0	**0.427**	0.224	0.06	18.38	19.20	**0.516**	Battery 1#	Yes
Right cheek	26865/831.5	15M QPSK 50%RB#0	0.418	0.219	0.18	18.38	19.20	0.505	With SIM2	/
Main Antenna										
Right cheek	26965/841.5	15M QPSK 1RB#0	0.124	0.097	-0.11	23.74	25.00	0.166	Battery 2#	/
Right cheek	26965/841.5	15M QPSK 1RB#0	0.108	0.085	-0.08	23.74	25.00	0.144	With SIM2	/

Table 200: Head SAR test results of LTE Band 26

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	26865/831.5	15M QPSK 1RB#74	0.232	0.154	0.00	23.85	24.70	0.282	Battery 1#	/
Back Side	15mm	26865/831.5	15M QPSK 1RB#74	0.241	0.162	-0.04	23.85	24.70	0.293	Battery 1#	/
Front Side	15mm	26765/821.5	15M QPSK 50%RB#18	0.164	0.110	-0.06	22.84	23.70	0.200	Battery 1#	/
Back Side	15mm	26765/821.5	15M QPSK 50%RB#18	0.168	0.113	-0.01	22.84	23.70	0.205	Battery 1#	/
Back Side	15mm	26865/831.5	15M QPSK 1RB#74	0.246	0.164	-0.05	23.85	24.70	0.299	Battery 2#	/
Back Side	15mm	26765/821.5	15M QPSK 1RB#74	0.246	0.165	-0.04	23.58	24.70	0.318	Battery 2#	/
Back Side	15mm	26965/841.5	15M QPSK 1RB#38	**0.262**	0.175	-0.08	23.66	24.70	**0.333**	Battery 2#	Yes
Main Antenna											
Front Side	15mm	26865/831.5	15M QPSK 1RB#38	0.208	0.142	0.04	24.01	25.00	0.261	Battery 1#	/
Back Side	15mm	26865/831.5	15M QPSK 1RB#38	0.264	0.186	0.06	24.01	25.00	0.332	Battery 1#	/
Front Side	15mm	26865/831.5	15M QPSK 50%RB#39	0.168	0.115	-0.03	23.04	24.00	0.210	Battery 1#	/
Back Side	15mm	26865/831.5	15M QPSK 50%RB#39	0.213	0.145	-0.01	23.04	24.00	0.266	Battery 1#	/
Back Side	15mm	26865/831.5	15M QPSK 1RB#38	0.273	0.192	-0.09	24.01	25.00	0.343	Battery 2#	/
Back Side	15mm	26765/821.5	15M QPSK 1RB#38	**0.277**	0.195	-0.01	23.86	25.00	0.360	Battery 2#	Yes
Back Side	15mm	26965/841.5	15M QPSK 1RB#0	0.270	0.190	-0.08	23.74	25.00	**0.361**	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	26965/841.5	15M QPSK 1RB#38	0.221	0.128	-0.07	23.66	24.70	0.281	Battery 2#	/
Back Side	15mm	26965/841.5	15M QPSK 1RB#38	0.220	0.128	-0.10	23.66	24.70	0.280	With SIM2	/
Main Antenna											
Back Side	15mm	26965/841.5	15M QPSK 1RB#0	0.237	0.168	-0.13	23.74	25.00	0.317	Battery 2#	/
Back Side	15mm	26965/841.5	15M QPSK 1RB#0	0.251	0.178	-0.01	23.74	25.00	0.335	With SIM2	/

Table 201: Body Worn SAR test results of LTE Band 26

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	26865/831.5	15M QPSK 1RB#74	0.497	0.273	-0.03	23.85	24.70	0.604	Battery 1#	/
Back Side	10mm	26865/831.5	15M QPSK 1RB#74	0.550	0.302	-0.08	23.85	24.70	0.669	Battery 1#	/
Left Side	10mm	26865/831.5	15M QPSK 1RB#74	0.282	0.133	-0.02	23.85	24.70	0.343	Battery 1#	/
Top Side	10mm	26865/831.5	15M QPSK 1RB#74	0.319	0.155	0.00	23.85	24.70	0.388	Battery 1#	/
Front Side	10mm	26765/821.5	15M QPSK 50%RB#18	0.360	0.210	-0.04	22.84	23.70	0.439	Battery 1#	/
Back Side	10mm	26765/821.5	15M QPSK 50%RB#18	0.374	0.233	-0.05	22.84	23.70	0.456	Battery 1#	/
Left Side	10mm	26765/821.5	15M QPSK 50%RB#18	0.148	0.098	0.00	22.84	23.70	0.180	Battery 1#	/
Top Side	10mm	26765/821.5	15M QPSK 50%RB#18	0.238	0.116	0.01	22.84	23.70	0.290	Battery 1#	/
Back Side	10mm	26865/831.5	15M QPSK 1RB#74	0.474	0.264	-0.15	23.85	24.70	0.576	Battery 2#	/
Back Side	10mm	26765/821.5	15M QPSK 1RB#74	0.489	0.270	0.02	23.58	24.70	0.633	Battery 1#	/
Back Side	10mm	26965/841.5	15M QPSK 1RB#38	**0.578**	0.320	-0.07	23.66	24.70	**0.734**	Battery 1#	Yes
Main Antenna											
Front Side	10mm	26865/831.5	15M QPSK 1RB#38	0.319	0.218	-0.14	24.01	25.00	0.401	Battery 1#	/
Back Side	10mm	26865/831.5	15M QPSK 1RB#38	0.450	0.304	-0.06	24.01	25.00	0.565	Battery 1#	/
Left Side	10mm	26865/831.5	15M QPSK 1RB#38	0.245	0.137	-0.13	24.01	25.00	0.308	Battery 1#	/
Right Side	10mm	26865/831.5	15M QPSK 1RB#38	0.145	0.098	-0.08	24.01	25.00	0.182	Battery 1#	/
Bottom Side	10mm	26865/831.5	15M QPSK 1RB#38	0.298	0.191	0.10	24.01	25.00	0.374	Battery 1#	/
Front Side	10mm	26865/831.5	15M QPSK 50%RB#39	0.261	0.179	-0.03	23.04	24.00	0.326	Battery 1#	/
Back Side	10mm	26865/831.5	15M QPSK 50%RB#39	0.367	0.245	-0.08	23.04	24.00	0.458	Battery 1#	/
Left Side	10mm	26865/831.5	15M QPSK 50%RB#39	0.211	0.117	-0.07	23.04	24.00	0.263	Battery 1#	/
Right Side	10mm	26865/831.5	15M QPSK 50%RB#39	0.113	0.076	-0.03	23.04	24.00	0.141	Battery 1#	/
Bottom Side	10mm	26865/831.5	15M QPSK 50%RB#39	0.250	0.163	-0.12	23.04	24.00	0.312	Battery 1#	/
Back Side	10mm	26865/831.5	15M QPSK 1RB#38	**0.464**	0.314	-0.09	24.01	25.00	0.583	Battery 2#	Yes
Back Side	10mm	26765/821.5	15M QPSK 1RB#38	0.461	0.313	0.03	23.86	25.00	**0.599**	Battery 2#	/
Back Side	10mm	26965/841.5	15M QPSK 1RB#0	0.444	0.299	-0.13	23.74	25.00	0.593	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	10mm	26965/841.5	15M QPSK 1RB#38	0.498	0.273	-0.15	23.66	24.70	0.633	Battery 1#	/
Back Side	10mm	26965/841.5	15M QPSK 1RB#38	0.477	0.266	-0.13	23.66	24.70	0.606	With SIM2	/
Main Antenna											
Back Side	10mm	26765/821.5	15M QPSK 1RB#38	0.400	0.275	-0.17	23.86	25.00	0.520	Battery 2#	/
Back Side	10mm	26765/821.5	15M QPSK 1RB#38	0.399	0.272	-0.12	23.86	25.00	0.519	With SIM2	/

Table 202: Hotspot SAR test results of LTE Band 26

Note: Per KDB 648474 D04, Product Specific 10-g SAR test is not required for this frequency band since hotspot mode 1-g reported SAR < 1.2 W/kg.

7.2.12 SAR measurement Results of LTE Band 38

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	38000/2595	20M QPSK 1RB#50	0.148	0.068	-0.16	18.54	19.00	0.165	Battery 1#	/
Left tilt	38000/2595	20M QPSK 1RB#50	0.201	0.092	0.10	18.54	19.00	0.223	Battery 1#	/
Right cheek	38000/2595	20M QPSK 1RB#50	0.232	0.109	0.06	18.54	19.00	0.258	Battery 1#	/
Right tilt	38000/2595	20M QPSK 1RB#50	0.313	0.141	0.01	18.54	19.00	0.348	Battery 1#	/
Left cheek	38000/2595	20M QPSK 50%RB#25	0.131	0.060	-0.01	18.39	19.00	0.151	Battery 1#	/
Left tilt	38000/2595	20M QPSK 50%RB#25	0.171	0.078	0.02	18.39	19.00	0.197	Battery 1#	/
Right cheek	38000/2595	20M QPSK 50%RB#25	0.205	0.097	-0.14	18.39	19.00	0.236	Battery 1#	/
Right tilt	38000/2595	20M QPSK 50%RB#25	0.290	0.129	-0.12	18.39	19.00	0.334	Battery 1#	/
Right tilt	38000/2595	20M QPSK 1RB#50	0.389	0.176	-0.02	18.54	19.00	0.432	Battery 2#	/
Right tilt	37850/2580	20M QPSK 1RB#50	**0.430**	0.196	-0.19	18.37	19.00	**0.497**	Battery 2#	Yes
Right tilt	38150/2610	20M QPSK 1RB#50	0.372	0.169	0.12	18.36	19.00	0.431	Battery 2#	/
Right tilt	37850/2580(PCC)	20M QPSK 1RB#99	0.390	0.158	0.05	18.18	19.00	0.471	Battery 2#	/
	38048/2599.8(SCC)	20M QPSK 1RB#0								
Main Antenna										
Left cheek	38000/2595	20M QPSK 1RB#50	0.099	0.052	0.03	24.46	25.00	0.112	Battery 1#	/
Left tilt	38000/2595	20M QPSK 1RB#50	0.074	0.034	-0.19	24.46	25.00	0.083	Battery 1#	/
Right cheek	38000/2595	20M QPSK 1RB#50	**0.139**	0.076	0.01	24.46	25.00	**0.157**	Battery 1#	Yes
Right tilt	38000/2595	20M QPSK 1RB#50	0.043	0.021	0.19	24.46	25.00	0.049	Battery 1#	/
Left cheek	37850/2580	20M QPSK 50%RB#50	0.073	0.038	0.10	23.33	24.00	0.086	Battery 1#	/
Left tilt	37850/2580	20M QPSK 50%RB#50	0.057	0.027	-0.02	23.33	24.00	0.067	Battery 1#	/
Right cheek	37850/2580	20M QPSK 50%RB#50	0.093	0.047	0.09	23.33	24.00	0.108	Battery 1#	/
Right tilt	37850/2580	20M QPSK 50%RB#50	0.027	0.013	0.12	23.33	24.00	0.032	Battery 1#	/
Right cheek	38000/2595	20M QPSK 1RB#50	0.120	0.065	-0.14	24.46	25.00	0.136	Battery 2#	/
Right cheek	37850/2580	20M QPSK 1RB#50	0.121	0.066	0.01	24.42	25.00	0.138	Battery 1#	/
Right cheek	38150/2610	20M QPSK 1RB#99	0.111	0.060	-0.09	24.45	25.00	0.126	Battery 1#	/
Right cheek	37850/2580(PCC)	20M QPSK 1RB#99	0.109	0.056	-0.01	23.88	25.00	0.141	Battery 1#	/
	38048/2599.8(SCC)	20M QPSK 1RB#0								
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	37850/2580	20M QPSK 1RB#50	0.354	0.150	-0.05	18.37	19.00	0.409	Battery 2#	/
Right tilt	37850/2580	20M QPSK 1RB#50	0.353	0.149	-0.03	18.37	19.00	0.408	With SIM2	/
Main Antenna										
Right cheek	38000/2595	20M QPSK 1RB#50	0.111	0.059	-0.12	24.46	25.00	0.126	Battery 1#	/
Right cheek	38000/2595	20M QPSK 1RB#50	0.114	0.057	0.00	24.46	25.00	0.129	With SIM2	/

Table 203: Head SAR test results of LTE Band 38

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	37850/2580	20M QPSK 1RB#0	0.068	0.036	0.07	22.96	23.50	0.076	Battery 1#	/
Back Side	15mm	37850/2580	20M QPSK 1RB#0	0.170	0.089	0.16	22.96	23.50	0.193	Battery 1#	/
Front Side	15mm	37850/2580	20M QPSK 50%RB#0	0.051	0.028	-0.06	21.90	22.50	0.058	Battery 1#	/
Back Side	15mm	37850/2580	20M QPSK 50%RB#0	0.119	0.061	0.15	21.90	22.50	0.137	Battery 1#	/
Back Side	15mm	37850/2580	20M QPSK 1RB#0	**0.184**	0.095	-0.02	22.96	23.50	**0.208**	Battery 2#	Yes
Back Side	15mm	38000/2595	20M QPSK 1RB#0	0.156	0.077	-0.17	22.95	23.50	0.177	Battery 2#	/
Back Side	15mm	38150/2610	20M QPSK 1RB#50	0.169	0.087	-0.04	22.93	23.50	0.193	Battery 2#	/
Back Side	15mm	37850/2580	20M QPSK 1RB#99	0.161	0.088	0.01	22.46	23.50	0.205	Battery 2#	/
		38048/2599.8	20M QPSK 1RB#0								
Main Antenna											
Front Side	15mm	38000/2595	20M QPSK 1RB#50	0.198	0.106	-0.06	24.46	25.00	0.224	Battery 1#	/
Back Side	15mm	38000/2595	20M QPSK 1RB#50	**0.312**	0.171	0.01	24.46	25.00	**0.353**	Battery 1#	Yes
Front Side	15mm	37850/2580	20M QPSK 50%RB#50	0.138	0.074	-0.06	23.33	24.00	0.161	Battery 1#	/
Back Side	15mm	37850/2580	20M QPSK 50%RB#50	0.192	0.102	-0.11	23.33	24.00	0.224	Battery 1#	/
Back Side	15mm	38000/2595	20M QPSK 1RB#50	0.295	0.162	-0.18	24.46	25.00	0.334	Battery 2#	/
Back Side	15mm	37850/2580	20M QPSK 1RB#50	0.273	0.152	0.13	24.42	25.00	0.312	Battery 1#	/
Back Side	15mm	38150/2610	20M QPSK 1RB#99	0.259	0.143	0.05	24.45	25.00	0.294	Battery 1#	/
Back Side	15mm	37850/2580(PCC)	20M QPSK 1RB#99	0.267	0.150	0.06	23.88	25.00	0.346	Battery 1#	/
		38048/2599.8(SCC)	20M QPSK 1RB#0								
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	37850/2580	20M QPSK 1RB#0	0.126	0.072	-0.19	22.96	23.50	0.143	Battery 2#	/
Back Side	15mm	37850/2580	20M QPSK 1RB#0	0.123	0.070	-0.15	22.96	23.50	0.139	With SIM2	/
Main Antenna											
Back Side	15mm	38000/2595	20M QPSK 1RB#50	0.218	0.128	-0.16	24.46	25.00	0.247	Battery 1#	/
Back Side	15mm	38000/2595	20M QPSK 1RB#50	0.193	0.108	0.08	24.46	25.00	0.219	With SIM2	/

Table 204: Body Worn SAR test results of LTE Band 38

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	37850/2580	20M QPSK 1RB#0	0.141	0.075	-0.02	22.18	22.50	0.152	Battery 1#	/
Back Side	10mm	37850/2580	20M QPSK 1RB#0	0.387	0.183	-0.08	22.18	22.50	0.417	Battery 1#	/
Left Side	10mm	37850/2580	20M QPSK 1RB#0	0.041	0.017	-0.12	22.18	22.50	0.044	Battery 1#	/
Top Side	10mm	37850/2580	20M QPSK 1RB#0	0.264	0.131	0.02	22.18	22.50	0.284	Battery 1#	/
Front Side	10mm	37850/2580	20M QPSK 50%RB#0	0.129	0.068	0.17	21.91	22.50	0.148	Battery 1#	/
Back Side	10mm	37850/2580	20M QPSK 50%RB#0	0.350	0.171	0.08	21.91	22.50	0.401	Battery 1#	/
Left Side	10mm	37850/2580	20M QPSK 50%RB#0	0.053	0.024	-0.09	21.91	22.50	0.060	Battery 1#	/
Top Side	10mm	37850/2580	20M QPSK 50%RB#0	0.258	0.128	-0.03	21.91	22.50	0.296	Battery 1#	/
Back Side	10mm	37850/2580	20M QPSK 1RB#0	0.378	0.173	0.15	22.18	22.50	0.407	Battery 2#	/
Back Side	10mm	38000/2595	20M QPSK 1RB#0	**0.439**	0.201	-0.16	22.14	22.50	**0.477**	Battery 1#	Yes
Back Side	10mm	38150/2610	20M QPSK 1RB#99	0.360	0.167	0.09	22.04	22.50	0.400	Battery 1#	/
Back Side	10mm	37850/2580(PCC) 38048/2599.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.300	0.147	0.15	21.64	22.50	0.366	Battery 1#	/
Main Antenna											
Front Side	10mm	38150/2610	20M QPSK 1RB#99	0.231	0.116	0.15	22.64	23.00	0.251	Battery 1#	/
Back Side	10mm	38150/2610	20M QPSK 1RB#99	0.348	0.170	0.11	22.64	23.00	0.378	Battery 1#	/
Left Side	10mm	38150/2610	20M QPSK 1RB#99	0.037	0.022	0.06	22.64	23.00	0.040	Battery 1#	/
Right Side	10mm	38150/2610	20M QPSK 1RB#99	0.047	0.025	0.04	22.64	23.00	0.051	Battery 1#	/
Bottom Side	10mm	37850/2580	20M QPSK 1RB#0	0.432	0.221	-0.04	21.64	22.00	0.469	Battery 1#	/
Front Side	10mm	37850/2580	20M QPSK 50%RB#0	0.222	0.113	-0.16	22.37	23.00	0.257	Battery 1#	/
Back Side	10mm	37850/2580	20M QPSK 50%RB#0	0.278	0.141	-0.10	22.37	23.00	0.321	Battery 1#	/
Left Side	10mm	37850/2580	20M QPSK 50%RB#0	0.039	0.023	0.19	22.37	23.00	0.045	Battery 1#	/
Right Side	10mm	37850/2580	20M QPSK 50%RB#0	0.053	0.029	0.11	22.37	23.00	0.061	Battery 1#	/
Bottom Side	10mm	38000/2595	20M QPSK 50%RB#25	0.408	0.195	-0.05	21.29	22.00	0.480	Battery 1#	/
Bottom Side	10mm	37850/2580	20M QPSK 1RB#0	0.483	0.244	-0.01	21.64	22.00	0.525	Battery 2#	/
Bottom Side	10mm	38000/2595	20M QPSK 1RB#50	0.524	0.263	-0.04	21.38	22.00	0.604	Battery 2#	/
Bottom Side	10mm	38150/2610	20M QPSK 1RB#50	**0.668**	0.340	-0.04	21.57	22.00	**0.738**	Battery 2#	Yes
Bottom Side	10mm	37850/2580(PCC) 38048/2599.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.503	0.256	-0.01	21.13	22.00	0.615	Battery 2#	/
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	12mm	38150/2610	20M QPSK 1RB#99	0.395	0.207	0.05	22.64	23.00	0.429	Battery 2#	/
Bottom Side	12mm	37850/2580	20M QPSK 50%RB#0	0.366	0.194	0.06	22.37	23.00	0.423	Battery 2#	/
Bottom Side	12mm	37850/2580(PCC) 38048/2599.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.398	0.208	-0.16	22.17	23.00	0.482	Battery 2#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	10mm	38000/2595	20M QPSK 1RB#0	0.367	0.185	-0.08	22.14	22.50	0.399	Battery 1#	/
Back Side	10mm	38000/2595	20M QPSK 1RB#0	0.366	0.189	-0.18	22.14	22.50	0.398	With SIM2	/
Main Antenna											
Bottom Side	10mm	38150/2610	20M QPSK 1RB#50	0.481	0.251	-0.19	21.57	22.00	0.531	Battery 2#	/
Bottom Side	10mm	38150/2610	20M QPSK 1RB#50	0.473	0.246	-0.17	21.57	22.00	0.522	With SIM2	/

Table 205: Hotspot SAR test results of LTE Band 38

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Front Side	10mm	37850/2580	20M QPSK 1RB#0	0.141	0.075	-0.02	22.18	23.50	0.191	Yes
Back Side	10mm	37850/2580	20M QPSK 1RB#0	0.387	0.183	-0.08	22.18	23.50	0.524	Yes
Left Side	10mm	37850/2580	20M QPSK 1RB#0	0.041	0.017	-0.12	22.18	23.50	0.056	Yes
Top Side	10mm	37850/2580	20M QPSK 1RB#0	0.264	0.131	0.02	22.18	23.50	0.358	Yes
Front Side	10mm	37850/2580	20M QPSK 50%RB#0	0.129	0.068	0.17	21.91	22.50	0.148	Yes
Back Side	10mm	37850/2580	20M QPSK 50%RB#0	0.350	0.171	0.08	21.91	22.50	0.401	Yes
Left Side	10mm	37850/2580	20M QPSK 50%RB#0	0.053	0.024	-0.09	21.91	22.50	0.060	Yes
Top Side	10mm	37850/2580	20M QPSK 50%RB#0	0.258	0.128	-0.03	21.91	22.50	0.296	Yes
Back Side	10mm	37850/2580	20M QPSK 1RB#0	0.378	0.173	0.15	22.18	23.50	0.512	Yes
Back Side	10mm	38000/2595	20M QPSK 1RB#0	**0.439**	0.201	-0.16	22.14	23.50	0.600	Yes
Back Side	10mm	38150/2610	20M QPSK 1RB#99	0.360	0.167	0.09	22.04	23.50	0.504	Yes
Back Side	10mm	37850/2580(PCC) 38048/2599.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.300	0.147	0.15	21.64	23.50	0.460	Yes
Main Antenna										
Front Side	10mm	38150/2610	20M QPSK 1RB#99	0.231	0.116	0.15	22.64	25.00	0.398	Yes
Back Side	10mm	38150/2610	20M QPSK 1RB#99	0.348	0.170	0.11	22.64	25.00	0.599	Yes
Left Side	10mm	38150/2610	20M QPSK 1RB#99	0.037	0.022	0.06	22.64	25.00	0.064	Yes
Right Side	10mm	38150/2610	20M QPSK 1RB#99	0.047	0.025	0.04	22.64	25.00	0.081	Yes
Bottom Side	10mm	37850/2580	20M QPSK 1RB#0	0.432	0.221	-0.04	21.64	25.00	0.936	Yes
Front Side	10mm	37850/2580	20M QPSK 50%RB#0	0.222	0.113	-0.16	22.37	24.00	0.323	Yes
Back Side	10mm	37850/2580	20M QPSK 50%RB#0	0.278	0.141	-0.10	22.37	24.00	0.405	Yes
Left Side	10mm	37850/2580	20M QPSK 50%RB#0	0.039	0.023	0.19	22.37	24.00	0.057	Yes
Right Side	10mm	37850/2580	20M QPSK 50%RB#0	0.053	0.029	0.11	22.37	24.00	0.076	Yes
Bottom Side	10mm	38000/2595	20M QPSK 50%RB#25	0.408	0.195	-0.05	21.29	24.00	0.761	Yes
Bottom Side	10mm	37850/2580	20M QPSK 1RB#0	0.483	0.244	-0.01	21.64	25.00	1.047	Yes
Bottom Side	10mm	38000/2595	20M QPSK 1RB#50	0.524	0.263	-0.04	21.38	25.00	1.206	No
Bottom Side	10mm	38150/2610	20M QPSK 1RB#50	**0.668**	0.340	-0.04	21.57	25.00	1.472	No
Bottom Side	10mm	37850/2580(PCC) 38048/2599.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.503	0.256	-0.01	21.13	25.00	1.226	No
Additional SAR test at a conservative distance(triggering distance minus 1mm)										
Bottom Side	12mm	38150/2610	20M QPSK 1RB#99	0.395	0.207	0.05	22.64	25.00	0.680	Yes
Bottom Side	12mm	37850/2580	20M QPSK 50%RB#0	0.366	0.194	0.06	22.37	25.00	0.671	Yes
Bottom Side	12mm	37850/2580(PCC) 38048/2599.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.398	0.208	-0.16	22.17	25.00	0.764	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										

Back Side	10mm	38000/2595	20M QPSK 1RB#0	0.367	0.185	-0.08	22.14	23.50	0.502	Yes
Back Side	10mm	38000/2595	20M QPSK 1RB#0	0.366	0.189	-0.18	22.14	23.50	0.501	Yes
Main Antenna										
Bottom Side	10mm	38150/2610	20M QPSK 1RB#50	0.481	0.251	-0.19	21.57	25.00	1.060	Yes
Bottom Side	10mm	38150/2610	20M QPSK 1RB#50	0.473	0.246	-0.17	21.57	25.00	1.042	Yes

Table 206: Product Specific 10-g SAR test reduction evaluation of LTE Band 38

Note: According to the table above, only Bottom side is required for Product Specific 10-g SAR test in this frequency band.

Product Specific 10-g SAR	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 10-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Main Antenn											
Bottom Side	0mm	38150/2610	20M QPSK 1RB#99	3.410	1.110	-0.12	22.64	23.00	1.206	Battery 1#	/
Bottom Side	0mm	37850/2580	20M QPSK 50%RB#0	3.600	1.170	-0.07	22.37	23.00	1.353	Battery 1#	/
Bottom Side	0mm	37850/2580	20M QPSK 50%RB#0	4.760	**1.530**	0.01	22.37	23.00	**1.769**	Battery 2#	Yes
Bottom Side	0mm	38000/2595	20M QPSK 50%RB#50	3.630	1.190	0.06	22.25	23.00	1.414	Battery 2#	/
Bottom Side	0mm	38150/2610	20M QPSK 50%RB#50	3.960	1.300	-0.12	22.15	23.00	1.581	Battery 2#	/
Bottom Side	0mm	37850/2580(PCC)	20M QPSK 1RB#99	4.100	1.350	-0.03	22.19	23.00	1.627	Battery 2#	/
		38048/2599.8(SCC)	20M QPSK 1RB#0								
Additional SAR test at a conservative distance(triggering distance minus 1mm)											
Bottom Side	7mm	37850/2580	20M QPSK 1RB#0	1.220	0.577	0.01	23.58	24.00	0.636	Battery 1#	/
Bottom Side	7mm	37850/2580	20M QPSK 50%RB#50	1.290	0.617	-0.08	23.33	24.00	0.720	Battery 1#	/
Bottom Side	12mm	38000/2595	20M QPSK 1RB#50	0.718	0.379	-0.05	24.46	25.00	0.429	Battery 2#	/
Bottom Side	12mm	37850/2580	20M QPSK 50%RB#50	0.510	0.269	-0.03	23.33	24.00	0.314	Battery 2#	/
Bottom Side	7mm	37850/2580(PCC)	20M QPSK 1RB#99	1.010	0.488	-0.10	23.03	24.00	0.610	Battery 2#	/
		38048/2599.8(SCC)	20M QPSK 1RB#0								
Bottom Side	12mm	37850/2580(PCC)	20M QPSK 1RB#99	0.658	0.344	0.00	23.88	25.00	0.445	Battery 2#	/
		38048/2599.8(SCC)	20M QPSK 1RB#0								
VOG-L29 test data at worst case of VOG-L04											
Main Antenna											
Bottom Side	0mm	37850/2580	20M QPSK 50%RB#0	3.640	1.240	0.09	22.37	23.00	1.434	Battery 2#	/
Bottom Side	0mm	37850/2580	20M QPSK 50%RB#0	3.530	1.220	0.13	22.37	23.00	1.410	With SIM2	/

Table 207: Product Specific 10-g SAR test results of LTE Band 38

7.2.13 SAR measurement Results of LTE Band 41

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Left cheek	40473/2578.3	20M QPSK 1RB#0	0.147	0.068	-0.15	17.75	18.50	0.175	Battery 1#	/
Left tilt	40473/2578.3	20M QPSK 1RB#0	0.180	0.084	0.09	17.75	18.50	0.214	Battery 1#	/
Right cheek	40473/2578.3	20M QPSK 1RB#0	0.246	0.114	-0.10	17.75	18.50	0.292	Battery 1#	/
Right tilt	40473/2578.3	20M QPSK 1RB#0	0.311	0.138	0.04	17.75	18.50	0.370	Battery 1#	/
Left cheek	40140/2545	20M QPSK 50%RB#0	0.170	0.081	0.01	17.97	18.50	0.192	Battery 1#	/
Left tilt	40140/2545	20M QPSK 50%RB#0	0.211	0.100	-0.01	17.97	18.50	0.238	Battery 1#	/
Right cheek	40140/2545	20M QPSK 50%RB#0	0.277	0.132	0.03	17.97	18.50	0.313	Battery 1#	/
Right tilt	40140/2545	20M QPSK 50%RB#0	0.348	0.154	0.14	17.97	18.50	0.393	Battery 1#	/
Right tilt	40140/2545	20M QPSK 50%RB#0	**0.522**	0.232	-0.02	17.97	18.50	**0.590**	Battery 2#	Yes
Right tilt	40473/2578.3	20M QPSK 50%RB#0	0.431	0.197	-0.05	17.96	18.50	0.488	Battery 2#	/
Right tilt	40807/2611.7	20M QPSK 50%RB#0	0.353	0.158	-0.18	17.77	18.50	0.418	Battery 2#	/
Right tilt	41140/2645	20M QPSK 50%RB#0	0.300	0.131	0.00	17.76	18.50	0.356	Battery 2#	/
Right tilt	40140/2545(PCC)	20M QPSK 1RB#99	0.468	0.215	0.07	17.65	18.50	0.569	Battery 2#	/
	40338/2564.8(SCC)	20M QPSK 1RB#0								
Test at the best acoustic position										
Right tilt	40140/2545	20M QPSK 50%RB#0	0.389	0.174	0.15	17.97	18.50	0.439	Battery 2#	/
Main Antenna										
Left cheek	41140/2645	20M QPSK 1RB#0	0.089	0.046	-0.08	24.31	25.00	0.104	Battery 1#	/
Left tilt	41140/2645	20M QPSK 1RB#0	0.076	0.035	0.17	24.31	25.00	0.089	Battery 1#	/
Right cheek	41140/2645	20M QPSK 1RB#0	0.139	0.074	0.19	24.31	25.00	0.163	Battery 1#	/
Right tilt	41140/2645	20M QPSK 1RB#0	0.044	0.021	0.13	24.31	25.00	0.051	Battery 1#	/
Left cheek	41140/2645	20M QPSK 50%RB#50	0.069	0.036	0.19	23.39	24.00	0.080	Battery 1#	/
Left tilt	41140/2645	20M QPSK 50%RB#50	0.061	0.029	0.16	23.39	24.00	0.070	Battery 1#	/
Right cheek	41140/2645	20M QPSK 50%RB#50	0.106	0.053	0.19	23.39	24.00	0.122	Battery 1#	/
Right tilt	41140/2645	20M QPSK 50%RB#50	0.040	0.019	0.12	23.39	24.00	0.045	Battery 1#	/
Right cheek	41140/2645	20M QPSK 1RB#0	0.118	0.059	-0.07	24.31	25.00	0.138	Battery 2#	/
Right cheek	40140/2545	20M QPSK 1RB#50	0.147	0.081	0.14	24.27	25.00	0.174	Battery 1#	/
Right cheek	40473/2578.3	20M QPSK 1RB#50	**0.153**	0.083	-0.04	24.05	25.00	**0.190**	Battery 1#	Yes
Right cheek	40807/2611.7	20M QPSK 1RB#50	0.140	0.076	-0.11	24.16	25.00	0.170	Battery 1#	/
Right cheek	40140/2545(PCC)	20M QPSK 1RB#99	0.120	0.061	0.12	24.15	25.00	0.146	Battery 1#	/
	40338/2564.8(SCC)	20M QPSK 1RB#0								
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Right tilt	40140/2545	20M QPSK 50%RB#0	0.257	0.108	0.04	17.97	18.50	0.290	Battery 2#	/
Right tilt	40140/2545	20M QPSK 50%RB#0	0.256	0.107	-0.06	17.97	18.50	0.289	Battery 2#	/
Main Antenna										
Right cheek	40473/2578.3	20M QPSK 1RB#50	0.111	0.059	0.13	24.05	25.00	0.138	Battery 1#	/
Right cheek	40473/2578.3	20M QPSK 1RB#50	0.113	0.060	0.02	24.05	25.00	0.141	With SIM2	/

Table 208: Head SAR test results of LTE Band 41

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	15mm	40473/2578.3	20M QPSK 1RB#0	0.085	0.047	0.06	22.78	23.50	0.100	Battery 1#	/
Back Side	15mm	40473/2578.3	20M QPSK 1RB#0	0.224	0.111	0.19	22.78	23.50	0.264	Battery 1#	/
Front Side	15mm	40473/2578.3	20M QPSK 50%RB#0	0.066	0.037	0.16	21.97	22.50	0.075	Battery 1#	/
Back Side	15mm	40473/2578.3	20M QPSK 50%RB#0	0.176	0.086	-0.05	21.97	22.50	0.199	Battery 1#	/
Back Side	15mm	40473/2578.3	20M QPSK 1RB#0	0.218	0.109	0.04	22.78	23.50	0.257	Battery 2#	/
Back Side	15mm	40140/2545	20M QPSK 1RB#99	**0.252**	0.127	0.18	22.71	23.50	**0.302**	Battery 1#	Yes
Back Side	15mm	40807/2611.7	20M QPSK 1RB#0	0.174	0.086	0.11	22.35	23.50	0.227	Battery 1#	/
Back Side	15mm	41140/2645	20M QPSK 1RB#99	0.152	0.071	-0.18	22.47	23.50	0.193	Battery 1#	/
Back Side	15mm	40140/2545(PCC)	20M QPSK 1RB#99	0.182	0.091	0.07	22.55	23.50	0.227	Battery 1#	/
		40338/2564.8(SCC)	20M QPSK 1RB#0								
Main Antenna											
Front Side	15mm	41140/2645	20M QPSK 1RB#0	0.211	0.111	0.16	24.31	25.00	0.247	Battery 1#	/
Back Side	15mm	41140/2645	20M QPSK 1RB#0	0.290	0.154	-0.10	24.31	25.00	0.340	Battery 1#	/
Front Side	15mm	41140/2645	20M QPSK 50%RB#50	0.156	0.082	0.08	23.39	24.00	0.180	Battery 1#	/
Back Side	15mm	41140/2645	20M QPSK 50%RB#50	0.231	0.122	0.04	23.39	24.00	0.266	Battery 1#	/
Back Side	15mm	41140/2645	20M QPSK 1RB#0	**0.315**	0.166	0.05	24.31	25.00	**0.369**	Battery 2#	Yes
Back Side	15mm	40140/2545	20M QPSK 1RB#50	0.277	0.151	0.02	24.27	25.00	0.328	Battery 2#	/
Back Side	15mm	40473/2578.3	20M QPSK 1RB#50	0.277	0.147	-0.12	24.05	25.00	0.345	Battery 2#	/
Back Side	15mm	40807/2611.7	20M QPSK 1RB#50	0.296	0.158	0.04	24.16	25.00	0.359	Battery 2#	/
Back Side	15mm	40140/2545(PCC)	20M QPSK 1RB#99	0.207	0.113	0.18	24.15	25.00	0.252	Battery 2#	/
		40338/2564.8(SCC)	20M QPSK 1RB#0								
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	15mm	40140/2545	20M QPSK 1RB#99	0.190	0.095	-0.13	22.71	23.50	0.228	Battery 1#	/
Back Side	15mm	40140/2545	20M QPSK 1RB#99	0.190	0.093	0.18	22.71	23.50	0.228	With SIM2	/
Main Antenna											
Back Side	15mm	41140/2645	20M QPSK 1RB#0	0.236	0.124	-0.08	24.31	25.00	0.277	Battery 2#	/
Back Side	15mm	41140/2645	20M QPSK 1RB#0	0.230	0.121	0.09	24.31	25.00	0.270	Battery 2#	/

Table 209: Body Worn SAR test results of LTE Band 41

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Second Antenna											
Front Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.091	0.048	0.06	20.94	21.50	0.104	Battery 1#	/
Back Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.345	0.150	0.02	20.94	21.50	0.392	Battery 1#	/
Left Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.032	0.016	-0.11	20.94	21.50	0.037	Battery 1#	/
Top Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.260	0.132	0.11	20.94	21.50	0.296	Battery 1#	/
Front Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.098	0.051	-0.19	21.03	21.50	0.109	Battery 1#	/
Back Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.282	0.126	0.17	21.03	21.50	0.314	Battery 1#	/
Left Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.034	0.016	0.12	21.03	21.50	0.038	Battery 1#	/
Top Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.244	0.127	-0.10	21.03	21.50	0.272	Battery 1#	/
Back Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.345	0.152	0.14	20.94	21.50	0.392	Battery 2#	/
Back Side	10mm	40140/2545	20M QPSK 1RB#99	**0.359**	0.160	0.14	20.77	21.50	**0.425**	Battery 2#	Yes
Back Side	10mm	40807/2611.7	20M QPSK 1RB#99	0.277	0.121	0.12	20.47	21.50	0.351	Battery 2#	/
Back Side	10mm	41140/2645	20M QPSK 1RB#99	0.223	0.094	0.10	20.65	21.50	0.271	Battery 2#	/
Back Side	10mm	40140/2545(PCC) 40338/2564.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.343	0.152	0.19	20.71	21.50	0.411	Battery 2#	/
Main Antenna											
Front Side	10mm	40140/2545	20M QPSK 1RB#50	0.270	0.138	-0.08	22.40	23.00	0.310	Battery 1#	/
Back Side	10mm	40140/2545	20M QPSK 1RB#50	0.369	0.191	0.13	22.40	23.00	0.424	Battery 1#	/
Left Side	10mm	40140/2545	20M QPSK 1RB#50	0.051	0.030	0.15	22.40	23.00	0.059	Battery 1#	/
Right Side	10mm	40140/2545	20M QPSK 1RB#50	0.062	0.034	0.17	22.40	23.00	0.071	Battery 1#	/
Bottom Side	10mm	40140/2545	20M QPSK 1RB#50	0.712	0.355	0.15	22.40	23.00	0.817	Battery 1#	/
Bottom Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.662	0.319	0.16	22.35	23.00	0.769	Battery 1#	/
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	**0.755**	0.370	0.10	22.33	23.00	**0.881**	Battery 1#	Yes
Bottom Side	10mm	41140/2645	20M QPSK 1RB#99	0.713	0.337	0.12	22.32	23.00	0.834	Battery 1#	/
Front Side	10mm	41140/2645	20M QPSK 50%RB#25	0.264	0.133	0.18	22.46	23.00	0.299	Battery 1#	/
Back Side	10mm	41140/2645	20M QPSK 50%RB#25	0.249	0.172	0.07	22.46	23.00	0.282	Battery 1#	/
Left Side	10mm	41140/2645	20M QPSK 50%RB#25	0.042	0.025	0.10	22.46	23.00	0.048	Battery 1#	/
Right Side	10mm	41140/2645	20M QPSK 50%RB#25	0.045	0.025	0.12	22.46	23.00	0.051	Battery 1#	/
Bottom Side	10mm	41140/2645	20M QPSK 50%RB#25	0.500	0.238	0.02	22.46	23.00	0.566	Battery 1#	/
Bottom Side	10mm	41140/2645	20M QPSK 100%RB#0	0.674	0.328	0.13	22.37	23.00	0.779	Battery 1#	/
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	0.667	0.321	0.19	22.33	23.00	0.778	Battery 2#	/
Bottom Side	10mm	40140/2545(PCC) 40338/2564.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.573	0.289	0.15	22.20	23.00	0.689	Battery 1#	/
VOG-L29 test data at worst case of VOG-L04											
Second Antenna											
Back Side	10mm	40140/2545	20M QPSK 1RB#99	0.288	0.128	-0.15	20.77	21.50	0.341	Battery 2#	/
Back Side	10mm	40140/2545	20M QPSK 1RB#99	0.273	0.123	0.18	20.77	21.50	0.323	With SIM2	/
Main Antenna											
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	0.498	0.239	0.02	22.33	23.00	0.581	Battery 1#	/
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	0.445	0.216	0.03	22.33	23.00	0.519	Battery 1#	/

Table 210: Hotspot SAR test results of LTE Band 41

Per KDB648474D04, when hotspot mode applies, Product Specific 10-g 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:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)										
Second Antenna										
Front Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.091	0.048	0.06	20.94	23.50	0.164	Yes
Back Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.345	0.150	0.02	20.94	23.50	0.622	Yes
Left Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.032	0.016	-0.11	20.94	23.50	0.058	Yes
Top Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.260	0.132	0.11	20.94	23.50	0.469	Yes
Front Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.098	0.051	-0.19	21.03	22.50	0.137	Yes
Back Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.282	0.126	0.17	21.03	22.50	0.396	Yes
Left Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.034	0.016	0.12	21.03	22.50	0.047	Yes
Top Side	10mm	40473/2578.3	20M QPSK 50%RB#25	0.244	0.127	-0.10	21.03	22.50	0.342	Yes
Back Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.345	0.152	0.14	20.94	23.50	0.622	Yes
Back Side	10mm	40140/2545	20M QPSK 1RB#99	**0.359**	0.160	0.14	20.77	23.50	0.673	Yes
Back Side	10mm	40807/2611.7	20M QPSK 1RB#99	0.277	0.121	0.12	20.47	23.50	0.557	Yes
Back Side	10mm	41140/2645	20M QPSK 1RB#99	0.223	0.094	0.10	20.65	23.50	0.430	Yes
Back Side	10mm	40140/2545(PCC) 40338/2564.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.343	0.152	0.19	20.71	23.50	0.652	Yes
Main Antenna										
Front Side	10mm	40140/2545	20M QPSK 1RB#50	0.270	0.138	-0.08	22.40	25.00	0.491	Yes
Back Side	10mm	40140/2545	20M QPSK 1RB#50	0.369	0.191	0.13	22.40	25.00	0.671	Yes
Left Side	10mm	40140/2545	20M QPSK 1RB#50	0.051	0.030	0.15	22.40	25.00	0.093	Yes
Right Side	10mm	40140/2545	20M QPSK 1RB#50	0.062	0.034	0.17	22.40	25.00	0.113	Yes
Bottom Side	10mm	40140/2545	20M QPSK 1RB#50	0.712	0.355	0.15	22.40	25.00	1.296	No
Bottom Side	10mm	40473/2578.3	20M QPSK 1RB#99	0.662	0.319	0.16	22.35	25.00	1.219	No
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	**0.755**	0.370	0.10	22.33	25.00	1.396	No
Bottom Side	10mm	41140/2645	20M QPSK 1RB#99	0.713	0.337	0.12	22.32	25.00	1.322	No
Front Side	10mm	41140/2645	20M QPSK 50%RB#25	0.264	0.133	0.18	22.46	24.00	0.376	Yes
Back Side	10mm	41140/2645	20M QPSK 50%RB#25	0.249	0.172	0.07	22.46	24.00	0.355	Yes
Left Side	10mm	41140/2645	20M QPSK 50%RB#25	0.042	0.025	0.10	22.46	24.00	0.060	Yes
Right Side	10mm	41140/2645	20M QPSK 50%RB#25	0.045	0.025	0.12	22.46	24.00	0.064	Yes
Bottom Side	10mm	41140/2645	20M QPSK 50%RB#25	0.500	0.238	0.02	22.46	24.00	0.713	Yes
Bottom Side	10mm	41140/2645	20M QPSK 100%RB#0	0.674	0.328	0.13	22.37	24.00	0.981	Yes
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	0.667	0.321	0.19	22.33	25.00	1.233	No
Bottom Side	10mm	40140/2545(PCC) 40338/2564.8(SCC)	20M QPSK 1RB#99 20M QPSK 1RB#0	0.573	0.289	0.15	22.20	25.00	1.092	Yes
VOG-L29 test data at worst case of VOG-L04										
Second Antenna										
Back Side	10mm	40140/2545	20M QPSK 1RB#99	0.288	0.128	-0.15	20.77	23.50	0.540	Yes
Back Side	10mm	40140/2545	20M QPSK 1RB#99	0.273	0.123	0.18	20.77	23.50	0.512	Yes

Main Antenna										
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	0.498	0.239	0.02	22.33	25.00	0.921	Yes
Bottom Side	10mm	40807/2611.7	20M QPSK 1RB#50	0.445	0.216	0.03	22.33	25.00	0.823	Yes

Table 211: Product Specific 10-g SAR test reduction evaluation of LTE Band 41

Note: According to the table above, only Bottom side is required for Product Specific 10-g SAR test in this frequency band.

Product Specific 10-g SAR	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 10-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
VOG-L04 test data from original report(report no.SYBH(Z-SAR)20181218028001-2)											
Main Antenna											
Bottom Side	0mm	41140/2645	20M QPSK 1RB#0	6.770	2.140	0.15	24.31	25.00	2.508	Battery 1#	/
Bottom Side	0mm	40140/2545	20M QPSK 1RB#50	5.610	1.930	0.10	24.27	25.00	2.283	Battery 1#	/
Bottom Side	0mm	40473/2578.3	20M QPSK 1RB#50	7.130	2.270	0.10	24.05	25.00	2.825	Battery 1#	/
Bottom Side	0mm	40807/2611.7	20M QPSK 1RB#50	7.710	**2.440**	0.12	24.16	25.00	**2.961**	Battery 1#	Yes
Bottom Side Repeat	0mm	40807/2611.7	20M QPSK 1RB#50	6.530	2.070	-0.19	24.16	25.00	2.512	Battery 1#	/
Bottom Side	0mm	41140/2645	20M QPSK 50%RB#50	4.240	1.410	0.17	23.39	24.00	1.623	Battery 1#	/
Bottom Side	0mm	41140/2645	20M QPSK 100%RB#0	4.770	1.480	0.11	23.32	24.00	1.731	Battery 1#	/
Bottom Side	0mm	40807/2611.7	20M QPSK 1RB#50	6.300	1.990	0.11	24.16	25.00	2.415	Battery 2#	/
Bottom Side	0mm	40140/2545(PCC)	20M QPSK 1RB#99	5.780	1.850	0.10	24.15	25.00	2.250	Battery 1#	/
		40338/2564.8(SCC)	20M QPSK 1RB#0								
VOG-L29 test data at worst case of VOG-L04											
Main Antenna											
Bottom Side	0mm	40807/2611.7	20M QPSK 1RB#50	5.570	1.770	-0.04	24.16	25.00	2.148	Battery 1#	/
Bottom Side	0mm	40807/2611.7	20M QPSK 1RB#50	5.380	1.690	0.16	24.16	25.00	2.051	With SIM2	/

Table 212: Product Specific 10-g SAR test results of LTE Band 41