13. DL/UL carrier aggregation

<LTE Carrier Aggregation combinations>

General Note:

1. This device supports Carrier Aggregation on Uplink and downlink for inter and intra band. For the device supports combination bands and configurations are according to 3GPP.
2. In applying the existing power measurement procedure of KDB 941225 D05A for DL CA SAR test exclusion, only the subset with the largest number of combinations of the frequency band and CCs in each row need consideration, and that configurations require power measurement should be highlighted in the below table.
3. The device support 4x4 MIMO in LTE B7/B38/B41, the below DL CA power verification is consider maximum 4x4 combination to be verify, for example: in CA_7A-7A supports different 4x4 MIMO configuration of 7A, 7A-7A, the DL CA power verification is selected 7A 4x4 + 7A 4x4 to verify uplink maximum output power with downlink carrier aggregation active does not show more than ¼ dB higher than the maximum output power without downlink carrier aggregation active

2CC Downlink Carrier Aggregation					2CC Uplink Carrier Aggregation				
Number	Combination	4X4 MIMO	Restriction	Covered by Measurement Superset	Number	Combination	4X4 MIMO	Restriction	Covered by Measurement Superset
1	CA_5A-5A				1	CA_7C	7C		
2	CA_7A-7A	7A, 7A-7A			2	CA_41C	41C		
3	CA_66A-66A								
4	CA_5B								
5	CA_7C								
6	CA_38C	38C							
7	CA_66B								
8	CA_66C								
9	CA_41A-41A	41A, 41A-41A							
10	CA_41C	41C							

<Power verification for DL Carrier Aggregation>

General Note:

1. According to KDB941225 D05A v01r02, Uplink maximum output power measurement with downlink carrier aggregation active should be measured, using the highest output channel measured without downlink carrier aggregation, to confirm that uplink maximum output power with downlink carrier aggregation active remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output measured without downlink carrier aggregation active.
2. Uplink maximum output power with downlink carrier aggregation active does not show more than ¼ dB higher than the maximum output power without downlink carrier aggregation active, therefore SAR evaluation with downlink carrier aggregation active can be excluded.
3. The device supports downlink two carrier aggregation. For power measurement were control and acknowledge data is sent on uplink channels that operate identical to specifications when downlink carrier aggregation is inactive.
4. Selected highest measured power when downlink carrier aggregation is inactive for conducted power comparison with downlink carrier aggregation is active, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.
5. For non-contiguous intra-band CA, the SCC selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band.
6. For Intra-band, contiguous CA, the downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements.

$$\text{Nominal channel spacing} = \left\lfloor \frac{BW_{Channel(1)} + BW_{Channel(2)} - 0.1\left|BW_{Channel(1)} - BW_{Channel(2)}\right|}{0.6} \right\rfloor 0.3 \ \ [\text{MHz}]$$

<Two Carrier power verification>

Configure		PCC							SCC				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	Non-Contiguous	5	10	829	20450	QPSK	1	0	5	5	891.5	2625	24.29	24.44
		7	20	2560	21350	QPSK	1	99	7	5	2622.5	2775	24.45	24.37
		66	20	1745	132322	QPSK	1	0	66	5	2197.5	67311	24.61	24.55
		41	20	2506	39750	QPSK	1	0	41	20	2636.5	41055	24.59	24.68
	Contiguous	5	10	829	20450	QPSK	1	0	5	5	881.2	2522	24.38	24.44
		7	20	2560	21350	QPSK	1	99	7	20	2660.2	3152	24.39	24.37
		38	20	2595	38000	QPSK	1	0	38	20	2614.80	38198	24.88	24.91
		66	15	1745	132322	QPSK	1	0	66	5	2154.30	66879	24.51	24.55
		66	20	1745	132322	QPSK	1	0	66	20	2164.80	66984	24.67	24.55
		41	20	2506	39750	QPSK	1	0	41	20	2525.8	39948	24.75	24.68

<Uplink Carrier Aggregation Active>

<Intra-Band Uplink carrier aggregation>

General Note:

1. The device supports intra-band uplink carrier aggregation for LTE B7/41 with a maximum of two 20MHz component carriers. For intra band contiguous carrier aggregation scenarios, 3GPP 36.101 table 6.2.2A-1 specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. 3GPP 36.101 6.2.3A allows for several dB of MPR to be applied when not-contiguous RB allocation is implemented. The conducted power and MPR setting in this device are permanently implemented pre 3GPP requirement.
2. According TCB workshop, the output power with uplink CA active was measured for the configuration with the highest reported SAR with single carrier for each exposure condition. The power was measured with wideband signal integration over both component carriers.
3. Uplink CA is only operating with power class3, and additional SAR measurement for LTE UL CA whit other DL CA combinations active were not required since the maximum output power for this configuration was not > 0.25dB higher than the maximum output power for UL CA active.

<Standalone>

<Head>

CA_7C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.29	25
21100	20902	QPSK	1	0	1	99	2	0	23.8	25
21350	21152	QPSK	1	0	1	99	2	0	23.76	25

CA_7C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.29	25
21100	20902	QPSK	1	0	1	99	2	0	23.8	25
21350	21152	QPSK	1	0	1	99	2	0	23.76	25

CA_7C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	16.41	17
21100	20902	QPSK	1	0	1	99	2	0	16.49	17
21350	21152	QPSK	1	0	1	99	2	0	16.43	17

CA_41C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.72	25
40185	39987	QPSK	1	0	1	99	2	0	24.61	25
40620	40422	QPSK	1	0	1	99	2	0	24.58	25
41055	40857	QPSK	1	0	1	99	2	0	24.48	25
41490	41292	QPSK	1	0	1	99	2	0	24.51	25

CA_41C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.72	25
40185	39987	QPSK	1	0	1	99	2	0	24.61	25
40620	40422	QPSK	1	0	1	99	2	0	24.58	25
41055	40857	QPSK	1	0	1	99	2	0	24.48	25
41490	41292	QPSK	1	0	1	99	2	0	24.51	25

CA_41C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	18.44	19.5
40185	39987	QPSK	1	0	1	99	2	0	18.41	19.5
40620	40422	QPSK	1	0	1	99	2	0	18.39	19.5
41055	40857	QPSK	1	0	1	99	2	0	18.42	19.5
41490	41292	QPSK	1	0	1	99	2	0	18.41	19.5

<Body-worn>

CA_7C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	21.73	22
21100	20902	QPSK	1	0	1	99	2	0	21.84	22
21350	21152	QPSK	1	0	1	99	2	0	21.71	22

CA_7C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.29	25
21100	20902	QPSK	1	0	1	99	2	0	23.8	25
21350	21152	QPSK	1	0	1	99	2	0	23.76	25

CA_7C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	21.22	23
21100	20902	QPSK	1	0	1	99	2	0	21.33	23
21350	21152	QPSK	1	0	1	99	2	0	21.3	23

CA_41C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	23.5	23.5
40185	39987	QPSK	1	0	1	99	2	0	23.44	23.5
40620	40422	QPSK	1	0	1	99	2	0	23.47	23.5
41055	40857	QPSK	1	0	1	99	2	0	23.39	23.5
41490	41292	QPSK	1	0	1	99	2	0	23.37	23.5

CA_41C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.72	25
40185	39987	QPSK	1	0	1	99	2	0	24.61	25
40620	40422	QPSK	1	0	1	99	2	0	24.58	25
41055	40857	QPSK	1	0	1	99	2	0	24.48	25
41490	41292	QPSK	1	0	1	99	2	0	24.51	25

CA_41C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	23.96	25
40185	39987	QPSK	1	0	1	99	2	0	23.91	25
40620	40422	QPSK	1	0	1	99	2	0	23.88	25
41055	40857	QPSK	1	0	1	99	2	0	23.94	25
41490	41292	QPSK	1	0	1	99	2	0	23.95	25

<Simultaneous Transmission is active>

<Head>

CA_7C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.29	25
21100	20902	QPSK	1	0	1	99	2	0	23.8	25
21350	21152	QPSK	1	0	1	99	2	0	23.76	25

CA_7C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.29	25
21100	20902	QPSK	1	0	1	99	2	0	23.8	25
21350	21152	QPSK	1	0	1	99	2	0	23.76	25

CA_7C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	16.41	16.5
21100	20902	QPSK	1	0	1	99	2	0	16.49	16.5
21350	21152	QPSK	1	0	1	99	2	0	16.43	16.5

CA_41C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.72	25
40185	39987	QPSK	1	0	1	99	2	0	24.61	25
40620	40422	QPSK	1	0	1	99	2	0	24.58	25
41055	40857	QPSK	1	0	1	99	2	0	24.48	25
41490	41292	QPSK	1	0	1	99	2	0	24.51	25

CA_41C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.72	25
40185	39987	QPSK	1	0	1	99	2	0	24.61	25
40620	40422	QPSK	1	0	1	99	2	0	24.58	25
41055	40857	QPSK	1	0	1	99	2	0	24.48	25
41490	41292	QPSK	1	0	1	99	2	0	24.51	25

CA_41C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	18.44	18.5
40185	39987	QPSK	1	0	1	99	2	0	18.41	18.5
40620	40422	QPSK	1	0	1	99	2	0	18.39	18.5
41055	40857	QPSK	1	0	1	99	2	0	18.42	18.5
41490	41292	QPSK	1	0	1	99	2	0	18.41	18.5

<Hotspot>

CA_7C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	21.77	22
21100	20902	QPSK	1	0	1	99	2	0	21.82	22
21350	21152	QPSK	1	0	1	99	2	0	21.73	22

CA_7C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.29	25
21100	20902	QPSK	1	0	1	99	2	0	23.8	25
21350	21152	QPSK	1	0	1	99	2	0	23.76	25

CA_7C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	20.33	20.5
21100	20902	QPSK	1	0	1	99	2	0	20.43	20.5
21350	21152	QPSK	1	0	1	99	2	0	20.4	20.5

CA_41C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	22.37	22.5
40185	39987	QPSK	1	0	1	99	2	0	22.33	22.5
40620	40422	QPSK	1	0	1	99	2	0	22.31	22.5
41055	40857	QPSK	1	0	1	99	2	0	22.32	22.5
41490	41292	QPSK	1	0	1	99	2	0	22.26	22.5

CA_41C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.72	25
40185	39987	QPSK	1	0	1	99	2	0	24.61	25
40620	40422	QPSK	1	0	1	99	2	0	24.58	25
41055	40857	QPSK	1	0	1	99	2	0	24.48	25
41490	41292	QPSK	1	0	1	99	2	0	24.51	25

CA_41C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	23.5	23.5
40185	39987	QPSK	1	0	1	99	2	0	23.42	23.5
40620	40422	QPSK	1	0	1	99	2	0	23.48	23.5
41055	40857	QPSK	1	0	1	99	2	0	23.37	23.5
41490	41292	QPSK	1	0	1	99	2	0	23.39	23.5

<Body-worn>

CA_7C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	21.77	22
21100	20902	QPSK	1	0	1	99	2	0	21.82	22
21350	21152	QPSK	1	0	1	99	2	0	21.73	22

CA_7C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.29	25
21100	20902	QPSK	1	0	1	99	2	0	23.8	25
21350	21152	QPSK	1	0	1	99	2	0	23.76	25

CA_7C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	21.22	21.5
21100	20902	QPSK	1	0	1	99	2	0	21.33	21.5
21350	21152	QPSK	1	0	1	99	2	0	21.3	21.5

CA_41C_Ant 0B										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	23.5	23.5
40185	39987	QPSK	1	0	1	99	2	0	23.44	23.5
40620	40422	QPSK	1	0	1	99	2	0	23.47	23.5
41055	40857	QPSK	1	0	1	99	2	0	23.39	23.5
41490	41292	QPSK	1	0	1	99	2	0	23.37	23.5

CA_41C_Ant 0C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.72	25
40185	39987	QPSK	1	0	1	99	2	0	24.61	25
40620	40422	QPSK	1	0	1	99	2	0	24.58	25
41055	40857	QPSK	1	0	1	99	2	0	24.48	25
41490	41292	QPSK	1	0	1	99	2	0	24.51	25

CA_41C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	23.96	24
40185	39987	QPSK	1	0	1	99	2	0	23.91	24
40620	40422	QPSK	1	0	1	99	2	0	23.88	24
41055	40857	QPSK	1	0	1	99	2	0	23.94	24
41490	41292	QPSK	1	0	1	99	2	0	23.95	24

14. RF Exposure position consideration

Distance of the Antenna to the EUT surface/edge						
Antennas	Front	Back	Top Side	Bottom Side	Right Side	Left Side
WWAN Ant 0B	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	>25mm
WWAN Ant 0C	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm	≤ 25mm
WWAN Ant 1	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
2.4GHz WLAN/BT Ant 2	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
2.4GHz WLAN Ant 4	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
5GHz WLAN Ant 4	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
5GHz WLAN Ant 5	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm

Positions for SAR tests; Hotspot mode						
Antennas	Front	Back	Top Side	Bottom Side	Right Side	Left Side
WWAN Ant 0B	Yes	Yes	No	Yes	Yes	Yes
WWAN Ant 0C	Yes	Yes	No	Yes	No	Yes
WWAN Ant 1	Yes	Yes	Yes	No	No	Yes
2.4GHz WLAN/BT Ant 2	Yes	Yes	Yes	No	No	Yes
2.4GHz WLAN Ant 4	Yes	Yes	Yes	No	Yes	No
5GHz WLAN Ant 4	Yes	Yes	Yes	No	Yes	No
5GHz WLAN Ant 5	Yes	Yes	Yes	No	No	Yes

General Note:

1. Referring to KDB 941225 D06 v02r01, when the overall device length and width are ≥ 9cm*5cm, the test distance is 10 mm. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge
2. The detail antenna location refers to operation description.

15. SAR Test Results

General Note:

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
   a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
   b. For SAR testing of signal with non-100% duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)"
   c. For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor
   d. For WLAN/Bluetooth: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor
   e. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The Reported TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
2. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
3. Pre KDB648474 D04v01r03, when the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.
4. Per KDB648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, when hotspot mode applies, 10-g product specific 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, for this device that the WWAN transmitter in hotspot mode scaled to simultaneous transmission mode power level is less than 1.2W/kg, therefore extremity SAR is not require when simultaneous transmission is active, For conservative assessment the WWAN transmitter in hotspot mode scaled to standalone power level is higher than 1.2W/kg of LTE B7/B41 and 2.4GHz WLAN, therefore, therefore, extremity SAR is for conservative testing, and simultaneous transmission analysis is not required for these test results.
5. For 5.3GHz / 5.5GHz WLAN product specific SAR is necessary too, due to an overall diagonal dimension is > 16cm.

GSM Note:

1. Per KDB 941225 D01v03r01, for SAR test reduction for GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The 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. Therefore, the GPRS (4Tx slots) for GSM850/GSM1900 is considered as the primary mode.
2. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

UMTS Note:

1. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.
2. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA, DC-HSDPA) are less than ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA.

LTE Note:

1. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
2. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
3. Per KDB 941225 D05v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
4. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is > not ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
5. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is > not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
6. For LTE B12/B14/B26//B30B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
7. LTE B2/B4/B5/B17/B38 SAR test was covered by B12/B25/B26/B66/B41; according to TCB workshop, SAR test for overlapping LTE bands can be reduced if
   a. The maximum output power, including tolerance, for the smaller band is ≤ the larger band to qualify for the SAR test exclusion.
   b. The channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band.
8. For UL CA, SAR was first measured with only a single carrier active in the uplink (CA non-active) for each exposure condition; the uplink CA scenario with two component carriers was additionally tested for the configuration with the highest SAR when UL CA was not active. The SCC was configured with the closest available contiguous channel. The two component carriers were configured so the resource blocks are physically allocated side by side to achieve the maximum output power
9. PC2: Power Class 2

WLAN Note:

1. Per KDB 248227 D01v02r02, for 2.4GHz 802.11g/n SAR testing is not required 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.
2. Per KDB 248227 D01v02r02, U-NII-1 SAR testing is not required when the U-NII-2A band highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band.
3. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
4. For all positions / configurations, 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.
5. For each antenna, transmit power in SISO operation is larger than (or equal to) the power in MIMO operation, RF exposure compliance of MIMO mode can be deduced from the compliance simultaneous transmission of antennas operating in SISO mode.
6. Per KDB 248227 D01v02r02, the simultaneous SAR provisions in KDB publication 447498 should be applied to determine simultaneous transmission SAR test exclusion for WiFi MIMO. If the sum of 1g single transmission chain SAR measurements is < 1.6W/kg and SAR peak to location ratio ≤ 0.04, no additional SAR measurements for MIMO.
7. When in MIMO SAR testing, if the hot spots are separated the scaling factor would scale each hot spot based on the difference between the power for that transmit antenna and the maximum rated power, if the hot spot were not separable or too much overlap which the scaling factor is the worst case rated power/measured power across the two chains in SAR calculation.
8. During SAR testing the WLAN transmission was verified using a spectrum analyzer.

15.1 Head SAR

<GSM SAR>

Standalone												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0C	GPRS (4 Tx slots)	Right Cheek	0mm	251	848.8	28.26	29.00	1.186	0	0.135	0.160
	GSM850_Ant 0C	GPRS (4 Tx slots)	Right Tilted	0mm	251	848.8	28.26	29.00	1.186	0.13	0.092	0.109
	GSM850_Ant 0C	GPRS (4 Tx slots)	Left Cheek	0mm	251	848.8	28.26	29.00	1.186	0.1	0.263	0.312
	GSM850_Ant 0C	GPRS (4 Tx slots)	Left Tilted	0mm	251	848.8	28.26	29.00	1.186	0.06	0.210	0.249
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	251	848.8	26.4	28.00	1.445	0.04	0.804	1.162
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	128	824.2	26.16	28.00	1.528	-0.06	0.753	1.150
01	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	189	836.4	26.18	28.00	1.521	0.03	0.768	1.168
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	251	848.8	26.4	28.00	1.445	0.02	0.334	0.483
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Cheek	0mm	251	848.8	26.4	28.00	1.445	-0.08	0.683	0.987
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Tilted	0mm	251	848.8	26.4	28.00	1.445	-0.11	0.458	0.662
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0C	GPRS (4 Tx slots)	Right Cheek	0mm	251	848.8	28.26	29.00	1.186	0	0.135	0.160
	GSM850_Ant 0C	GPRS (4 Tx slots)	Right Tilted	0mm	251	848.8	28.26	29.00	1.186	0.13	0.092	0.109
	GSM850_Ant 0C	GPRS (4 Tx slots)	Left Cheek	0mm	251	848.8	28.26	29.00	1.186	0.1	0.263	0.312
	GSM850_Ant 0C	GPRS (4 Tx slots)	Left Tilted	0mm	251	848.8	28.26	29.00	1.186	0.06	0.210	0.249
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	251	848.8	26.40	27.00	1.148	0.04	0.804	0.923
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	128	824.2	26.16	27.00	1.213	-0.06	0.753	0.914
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	189	836.4	26.18	27.00	1.208	0.03	0.768	0.928
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	251	848.8	26.40	27.00	1.148	0.02	0.334	0.383
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Cheek	0mm	251	848.8	26.40	27.00	1.148	-0.08	0.683	0.784
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Tilted	0mm	251	848.8	26.40	27.00	1.148	-0.11	0.458	0.526

Standalone												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Right Cheek	0mm	512	1850.2	25.28	26.50	1.324	0.11	0.125	0.166
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Right Tilted	0mm	512	1850.2	25.28	26.50	1.324	0.05	0.039	0.052
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Left Cheek	0mm	512	1850.2	25.28	26.50	1.324	-0.02	0.063	0.083
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Left Tilted	0mm	512	1850.2	25.28	26.50	1.324	0	0.040	0.053
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Cheek	0mm	512	1850.2	20.45	22.00	1.429	0.03	0.741	1.059
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Cheek	0mm	661	1880	20.29	22.00	1.483	-0.04	0.706	1.047
02	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Cheek	0mm	810	1909.8	20.38	22.00	1.452	0.15	0.735	1.067
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Tilted	0mm	512	1850.2	20.45	22.00	1.429	0.11	0.572	0.817
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Tilted	0mm	661	1880	20.29	22.00	1.483	-0.15	0.534	0.792
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Tilted	0mm	810	1909.8	20.38	22.00	1.452	0.08	0.521	0.757
	GSM1900_Ant 1	GPRS (4 Tx slot)	Left Cheek	0mm	512	1850.2	20.45	22.00	1.429	-0.02	0.548	0.783
	GSM1900_Ant 1	GPRS (4 Tx slot)	Left Tilted	0mm	512	1850.2	20.45	22.00	1.429	0.16	0.594	0.849
	GSM1900_Ant 1	GPRS (4 Tx slot)	Left Tilted	0mm	661	1880	20.29	22.00	1.483	0.07	0.543	0.805
	GSM1900_Ant 1	GPRS (4 Tx slot)	Left Tilted	0mm	810	1909.8	20.38	22.00	1.452	0.03	0.529	0.768
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Right Cheek	0mm	512	1850.2	25.28	26.50	1.324	0.11	0.125	0.166
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Right Tilted	0mm	512	1850.2	25.28	26.50	1.324	0.05	0.039	0.052
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Left Cheek	0mm	512	1850.2	25.28	26.50	1.324	-0.02	0.063	0.083
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Left Tilted	0mm	512	1850.2	25.28	26.50	1.324	0	0.040	0.053
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Cheek	0mm	512	1850.2	20.45	21.50	1.274	0.03	0.741	0.944
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Cheek	0mm	661	1880	20.29	21.50	1.321	-0.04	0.706	0.933
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Cheek	0mm	810	1909.8	20.38	21.50	1.294	0.15	0.735	0.951
	GSM1900_Ant 1	GPRS (4 Tx slot)	Right Tilted	0mm	512	1850.2	20.45	21.50	1.274	0.11	0.572	0.728
	GSM1900_Ant 1	GPRS (4 Tx slot)	Left Cheek	0mm	512	1850.2	20.45	21.50	1.274	-0.02	0.548	0.698
	GSM1900_Ant 1	GPRS (4 Tx slot)	Left Tilted	0mm	512	1850.2	20.45	21.50	1.274	0.16	0.594	0.756

<WCDMA SAR>

Standalone												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 0B	RMC 12.2Kbps	Right Cheek	0mm	9400	1880	24.38	25.00	1.153	0.06	0.275	0.317
	WCDMA II_Ant 0B	RMC 12.2Kbps	Right Tilted	0mm	9400	1880	24.38	25.00	1.153	0.09	0.050	0.058
	WCDMA II_Ant 0B	RMC 12.2Kbps	Left Cheek	0mm	9400	1880	24.38	25.00	1.153	-0.1	0.088	0.102
	WCDMA II_Ant 0B	RMC 12.2Kbps	Left Tilted	0mm	9400	1880	24.38	25.00	1.153	-0.08	0.043	0.050
03	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	9400	1880	17.71	19.00	1.346	0.03	0.885	1.191
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	9262	1852.4	17.56	19.00	1.393	0.03	0.847	1.180
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	9538	1907.6	17.67	19.00	1.358	0.11	0.854	1.160
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	9400	1880	17.71	19.00	1.346	0	0.733	0.987
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	9262	1852.4	17.56	19.00	1.393	0.02	0.697	0.971
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	9538	1907.6	17.67	19.00	1.358	-0.08	0.706	0.956
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	9400	1880	17.71	19.00	1.346	0.17	0.621	0.836
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	9262	1852.4	17.56	19.00	1.393	0.06	0.594	0.827
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	9538	1907.6	17.67	19.00	1.358	0.09	0.588	0.800
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	9400	1880	17.71	19.00	1.346	-0.06	0.615	0.828
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	9262	1852.4	17.56	19.00	1.393	-0.07	0.578	0.805
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	9538	1907.6	17.67	19.00	1.358	0.04	0.588	0.800
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 0B	RMC 12.2Kbps	Right Cheek	0mm	9400	1880	24.38	25.00	1.153	0.06	0.275	0.317
	WCDMA II_Ant 0B	RMC 12.2Kbps	Right Tilted	0mm	9400	1880	24.38	25.00	1.153	0.09	0.050	0.058
	WCDMA II_Ant 0B	RMC 12.2Kbps	Left Cheek	0mm	9400	1880	24.38	25.00	1.153	-0.1	0.088	0.102
	WCDMA II_Ant 0B	RMC 12.2Kbps	Left Tilted	0mm	9400	1880	24.38	25.00	1.153	-0.08	0.043	0.050
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	9400	1880	17.71	18.00	1.069	0.03	0.885	0.946
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	9262	1852.4	17.56	18.00	1.107	0.03	0.847	0.937
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	9538	1907.6	17.67	18.00	1.079	0.11	0.854	0.921
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	9400	1880	17.71	18.00	1.069	0	0.733	0.784
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	9400	1880	17.71	18.00	1.069	0.17	0.621	0.664
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	9400	1880	17.71	18.00	1.069	-0.06	0.615	0.657

Standalone												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Right Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0	0.219	0.254
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Right Tilted	0mm	1413	1732.6	24.35	25.00	1.161	-0.13	0.057	0.066
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Left Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0.11	0.118	0.137
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Left Tilted	0mm	1413	1732.6	24.35	25.00	1.161	0.17	0.055	0.064
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Right Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0	0.208	0.242
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Right Tilted	0mm	1413	1732.6	24.35	25.00	1.161	0.1	0.197	0.229
	WCDMA IV_Ant 0C	RMC12.2Kbps	Left Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0.03	0.397	0.461
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Left Tilted	0mm	1413	1732.6	24.35	25.00	1.161	-0.01	0.258	0.300
04	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	1413	1732.6	18.44	20.00	1.432	0.12	0.822	1.177
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	1312	1712.4	18.4	20.00	1.445	0.08	0.801	1.158
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	1513	1752.6	18.35	20.00	1.462	-0.01	0.798	1.167
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	1413	1732.6	18.44	20.00	1.432	-0.1	0.530	0.759
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	1413	1732.6	18.44	20.00	1.432	0.14	0.547	0.783
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	1413	1732.6	18.44	20.00	1.432	0.17	0.578	0.828
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	1312	1712.4	18.4	20.00	1.445	0.08	0.533	0.770
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	1513	1752.6	18.35	20.00	1.462	0.01	0.512	0.749
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Right Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0	0.219	0.254
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Right Tilted	0mm	1413	1732.6	24.35	25.00	1.161	-0.13	0.057	0.066
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Left Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0.11	0.118	0.137
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Left Tilted	0mm	1413	1732.6	24.35	25.00	1.161	0.17	0.055	0.064
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Right Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0	0.208	0.242
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Right Tilted	0mm	1413	1732.6	24.35	25.00	1.161	0.1	0.197	0.229
	WCDMA IV_Ant 0C	RMC12.2Kbps	Left Cheek	0mm	1413	1732.6	24.35	25.00	1.161	0.03	0.397	0.461
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Left Tilted	0mm	1413	1732.6	24.35	25.00	1.161	-0.01	0.258	0.300
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	1413	1732.6	18.44	19.00	1.138	0.12	0.822	0.935
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	1312	1712.4	18.4	19.00	1.148	0.08	0.801	0.920
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	1513	1752.6	18.35	19.00	1.161	-0.01	0.798	0.927
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	1413	1732.6	18.44	19.00	1.138	-0.1	0.530	0.603
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	1413	1732.6	18.44	19.00	1.138	0.14	0.547	0.622
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	1413	1732.6	18.44	19.00	1.138	0.17	0.578	0.658

Standalone												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA V_Ant 0C	RMC 12.2Kbps	Right Cheek	0mm	4233	846.6	24.05	25.00	1.245	-0.03	0.170	0.212
	WCDMA V_Ant 0C	RMC 12.2Kbps	Right Tilted	0mm	4233	846.6	24.05	25.00	1.245	0.04	0.128	0.159
	WCDMA V_Ant 0C	RMC 12.2Kbps	Left Cheek	0mm	4233	846.6	24.05	25.00	1.245	0.09	0.374	0.465
	WCDMA V_Ant 0C	RMC 12.2Kbps	Left Tilted	0mm	4233	846.6	24.05	25.00	1.245	0.11	0.226	0.281
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	4233	846.6	21.51	22.50	1.256	0.06	0.850	1.068
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	4132	826.4	21.49	22.50	1.262	-0.01	0.833	1.051
05	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	4182	836.4	21.46	22.50	1.271	0.06	0.842	1.070
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	4233	846.6	21.51	22.50	1.256	0.05	0.345	0.433
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	4233	846.6	21.51	22.50	1.256	0.02	0.691	0.868
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	4233	846.6	21.49	22.50	1.262	-0.08	0.664	0.838
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	4233	846.6	21.46	22.50	1.271	-0.01	0.638	0.811
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	4233	846.6	21.51	22.50	1.256	-0.14	0.552	0.693
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA V_Ant 0C	RMC 12.2Kbps	Right Cheek	0mm	4233	846.6	24.05	25.00	1.245	-0.03	0.170	0.212
	WCDMA V_Ant 0C	RMC 12.2Kbps	Right Tilted	0mm	4233	846.6	24.05	25.00	1.245	0.04	0.128	0.159
	WCDMA V_Ant 0C	RMC 12.2Kbps	Left Cheek	0mm	4233	846.6	24.05	25.00	1.245	0.09	0.374	0.465
	WCDMA V_Ant 0C	RMC 12.2Kbps	Left Tilted	0mm	4233	846.6	24.05	25.00	1.245	0.11	0.226	0.281
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	4233	846.6	21.51	22.00	1.119	0.06	0.850	0.952
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	4132	826.4	21.49	22.00	1.125	-0.01	0.833	0.937
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	4182	836.4	21.46	22.00	1.132	0.06	0.842	0.953
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	4233	846.6	21.51	22.00	1.119	0.05	0.345	0.386
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	4233	846.6	21.51	22.00	1.119	0.02	0.691	0.774
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	4233	846.6	21.51	22.00	1.119	-0.14	0.552	0.618

<FDD LTE SAR>

Standalone / Simultaneous Transmission is active														
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Right Cheek	0mm	20175	1732.5	24.42	25.00	1.143	-0.06	0.173	0.198
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Right Cheek	0mm	20175	1732.5	23.48	24.00	1.127	-0.11	0.139	0.157
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Right Tilted	0mm	20175	1732.5	24.42	25.00	1.143	-0.05	0.171	0.195
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Right Tilted	0mm	20175	1732.5	23.48	24.00	1.127	0.03	0.137	0.154
06	LTE Band 4_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	20175	1732.5	24.42	25.00	1.143	-0.02	0.387	0.442
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Left Cheek	0mm	20175	1732.5	23.48	24.00	1.127	0.02	0.313	0.353
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Left Tilted	0mm	20175	1732.5	24.42	25.00	1.143	0.1	0.206	0.235
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Left Tilted	0mm	20175	1732.5	23.48	24.00	1.127	-0.06	0.165	0.186

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Cheek	0mm	21350	2560	24.37	25.00	1.156	0.14	0.731	0.845
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Cheek	0mm	20850	2510	24.32	25.00	1.169	0.15	0.701	0.820
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Cheek	0mm	21100	2535	24.30	25.00	1.175	0.05	0.676	0.794
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Right Cheek	0mm	21350	2560	23.43	24.00	1.140	-0.12	0.584	0.666
	LTE Band 7_Ant 0B	20M	QPSK	100	0	Right Cheek	0mm	21350	2560	23.41	24.00	1.146	-0.06	0.575	0.659
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Tilted	0mm	21350	2560	24.37	25.00	1.156	-0.19	0.196	0.227
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Right Tilted	0mm	21350	2560	23.43	24.00	1.140	0.11	0.158	0.180
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Left Cheek	0mm	21350	2560	24.37	25.00	1.156	0.08	0.467	0.540
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Left Cheek	0mm	21350	2560	23.43	24.00	1.140	0.03	0.376	0.429
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Left Tilted	0mm	21350	2560	24.37	25.00	1.156	0.04	0.291	0.336
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Left Tilted	0mm	21350	2560	23.43	24.00	1.140	-0.15	0.234	0.267
	LTE Band 7C_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	21100	2535	23.80	25.00	1.318	0.14	0.629	0.829
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Right Cheek	0mm	21350	2560	24.37	25.00	1.156	0.01	0.162	0.187
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Right Cheek	0mm	21350	2560	23.43	24.00	1.140	0.12	0.130	0.148
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Right Tilted	0mm	21350	2560	24.37	25.00	1.156	0.08	0.087	0.101
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Right Tilted	0mm	21350	2560	23.43	24.00	1.140	-0.08	0.070	0.080
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Left Cheek	0mm	21350	2560	24.37	25.00	1.156	0.09	0.460	0.532
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Left Cheek	0mm	21350	2560	23.43	24.00	1.140	-0.15	0.367	0.418
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Left Tilted	0mm	21350	2560	24.37	25.00	1.156	-0.12	0.122	0.141
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Left Tilted	0mm	21350	2560	23.43	24.00	1.140	-0.17	0.098	0.112
	LTE Band 7C_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	21100	2535	23.8	25.00	1.318	0.12	0.396	0.522
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Cheek	0mm	21350	2560	16.39	17.00	1.151	0.11	0.859	0.988
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Cheek	0mm	20850	2510	16.31	17.00	1.172	0.12	0.823	0.965
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Cheek	0mm	21100	2535	16.32	17.00	1.169	0.09	0.831	0.972
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Cheek	0mm	21350	2560	16.27	17.00	1.183	0.18	0.806	0.954
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Cheek	0mm	20850	2510	16.07	17.00	1.239	0	0.801	0.992
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Cheek	0mm	21100	2535	16.19	17.00	1.205	0.14	0.809	0.975
	LTE Band 7_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	21350	2560	16.23	17.00	1.194	0	0.813	0.971
07	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Tilted	0mm	21350	2560	16.39	17.00	1.151	-0.03	0.961	1.106
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Tilted	0mm	20850	2510	16.31	17.00	1.172	-0.01	0.877	1.028
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Tilted	0mm	21100	2535	16.32	17.00	1.169	0	0.854	0.999
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Tilted	0mm	21350	2560	16.27	17.00	1.183	0.01	0.931	1.101
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Tilted	0mm	20850	2510	16.07	17.00	1.239	-0.09	0.891	1.104
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Tilted	0mm	21100	2535	16.19	17.00	1.205	-0.08	0.914	1.101
	LTE Band 7_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	21350	2560	16.23	17.00	1.194	0	0.899	1.073
	LTE Band 7_Ant 1	20M	QPSK	1	99	Left Cheek	0mm	21350	2560	16.39	17.00	1.151	0.1	0.646	0.744
	LTE Band 7_Ant 1	20M	QPSK	50	50	Left Cheek	0mm	21350	2560	16.27	17.00	1.183	0.03	0.653	0.773
	LTE Band 7_Ant 1	20M	QPSK	1	99	Left Tilted	0mm	21350	2560	16.39	17.00	1.151	0.03	0.746	0.858
	LTE Band 7_Ant 1	20M	QPSK	1	99	Left Tilted	0mm	20850	2510	16.31	17.00	1.172	-0.07	0.728	0.853
	LTE Band 7_Ant 1	20M	QPSK	1	99	Left Tilted	0mm	21100	2535	16.32	17.00	1.169	-0.01	0.711	0.832
	LTE Band 7_Ant 1	20M	QPSK	50	50	Left Tilted	0mm	21350	2560	16.27	17.00	1.183	0.07	0.673	0.797
	LTE Band 7_Ant 1	20M	QPSK	100	0	Left Tilted	0mm	21350	2560	16.23	17.00	1.194	-0.1	0.666	0.795
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	21100	2535	16.49	17.00	1.125	-0.02	0.964	1.084
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Cheek	0mm	21350	2560	24.37	25.00	1.156	0.14	0.731	0.845
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Cheek	0mm	20850	2510	24.32	25.00	1.169	0.15	0.701	0.820
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Cheek	0mm	21100	2535	24.3	25.00	1.175	0.05	0.676	0.794
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Right Cheek	0mm	21350	2560	23.43	24.00	1.140	-0.12	0.584	0.666
	LTE Band 7_Ant 0B	20M	QPSK	100	0	Right Cheek	0mm	21350	2560	23.41	24.00	1.146	-0.06	0.575	0.659
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Tilted	0mm	21350	2560	24.37	25.00	1.156	-0.19	0.196	0.227

	LTE Band 7_Ant 0B	20M	QPSK	50	50	Right Tilted	0mm	21350	2560	23.43	24.00	1.140	0.11	0.158	0.180
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Left Cheek	0mm	21350	2560	24.37	25.00	1.156	0.08	0.467	0.540
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Left Cheek	0mm	21350	2560	23.43	24.00	1.140	0.03	0.376	0.429
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Left Tilted	0mm	21350	2560	24.37	25.00	1.156	0.04	0.291	0.336
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Left Tilted	0mm	21350	2560	23.43	24.00	1.140	-0.15	0.234	0.267
	LTE Band 7C_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	21100	2535	23.8	25.00	1.318	0.14	0.629	0.829
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Right Cheek	0mm	21350	2560	24.37	25.00	1.156	0.01	0.162	0.187
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Right Cheek	0mm	21350	2560	23.43	24.00	1.140	0.12	0.130	0.148
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Right Tilted	0mm	21350	2560	24.37	25.00	1.156	0.08	0.087	0.101
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Right Tilted	0mm	21350	2560	23.43	24.00	1.140	-0.08	0.070	0.080
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Left Cheek	0mm	21350	2560	24.37	25.00	1.156	0.09	0.460	0.532
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Left Cheek	0mm	21350	2560	23.43	24.00	1.140	-0.15	0.367	0.418
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Left Tilted	0mm	21350	2560	24.37	25.00	1.156	-0.12	0.122	0.141
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Left Tilted	0mm	21350	2560	23.43	24.00	1.140	-0.17	0.098	0.112
	LTE Band 7C_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	21100	2535	23.8	25.00	1.318	0.12	0.396	0.522
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Cheek	0mm	21350	2560	16.39	16.50	1.026	0.11	0.859	0.881
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Cheek	0mm	20850	2510	16.31	16.50	1.045	0.12	0.823	0.860
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Cheek	0mm	21100	2535	16.32	16.50	1.042	0.09	0.831	0.866
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Cheek	0mm	21350	2560	16.27	16.50	1.054	0.18	0.806	0.850
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Cheek	0mm	20850	2510	16.07	16.50	1.104	0	0.801	0.884
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Cheek	0mm	21100	2535	16.19	16.50	1.074	0.14	0.809	0.869
	LTE Band 7_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	21350	2560	16.23	16.50	1.064	0	0.813	0.865
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Tilted	0mm	21350	2560	16.39	16.50	1.026	-0.03	0.961	0.986
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Tilted	0mm	20850	2510	16.31	16.50	1.045	-0.01	0.877	0.916
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Tilted	0mm	21100	2535	16.32	16.50	1.042	0	0.854	0.890
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Tilted	0mm	21350	2560	16.27	16.50	1.054	0.01	0.931	0.982
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Tilted	0mm	20850	2510	16.07	16.50	1.104	-0.09	0.891	0.984
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Tilted	0mm	21100	2535	16.19	16.50	1.074	-0.08	0.914	0.982
	LTE Band 7_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	21350	2560	16.23	16.50	1.064	0	0.899	0.957
	LTE Band 7_Ant 1	20M	QPSK	1	99	Left Cheek	0mm	21350	2560	16.39	16.50	1.026	0.1	0.646	0.663
	LTE Band 7_Ant 1	20M	QPSK	50	50	Left Cheek	0mm	21350	2560	16.27	16.50	1.054	0.03	0.653	0.689
	LTE Band 7_Ant 1	20M	QPSK	1	99	Left Tilted	0mm	21350	2560	16.39	16.50	1.026	0.03	0.746	0.765
	LTE Band 7_Ant 1	20M	QPSK	50	50	Left Tilted	0mm	21350	2560	16.27	16.50	1.054	0.07	0.673	0.710
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	21100	2535	16.49	16.50	1.002	-0.02	0.964	0.966

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Right Cheek	0mm	23095	707.5	24.45	25.00	1.135	0.08	0.177	0.201
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Right Cheek	0mm	23095	707.5	23.56	24.00	1.107	0.1	0.145	0.160
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Right Tilted	0mm	23095	707.5	24.45	25.00	1.135	-0.01	0.142	0.161
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Right Tilted	0mm	23095	707.5	23.56	24.00	1.107	-0.08	0.115	0.127
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Left Cheek	0mm	23095	707.5	24.45	25.00	1.135	-0.04	0.244	0.277
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Left Cheek	0mm	23095	707.5	23.56	24.00	1.107	-0.08	0.200	0.221
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Left Tilted	0mm	23095	707.5	24.45	25.00	1.135	0	0.162	0.184
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Left Tilted	0mm	23095	707.5	23.56	24.00	1.107	0.12	0.131	0.145
08	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	23095	707.5	23.41	24.00	1.146	0.12	0.935	1.071
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	23095	707.5	23.40	24.00	1.148	0.06	0.917	1.053
	LTE Band 12_Ant 1	10M	QPSK	50	0	Right Cheek	0mm	23095	707.5	23.38	24.00	1.153	0.01	0.908	1.047
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	23095	707.5	23.41	24.00	1.146	-0.03	0.678	0.777
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	23095	707.5	23.40	24.00	1.148	0.11	0.634	0.728
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	23095	707.5	23.41	24.00	1.146	-0.05	0.517	0.592
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	23095	707.5	23.40	24.00	1.148	0.02	0.499	0.573
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	23095	707.5	23.41	24.00	1.146	-0.18	0.402	0.460
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	23095	707.5	23.4	24.00	1.148	0.03	0.393	0.451
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Right Cheek	0mm	23095	707.5	24.45	25.00	1.135	0.08	0.177	0.201
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Right Cheek	0mm	23095	707.5	23.56	24.00	1.107	0.1	0.145	0.160
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Right Tilted	0mm	23095	707.5	24.45	25.00	1.135	-0.01	0.142	0.161
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Right Tilted	0mm	23095	707.5	23.56	24.00	1.107	-0.08	0.115	0.127
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Left Cheek	0mm	23095	707.5	24.45	25.00	1.135	-0.04	0.244	0.277
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Left Cheek	0mm	23095	707.5	23.56	24.00	1.107	-0.08	0.200	0.221
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Left Tilted	0mm	23095	707.5	24.45	25.00	1.135	0	0.162	0.184
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Left Tilted	0mm	23095	707.5	23.56	24.00	1.107	0.12	0.131	0.145
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	23095	707.5	23.41	23.50	1.021	0.12	0.935	0.955
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	23095	707.5	23.40	23.50	1.023	0.06	0.917	0.938
	LTE Band 12_Ant 1	10M	QPSK	50	0	Right Cheek	0mm	23095	707.5	23.38	23.50	1.028	0.01	0.908	0.933
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	23095	707.5	23.41	23.50	1.021	-0.03	0.678	0.692
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	23095	707.5	23.40	23.50	1.023	0.11	0.634	0.649
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	23095	707.5	23.41	23.50	1.021	-0.05	0.517	0.528
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	23095	707.5	23.40	23.50	1.023	0.02	0.499	0.511
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	23095	707.5	23.41	23.50	1.021	-0.18	0.402	0.410
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	23095	707.5	23.40	23.50	1.023	0.03	0.393	0.402

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Right Cheek	0mm	23230	782	24.41	25.00	1.146	-0.07	0.197	0.226
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Right Cheek	0mm	23230	782	23.49	24.00	1.125	0.03	0.159	0.179
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Right Tilted	0mm	23230	782	24.41	25.00	1.146	-0.18	0.163	0.187
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Right Tilted	0mm	23230	782	23.49	24.00	1.125	-0.11	0.132	0.148
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Left Cheek	0mm	23230	782	24.41	25.00	1.146	-0.04	0.293	0.336
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Left Cheek	0mm	23230	782	23.49	24.00	1.125	-0.11	0.237	0.267
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Left Tilted	0mm	23230	782	24.41	25.00	1.146	0.15	0.222	0.254
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Left Tilted	0mm	23230	782	23.49	24.00	1.125	0.13	0.179	0.201
09	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	23230	782	23.44	24.00	1.138	0.14	0.937	1.066
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	23230	782	23.39	24.00	1.151	0	0.920	1.059
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	23230	782	23.44	24.00	1.138	0.03	0.683	0.777
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	23230	782	23.39	24.00	1.151	-0.05	0.656	0.755
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	23230	782	23.44	24.00	1.138	0.05	0.617	0.702
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	23230	782	23.39	24.00	1.151	0.14	0.609	0.701
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	23230	782	23.44	24.00	1.138	-0.09	0.462	0.526
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	23230	782	23.39	24.00	1.151	0.18	0.452	0.520
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Right Cheek	0mm	23230	782	24.41	25.00	1.146	-0.07	0.197	0.226
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Right Cheek	0mm	23230	782	23.49	24.00	1.125	0.03	0.159	0.179
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Right Tilted	0mm	23230	782	24.41	25.00	1.146	-0.18	0.163	0.187
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Right Tilted	0mm	23230	782	23.49	24.00	1.125	-0.11	0.132	0.148
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Left Cheek	0mm	23230	782	24.41	25.00	1.146	-0.04	0.293	0.336
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Left Cheek	0mm	23230	782	23.49	24.00	1.125	-0.11	0.237	0.267
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Left Tilted	0mm	23230	782	24.41	25.00	1.146	0.15	0.222	0.254
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Left Tilted	0mm	23230	782	23.49	24.00	1.125	0.13	0.179	0.201
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	23230	782	23.44	23.50	1.014	0.14	0.937	0.950
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	23230	782	23.39	23.50	1.026	0	0.920	0.944
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	23230	782	23.44	23.50	1.014	0.03	0.683	0.693
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	23230	782	23.39	23.50	1.026	-0.05	0.656	0.673
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	23230	782	23.44	23.50	1.014	0.05	0.617	0.626
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	23230	782	23.39	23.50	1.026	0.14	0.609	0.625
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	23230	782	23.44	23.50	1.014	-0.09	0.462	0.468
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	23230	782	23.39	23.50	1.026	0.18	0.452	0.464

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	26340	1880	24.6	25.00	1.096	-0.05	0.259	0.284
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Right Cheek	0mm	26340	1880	23.65	24.00	1.084	-0.06	0.209	0.227
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Right Tilted	0mm	26340	1880	24.6	25.00	1.096	-0.18	0.055	0.060
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Right Tilted	0mm	26340	1880	23.65	24.00	1.084	-0.11	0.043	0.047
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Left Cheek	0mm	26340	1880	24.6	25.00	1.096	0	0.089	0.098
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Left Cheek	0mm	26340	1880	23.65	24.00	1.084	0.06	0.073	0.079
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Left Tilted	0mm	26340	1880	24.6	25.00	1.096	0.02	0.038	0.042
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Left Tilted	0mm	26340	1880	23.65	24.00	1.084	0.08	0.030	0.033
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	26340	1880	19.59	20.50	1.233	0.05	0.847	1.044
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	26140	1860	19.57	20.50	1.239	-0.01	0.832	1.031
10	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	26590	1905	19.56	20.50	1.242	0.16	0.868	1.078
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	26340	1880	19.45	20.50	1.274	0.11	0.841	1.071
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	26140	1860	19.33	20.50	1.309	0.14	0.820	1.074
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	26590	1905	19.39	20.50	1.291	-0.03	0.831	1.073
	LTE Band 25_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	26340	1880	19.42	20.50	1.282	-0.17	0.840	1.077
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	26340	1880	19.59	20.50	1.233	0.16	0.602	0.742
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	26340	1880	19.45	20.50	1.274	-0.02	0.611	0.778
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	26340	1880	19.59	20.50	1.233	-0.04	0.592	0.730
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	26340	1880	19.45	20.50	1.274	0.03	0.594	0.756
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	26340	1880	19.59	20.50	1.233	0.05	0.684	0.843
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	26140	1860	19.57	20.50	1.239	0.09	0.652	0.808
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	26590	1905	19.56	20.50	1.242	-0.05	0.656	0.815
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	26340	1880	19.45	20.50	1.274	-0.13	0.691	0.880
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	26140	1860	19.33	20.50	1.309	0.01	0.669	0.876
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	26590	1905	19.39	20.50	1.291	0.08	0.657	0.848
	LTE Band 25_Ant 1	20M	QPSK	100	0	Left Tilted	0mm	26340	1880	19.42	20.50	1.282	0.03	0.666	0.854
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	26340	1880	24.6	25.00	1.096	-0.05	0.259	0.284
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Right Cheek	0mm	26340	1880	23.65	24.00	1.084	-0.06	0.209	0.227
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Right Tilted	0mm	26340	1880	24.6	25.00	1.096	-0.18	0.055	0.060
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Right Tilted	0mm	26340	1880	23.65	24.00	1.084	-0.11	0.043	0.047
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Left Cheek	0mm	26340	1880	24.6	25.00	1.096	0	0.089	0.098
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Left Cheek	0mm	26340	1880	23.65	24.00	1.084	0.06	0.073	0.079
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Left Tilted	0mm	26340	1880	24.6	25.00	1.096	0.02	0.038	0.042
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Left Tilted	0mm	26340	1880	23.65	24.00	1.084	0.08	0.030	0.033
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	26340	1880	19.59	20.00	1.099	0.05	0.847	0.931
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	26140	1860	19.57	20.00	1.104	-0.01	0.832	0.919
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	26590	1905	19.56	20.00	1.107	0.16	0.868	0.961
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	26340	1880	19.45	20.00	1.135	0.11	0.841	0.955
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	26140	1860	19.33	20.00	1.167	0.14	0.820	0.957
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	26590	1905	19.39	20.00	1.151	-0.03	0.831	0.956
	LTE Band 25_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	26340	1880	19.42	20.00	1.143	-0.17	0.840	0.960
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	26340	1880	19.59	20.00	1.099	0.16	0.602	0.662
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	26340	1880	19.45	20.00	1.135	-0.02	0.611	0.693
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	26340	1880	19.59	20.00	1.099	-0.04	0.592	0.651
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	26340	1880	19.45	20.00	1.135	0.03	0.594	0.674
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	26340	1880	19.59	20.00	1.099	0.05	0.684	0.752
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	26340	1880	19.45	20.00	1.135	-0.13	0.691	0.784

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Right Cheek	0mm	26865	831.5	24.41	25.00	1.146	0.04	0.193	0.221
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Right Cheek	0mm	26865	831.5	23.52	24.00	1.117	-0.15	0.158	0.176
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Right Tilted	0mm	26865	831.5	24.41	25.00	1.146	0.13	0.140	0.160
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Right Tilted	0mm	26865	831.5	23.52	24.00	1.117	-0.05	0.113	0.126
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Left Cheek	0mm	26865	831.5	24.41	25.00	1.146	0.08	0.356	0.408
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Left Cheek	0mm	26865	831.5	23.52	24.00	1.117	0.03	0.286	0.319
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Left Tilted	0mm	26865	831.5	24.41	25.00	1.146	-0.11	0.236	0.270
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Left Tilted	0mm	26865	831.5	23.52	24.00	1.117	0.09	0.193	0.216
11	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Cheek	0mm	26865	831.5	23.06	24.00	1.242	0.07	0.841	1.044
	LTE Band 26_Ant 1	15M	QPSK	50	0	Right Cheek	0mm	26865	831.5	22.74	24.00	1.337	0.04	0.737	0.985
	LTE Band 26_Ant 1	15M	QPSK	75	0	Right Cheek	0mm	26865	831.5	22.71	24.00	1.346	0.01	0.711	0.957
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Tilted	0mm	26865	831.5	23.06	24.00	1.242	-0.01	0.469	0.582
	LTE Band 26_Ant 1	15M	QPSK	50	0	Right Tilted	0mm	26865	831.5	22.74	24.00	1.337	0.15	0.382	0.511
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Cheek	0mm	26865	831.5	23.06	24.00	1.242	-0.05	0.621	0.771
	LTE Band 26_Ant 1	15M	QPSK	50	0	Left Cheek	0mm	26865	831.5	22.74	24.00	1.337	-0.06	0.508	0.679
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Tilted	0mm	26865	831.5	23.06	24.00	1.242	0.07	0.538	0.668
	LTE Band 26_Ant 1	15M	QPSK	50	0	Left Tilted	0mm	26865	831.5	22.74	24.00	1.337	0.13	0.482	0.644
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Right Cheek	0mm	26865	831.5	24.41	25.00	1.146	0.04	0.193	0.221
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Right Cheek	0mm	26865	831.5	23.52	24.00	1.117	-0.15	0.158	0.176
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Right Tilted	0mm	26865	831.5	24.41	25.00	1.146	0.13	0.140	0.160
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Right Tilted	0mm	26865	831.5	23.52	24.00	1.117	-0.05	0.113	0.126
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Left Cheek	0mm	26865	831.5	24.41	25.00	1.146	0.08	0.356	0.408
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Left Cheek	0mm	26865	831.5	23.52	24.00	1.117	0.03	0.286	0.319
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Left Tilted	0mm	26865	831.5	24.41	25.00	1.146	-0.11	0.236	0.270
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Left Tilted	0mm	26865	831.5	23.52	24.00	1.117	0.09	0.193	0.216
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Cheek	0mm	26865	831.5	23.06	23.50	1.107	0.07	0.841	0.931
	LTE Band 26_Ant 1	15M	QPSK	50	0	Right Cheek	0mm	26865	831.5	22.74	23.50	1.191	0.04	0.737	0.878
	LTE Band 26_Ant 1	15M	QPSK	75	0	Right Cheek	0mm	26865	831.5	22.71	23.50	1.199	0.01	0.711	0.853
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Tilted	0mm	26865	831.5	23.06	23.50	1.107	-0.01	0.469	0.519
	LTE Band 26_Ant 1	15M	QPSK	50	0	Right Tilted	0mm	26865	831.5	22.74	23.50	1.191	0.15	0.382	0.455
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Cheek	0mm	26865	831.5	23.06	23.50	1.107	-0.05	0.621	0.687
	LTE Band 26_Ant 1	15M	QPSK	50	0	Left Cheek	0mm	26865	831.5	22.74	23.50	1.191	-0.06	0.508	0.605
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Tilted	0mm	26865	831.5	23.06	23.50	1.107	0.07	0.538	0.595
	LTE Band 26_Ant 1	15M	QPSK	50	0	Left Tilted	0mm	26865	831.5	22.74	23.50	1.191	0.13	0.482	0.574

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	132322	1745	24.55	25.00	1.109	0.02	0.209	0.232
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Right Cheek	0mm	132322	1745	23.68	24.00	1.076	0.01	0.171	0.184
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Right Tilted	0mm	132322	1745	24.55	25.00	1.109	-0.04	0.058	0.064
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Right Tilted	0mm	132322	1745	23.68	24.00	1.076	-0.02	0.047	0.051
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Left Cheek	0mm	132322	1745	24.55	25.00	1.109	0.07	0.131	0.145
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Left Cheek	0mm	132322	1745	23.68	24.00	1.076	0	0.095	0.102
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Left Tilted	0mm	132322	1745	24.55	25.00	1.109	0	0.052	0.058
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Left Tilted	0mm	132322	1745	23.68	24.00	1.076	-0.1	0.042	0.045
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132322	1745	17.96	19.00	1.271	0.03	0.789	1.002
12	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132072	1720	17.81	19.00	1.315	-0.02	0.819	1.077
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132572	1770	17.85	19.00	1.303	-0.04	0.806	1.050
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	132322	1745	17.89	19.00	1.291	0.06	0.787	1.016
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	132072	1720	17.79	19.00	1.321	-0.11	0.811	1.072
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	132572	1770	17.81	19.00	1.315	0.01	0.813	1.069
	LTE Band 66_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	132322	1745	17.77	19.00	1.327	0.1	0.802	1.065
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	132322	1745	17.96	19.00	1.271	0.06	0.584	0.742
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	132322	1745	17.89	19.00	1.291	-0.05	0.591	0.763
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	132322	1745	17.96	19.00	1.271	0.05	0.563	0.715
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	132322	1745	17.89	19.00	1.291	-0.17	0.571	0.737
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	132322	1745	17.96	19.00	1.271	0.13	0.603	0.766
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	132322	1745	17.89	19.00	1.291	-0.05	0.599	0.773
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	132322	1745	24.55	25.00	1.109	0.02	0.209	0.232
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Right Cheek	0mm	132322	1745	23.68	24.00	1.076	0.01	0.171	0.184
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Right Tilted	0mm	132322	1745	24.55	25.00	1.109	-0.04	0.058	0.064
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Right Tilted	0mm	132322	1745	23.68	24.00	1.076	-0.02	0.047	0.051
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Left Cheek	0mm	132322	1745	24.55	25.00	1.109	0.07	0.131	0.145
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Left Cheek	0mm	132322	1745	23.68	24.00	1.076	0	0.095	0.102
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Left Tilted	0mm	132322	1745	24.55	25.00	1.109	0	0.052	0.058
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Left Tilted	0mm	132322	1745	23.68	24.00	1.076	-0.1	0.042	0.045
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132322	1745	17.96	18.50	1.132	0.03	0.789	0.893
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132072	1720	17.81	18.50	1.172	-0.02	0.819	0.960
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132572	1770	17.85	18.50	1.161	-0.04	0.806	0.936
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	132322	1745	17.89	18.50	1.151	0.06	0.787	0.906
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	132072	1720	17.79	18.50	1.178	-0.11	0.811	0.955
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	132572	1770	17.81	18.50	1.172	0.01	0.813	0.953
	LTE Band 66_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	132322	1745	17.77	18.50	1.183	0.1	0.802	0.949
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	132322	1745	17.96	18.50	1.132	0.06	0.584	0.661
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	132322	1745	17.89	18.50	1.151	-0.05	0.591	0.680
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	132322	1745	17.96	18.50	1.132	0.05	0.563	0.638
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	132322	1745	17.89	18.50	1.151	-0.17	0.571	0.657
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	132322	1745	17.96	18.50	1.132	0.13	0.603	0.683
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	132322	1745	17.89	18.50	1.151	-0.05	0.599	0.689

Standalone / Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Right Cheek	0mm	132297	680.5	24.37	25	1.156	0.05	0.160	0.185
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Right Cheek	0mm	132297	680.5	23.48	24	1.127	-0.01	0.118	0.133
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Right Tilted	0mm	132297	680.5	24.37	25	1.156	0.16	0.052	0.060
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Right Tilted	0mm	132297	680.5	23.48	24	1.127	-0.14	0.037	0.042
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	133297	680.5	24.37	25	1.156	0	0.187	0.216
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Left Cheek	0mm	132297	680.5	23.48	24	1.127	0.11	0.162	0.183
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Left Tilted	0mm	132297	680.5	24.37	25	1.156	-0.08	0.074	0.086
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Left Tilted	0mm	132297	680.5	23.48	24	1.127	0	0.039	0.044
13	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	133297	680.5	24.37	25	1.156	0.01	0.789	0.912
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	132297	680.5	23.48	24	1.127	0.03	0.618	0.697
	LTE Band 71_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	132297	680.5	23.43	24	1.140	-0.04	0.622	0.709
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	132297	680.5	24.37	25	1.156	0.17	0.669	0.773
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	132297	680.5	23.48	24	1.127	-0.02	0.581	0.655
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	132297	680.5	24.37	25	1.156	0.16	0.327	0.378
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	132297	680.5	23.48	24	1.127	0.08	0.264	0.298
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	132297	680.5	24.37	25	1.156	-0.02	0.245	0.283
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	132297	680.5	23.48	24	1.127	0.06	0.208	0.234

<TDD LTE SAR>

Standalone																	
Note	Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	0.04	0.453	0.491
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Right Cheek	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.15	0.368	0.387
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.06	0.148	0.160
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Right Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	0.03	0.121	0.127
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	0.17	0.210	0.227
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Left Cheek	0mm	39750	2506	23.81	24	1.045	62.9	1.006	0.11	0.172	0.181
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Left Tilted	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.16	0.154	0.167
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Left Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.12	0.126	0.132
HPUE		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	26.13	27	1.222	42.9	1.009	0.14	0.402	0.496
UL CA		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	24.72	25	1.067	62.9	1.006	0.04	0.456	0.489
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	0.15	0.001	0.001
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Right Cheek	0mm	39750	2506	23.81	24	1.045	62.9	1.006	0.18	0.001	0.001
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.03	0.066	0.071
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Right Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.08	0.054	0.057
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.01	0.243	0.263
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Left Cheek	0mm	39750	2600	23.81	24	1.045	62.9	1.006	-0.15	0.168	0.177
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Left Tilted	0mm	39750	2600	24.68	25	1.076	62.9	1.006	-0.18	0.071	0.077
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Left Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.02	0.043	0.045
UL CA		LTE Band 41_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	24.72	25	1.067	62.9	1.006	0.04	0.236	0.253
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	18.17	19.5	1.358	62.9	1.006	0.06	0.841	1.149
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	40185	2549.5	18.15	19.5	1.365	62.9	1.006	0.13	0.792	1.087
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	40620	2593	18.07	19.5	1.390	62.9	1.006	0.04	0.807	1.128
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	41055	2636.5	18.02	19.5	1.406	62.9	1.006	0.07	0.734	1.038
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	41490	2680	18.03	19.5	1.403	62.9	1.006	0	0.732	1.033
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	39750	2506	18.13	19.5	1.371	62.9	1.006	0.07	0.791	1.091
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	40185	2549.5	18.16	19.5	1.361	62.9	1.006	0.1	0.782	1.071
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	40620	2593	18.16	19.5	1.361	62.9	1.006	-0.03	0.817	1.118
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	41055	2636.5	18.12	19.5	1.374	62.9	1.006	-0.11	0.774	1.070

		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	41490	2680	18.1	19.5	1.380	62.9	1.006	-0.1	0.692	0.961
		LTE Band 41_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	39750	2506	18.14	19.5	1.368	62.9	1.006	-0.1	0.781	1.075
	14	LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	18.17	19.5	1.358	62.9	1.006	-0.09	0.859	1.174
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	40185	2549.5	18.15	19.5	1.365	62.9	1.006	0	0.783	1.075
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	40620	2593	18.07	19.5	1.390	62.9	1.006	0	0.719	1.005
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	41055	2636.5	18.02	19.5	1.406	62.9	1.006	-0.09	0.752	1.064
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	41490	2680	18.03	19.5	1.403	62.9	1.006	-0.04	0.713	1.006
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	39750	2506	18.13	19.5	1.371	62.9	1.006	0.01	0.841	1.160
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	40185	2549.5	18.16	19.5	1.361	62.9	1.006	-0.01	0.813	1.114
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	40620	2593	18.16	19.5	1.361	62.9	1.006	-0.06	0.739	1.012
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	41055	2636.5	18.12	19.5	1.374	62.9	1.006	0.06	0.782	1.082
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	41490	2680	18.1	19.5	1.380	62.9	1.006	0.04	0.787	1.093
		LTE Band 41_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	39750	2506	18.14	19.5	1.368	62.9	1.006	0.03	0.816	1.123
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	18.17	19.5	1.358	62.9	1.006	0	0.807	1.103
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	40185	2549.5	18.15	19.5	1.365	62.9	1.006	0.13	0.713	0.979
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	40620	2593	18.07	19.5	1.390	62.9	1.006	0.11	0.711	0.994
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	41055	2636.5	18.02	19.5	1.406	62.9	1.006	0	0.732	1.035
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	41490	2680	18.03	19.5	1.403	62.9	1.006	0.13	0.721	1.017
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	39750	2506	18.13	19.5	1.371	62.9	1.006	0.12	0.738	1.018
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	40185	2549.5	18.16	19.5	1.361	62.9	1.006	-0.1	0.751	1.029
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	40620	2593	18.16	19.5	1.361	62.9	1.006	0.16	0.713	0.977
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	41055	2636.5	18.12	19.5	1.374	62.9	1.006	-0.01	0.741	1.024
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	41490	2680	18.1	19.5	1.380	62.9	1.006	0.17	0.703	0.976
		LTE Band 41_Ant 1	20M	QPSK	100	0	Left Cheek	0mm	39750	2506	18.14	19.5	1.368	62.9	1.006	0.19	0.733	1.009
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	39750	2506	18.17	19.5	1.358	62.9	1.006	0.08	0.818	1.118
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	40185	2549.5	18.15	19.5	1.365	62.9	1.006	0.11	0.730	1.002
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	40620	2593	18.07	19.5	1.390	62.9	1.006	-0.1	0.711	0.994
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	41055	2636.5	18.02	19.5	1.406	62.9	1.006	0.11	0.741	1.048
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	41490	2680	18.03	19.5	1.403	62.9	1.006	0.14	0.721	1.017
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	39750	2506	18.13	19.5	1.371	62.9	1.006	0.17	0.751	1.036
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	40185	2549.5	18.16	19.5	1.361	62.9	1.006	-0.13	0.719	0.985
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	40620	2593	18.16	19.5	1.361	62.9	1.006	-0.11	0.750	1.027
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	41055	2636.5	18.12	19.5	1.374	62.9	1.006	0.02	0.713	0.986
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	41490	2680	18.1	19.5	1.380	62.9	1.006	0.09	0.703	0.976
		LTE Band 41_Ant 1	20M	QPSK	100	0	Left Tilted	0mm	39750	2506	18.14	19.5	1.368	62.9	1.006	0.07	0.806	1.109
HPUE		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	19.94	21.5	1.432	42.9	1.009	-0.11	0.802	1.159
UL CA		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	18.44	19.5	1.276	62.9	1.006	0.08	0.837	1.075

Simultaneous Transmission is active

Note	Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	0.04	0.453	0.491
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Right Cheek	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.15	0.368	0.387
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.06	0.148	0.160
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Right Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	0.03	0.121	0.127
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	0.17	0.210	0.227
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Left Cheek	0mm	39750	2506	23.81	24	1.045	62.9	1.006	0.11	0.172	0.181
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Left Tilted	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.16	0.154	0.167
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Left Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.12	0.126	0.132
HPUE		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	26.13	27	1.222	42.9	1.009	0.14	0.402	0.496
UL CA		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	24.72	25	1.067	62.9	1.006	0.05	0.444	0.476
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	0.15	0.001	0.001
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Right Cheek	0mm	39750	2506	23.81	24	1.045	62.9	1.006	0.18	0.001	0.001
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.03	0.066	0.071
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Right Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.08	0.054	0.057
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	24.68	25	1.076	62.9	1.006	-0.01	0.243	0.263

		LTE Band 41_Ant 0C	20M	QPSK	50	0	Left Cheek	0mm	39750	2600	23.81	24	1.045	62.9	1.006	-0.15	0.168	0.177
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Left Tilted	0mm	39750	2600	24.68	25	1.076	62.9	1.006	-0.18	0.071	0.077
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Left Tilted	0mm	39750	2506	23.81	24	1.045	62.9	1.006	-0.02	0.043	0.045
UL CA		LTE Band 41_Ant 0C	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	24.72	25	1.067	62.9	1.006	0.01	0.228	0.245
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	39750	2506	18.17	18.5	1.079	62.9	1.006	0.06	0.841	0.913
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	40185	2549.5	18.15	18.5	1.084	62.9	1.006	0.13	0.792	0.864
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	40620	2593	18.07	18.5	1.104	62.9	1.006	0.04	0.807	0.896
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	41055	2636.5	18.02	18.5	1.117	62.9	1.006	0.07	0.734	0.824
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	41490	2680	18.03	18.5	1.114	62.9	1.006	0	0.732	0.821
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	39750	2506	18.13	18.5	1.089	62.9	1.006	0.07	0.791	0.867
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	40185	2549.5	18.16	18.5	1.081	62.9	1.006	0.1	0.782	0.851
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	40620	2593	18.16	18.5	1.081	62.9	1.006	-0.03	0.817	0.888
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	41055	2636.5	18.12	18.5	1.091	62.9	1.006	-0.11	0.774	0.850
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	41490	2680	18.1	18.5	1.096	62.9	1.006	-0.1	0.692	0.763
		LTE Band 41_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	39750	2506	18.14	18.5	1.086	62.9	1.006	-0.1	0.781	0.854
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	18.17	18.5	1.079	62.9	1.006	-0.09	0.859	0.932
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	40185	2549.5	18.15	18.5	1.084	62.9	1.006	0	0.783	0.854
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	40620	2593	18.07	18.5	1.104	62.9	1.006	0	0.719	0.798
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	41055	2636.5	18.02	18.5	1.117	62.9	1.006	-0.09	0.752	0.845
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	41490	2680	18.03	18.5	1.114	62.9	1.006	-0.04	0.713	0.799
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	39750	2506	18.13	18.5	1.089	62.9	1.006	0.01	0.841	0.921
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	40185	2549.5	18.16	18.5	1.081	62.9	1.006	-0.01	0.813	0.885
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	40620	2593	18.16	18.5	1.081	62.9	1.006	-0.06	0.739	0.804
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	41055	2636.5	18.12	18.5	1.091	62.9	1.006	0.06	0.782	0.859
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	41490	2680	18.1	18.5	1.096	62.9	1.006	0.04	0.787	0.868
		LTE Band 41_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	39750	2506	18.14	18.5	1.086	62.9	1.006	0.03	0.816	0.892
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	39750	2506	18.17	18.5	1.079	62.9	1.006	0	0.807	0.876
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	40185	2549.5	18.15	18.5	1.084	62.9	1.006	0.13	0.713	0.777
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	40620	2593	18.07	18.5	1.104	62.9	1.006	0.11	0.711	0.790
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	41055	2636.5	18.02	18.5	1.117	62.9	1.006	0	0.732	0.822
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	41490	2680	18.03	18.5	1.114	62.9	1.006	0.13	0.721	0.808
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	39750	2506	18.13	18.5	1.089	62.9	1.006	0.12	0.738	0.808
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	40185	2549.5	18.16	18.5	1.081	62.9	1.006	-0.1	0.751	0.817
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	40620	2593	18.16	18.5	1.081	62.9	1.006	0.16	0.713	0.776
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	41055	2636.5	18.12	18.5	1.091	62.9	1.006	-0.01	0.741	0.814
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	41490	2680	18.1	18.5	1.096	62.9	1.006	0.17	0.703	0.775
		LTE Band 41_Ant 1	20M	QPSK	100	0	Left Cheek	0mm	39750	2506	18.14	18.5	1.086	62.9	1.006	0.19	0.733	0.801
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	39750	2506	18.17	18.5	1.079	62.9	1.006	0.08	0.818	0.888
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	40185	2549.5	18.15	18.5	1.084	62.9	1.006	0.11	0.730	0.796
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	40620	2593	18.07	18.5	1.104	62.9	1.006	-0.1	0.711	0.789
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	41055	2636.5	18.02	18.5	1.117	62.9	1.006	0.11	0.741	0.833
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	41490	2680	18.03	18.5	1.114	62.9	1.006	0.14	0.721	0.808
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	39750	2506	18.13	18.5	1.089	62.9	1.006	0.17	0.751	0.823
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	40185	2549.5	18.16	18.5	1.081	62.9	1.006	-0.13	0.719	0.782
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	40620	2593	18.16	18.5	1.081	62.9	1.006	-0.11	0.750	0.816
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	41055	2636.5	18.12	18.5	1.091	62.9	1.006	0.02	0.713	0.783
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	41490	2680	18.1	18.5	1.096	62.9	1.006	0.09	0.703	0.775
		LTE Band 41_Ant 1	20M	QPSK	100	0	Left Tilted	0mm	39750	2506	18.14	18.5	1.086	62.9	1.006	0.07	0.806	0.881
HPUE		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	19.94	20.5	1.138	42.9	1.009	-0.11	0.802	0.921
UL CA		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	39750	2506	18.44	18.5	1.014	62.9	1.006	0.02	0.882	0.900

<WLAN SAR>

Standalone / Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 2	6	2437	11.40	11.50	1.023	99.2	1.008	0.05	0.198	0.204
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 2	6	2437	11.40	11.50	1.023	99.2	1.008	0.03	0.036	0.037
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 2	6	2437	11.40	11.50	1.023	99.2	1.008	-0.02	0.081	0.084
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 2	6	2437	11.40	11.50	1.023	99.2	1.008	-0.05	0.019	0.020
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	6	2437	13.20	13.50	1.072	99	1.010	0.08	0.297	0.321
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	6	2437	13.20	13.50	1.072	99	1.010	0.06	0.301	0.326
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	6	2437	13.20	13.50	1.072	99	1.010	0.15	0.427	0.462
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	6	2437	13.20	13.50	1.072	99	1.010	-0.08	0.466	0.504
15	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 2+4(2)	6	2437	14.85	15.00	1.035	99.32	1.007	-0.05	0.527	0.549
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 2+4(4)	6	2437	12.81	13.50	1.172	99.32	1.007	-0.05	0.458	0.541
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 2+4(2)	6	2437	14.85	15.00	1.035	99.32	1.007	-0.04	0.391	0.408
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 2+4(4)	6	2437	12.81	13.50	1.172	99.32	1.007	-0.04	0.364	0.430
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 2+4(2)	6	2437	14.85	15.00	1.035	99.32	1.007	-0.09	0.361	0.376
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 2+4(4)	6	2437	12.81	13.50	1.172	99.32	1.007	-0.09	0.461	0.544
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 2+4(2)	6	2437	14.85	15.00	1.035	99.32	1.007	0.07	0.398	0.415
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 2+4(4)	6	2437	12.81	13.50	1.172	99.32	1.007	0.07	0.462	0.545

Standalone / Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 4	54	5270	15.90	17.50	1.445	95.94	1.042	-0.03	0.275	0.414
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 4	54	5270	15.90	17.50	1.445	95.94	1.042	0.1	0.112	0.169
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 4	54	5270	15.90	17.50	1.445	95.94	1.042	0.19	0.076	0.114
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 4	54	5270	15.90	17.50	1.445	95.94	1.042	-0.05	0.071	0.107
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 5	54	5270	16.50	17.00	1.122	96.45	1.037	0.06	0.230	0.268
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 5	54	5270	16.50	17.00	1.122	96.45	1.037	0.01	0.114	0.133
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 5	54	5270	16.50	17.00	1.122	96.45	1.037	0.11	0.062	0.072
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 5	54	5270	16.50	17.00	1.122	96.45	1.037	0.13	0.057	0.066
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 4+5(4)	54	5270	16.15	16.50	1.084	95.45	1.048	0.1	0.381	0.433
16	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 4+5(5)	54	5270	17.72	19.50	1.507	95.45	1.048	0.1	0.286	0.452
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 4+5(4)	54	5270	16.15	16.50	1.084	95.45	1.048	0.14	0.312	0.354
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 4+5(5)	54	5270	17.72	19.50	1.507	95.45	1.048	0.14	0.255	0.403
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 4+5(4)	54	5270	16.15	16.50	1.084	95.45	1.048	-0.05	0.306	0.348
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 4+5(5)	54	5270	17.72	19.50	1.507	95.45	1.048	-0.05	0.232	0.366
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 4+5(4)	54	5270	16.15	16.50	1.084	95.45	1.048	-0.09	0.311	0.353
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 4+5(5)	54	5270	17.72	19.50	1.507	95.45	1.048	-0.09	0.242	0.382

Standalone / Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4	138	5690	11.30	13.00	1.479	92.4	1.082	0.05	0.257	0.411
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4	138	5690	11.30	13.00	1.479	92.4	1.082	-0.05	0.152	0.243
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4	138	5690	11.30	13.00	1.479	92.4	1.082	-0.1	0.122	0.195
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4	138	5690	11.30	13.00	1.479	92.4	1.082	0.09	0.089	0.142
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	138	5690	17.90	18.00	1.023	92.8	1.078	0.07	0.234	0.258
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	138	5690	17.90	18.00	1.023	92.8	1.078	0.1	0.205	0.226
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	138	5690	17.90	18.00	1.023	92.8	1.078	-0.05	0.101	0.111
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	138	5690	17.90	18.00	1.023	92.8	1.078	-0.01	0.052	0.057
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4+5(4)	138	5690	12.86	13.00	1.033	92.4	1.082	0.14	0.421	0.470
17	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4+5(5)	138	5690	19.73	20.00	1.064	92.4	1.082	0.14	0.433	0.499
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4+5(4)	138	5690	12.86	13.00	1.033	92.4	1.082	0.03	0.344	0.384
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4+5(5)	138	5690	19.73	20.00	1.064	92.4	1.082	0.03	0.412	0.474
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4+5(4)	138	5690	12.86	13.00	1.033	92.4	1.082	-0.1	0.336	0.375
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4+5(5)	138	5690	19.73	20.00	1.064	92.4	1.082	-0.1	0.143	0.165
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4+5(4)	138	5690	12.86	13.00	1.033	92.4	1.082	0.09	0.362	0.405
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4+5(5)	138	5690	19.73	20.00	1.064	92.4	1.082	0.09	0.138	0.159

Standalone / Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4	155	5775	10.30	12.00	1.479	92.4	1.082	0.1	0.247	0.395
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4	155	5775	10.30	12.00	1.479	92.4	1.082	0.08	0.253	0.405
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4	155	5775	10.30	12.00	1.479	92.4	1.082	0.09	0.113	0.181
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4	155	5775	10.30	12.00	1.479	92.4	1.082	-0.05	0.124	0.198
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	155	5775	16.50	17.00	1.122	92.8	1.078	0.12	0.239	0.289
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	155	5775	16.50	17.00	1.122	92.8	1.078	0.01	0.222	0.269
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	155	5775	16.50	17.00	1.122	92.8	1.078	0.05	0.081	0.098
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	155	5775	16.50	17.00	1.122	92.8	1.078	-0.04	0.068	0.082
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4+5(4)	155	5775	10.71	11.00	1.069	92.4	1.082	-0.04	0.369	0.427
18	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4+5(5)	155	5775	19.11	19.50	1.094	92.4	1.082	-0.04	0.373	0.442
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4+5(4)	155	5775	10.71	11.00	1.069	92.4	1.082	0.01	0.343	0.397
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4+5(5)	155	5775	19.11	19.50	1.094	92.4	1.082	0.01	0.342	0.405
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4+5(4)	155	5775	10.71	11.00	1.069	92.4	1.082	0.19	0.338	0.391
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4+5(5)	155	5775	19.11	19.50	1.094	92.4	1.082	0.19	0.128	0.152
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4+5(4)	155	5775	10.71	11.00	1.069	92.4	1.082	-0.01	0.341	0.394
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4+5(5)	155	5775	19.11	19.50	1.094	92.4	1.082	-0.01	0.159	0.188

<Bluetooth SAR>

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
19	Bluetooth	1Mbps	Right Cheek	0mm	Ant 2	39	2441	10.60	12.50	1.549	77.13	1.297	0.13	0.067	0.135
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 2	39	2441	10.60	12.50	1.549	77.13	1.297	-0.01	0.044	0.088
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 2	39	2441	10.60	12.50	1.549	77.13	1.297	-0.06	0.061	0.123
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 2	39	2441	10.60	12.50	1.549	77.13	1.297	0.08	0.054	0.108
Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 2	39	2441	11.60	12.50	1.230	77.13	1.297	0.13	0.067	0.107
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 2	39	2441	11.60	12.50	1.230	77.13	1.297	-0.01	0.044	0.070
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 2	39	2441	11.60	12.50	1.230	77.13	1.297	-0.06	0.061	0.097
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 2	39	2441	11.60	12.50	1.230	77.13	1.297	0.08	0.054	0.086

15.2 Hotspot SAR

<GSM SAR>

Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0C	GPRS (4 Tx slots)	Front	10mm	251	848.8	27.46	28.00	1.132	-0.09	0.661	0.749
20	GSM850_Ant 0C	GPRS (4 Tx lsots)	Back	10mm	251	848.8	27.46	28.00	1.132	-0.11	0.838	0.949
	GSM850_Ant 0C	GPRS (4 Tx slots)	Back	10mm	128	824.2	27.33	28.00	1.167	0.03	0.811	0.946
	GSM850_Ant 0C	GPRS (4 Tx slots)	Back	10mm	189	836.4	27.29	28.00	1.178	-0.05	0.802	0.944
	GSM850_Ant 0C	GPRS (4 Tx slots)	Left Side	10mm	251	848.8	27.46	28.00	1.132	0.11	0.210	0.238
	GSM850_Ant 0C	GPRS (4 Tx slots)	Right Side	10mm	251	848.8	27.46	28.00	1.132	0.15	0.068	0.077
	GSM850_Ant 0C	GPRS (4 Tx slots)	Bottom Side	10mm	251	848.8	27.46	28.00	1.132	-0.09	0.769	0.871
	GSM850_Ant 0C	GPRS (4 Tx slots)	Bottom Side	10mm	128	824.2	27.33	28.00	1.167	-0.11	0.723	0.844
	GSM850_Ant 0C	GPRS (4 Tx slots)	Bottom Side	10mm	189	836.4	27.29	28.00	1.178	0.02	0.745	0.877
	GSM850_Ant 1	GPRS (4 Tx slots)	Front	10mm	251	848.8	28.26	29.00	1.186	0.04	0.293	0.347
	GSM850_Ant 1	GPRS (4 Tx slots)	Back	10mm	251	848.8	28.26	29.00	1.186	-0.12	0.365	0.433
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Side	10mm	251	848.8	28.26	29.00	1.186	-0.05	0.190	0.225
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Side	10mm	251	848.8	28.26	29.00	1.186	-0.06	0.096	0.114
	GSM850_Ant 1	GPRS (4 Tx slots)	Top Side	10mm	251	848.8	28.26	29.00	1.186	0.11	0.158	0.187

Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Front	10mm	512	1850.2	25.28	26.50	1.324	-0.1	0.472	0.625
21	GSM1900_Ant 0B	GPRS (4 Tx slots)	Back	10mm	512	1850.2	25.28	26.50	1.324	0.17	0.722	0.956
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Back	10mm	661	1880	25.11	26.50	1.377	0.03	0.685	0.943
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Back	10mm	810	1909.8	25.27	26.50	1.327	-0.09	0.714	0.948
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Left Side	10mm	512	1850.2	25.28	26.50	1.324	0	0.132	0.175
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Right Side	10mm	.512	1850.2	25.28	26.50	1.324	-0.08	0.491	0.650
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Bottom Side	10mm	512	1850.2	25.28	26.50	1.324	0.09	0.369	0.489
	GSM1900_Ant 1	GPRS (4 Tx slots)	Front	10mm	661	1880	24.05	25.00	1.245	0.01	0.521	0.648
	GSM1900_Ant 1	GPRS (4 Tx slots)	Back	10mm	661	1880	24.05	25.00	1.245	-0.06	0.637	0.793
	GSM1900_Ant 1	GPRS (4 Tx slots)	Left Side	10mm	661	1880	24.05	25.00	1.245	0.14	0.445	0.554
	GSM1900_Ant 1	GPRS (4 Tx slots)	Right Side	10mm	661	1880	24.05	25.00	1.245	0	0.109	0.136
	GSM1900_Ant 1	GPRS (4 Tx slots)	Top Side	10mm	661	1880	24.05	25.00	1.245	0.19	0.751	0.935
	GSM1900_Ant 1	GPRS (4 Tx slots)	Top Side	10mm	512	1850.2	23.97	25.00	1.268	-0.08	0.727	0.922
	GSM1900_Ant 1	GPRS (4 Tx slots)	Top Side	10mm	810	1909.8	23.99	25.00	1.262	0.13	0.748	0.944

<WCDMA SAR>

Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 0B	RMC 12.2Kbps	Front	10mm	9400	1880	21.42	22.00	1.143	0.03	0.627	0.717
	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9400	1880	21.42	22.00	1.143	-0.07	0.805	0.920
	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9262	1852.4	21.23	22.00	1.194	0.11	0.784	0.936
22	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9538	1907.6	21.37	22.00	1.156	0	0.815	0.942
	WCDMA II_Ant 0B	RMC 12.2Kbps	Left Side	10mm	9400	1880	21.42	22.00	1.143	0.05	0.234	0.267
	WCDMA II_Ant 0B	RMC 12.2Kbps	Right Side	10mm	9400	1880	21.42	22.00	1.143	-0.14	0.693	0.792
	WCDMA II_Ant 0B	RMC 12.2Kbps	Bottom Side	10mm	9400	1880	21.42	22.00	1.143	0.01	0.587	0.671
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9400	1880	20.58	21.00	1.102	0.02	0.603	0.664
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9400	1880	20.58	21.00	1.102	0.18	0.714	0.786
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	9400	1880	20.58	21.00	1.102	-0.04	0.485	0.534
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Side	10mm	9400	1880	20.58	21.00	1.102	0.06	0.105	0.116
	WCDMA II_Ant 1	RMC 12.2Kbps	Top Side	10mm	9400	1880	20.58	21.00	1.102	0.04	0.822	0.905
	WCDMA II_Ant 1	RMC 12.2Kbps	Top Side	10mm	9262	1852.4	20.42	21.00	1.143	-0.02	0.821	0.938
	WCDMA II_Ant 1	RMC 12.2Kbps	Top Side	10mm	9538	1907.6	20.47	21.00	1.130	0.02	0.833	0.941

Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Front	10mm	1413	1732.6	24.35	25.00	1.161	0.03	0.516	0.599
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Back	10mm	1413	1732.6	24.35	25.00	1.161	0.09	0.646	0.750
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Left Side	10mm	1413	1732.6	24.35	25.00	1.161	-0.04	0.110	0.128
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Right Side	10mm	1413	1732.6	24.35	25.00	1.161	0.14	0.454	0.527
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Bottom Side	0mm	1413	1732.6	24.35	25.00	1.161	0.07	0.798	0.927
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Bottom Side	10mm	1312	1712.4	24.34	25.00	1.164	-0.08	0.714	0.831
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Bottom Side	10mm	1513	1752.6	24.26	25.00	1.186	0.16	0.730	0.866
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Front	10mm	1413	1732.6	24.35	25.00	1.161	0.05	0.309	0.359
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Back	10mm	1413	1732.6	24.35	25.00	1.161	0.11	0.385	0.447
	WCDMA IV_Ant 0C	RMC12.2Kbps	Left Side	10mm	1413	1732.6	24.35	25.00	1.161	-0.1	0.625	0.726
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Right Side	10mm	1413	1732.6	24.35	25.00	1.161	-0.06	0.214	0.249
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Bottom Side	10mm	1413	1732.6	24.35	25.00	1.161	0.14	0.323	0.375
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	10mm	1413	1732.6	22.5	22.50	1.000	-0.09	0.725	0.725
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	1413	1732.6	22.5	22.50	1.000	0.12	0.863	0.863
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	1312	1712.4	22.46	22.50	1.009	0.08	0.842	0.850
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	1513	1752.6	22.41	22.50	1.021	0.15	0.837	0.855
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	1413	1732.6	22.5	22.50	1.000	0.05	0.471	0.471
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Side	10mm	1413	1732.6	22.5	22.50	1.000	-0.03	0.115	0.115
23	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	1413	1732.6	22.5	22.50	1.000	0.14	0.985	0.985
	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	1312	1712.4	22.46	22.50	1.009	0.03	0.951	0.960
	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	1513	1752.6	22.41	22.50	1.021	-0.02	0.960	0.980

Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA V_Ant 0C	RMC 12.2Kbps	Front	10mm	4233	846.6	23.58	24.00	1.102	0.02	0.578	0.637
	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4233	846.6	23.58	24.00	1.102	-0.04	0.846	0.932
	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4132	826.4	23.53	24.00	1.114	0.13	0.823	0.917
24	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4182	836.4	23.54	24.00	1.112	0.13	0.857	0.953
	WCDMA V_Ant 0C	RMC 12.2Kbps	Left Side	10mm	4233	846.6	23.58	24.00	1.102	0.09	0.183	0.202
	WCDMA V_Ant 0C	RMC 12.2Kbps	Right Side	10mm	4233	846.6	23.58	24.00	1.102	-0.16	0.036	0.040
	WCDMA V_Ant 0C	RMC 12.2Kbps	Bottom Side	10mm	4233	846.6	23.58	24.00	1.102	0.02	0.751	0.827
	WCDMA V_Ant 0C	RMC 12.2Kbps	Bottom Side	10mm	4132	826.4	23.53	24.00	1.114	0.17	0.726	0.809
	WCDMA V_Ant 0C	RMC 12.2Kbps	Bottom Side	10mm	4182	836.4	23.54	24.00	1.112	0.04	0.742	0.825
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	4233	846.6	24.05	25.00	1.245	0.01	0.337	0.419
	WCDMA V_Ant 1	RMC 12.2Kbpd	Back	10mm	4233	846.6	24.05	25.00	1.245	0.11	0.425	0.529
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	4233	846.6	24.05	25.00	1.245	0.04	0.276	0.343
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Side	10mm	4233	846.6	24.05	25.00	1.245	0.15	0.134	0.167
	WCDMA V_Ant 1	RMC 12.2Kbps	Top Side	10mm	4233	846.6	24.05	25.00	1.245	0.03	0.163	0.203

<FDD LTE SAR>

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Front	10mm	20175	1732.5	24.42	25.00	1.143	0.02	0.299	0.342
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Front	10mm	20175	1732.5	23.48	24.00	1.127	-0.04	0.242	0.273
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Back	10mm	20175	1732.5	24.42	25.00	1.143	0.05	0.346	0.395
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Back	10mm	20175	1732.5	23.48	24.00	1.127	-0.11	0.305	0.344
25	LTE Band 4_Ant 0C	20M	QPSK	1	0	Left Side	10mm	20175	1732.5	24.42	25.00	1.143	-0.07	0.516	0.590
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Left Side	10mm	20175	1732.5	23.48	24.00	1.127	0.03	0.433	0.488
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Right Side	10mm	20175	1732.5	24.42	25.00	1.143	-0.02	0.295	0.337
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Right Side	10mm	20175	1732.5	23.48	24.00	1.127	0.05	0.234	0.264
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Bottom Side	10mm	20175	1732.5	24.42	25.00	1.143	0.11	0.162	0.185
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Bottom Side	10mm	20175	1732.5	23.48	24.00	1.127	0.12	0.128	0.144

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Front	10mm	21350	2560	21.64	22.00	1.086	0.17	0.426	0.463
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Front	10mm	21350	2560	21.52	22.00	1.117	0.03	0.411	0.459
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Back	10mm	21350	2560	21.64	22.00	1.086	-0.05	0.671	0.729
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Back	10mm	21350	2560	21.52	22.00	1.117	-0.04	0.684	0.764
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Left Side	10mm	21350	2600	21.64	22.00	1.086	0.08	0.105	0.114
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Left Side	10mm	21350	2560	21.52	22.00	1.117	-0.11	0.079	0.088
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Side	10mm	21350	2560	21.64	22.00	1.086	-0.15	0.847	0.920
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Side	10mm	20850	2510	21.5	22.00	1.122	0.14	0.772	0.866
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Right Side	10mm	21100	2535	21.53	22.00	1.114	-0.06	0.787	0.877
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Right Side	10mm	21350	2560	21.52	22.00	1.117	0.06	0.814	0.909
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Right Side	10mm	20850	2560	21.30	22.00	1.175	0.04	0.779	0.915
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Right Side	10mm	21100	2510	21.44	22.00	1.138	0.09	0.767	0.873
	LTE Band 7_Ant 0B	20M	QPSK	100	0	Right Side	10mm	21350	2560	21.47	22.00	1.130	0.14	0.807	0.912
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Bottom Side	10mm	21350	2560	21.64	22.00	1.086	0.12	0.236	0.256
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Bottom Side	10mm	21350	2560	21.52	22.00	1.117	0.03	0.241	0.269
	LTE Band 7C_Ant 0B	20M	QPSK	1	0	Right Side	10mm	21100	2535	21.82	22.00	1.042	0.01	0.864	0.901
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Front	10mm	21350	2560	24.37	25.00	1.156	0.14	0.410	0.474
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Front	10mm	21350	2560	23.43	24.00	1.140	0.06	0.330	0.376
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Back	10mm	21350	2560	24.37	25.00	1.156	-0.02	0.590	0.682
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Back	10mm	21350	2560	23.43	24.00	1.140	0.09	0.515	0.587
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Left Side	10mm	21350	2560	24.37	25.00	1.156	-0.03	0.666	0.770
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Left Side	10mm	21350	2560	23.43	24.00	1.140	0.16	0.536	0.611
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Right Side	10mm	21350	2560	24.37	25.00	1.156	-0.18	0.108	0.125
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Right Side	10mm	21350	2560	23.43	24.00	1.140	-0.09	0.087	0.099
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Bottom Side	10mm	21350	2560	24.37	25.00	1.156	-0.01	0.209	0.242
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Bottom Side	10mm	21350	2560	23.43	24.00	1.140	0.07	0.168	0.192
	LTE Band 7C_Ant 0C	20M	QPSK	1	0	Left Side	10mm	21100	2535	23.8	25.00	1.318	-0.18	0.554	0.730
	LTE Band 7_Ant 1	20M	QPSK	1	99	Front	10mm	21350	2560	20.47	20.50	1.007	0.05	0.439	0.442
	LTE Band 7_Ant 1	20M	QPSK	50	50	Front	10mm	21350	2560	20.28	20.50	1.052	-0.16	0.407	0.428
	LTE Band 7_Ant 1	20M	QPSK	1	99	Back	10mm	21350	2560	20.47	20.50	1.007	0.04	0.529	0.533
	LTE Band 7_Ant 1	20M	QPSK	50	50	Back	10mm	21350	2560	20.28	20.50	1.052	0.01	0.478	0.503
	LTE Band 7_Ant 1	20M	QPSK	1	99	Left Side	10mm	21350	2560	20.47	20.50	1.007	0.02	0.189	0.191
	LTE Band 7_Ant 1	20M	QPSK	50	50	Left Side	10mm	21350	2560	20.28	20.50	1.052	-0.08	0.105	0.110
	LTE Band 7_Ant 1	20M	QPSK	1	99	Right Side	10mm	21350	2560	20.47	20.50	1.007	0.14	0.064	0.064
	LTE Band 7_Ant 1	20M	QPSK	50	50	Right Side	10mm	21350	2560	20.28	20.50	1.052	-0.16	0.051	0.054
26	LTE Band 7_Ant 1	20M	QPSK	1	99	Top Side	10mm	21350	2560	20.47	20.50	1.007	-0.05	0.939	0.946
	LTE Band 7_Ant 1	20M	QPSK	1	99	Top Side	10mm	20850	2510	20.12	20.50	1.091	0.02	0.834	0.910
	LTE Band 7_Ant 1	20M	QPSK	1	99	Top Side	10mm	21100	2535	20.3	20.50	1.047	0.03	0.898	0.940
	LTE Band 7_Ant 1	20M	QPSK	50	50	Top Side	10mm	21350	2560	20.28	20.50	1.052	-0.15	0.893	0.939
	LTE Band 7_Ant 1	20M	QPSK	50	50	Top Side	10mm	20850	2510	20.05	20.50	1.109	0.16	0.816	0.905
	LTE Band 7_Ant 1	20M	QPSK	50	50	Top Side	10mm	21100	2535	20.23	20.50	1.064	0.19	0.874	0.930
	LTE Band 7_Ant 1	20M	QPSK	100	0	Top Side	10mm	21350	2560	20.2	20.50	1.072	0.09	0.882	0.945
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Top Side	10mm	21100	2535	20.47	20.50	1.007	0.1	0.910	0.916

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Front	10mm	23095	707.5	24.45	25.00	1.135	0.01	0.223	0.253
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Front	10mm	23095	707.5	23.56	24.00	1.107	0	0.181	0.200
27	LTE Band 12_Ant 0C	10M	QPSK	1	49	Back	10mm	23095	707.5	24.45	25.00	1.135	-0.11	0.289	0.328
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Back	10mm	23095	707.5	23.56	24.00	1.107	-0.08	0.236	0.261
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Left Side	10mm	23095	707.5	24.45	25.00	1.135	0	0.184	0.209
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Left Side	10mm	23095	707.5	23.56	24.00	1.107	0.02	0.150	0.166
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Right Side	10mm	23095	707.5	24.45	25.00	1.135	-0.06	0.095	0.108
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Right Side	10mm	23095	707.5	23.56	24.00	1.107	-0.19	0.077	0.085
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Bottom Side	10mm	23095	707.5	24.45	25.00	1.135	-0.17	0.262	0.297
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Bottom Side	10mm	23095	707.5	23.56	24.00	1.107	-0.17	0.213	0.236
	LTE Band 12_Ant 1	10M	QPSK	1	49	Front	10mm	23095	707.5	24.45	25.00	1.135	-0.07	0.210	0.238
	LTE Band 12_Ant 1	10M	QPSK	25	12	Front	10mm	23095	707.5	23.56	24.00	1.107	0.08	0.174	0.193
	LTE Band 12_Ant 1	10M	QPSK	1	49	Back	10mm	23095	707.5	24.45	25.00	1.135	0.02	0.235	0.267
	LTE Band 12_Ant 1	10M	QPSK	25	12	Back	10mm	23095	707.5	23.56	24.00	1.107	-0.11	0.193	0.214
	LTE Band 12_Ant 1	10M	QPSK	1	49	Left Side	10mm	23095	707.5	24.45	25.00	1.135	0.02	0.212	0.241
	LTE Band 12_Ant 1	10M	QPSK	25	12	Left Side	10mm	23095	707.5	23.56	24.00	1.107	0.19	0.171	0.189
	LTE Band 12_Ant 1	10M	QPSK	1	49	Right Side	10mm	23095	707.5	24.45	25.00	1.135	-0.03	0.092	0.104
	LTE Band 12_Ant 1	10M	QPSK	25	12	Right Side	10mm	23095	707.5	23.56	24.00	1.107	0.04	0.068	0.075
	LTE Band 12_Ant 1	10M	QPSK	1	49	Top Side	10mm	23095	707.5	24.45	25.00	1.135	-0.05	0.149	0.169
	LTE Band 12_Ant 1	10M	QPSK	25	12	Top Side	10mm	23095	707.5	23.56	24.00	1.107	-0.07	0.117	0.129

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Front	10mm	23230	782	24.41	25.00	1.146	0	0.482	0.552
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Front	10mm	23230	782	23.49	24.00	1.125	0.1	0.387	0.435
28	LTE Band 13_Ant 0C	10M	QPSK	1	0	Back	10mm	23230	782	24.41	25.00	1.146	-0.01	0.568	0.651
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Back	10mm	23230	782	23.49	24.00	1.125	0.03	0.459	0.516
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Left Side	10mm	23230	782	24.41	25.00	1.146	-0.06	0.234	0.268
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Left Side	10mm	23230	782	23.49	24.00	1.125	-0.02	0.187	0.210
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Right Side	10mm	23230	782	24.41	25.00	1.146	0.11	0.074	0.085
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Right Side	10mm	23230	782	23.49	24.00	1.125	0.16	0.060	0.067
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Bottom Side	10mm	23230	782	24.41	25.00	1.146	-0.17	0.517	0.592
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Bottom Side	10mm	23230	782	23.49	24.00	1.125	-0.19	0.417	0.469
	LTE Band 13_Ant 1	10M	QPSK	1	0	Front	10mm	23230	782	24.41	25.00	1.146	0.13	0.371	0.425
	LTE Band 13_Ant 1	10M	QPSK	25	0	Front	10mm	23230	782	23.49	24.00	1.125	-0.03	0.292	0.328
	LTE Band 13_Ant 1	10M	QPSK	1	0	Back	10mm	23230	782	24.41	25.00	1.146	-0.1	0.438	0.502
	LTE Band 13_Ant 1	10M	QPSK	25	0	Back	10mm	23230	782	23.49	24.00	1.125	0.02	0.355	0.399
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Side	10mm	23230	782	24.41	25.00	1.146	0.05	0.241	0.276
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Side	10mm	23230	782	23.49	24.00	1.125	-0.18	0.183	0.206
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Side	10mm	23230	782	24.41	25.00	1.146	0.13	0.100	0.115
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Side	10mm	23230	782	23.49	24.00	1.125	-0.07	0.082	0.092
	LTE Band 13_Ant 1	10M	QPSK	1	0	Top Side	10mm	23230	782	24.41	25.00	1.146	-0.06	0.144	0.165
	LTE Band 13_Ant 1	10M	QPSK	25	0	Top Side	10mm	23230	782	23.49	24.00	1.125	0.11	0.119	0.134

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Front	10mm	26340	1880	21.62	22.00	1.091	0.03	0.562	0.613
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Front	10mm	26340	1880	21.47	22.00	1.130	-0.02	0.571	0.645
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26340	1880	21.62	22.00	1.091	0.17	0.745	0.813
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26140	1860	21.53	22.00	1.114	0.05	0.753	0.839
29	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26590	1905	21.54	22.00	1.112	0.05	0.861	0.957
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26340	1880	21.47	22.00	1.130	-0.02	0.728	0.822
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26140	1860	21.39	22.00	1.151	-0.14	0.716	0.824
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26590	1905	21.41	22.00	1.146	0.03	0.831	0.952
	LTE Band 25_Ant 0B	20M	QPSK	100	0	Back	10mm	26340	1880	21.45	22.00	1.135	0.01	0.819	0.930
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Left Side	10mm	26340	1880	21.62	22.00	1.091	-0.18	0.110	0.120
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Left Side	10mm	26340	1880	21.47	22.00	1.130	0.06	0.121	0.137
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Right Side	10mm	26340	1880	21.62	22.00	1.091	-0.02	0.583	0.636
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Right Side	10mm	26340	1880	21.47	22.00	1.130	-0.04	0.591	0.668
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Bottom Side	10mm	26340	1880	21.62	22.00	1.091	0.08	0.584	0.637
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Bottom Side	10mm	26340	1880	21.47	22.00	1.130	-0.01	0.589	0.665
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	26340	1880	21.89	22.50	1.151	0.01	0.593	0.682
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	26340	1880	21.79	22.50	1.178	-0.05	0.576	0.678
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	26340	1880	21.89	22.50	1.151	-0.13	0.688	0.792
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	26340	1880	21.79	22.50	1.178	0.02	0.663	0.781
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Side	10mm	26340	1880	21.89	22.50	1.151	0.18	0.572	0.658
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Side	10mm	26340	1880	21.79	22.50	1.178	-0.05	0.534	0.629
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Side	10mm	26340	1880	21.89	22.50	1.151	0.11	0.104	0.120
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Side	10mm	26340	1880	21.79	22.50	1.178	0.08	0.067	0.079
	LTE Band 25_Ant 1	20M	QPSK	1	0	Top Side	10mm	26340	1880	21.89	22.50	1.151	-0.13	0.817	0.940
	LTE Band 25_Ant 1	20M	QPSK	1	0	Top Side	10mm	26140	1860	21.72	22.50	1.197	0.02	0.792	0.948
	LTE Band 25_Ant 1	20M	QPSK	1	0	Top Side	10mm	26590	1905	21.87	22.50	1.156	0.13	0.823	0.951
	LTE Band 25_Ant 1	20M	QPSK	50	0	Top Side	10mm	26340	1880	21.79	22.50	1.178	0.09	0.796	0.937
	LTE Band 25_Ant 1	20M	QPSK	50	0	Top Side	10mm	26140	1860	21.69	22.50	1.205	0.04	0.776	0.935
	LTE Band 25_Ant 1	20M	QPSK	50	0	Top Side	10mm	26590	1905	21.74	22.50	1.191	-0.08	0.792	0.943
	LTE Band 25_Ant 1	20M	QPSK	100	0	Top Side	10mm	26340	1880	21.78	22.50	1.180	0.11	0.784	0.925

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Front	10mm	26865	831.5	24.41	25.00	1.146	0.03	0.651	0.746
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Front	10mm	26865	831.5	23.52	24.00	1.117	-0.05	0.532	0.594
30	LTE Band 26_Ant 0C	15M	QPSK	1	0	Back	10mm	26865	831.5	24.41	25.00	1.146	-0.09	0.859	0.984
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Back	10mm	26865	831.5	23.52	24.00	1.117	0.01	0.711	0.794
	LTE Band 26_Ant 0C	15M	QPSK	75	0	Back	10mm	26865	831.5	23.47	24.00	1.130	0.18	0.705	0.797
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Left Side	10mm	26865	831.5	24.41	25.00	1.146	-0.05	0.248	0.284
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Left Side	10mm	26865	831.5	23.52	24.00	1.117	0.17	0.196	0.219
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Right Side	10mm	26865	831.5	24.41	25.00	1.146	0.13	0.096	0.110
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Right Side	10mm	26865	831.5	23.52	24.00	1.117	-0.02	0.067	0.075
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Bottom Side	10mm	26865	831.5	24.41	25.00	1.146	-0.08	0.719	0.824
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Bottom Side	10mm	26865	831.5	23.52	24.00	1.117	0.04	0.554	0.619
	LTE Band 26_Ant 0C	15M	QPSK	75	0	Bottom Side	10mm	26865	831.5	23.47	24.00	1.130	0.11	0.541	0.611
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	26865	831.5	24.41	25.00	1.146	0.04	0.317	0.363
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	26865	831.5	23.52	24.00	1.117	-0.13	0.256	0.286
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	26865	831.5	24.41	25.00	1.146	-0.14	0.441	0.505
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	26865	831.5	23.52	24.00	1.117	-0.06	0.358	0.400
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	10mm	26865	831.5	24.41	25.00	1.146	0.03	0.269	0.308
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Side	10mm	26865	831.5	23.52	24.00	1.117	0.05	0.212	0.237
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Side	10mm	26865	831.5	24.41	25.00	1.146	0.17	0.113	0.129
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Side	10mm	26865	831.5	23.52	24.00	1.117	-0.09	0.088	0.098
	LTE Band 26_Ant 1	15M	QPSK	1	0	Top Side	10mm	26865	831.5	24.41	25.00	1.146	0.16	0.150	0.172
	LTE Band 26_Ant 1	15M	QPSK	36	0	Top Side	10mm	26865	831.5	23.52	24.00	1.117	0.04	0.116	0.130

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Front	10mm	132322	1745	24.55	25.00	1.109	0.06	0.643	0.713
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Front	10mm	132322	1745	23.68	24.00	1.076	0	0.525	0.565
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Back	10mm	132322	1745	24.55	25.00	1.109	-0.02	0.662	0.734
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Back	10mm	132322	1745	23.68	24.00	1.076	0.08	0.542	0.583
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Left Side	10mm	132322	1745	24.55	25.00	1.109	-0.02	0.157	0.174
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Left Side	10mm	132322	1745	23.68	24.00	1.076	0.04	0.128	0.138
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Right Side	10mm	132322	1745	24.55	25.00	1.109	0.03	0.549	0.609
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Right Side	10mm	132322	1745	23.68	24.00	1.076	-0.05	0.450	0.484
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Bottom Side	10mm	132322	1745	24.55	25.00	1.109	-0.11	0.751	0.833
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Bottom Side	10mm	132072	1720	24.49	25.00	1.125	0.15	0.746	0.839
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Bottom Side	10mm	132572	1770	24.46	25.00	1.132	0.05	0.764	0.865
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Bottom Side	10mm	132322	1745	23.68	24.00	1.076	-0.16	0.615	0.662
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Bottom Side	10mm	132072	1720	23.63	24.00	1.089	-0.05	0.612	0.666
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Bottom Side	10mm	132572	1770	23.53	24.00	1.114	0.04	0.617	0.688
	LTE Band 66_Ant 0B	20M	QPSK	100	0	Bottom Side	10mm	132322	1745	23.6	24.00	1.096	0.02	0.604	0.662
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	132322	1745	21.91	22.50	1.146	0.02	0.609	0.698
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	132322	1745	21.91	22.50	1.146	-0.17	0.582	0.667
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	132322	1745	21.91	22.50	1.146	0.13	0.663	0.759
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	132322	1745	21.91	22.50	1.146	-0.03	0.672	0.770
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	132322	1745	21.91	22.50	1.146	0.05	0.516	0.591
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Side	10mm	132322	1745	21.91	22.50	1.146	-0.18	0.534	0.612
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Side	10mm	132322	1745	21.91	22.50	1.146	-0.14	0.096	0.110
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Side	10mm	132322	1745	21.91	22.50	1.146	0.13	0.074	0.085
	LTE Band 66_Ant 1	20M	QPSK	1	0	Top Side	10mm	132322	1745	21.91	22.50	1.146	0.06	0.824	0.944
31	LTE Band 66_Ant 1	20M	QPSK	1	0	Top Side	10mm	132072	1720	21.79	22.50	1.178	0.13	0.831	0.979
	LTE Band 66_Ant 1	20M	QPSK	1	0	Top Side	10mm	132572	1770	21.83	22.50	1.167	0.08	0.816	0.952
	LTE Band 66_Ant 1	20M	QPSK	50	0	Top Side	10mm	132322	1745	21.89	22.50	1.151	0.03	0.809	0.931
	LTE Band 66_Ant 1	20M	QPSK	50	0	Top Side	10mm	132072	1720	21.81	22.50	1.172	-0.04	0.801	0.939
	LTE Band 66_Ant 1	20M	QPSK	50	0	Top Side	10mm	132572	1770	21.85	22.50	1.161	0.04	0.814	0.945
	LTE Band 66_Ant 1	20M	QPSK	100	0	Top Side	10mm	132322	1745	21.86	22.50	1.159	-0.05	0.803	0.930

Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Front	10mm	133297	680.5	24.37	25.00	1.156	0.02	0.245	0.283
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Front	10mm	133297	680.5	23.48	24.00	1.127	-0.04	0.205	0.231
32	LTE Band 71_Ant 0C	20M	QPSK	1	0	Back	10mm	133297	680.5	24.37	25.00	1.156	-0.07	0.333	0.385
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Back	10mm	133297	680.5	23.48	24.00	1.127	0.13	0.272	0.307
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Left Side	10mm	133297	680.5	24.37	25.00	1.156	-0.05	0.228	0.264
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Left Side	10mm	133297	680.5	23.48	24.00	1.127	0.16	0.182	0.205
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Right Side	10mm	133297	680.5	24.37	25.00	1.156	-0.08	0.105	0.121
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Right Side	10mm	133297	680.5	23.48	24.00	1.127	0.17	0.074	0.083
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Bottom Side	10mm	133297	680.5	24.37	25.00	1.156	0.16	0.261	0.302
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Bottom Side	10mm	133297	680.5	23.48	24.00	1.127	0.06	0.218	0.246
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	133297	680.5	24.37	25.00	1.156	-0.05	0.178	0.206
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	133297	680.5	23.48	24.00	1.127	-0.14	0.142	0.160
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	133297	680.5	24.37	25.00	1.156	-0.04	0.214	0.247
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	133297	680.5	23.48	24.00	1.127	0.16	0.175	0.197
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	133297	680.5	24.37	25.00	1.156	0.09	0.128	0.148
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Side	10mm	133297	680.5	23.48	24.00	1.127	-0.05	0.104	0.117
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Side	10mm	133297	680.5	24.37	25.00	1.156	0.08	0.042	0.049
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Side	10mm	133297	680.5	23.48	24.00	1.127	0.01	0.028	0.032
	LTE Band 71_Ant 1	20M	QPSK	1	0	Top Side	10mm	133297	680.5	24.37	25.00	1.156	-0.03	0.096	0.111
	LTE Band 71_Ant 1	20M	QPSK	50	0	Top Side	10mm	133297	680.5	23.48	24.00	1.127	0	0.068	0.077

<TDD LTE SAR>

Simultaneous Transmission is active																		
Note	Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Front	10mm	39750	2506	22.4	22.50	1.023	62.9	1.006	0.04	0.418	0.430
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Front	10mm	39750	2506	22.25	22.50	1.059	62.9	1.006	-0.06	0.434	0.462
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	39750	2506	22.4	22.50	1.023	62.9	1.006	0.17	0.567	0.584
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Back	10mm	39750	2506	22.25	22.50	1.059	62.9	1.006	0.05	0.559	0.596
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Left Side	10mm	39750	2506	22.4	22.50	1.023	62.9	1.006	-0.02	0.086	0.089
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Left Side	10mm	39750	2506	22.25	22.50	1.059	62.9	1.006	0.08	0.083	0.088
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Side	10mm	39750	2506	22.4	22.50	1.023	62.9	1.006	0.03	0.791	0.814
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Side	10mm	40185	2549.5	22.38	22.50	1.028	62.9	1.006	-0.05	0.802	0.829
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Side	10mm	40620	2593	22.37	22.50	1.030	62.9	1.006	0.16	0.814	0.844
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Side	10mm	41055	2636.5	22.33	22.50	1.040	62.9	1.006	-0.11	0.886	0.927
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Side	10mm	41490	2680	22.31	22.50	1.045	62.9	1.006	-0.04	0.843	0.886
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Right Side	10mm	39750	2506	22.25	22.50	1.059	62.9	1.006	0.11	0.803	0.856
		LTE Band 41_Ant 0B	20M	QPSK	100	0	Right Side	10mm	39750	2506	22.26	22.50	1.057	62.9	1.006	-0.05	0.811	0.862
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Bottom Side	10mm	39750	2506	22.4	22.50	1.023	62.9	1.006	-0.13	0.331	0.341
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Bottom Side	10mm	39750	2506	22.25	22.50	1.059	62.9	1.006	-0.01	0.335	0.357
HPUE		LTE Band 41_Ant 0B	20M	QPSK	1	0	Right Side	10mm	40620	2593	23.67	24.50	1.211	42.9	1.009	-0.11	0.759	0.927
		LTE Band 41C_Ant 0B	20M	QPSK	1	0	Right Side	10mm	39750	2506	22.37	22.50	1.030	62.9	1.006	0.06	0.883	0.915
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Front	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.12	0.168	0.182
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Front	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	0.15	0.138	0.145
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Back	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.1	0.317	0.343
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Back	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	0.08	0.274	0.288
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Left Side	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.09	0.073	0.079
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Left Side	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	-0.15	0.060	0.063
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Right Side	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	0.09	0.455	0.493
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Right Side	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	-0.13	0.372	0.391
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Bottom Side	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.11	0.084	0.091
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Bottom Side	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	0.14	0.069	0.073
		LTE Band 41C_Ant 0C	20M	QPSK	1	0	Right Side	10mm	39750	2506	24.72	25.00	1.067	62.9	1.006	0.05	0.446	0.479
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	0	0.564	0.567
		LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	0.03	0.532	0.540
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	-0.14	0.683	0.687
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	0.11	0.662	0.672
		LTE Band 41_Ant 1	20M	QPSK	1	0	Left Side	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	0.05	0.245	0.246
		LTE Band 41_Ant 1	20M	QPSK	50	0	Left Side	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	-0.16	0.233	0.237
		LTE Band 41_Ant 1	20M	QPSK	1	0	Right Side	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	0.02	0.141	0.142
		LTE Band 41_Ant 1	20M	QPSK	50	0	Right Side	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	0.17	0.136	0.138
	33	LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	0	0.969	0.975
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	10mm	40185	2549.5	23.47	23.50	1.007	62.9	1.006	0.14	0.739	0.748
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	10mm	40620	2593	23.46	23.50	1.009	62.9	1.006	-0.05	0.954	0.968
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	10mm	41055	2636.5	23.47	23.50	1.007	62.9	1.006	0.06	0.929	0.941
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	10mm	41490	2680	23.49	23.50	1.002	62.9	1.006	0.08	0.962	0.970
		LTE Band 41_Ant 1	20M	QPSK	50	0	Top Side	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	-0.11	0.914	0.928
		LTE Band 41_Ant 1	20M	QPSK	50	0	Top Side	10mm	40185	2549.5	23.42	23.50	1.019	62.9	1.006	0.18	0.721	0.739
		LTE Band 41_Ant 1	20M	QPSK	50	0	Top Side	10mm	40620	2593	23.44	23.50	1.014	62.9	1.006	0.02	0.942	0.961
		LTE Band 41_Ant 1	20M	QPSK	50	0	Top Side	10mm	41055	2636.5	23.46	23.50	1.009	62.9	1.006	-0.04	0.916	0.930
		LTE Band 41_Ant 1	20M	QPSK	50	0	Top Side	10mm	41490	2680	23.46	23.50	1.009	62.9	1.006	-0.05	0.941	0.955
		LTE Band 41_Ant 1	20M	QPSK	100	0	Top Side	10mm	39750	2506	23.44	23.50	1.014	62.9	1.006	0.16	0.906	0.924
HPUE		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	10mm	39750	2506	24.60	25.50	1.230	42.9	1.009	-0.05	0.781	0.969
		LTE Band 41C_Ant 1	20M	QPSK	1	0	Top Side	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	-0.02	0.958	0.964

<WLAN SAR>

Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2	6	2437	15.20	15.50	1.072	99.2	1.008	0.11	0.078	0.084
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2	6	2437	15.20	15.50	1.072	99.2	1.008	-0.15	0.162	0.175
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 2	6	2437	15.20	15.50	1.072	99.2	1.008	0.1	0.206	0.222
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 2	6	2437	15.20	15.50	1.072	99.2	1.008	-0.01	0.012	0.013
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	1	2412	17.70	18.00	1.072	99	1.010	-0.12	0.191	0.207
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	1	2412	17.70	18.00	1.072	99	1.010	-0.06	0.183	0.198
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 4	1	2412	17.70	18.00	1.072	99	1.010	0.12	0.009	0.010
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 4	1	2412	17.70	18.00	1.072	99	1.010	0.02	0.473	0.512
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2+4(2)	6	2437	17.71	18.00	1.069	99.32	1.007	0.06	0.291	0.313
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2+4(4)	6	2437	17.48	18.00	1.127	99.32	1.007	0.06	0.323	0.367
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2+4(2)	6	2437	17.71	18.00	1.069	99.32	1.007	-0.15	0.475	0.511
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2+4(4)	6	2437	17.48	18.00	1.127	99.32	1.007	-0.15	0.361	0.410
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 2+4(2)	6	2437	17.48	18.00	1.127	99.32	1.007	-0.09	0.443	0.503
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 2+4(4)	6	2437	17.48	18.00	1.127	99.32	1.007	-0.09	0.063	0.072
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 2+4(2)	6	2437	17.48	18.00	1.127	99.32	1.007	-0.09	0.034	0.039
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 2+4(4)	6	2437	17.48	18.00	1.127	99.32	1.007	-0.09	0.061	0.069
34	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 2+4	6	2437	17.48	18.00	1.127	99.32	1.007	-0.07	0.463	0.526

Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4	46	5230	19.15	20.00	1.216	95.94	1.042	0.01	0.063	0.080
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4	46	5230	19.15	20.00	1.216	95.94	1.042	0.03	0.166	0.210
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 4	46	5230	19.15	20.00	1.216	95.94	1.042	-0.19	0.009	0.011
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 4	46	5230	19.15	20.00	1.216	95.94	1.042	-0.01	0.102	0.129
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 5	46	5230	16.6	17.00	1.096	96.45	1.037	0.01	0.041	0.047
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 5	46	5230	16.6	17.00	1.096	96.45	1.037	-0.08	0.261	0.297
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 5	46	5230	16.6	17.00	1.096	96.45	1.037	0.03	0.103	0.117
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 5	46	5230	16.6	17.00	1.096	96.45	1.037	0.09	0.109	0.124
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4+5(4)	46	5230	19.89	20.00	1.026	95.45	1.048	0.11	0.132	0.142
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4+5(5)	46	5230	16.3	16.50	1.047	95.45	1.048	0.11	0.114	0.125
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(4)	46	5230	19.89	20.00	1.026	95.45	1.048	0.1	0.287	0.308
35	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(5)	46	5230	16.3	16.50	1.047	95.45	1.048	0.1	0.361	0.396
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 4+5	46	5230	19.89	20.00	1.026	95.45	1.048	0.13	0.137	0.147
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 4+5	46	5230	16.3	16.50	1.047	95.45	1.048	0.07	0.031	0.034
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 4+5(4)	46	5230	19.89	20.00	1.026	95.45	1.048	-0.19	0.184	0.198
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 4+5(5)	46	5230	16.3	16.50	1.047	95.45	1.048	-0.19	0.188	0.206

Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4	155	5775	20.00	20.50	1.122	92.4	1.082	0.11	0.265	0.322
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4	155	5775	20.00	20.50	1.122	92.4	1.082	0.06	0.201	0.244
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 4	155	5775	20.00	20.50	1.122	92.4	1.082	-0.01	0.036	0.044
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 4	155	5775	20.00	20.50	1.122	92.4	1.082	0.03	0.211	0.256
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	155	5775	16.10	16.50	1.096	92.8	1.078	0.03	0.031	0.037
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	155	5775	16.10	16.50	1.096	92.8	1.078	0.08	0.233	0.275
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 5	155	5775	16.10	16.50	1.096	92.8	1.078	-0.03	0.103	0.122
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 5	155	5775	16.10	16.50	1.096	92.8	1.078	-0.11	0.054	0.064
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(4)	155	5775	19.42	20.50	1.282	92.4	1.082	0.06	0.071	0.099
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(5)	155	5775	16.80	17.00	1.047	92.4	1.082	0.06	0.109	0.123
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	155	5775	19.42	20.50	1.282	92.4	1.082	-0.13	0.271	0.376
36	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	155	5775	16.80	17.00	1.047	92.4	1.082	-0.13	0.337	0.382
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 4+5	155	5775	19.42	20.50	1.282	92.4	1.082	-0.04	0.106	0.147
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 4+5	155	5775	19.42	20.50	1.282	92.4	1.082	-0.09	0.021	0.029
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 4+5(4)	155	5775	19.42	20.50	1.282	92.4	1.082	0.12	0.142	0.197
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 4+5(5)	155	5775	16.80	17.00	1.047	92.4	1.082	0.12	0.186	0.211

<Bluetooth SAR>

Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Front	10mm	Ant 2	39	2441	17.90	18.00	1.023	77.13	1.297	0.01	0.122	0.162
	Bluetooth	1Mbps	Back	0mm	Ant 2	39	2441	17.90	18.00	1.023	77.13	1.297	-0.07	0.128	0.170
37	Bluetooth	1Mbps	Left Side	10mm	Ant 2	39	2441	17.90	18.00	1.023	77.13	1.297	-0.09	0.141	0.187
	Bluetooth	1Mbps	Top Side	10mm	Ant 2	39	2441	17.90	18.00	1.023	77.13	1.297	0.11	0.005	0.007

15.3 Body Worn Accessory SAR

<GSM SAR>

Standalone											
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0C	GPRS (4 Tx slots)	Front	10mm	251	848.8	27.46	29.00	1.426	-0.09	0.661	0.942
	GSM850_Ant 0C	GPRS (4 Tx slots)	Front	10mm	128	824.2	27.33	29.00	1.469	0.11	0.576	0.846
	GSM850_Ant 0C	GPRS (4 Tx slots)	Front	10mm	189	836.4	27.29	29.00	1.483	0.12	0.557	0.826
38	GSM850_Ant 0C	GPRS (4 Tx lsots)	Back	10mm	251	848.8	27.46	29.00	1.426	-0.11	0.838	1.195
	GSM850_Ant 0C	GPRS (4 Tx slots)	Back	10mm	128	824.2	27.33	29.00	1.469	0.03	0.811	1.191
	GSM850_Ant 0C	GPRS (4 Tx slots)	Back	10mm	189	836.4	27.29	29.00	1.483	-0.05	0.802	1.189
	GSM850_Ant 1	GPRS (4 Tx slots)	Front	10mm	251	848.8	28.26	29.00	1.186	0.04	0.293	0.347
	GSM850_Ant 1	GPRS (4 Tx slots)	Back	10mm	251	848.8	28.26	29.00	1.186	-0.12	0.365	0.433
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0C	GPRS (4 Tx slots)	Front	10mm	251	848.8	27.46	28.00	1.132	-0.09	0.661	0.749
	GSM850_Ant 0C	GPRS (4 Tx lsots)	Back	10mm	251	848.8	27.46	28.00	1.132	-0.11	0.838	0.949
	GSM850_Ant 0C	GPRS (4 Tx slots)	Back	10mm	128	824.2	27.33	28.00	1.167	0.03	0.811	0.946
	GSM850_Ant 0C	GPRS (4 Tx slots)	Back	10mm	189	836.4	27.29	28.00	1.178	-0.05	0.802	0.944
	GSM850_Ant 1	GPRS (4 Tx slots)	Front	10mm	251	848.8	28.26	29.00	1.186	0.04	0.293	0.347
	GSM850_Ant 1	GPRS (4 Tx slots)	Back	10mm	251	848.8	28.26	29.00	1.186	-0.12	0.365	0.433

Standalone / Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Front	10mm	512	1850.2	25.28	26.50	1.324	-0.1	0.472	0.625
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Back	10mm	512	1850.2	25.28	26.50	1.324	0.17	0.722	0.956
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Back	10mm	661	1880	25.11	26.50	1.377	0.03	0.685	0.943
	GSM1900_Ant 0B	GPRS (4 Tx slots)	Back	10mm	810	1909.8	25.27	26.50	1.327	-0.09	0.714	0.948
	GSM1900_Ant 1	GPRS (4 Tx slots)	Front	10mm	661	1880	24.83	26.00	1.309	0	0.602	0.788
	GSM1900_Ant 1	GPRS (4 Tx slots)	Back	10mm	661	1880	24.83	26.00	1.309	-0.18	0.733	0.960
	GSM1900_Ant 1	GPRS (4 Tx slots)	Back	10mm	512	1850.2	24.78	26.00	1.324	-0.03	0.727	0.963
39	GSM1900_Ant 1	GPRS (4 Tx slots)	Back	10mm	810	1909.8	24.81	26.00	1.315	0.14	0.741	0.975

<WCDMA SAR>

Standalone												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 0B	RMC 12.2Kbps	Front	10mm	9400	1880	21.42	23.00	1.439	0.03	0.627	0.902
	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9400	1880	21.42	23.00	1.439	-0.07	0.805	1.158
	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9262	1852.4	21.23	23.00	1.503	0.11	0.784	1.178
40	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9538	1907.6	21.37	23.00	1.455	0	0.815	1.186
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9400	1880	21.08	22.00	1.236	0.05	0.746	0.922
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9262	1852.4	20.91	22.00	1.285	-0.11	0.716	0.920
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9538	1907.6	20.98	22.00	1.265	0.06	0.701	0.887
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9400	1880	21.08	22.00	1.236	0.07	0.866	1.070
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9262	1852.4	20.91	22.00	1.285	0.09	0.823	1.058
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9538	1907.6	20.98	22.00	1.265	0.01	0.830	1.050
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 0B	RMC 12.2Kbps	Front	10mm	9400	1880	21.42	22.00	1.143	0.03	0.627	0.717
	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9400	1880	21.42	22.00	1.143	-0.07	0.805	0.920
	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9262	1852.4	21.23	22.00	1.194	0.11	0.784	0.936
	WCDMA II_Ant 0B	RMC 12.2Kbps	Back	10mm	9538	1907.6	21.37	22.00	1.156	0	0.815	0.942
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9400	1880	21.08	21.50	1.102	0.05	0.746	0.822
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9262	1852.4	20.91	21.50	1.146	-0.11	0.716	0.820
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9538	1907.6	20.98	21.50	1.127	0.06	0.701	0.790
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9400	1880	21.08	21.50	1.102	0.07	0.866	0.954
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9262	1852.4	20.91	21.50	1.146	0.09	0.823	0.943
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9538	1907.6	20.98	21.50	1.127	0.01	0.830	0.936

Standalone / Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Front	10mm	1413	1732.6	24.35	25.00	1.161	0.03	0.516	0.599
	WCDMA IV_Ant 0B	RMC 12.2Kbps	Back	10mm	1413	1732.6	24.35	25.00	1.161	0.09	0.646	0.750
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Front	10mm	1413	1732.6	24.35	25.00	1.161	0.05	0.309	0.359
	WCDMA IV_Ant 0C	RMC 12.2Kbps	Back	10mm	1413	1732.6	24.35	25.00	1.161	0.11	0.385	0.447
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	10mm	1413	1732.6	22.5	23.00	1.122	-0.09	0.725	0.813
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	10mm	1312	1712.4	22.46	23.00	1.132	0.02	0.711	0.805
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	10mm	1513	1752.6	22.41	23.00	1.146	0.06	0.698	0.800
41	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	1413	1732.6	22.5	23.00	1.122	0.12	0.863	0.968
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	1312	1712.4	22.46	23.00	1.132	0.08	0.842	0.953
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	1513	1752.6	22.41	23.00	1.146	0.15	0.837	0.959

Standalone												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA V_Ant 0C	RMC 12.2Kbps	Front	10mm	4233	846.6	23.58	25.00	1.387	0.02	0.578	0.802
	WCDMA V_Ant 0C	RMC 12.2Kbps	Front	10mm	4132	826.4	23.53	25.00	1.403	0.05	0.533	0.748
	WCDMA V_Ant 0C	RMC 12.2Kbps	Front	10mm	4182	836.4	23.54	25.00	1.400	0.08	0.529	0.740
	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4233	846.6	23.58	25.00	1.387	-0.04	0.846	1.173
	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4132	826.4	23.53	25.00	1.403	0.13	0.823	1.155
42	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4182	836.4	23.54	25.00	1.400	0.13	0.847	1.185
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	4233	846.6	24.05	25.00	1.245	0.01	0.337	0.419
	WCDMA V_Ant 1	RMC 12.2Kbpd	Back	10mm	4233	846.6	24.05	25.00	1.245	0.11	0.425	0.529
Simultaneous Transmission is active												
Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA V_Ant 0C	RMC 12.2Kbps	Front	10mm	4233	846.6	23.58	24.00	1.102	0.02	0.578	0.637
	WCDMA V_Ant 0C	RMC 12.2Kbps	Front	10mm	4132	826.4	23.53	24.00	1.114	0.05	0.533	0.594
	WCDMA V_Ant 0C	RMC 12.2Kbps	Front	10mm	4182	836.4	23.54	24.00	1.112	0.08	0.529	0.588
	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4233	846.6	23.58	24.00	1.102	-0.04	0.846	0.932
	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4132	826.4	23.53	24.00	1.114	0.13	0.823	0.917
	WCDMA V_Ant 0C	RMC 12.2Kbps	Back	10mm	4182	836.4	23.54	24.00	1.112	0.13	0.857	0.953
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	4233	846.6	24.05	25.00	1.245	0.01	0.337	0.419
	WCDMA V_Ant 1	RMC 12.2Kbpd	Back	10mm	4233	846.6	24.05	25.00	1.245	0.11	0.425	0.529

<FDD LTE SAR>

Standalone / Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 4_Ant 0C	20M	QPSK	1	0	Front	10mm	20175	1732.5	24.42	25.00	1.143	0.02	0.299	0.342
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Front	10mm	20175	1732.5	23.48	24.00	1.127	-0.04	0.242	0.273
43	LTE Band 4_Ant 0C	20M	QPSK	1	0	Back	10mm	20175	1732.5	24.42	25.00	1.143	0.05	0.346	0.395
	LTE Band 4_Ant 0C	20M	QPSK	50	0	Back	10mm	20175	1732.5	23.48	24.00	1.127	-0.11	0.305	0.344

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Front	10mm	21350	2560	21.64	22.00	1.086	0.17	0.426	0.463
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Front	10mm	21350	2560	21.52	22.00	1.117	0.03	0.411	0.459
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Back	10mm	21350	2560	21.64	22.00	1.086	-0.05	0.671	0.729
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Back	10mm	21350	2560	21.52	22.00	1.117	-0.04	0.684	0.764
	LTE Band 7C_Ant 0B	20M	QPSK	1	0	Back	10mm	21100	2535	21.84	22.00	1.038	0.11	0.699	0.725
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Front	10mm	21350	2560	24.37	25.00	1.156	0.14	0.410	0.474
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Front	10mm	21350	2560	23.43	24.00	1.140	0.06	0.330	0.376
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Back	10mm	21350	2560	24.37	25.00	1.156	-0.02	0.590	0.682
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Back	10mm	21350	2560	23.43	24.00	1.140	0.09	0.515	0.587
	LTE Band 7C_Ant 0C	20M	QPSK	1	0	Back	10mm	21100	2535	23.8	25.00	1.318	0.11	0.492	0.649
	LTE Band 7_Ant 1	20M	QPSK	1	99	Front	10mm	21350	2560	21.39	23.00	1.449	0.02	0.482	0.698
	LTE Band 7_Ant 1	20M	QPSK	50	50	Front	10mm	21350	2560	21.32	23.00	1.472	-0.04	0.442	0.651
44	LTE Band 7_Ant 1	20M	QPSK	1	99	Back	10mm	21350	2560	21.39	23.00	1.449	0.11	0.644	0.933
	LTE Band 7_Ant 1	20M	QPSK	1	99	Back	10mm	20850	2510	21.29	23.00	1.483	0.06	0.623	0.924
	LTE Band 7_Ant 1	20M	QPSK	1	99	Back	10mm	21100	2535	21.31	23.00	1.476	-0.05	0.622	0.918
	LTE Band 7_Ant 1	20M	QPSK	50	50	Back	10mm	21350	2560	21.32	23.00	1.472	-0.13	0.621	0.914
	LTE Band 7_Ant 1	20M	QPSK	50	50	Back	10mm	20850	2510	21.21	23.00	1.510	0.03	0.608	0.918
	LTE Band 7_Ant 1	20M	QPSK	50	50	Back	10mm	21100	2535	21.25	23.00	1.496	-0.07	0.605	0.905
	LTE Band 7_Ant 1	20M	QPSK	100	0	Back	10mm	21350	2560	21.14	23.00	1.535	0.04	0.607	0.932
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Back	10mm	21100	2535	21.33	23.00	1.469	-0.02	0.632	0.928
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Front	10mm	21350	2560	21.64	22.00	1.086	0.17	0.426	0.463
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Front	10mm	21350	2560	21.52	22.00	1.117	0.03	0.411	0.459
	LTE Band 7_Ant 0B	20M	QPSK	1	99	Back	10mm	21350	2560	21.64	22.00	1.086	-0.05	0.671	0.729
	LTE Band 7_Ant 0B	20M	QPSK	50	50	Back	10mm	21350	2560	21.52	22.00	1.117	-0.04	0.684	0.764
	LTE Band 7C_Ant 0B	20M	QPSK	1	0	Back	10mm	21100	2535	21.84	22.00	1.038	0.11	0.699	0.725
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Front	10mm	21350	2560	24.37	25.00	1.156	0.14	0.410	0.474
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Front	10mm	21350	2560	23.43	24.00	1.140	0.06	0.330	0.376
	LTE Band 7_Ant 0C	20M	QPSK	1	99	Back	10mm	21350	2560	24.37	25.00	1.156	-0.02	0.590	0.682
	LTE Band 7_Ant 0C	20M	QPSK	50	50	Back	10mm	21350	2560	23.43	24.00	1.140	0.09	0.515	0.587
	LTE Band 7C_Ant 0C	20M	QPSK	1	0	Back	10mm	21100	2535	23.80	25.00	1.318	0.11	0.492	0.649
	LTE Band 7_Ant 1	20M	QPSK	1	99	Front	10mm	21350	2560	21.39	21.50	1.026	0.02	0.482	0.494
	LTE Band 7_Ant 1	20M	QPSK	50	50	Front	10mm	21350	2560	21.32	21.50	1.042	-0.04	0.442	0.461
	LTE Band 7_Ant 1	20M	QPSK	1	99	Back	10mm	21350	2560	21.39	21.50	1.026	0.11	0.644	0.661
	LTE Band 7_Ant 1	20M	QPSK	1	99	Back	10mm	20850	2510	21.29	21.50	1.050	0.06	0.623	0.654
	LTE Band 7_Ant 1	20M	QPSK	1	99	Back	10mm	21100	2535	21.31	21.50	1.045	-0.05	0.622	0.650
	LTE Band 7_Ant 1	20M	QPSK	50	50	Back	10mm	21350	2560	21.32	21.50	1.042	-0.13	0.621	0.647
	LTE Band 7_Ant 1	20M	QPSK	50	50	Back	10mm	20850	2510	21.21	21.50	1.069	0.03	0.608	0.650
	LTE Band 7_Ant 1	20M	QPSK	50	50	Back	10mm	21100	2535	21.25	21.50	1.059	-0.07	0.605	0.641
	LTE Band 7_Ant 1	20M	QPSK	100	0	Back	10mm	21350	2560	21.14	21.50	1.086	0.04	0.607	0.659
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Back	10mm	21100	2535	21.33	21.50	1.040	-0.02	0.632	0.657

Standalone / Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 12_Ant 0C	10M	QPSK	1	49	Front	10mm	23095	707.5	24.45	25.00	1.135	0.01	0.223	0.253
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Front	10mm	23095	707.5	23.56	24.00	1.107	0	0.181	0.200
45	LTE Band 12_Ant 0C	10M	QPSK	1	49	Back	10mm	23095	707.5	24.45	25.00	1.135	-0.11	0.289	0.328
	LTE Band 12_Ant 0C	10M	QPSK	25	12	Back	10mm	23095	707.5	23.56	24.00	1.107	-0.08	0.236	0.261
	LTE Band 12_Ant 1	10M	QPSK	1	49	Front	10mm	23095	707.5	24.45	25.00	1.135	-0.07	0.210	0.238
	LTE Band 12_Ant 1	10M	QPSK	25	12	Front	10mm	23095	707.5	23.56	24.00	1.107	0.08	0.174	0.193
	LTE Band 12_Ant 1	10M	QPSK	1	49	Back	10mm	23095	707.5	24.45	25.00	1.135	0.02	0.235	0.267
	LTE Band 12_Ant 1	10M	QPSK	25	12	Back	10mm	23095	707.5	23.56	24.00	1.107	-0.11	0.193	0.214

Standalone / Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 13_Ant 0C	10M	QPSK	1	0	Front	10mm	23230	782	24.41	25.00	1.146	0	0.482	0.552
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Front	10mm	23230	782	23.49	24.00	1.125	0.1	0.387	0.435
46	LTE Band 13_Ant 0C	10M	QPSK	1	0	Back	10mm	23230	782	24.41	25.00	1.146	-0.01	0.568	0.651
	LTE Band 13_Ant 0C	10M	QPSK	25	0	Back	10mm	23230	782	23.49	24.00	1.125	0.03	0.459	0.516
	LTE Band 13_Ant 1	10M	QPSK	1	0	Front	10mm	23230	782	24.41	25.00	1.146	0.13	0.371	0.425
	LTE Band 13_Ant 1	10M	QPSK	25	0	Front	10mm	23230	782	23.49	24.00	1.125	-0.03	0.292	0.328
	LTE Band 13_Ant 1	10M	QPSK	1	0	Back	10mm	23230	782	24.41	25.00	1.146	-0.1	0.438	0.502
	LTE Band 13_Ant 1	10M	QPSK	25	0	Back	10mm	23230	782	23.49	24.00	1.125	0.02	0.355	0.399

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Front	10mm	26340	1880	21.62	22.50	1.225	0.03	0.562	0.688
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Front	10mm	26340	1880	21.47	22.50	1.268	-0.02	0.571	0.724
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26340	1880	21.62	22.50	1.225	0.17	0.745	0.912
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26140	1860	21.53	22.50	1.250	0.05	0.753	0.941
47	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26590	1905	21.54	22.50	1.247	0.05	0.861	1.074
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26340	1880	21.47	22.50	1.268	-0.02	0.728	0.923
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26140	1860	21.39	22.50	1.291	-0.14	0.716	0.925
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26590	1905	21.41	22.50	1.285	0.03	0.831	1.068
	LTE Band 25_Ant 0B	20M	QPSK	100	0	Back	10mm	26340	1880	21.45	22.50	1.274	0.01	0.819	1.043
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	26340	1880	21.89	22.50	1.151	0.01	0.593	0.682
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	26340	1880	21.79	22.50	1.178	-0.05	0.576	0.678
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	26340	1880	21.89	22.50	1.151	-0.13	0.688	0.792
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	26340	1880	21.79	22.50	1.178	0.02	0.663	0.781
Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Front	10mm	26340	1880	21.62	22.00	1.091	0.03	0.562	0.613
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Front	10mm	26340	1880	21.47	22.00	1.130	-0.02	0.571	0.645
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26340	1880	21.62	22.00	1.091	0.17	0.745	0.813
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26140	1860	21.53	22.00	1.114	0.05	0.753	0.839
	LTE Band 25_Ant 0B	20M	QPSK	1	0	Back	10mm	26590	1905	21.54	22.00	1.112	0.05	0.861	0.957
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26340	1880	21.47	22.00	1.130	-0.02	0.728	0.822
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26140	1860	21.39	22.00	1.151	-0.14	0.716	0.824
	LTE Band 25_Ant 0B	20M	QPSK	50	0	Back	10mm	26590	1905	21.41	22.00	1.146	0.03	0.831	0.952
	LTE Band 25_Ant 0B	20M	QPSK	100	0	Back	10mm	26340	1880	21.45	22.00	1.135	0.01	0.819	0.930
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	26340	1880	21.89	22.50	1.151	0.01	0.593	0.682
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	26340	1880	21.79	22.50	1.178	-0.05	0.576	0.678
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	26340	1880	21.89	22.50	1.151	-0.13	0.688	0.792
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	26340	1880	21.79	22.50	1.178	0.02	0.663	0.781

Standalone / Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 26_Ant 0C	15M	QPSK	1	0	Front	10mm	26865	831.5	24.41	25.00	1.146	0.03	0.651	0.746
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Front	10mm	26865	831.5	23.52	24.00	1.117	-0.05	0.532	0.594
48	LTE Band 26_Ant 0C	15M	QPSK	1	0	Back	10mm	26865	831.5	24.41	25.00	1.146	-0.09	0.859	0.984
	LTE Band 26_Ant 0C	15M	QPSK	36	0	Back	10mm	26865	831.5	23.52	24.00	1.117	0.01	0.711	0.794
	LTE Band 26_Ant 0C	15M	QPSK	75	0	Back	10mm	26865	831.5	23.47	24.00	1.130	0.18	0.705	0.797
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	26865	831.5	24.41	25.00	1.146	0.04	0.317	0.363
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	26865	831.5	23.52	24.00	1.117	-0.13	0.256	0.286
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	26865	831.5	24.41	25.00	1.146	-0.14	0.441	0.505
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	26865	831.5	23.52	24.00	1.117	-0.06	0.358	0.400

Standalone / Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Front	10mm	132322	1745	24.55	25.00	1.109	0.06	0.643	0.713
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Front	10mm	132322	1745	23.68	24.00	1.076	0	0.525	0.565
	LTE Band 66_Ant 0B	20M	QPSK	1	0	Back	10mm	132322	1745	24.55	25.00	1.109	-0.02	0.662	0.734
	LTE Band 66_Ant 0B	20M	QPSK	50	0	Back	10mm	132322	1745	23.68	24.00	1.076	0.08	0.542	0.583
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	132322	1745	22.68	23.00	1.076	0	0.762	0.820
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	132572	1770	22.6	23.00	1.096	-0.04	0.796	0.873
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	132072	1720	22.49	23.00	1.125	0	0.753	0.847
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	132322	1745	22.52	23.00	1.117	-0.1	0.789	0.881
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	132572	1770	22.46	23.00	1.132	0.12	0.781	0.884
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	132072	1720	22.39	23.00	1.151	-0.17	0.773	0.890
	LTE Band 66_Ant 1	20M	QPSK	100	0	Front	10mm	132322	1745	22.45	23.00	1.135	0.15	0.724	0.822
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	132322	1745	22.68	23.00	1.076	0.01	0.822	0.885
49	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	132572	1770	22.6	23.00	1.096	0.03	0.878	0.963
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	132072	1720	22.49	23.00	1.125	0	0.831	0.935
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	132322	1745	22.52	23.00	1.117	0.1	0.786	0.878
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	132572	1770	22.46	23.00	1.132	0.15	0.820	0.929
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	132072	1720	22.39	23.00	1.151	0.14	0.791	0.910
	LTE Band 66_Ant 1	20M	QPSK	100	0	Back	10mm	132322	1745	22.45	23.00	1.135	0.03	0.799	0.907

Standalone / Simultaneous Transmission is active															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 71_Ant 0C	20M	QPSK	1	0	Front	10mm	133297	680.5	24.37	25.00	1.156	0.02	0.245	0.283
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Front	10mm	133297	680.5	23.48	24.00	1.127	-0.04	0.205	0.231
50	LTE Band 71_Ant 0C	20M	QPSK	1	0	Back	10mm	133297	680.5	24.37	25.00	1.156	-0.07	0.333	0.385
	LTE Band 71_Ant 0C	20M	QPSK	50	0	Back	10mm	133297	680.5	23.48	24.00	1.127	0.13	0.272	0.307
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	133297	680.5	24.37	25.00	1.156	-0.05	0.178	0.206
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	133297	680.5	23.48	24.00	1.127	-0.14	0.142	0.160
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	133297	680.5	24.37	25.00	1.156	-0.04	0.214	0.247
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	133297	680.5	23.48	24.00	1.127	0.16	0.175	0.197

<TDD LTE SAR>

Standalone																		
Note	Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Front	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	0.03	0.539	0.542
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Front	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	-0.04	0.526	0.534
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	0	0.755	0.760
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	40185	2549.5	23.47	23.50	1.007	62.9	1.006	0.03	0.724	0.733
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	40620	2593	23.45	23.50	1.012	62.9	1.006	-0.02	0.728	0.741
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	41055	2636.5	23.47	23.50	1.007	62.9	1.006	-0.14	0.740	0.750
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	41490	2680	23.49	23.50	1.002	62.9	1.006	0.11	0.719	0.725
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Back	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	0.11	0.739	0.750
		LTE Band 41_Ant 0B	20M	QPSK	100	0	Back	10mm	39750	2506	23.44	23.50	1.014	62.9	1.006	0.07	0.731	0.746
HPUE		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	39750	2506	25.31	25.50	1.045	42.9	1.009	0.07	0.715	0.754
		LTE Band 41C_Ant 0B	20M	QPSK	1	0	Back	10mm	39750	2506	23.50	23.50	1.000	62.9	1.006	0.08	0.734	0.738
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Front	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.12	0.168	0.182
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Front	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	0.15	0.138	0.145
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Back	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.1	0.317	0.343
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Back	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	0.08	0.274	0.288
		LTE Band 41C_Ant 0C	20M	QPSK	1	0	Back	10mm	39750	2506	24.72	25.00	1.067	62.9	1.006	0.08	0.305	0.327
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	39750	2506	23.68	25.00	1.355	62.9	1.006	-0.02	0.584	0.796
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	40185	2549.5	23.44	25.00	1.432	62.9	1.006	0.14	0.581	0.837
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	40620	2593	23.51	25.00	1.409	62.9	1.006	0.06	0.573	0.812
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	41055	2636.5	23.34	25.00	1.466	62.9	1.006	-0.02	0.588	0.867
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	41490	2680	23.42	25.00	1.439	62.9	1.006	0.09	0.562	0.813
		LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	39750	2506	23.44	25.00	1.432	62.9	1.006	0.07	0.412	0.594
		LTE Band 41_Ant 1	20M	QPSK	100	0	Front	10mm	39750	2506	23.37	25.00	1.455	62.9	1.006	0	0.409	0.599
	51	LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	39750	2506	23.68	25.00	1.355	62.9	1.006	-0.1	0.711	0.969
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	40185	2549.5	23.44	25.00	1.432	62.9	1.006	0.04	0.642	0.925
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	40620	2593	23.51	25.00	1.409	62.9	1.006	0.07	0.651	0.923
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	41055	2636.5	23.34	25.00	1.466	62.9	1.006	0	0.654	0.964
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	41490	2680	23.42	25.00	1.439	62.9	1.006	-0.11	0.642	0.929
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	39750	2506	23.44	25.00	1.432	62.9	1.006	0.13	0.649	0.935
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	40185	2549.5	23.37	25.00	1.455	62.9	1.006	-0.19	0.551	0.807
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	40620	2593	23.37	25.00	1.455	62.9	1.006	0.13	0.523	0.766
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	41055	2636.5	23.31	25.00	1.476	62.9	1.006	0.05	0.533	0.791
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	41490	2680	23.36	25.00	1.459	62.9	1.006	-0.11	0.514	0.754
		LTE Band 41_Ant 1	20M	QPSK	100	0	Back	10mm	39750	2506	23.37	25.00	1.455	62.9	1.006	0.07	0.503	0.736
HPUE		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	39750	2506	25.13	27.00	1.538	42.9	1.009	-0.1	0.618	0.959
		LTE Band 41C_Ant 1	20M	QPSK	1	0	Back	10mm	39750	2506	23.96	25.00	1.271	62.9	1.006	0.08	0.732	0.936
Simultaneous Transmission is active																		
Note	Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Front	10mm	39750	2506	23.5	23.50	1.000	62.9	1.006	0.03	0.539	0.542
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Front	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	-0.04	0.526	0.534
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	39750	2506	23.5	23.50	1.000	62.9	1.006	0	0.755	0.760
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	40185	2549.5	23.47	23.50	1.007	62.9	1.006	0.03	0.724	0.733
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	40620	2593	23.45	23.50	1.012	62.9	1.006	-0.02	0.728	0.741
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	41055	2636.5	23.47	23.50	1.007	62.9	1.006	-0.14	0.740	0.750
		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	41490	2680	23.49	23.50	1.002	62.9	1.006	0.11	0.719	0.725
		LTE Band 41_Ant 0B	20M	QPSK	50	0	Back	10mm	39750	2506	23.46	23.50	1.009	62.9	1.006	0.11	0.739	0.750
		LTE Band 41_Ant 0B	20M	QPSK	100	0	Back	10mm	39750	2506	23.44	23.50	1.014	62.9	1.006	0.07	0.731	0.746
HPUE		LTE Band 41_Ant 0B	20M	QPSK	1	0	Back	10mm	39750	2506	25.31	23.50	1.045	42.9	1.009	0.07	0.715	0.754
		LTE Band 41C_Ant 0B	20M	QPSK	1	0	Back	10mm	39750	2506	23.5	23.50	1.000	62.9	1.006	0.08	0.752	0.757

		LTE Band 41_Ant 0C	20M	QPSK	1	0	Front	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.12	0.168	0.182
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Front	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	0.15	0.138	0.145
		LTE Band 41_Ant 0C	20M	QPSK	1	0	Back	10mm	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.1	0.317	0.343
		LTE Band 41_Ant 0C	20M	QPSK	50	0	Back	10mm	39750	2506	23.81	24.00	1.045	62.9	1.006	0.08	0.274	0.288
		LTE Band 41C_Ant 0C	20M	QPSK	1	0	Back	10mm	39750	2506	24.72	25.00	1.067	62.9	1.006	0.03	0.315	0.338
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	39750	2506	23.68	24.00	1.076	62.9	1.006	-0.02	0.584	0.632
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	40185	2549.5	23.44	24.00	1.138	62.9	1.006	0.14	0.581	0.665
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	40620	2593	23.51	24.00	1.119	62.9	1.006	0.06	0.573	0.645
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	41055	2636.5	23.34	24.00	1.164	62.9	1.006	-0.02	0.588	0.689
		LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	41490	2680	23.42	24.00	1.143	62.9	1.006	0.09	0.562	0.646
		LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	39750	2506	23.44	24.00	1.138	62.9	1.006	0.07	0.412	0.472
		LTE Band 41_Ant 1	20M	QPSK	100	0	Front	10mm	39750	2506	23.37	24.00	1.156	62.9	1.006	0	0.409	0.476
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	39750	2506	23.68	24.00	1.076	62.9	1.006	-0.1	0.711	0.770
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	40185	2549.5	23.44	24.00	1.138	62.9	1.006	0.04	0.642	0.735
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	40620	2593	23.51	24.00	1.119	62.9	1.006	0.07	0.651	0.733
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	41055	2636.5	23.34	24.00	1.164	62.9	1.006	0	0.654	0.766
		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	41490	2680	23.42	24.00	1.143	62.9	1.006	-0.11	0.642	0.738
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	39750	2506	23.44	24.00	1.138	62.9	1.006	0.13	0.649	0.743
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	40185	2549.5	23.37	24.00	1.156	62.9	1.006	-0.19	0.551	0.641
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	40620	2593	23.37	24.00	1.156	62.9	1.006	0.13	0.523	0.608
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	41055	2636.5	23.31	24.00	1.172	62.9	1.006	0.05	0.533	0.629
		LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	41490	2680	23.36	24.00	1.159	62.9	1.006	-0.11	0.514	0.599
		LTE Band 41_Ant 1	20M	QPSK	100	0	Back	10mm	39750	2506	23.37	24.00	1.156	62.9	1.006	0.07	0.503	0.585
HPUE		LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	39750	2506	25.13	26.00	1.222	42.9	1.009	-0.1	0.618	0.762
		LTE Band 41C_Ant 1	20M	QPSK	1	0	Back	10mm	39750	2506	23.96	24.00	1.009	62.9	1.006	-0.14	0.744	0.755

<WLAN SAR>

General Note:

1. Add antenna 2 power level of 23dBm is consider MIMO operation in SISO chain, If the sum of 1g single transmission chain SAR measurements is < 1.6W/kg and SAR peak to location ratio ≤ 0.04, therefore, additional worst configuration MIMO operation for 2.4GHz WLAN antenna 2 to show simultaneous transmission with antenna 4 compliance.

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2	1	2412	20.89	21.50	1.151	99.2	1.008	0.1	0.513	0.595
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2	1	2412	20.89	21.50	1.151	99.2	1.008	-0.06	0.672	0.780
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2	1	2412	22.50	23.00	1.122	99.2	1.008	0.01	0.644	0.728
52	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2	1	2412	22.50	23.00	1.122	99.2	1.008	-0.06	0.902	1.020
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2	11	2462	19.70	20.50	1.202	99.2	1.008	0.14	0.488	0.591
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	1	2412	20.80	21.00	1.047	99	1.010	0.11	0.437	0.462
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	1	2412	20.80	21.00	1.047	99	1.010	-0.04	0.480	0.508
Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2	6	2437	15.20	15.50	1.072	99.2	1.008	0.11	0.078	0.084
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2	6	2437	15.20	15.50	1.072	99.2	1.008	-0.15	0.162	0.175
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	1	2412	17.70	18.00	1.072	99	1.010	-0.12	0.191	0.207
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	1	2412	17.70	18.00	1.072	99	1.010	-0.06	0.183	0.198
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2+4(2)	6	2437	17.71	18.00	1.069	99.32	1.007	0.06	0.291	0.313
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 2+4(4)	6	2437	17.48	18.00	1.127	99.32	1.007	0.06	0.323	0.367
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2+4(2)	6	2437	17.71	18.00	1.069	99.32	1.007	-0.15	0.475	0.511
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 2+4(4)	6	2437	17.48	18.00	1.127	99.32	1.007	-0.15	0.361	0.410

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	0.09	0.083	0.102
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	-0.03	0.263	0.322
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 5	54	5270	19.40	19.50	1.023	96.45	1.037	0.02	0.077	0.082
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 5	54	5270	19.40	19.50	1.023	96.45	1.037	-0.11	0.744	0.789
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4+5(4)	54	5270	20.50	21.00	1.122	95.45	1.048	0.11	0.103	0.121
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4+5(5)	54	5270	20.50	21.00	1.122	95.45	1.048	0.11	0.110	0.129
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(4)	54	5270	20.50	21.00	1.122	95.45	1.048	-0.19	0.181	0.213
54	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(5)	54	5270	20.50	21.00	1.122	95.45	1.048	-0.19	0.714	0.840
	WLAN5GHz	802.11a 6Mbps	Back	10mm	Ant 4+5(4)	52	5260	18.40	19.00	1.148	98.1	1.019	-0.02	0.122	0.143
	WLAN5GHz	802.11a 6Mbps	Back	10mm	Ant 4+5(5)	52	5260	18.60	19.00	1.096	98.1	1.019	-0.02	0.394	0.440
Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	0.01	0.062	0.076
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	-0.05	0.173	0.212
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 5	62	5310	14.80	15.00	1.047	96.45	1.037	0.1	0.054	0.059
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 5	62	5310	14.80	15.00	1.047	96.45	1.037	-0.08	0.267	0.290
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4+5(4)	54	5310	16.90	17.00	1.023	95.45	1.048	0.01	0.123	0.132
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 4+5(5)	54	5310	15.58	16.00	1.102	95.45	1.048	0.01	0.112	0.129
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(4)	54	5310	16.90	17.00	1.023	95.45	1.048	-0.03	0.315	0.338
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(5)	54	5310	15.58	16.00	1.102	95.45	1.048	-0.03	0.306	0.353

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4	138	5690	20.1	21	1.230	92.4	1.082	0.14	0.314	0.418
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4	138	5690	20.1	21	1.230	92.4	1.082	-0.02	0.201	0.268
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	138	5690	19.5	19.5	1.000	92.8	1.078	0.03	0.031	0.033
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	138	5690	19.5	19.5	1.000	92.8	1.078	-0.08	0.732	0.789
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(4)	122	5610	20.6	21	1.096	92.4	1.082	0.19	0.077	0.091
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(5)	122	5610	20.6	21	1.096	92.4	1.082	0.19	0.103	0.122
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	122	5610	20.6	21	1.096	92.4	1.082	-0.16	0.286	0.339
55	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	122	5610	20.6	21	1.096	92.4	1.082	-0.16	0.852	1.011
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	138	5690	20.2	21	1.202	92.4	1.082	0.09	0.242	0.315
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	138	5690	20.7	21	1.072	92.4	1.082	0.09	0.814	0.944
Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4	138	5690	20.4	21	1.148	92.4	1.082	0.05	0.268	0.333
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4	138	5690	20.4	21	1.148	92.4	1.082	-0.05	0.168	0.209
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	122	5610	14.7	15	1.072	92.8	1.078	0.1	0.011	0.013
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	122	5610	14.7	15	1.072	92.8	1.078	-0.06	0.194	0.224
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(4)	138	5690	20.91	21	1.021	92.4	1.082	0.05	0.106	0.117
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(5)	138	5690	15.82	16.5	1.169	92.4	1.082	0.05	0.102	0.129
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	138	5690	20.91	21	1.021	92.4	1.082	-0.1	0.355	0.392
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	138	5690	15.82	16.5	1.169	92.4	1.082	-0.1	0.255	0.323

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4	155	5775	20.4	21	1.148	92.4	1.082	0.11	0.363	0.451
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4	155	5775	20.4	21	1.148	92.4	1.082	-0.03	0.241	0.299
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	155	5775	19.1	19.5	1.096	92.8	1.078	0.09	0.029	0.034
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	155	5775	19.1	19.5	1.096	92.8	1.078	-0.04	0.671	0.793
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(4)	155	5775	20.3	21	1.175	92.4	1.082	0.03	0.104	0.132
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(5)	155	5775	19.7	20	1.072	92.4	1.082	0.04	0.131	0.152
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	155	5775	20.3	21	1.175	92.4	1.082	-0.08	0.290	0.369
56	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	155	5775	19.7	20	1.072	92.4	1.082	-0.08	1.020	1.183
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(4)	151	5755	20.5	21	1.122	95.45	1.048	0.17	0.250	0.294
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 4+5(5)	151	5755	19.6	20	1.096	95.45	1.048	0.17	0.954	1.096
Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4	155	5775	20	20.5	1.122	92.4	1.082	0.11	0.265	0.322
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4	155	5775	20	20.5	1.122	92.4	1.082	0.06	0.201	0.244
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	155	5775	16.1	16.5	1.096	92.8	1.078	0.03	0.031	0.037
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	155	5775	16.1	16.5	1.096	92.8	1.078	0.08	0.233	0.275
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(4)	155	5775	19.42	20.5	1.282	92.4	1.082	0.06	0.071	0.099
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4+5(5)	155	5775	16.8	17	1.047	92.4	1.082	0.06	0.109	0.123
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	155	5775	19.42	20.5	1.282	92.4	1.082	-0.13	0.271	0.376
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	155	5775	16.8	17	1.047	92.4	1.082	-0.13	0.337	0.382

<Bluetooth SAR>

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Front	10mm	Ant 2	78	2480	18.55	19.5	1.244	77.13	1.297	0.09	0.141	0.227
57	Bluetooth	1Mbps	Back	10mm	Ant 2	78	2480	18.55	19.5	1.244	77.13	1.297	0.06	0.195	0.315
Simultaneous Transmission is active															
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Front	10mm	Ant 2	39	2441	17.90	18.00	1.023	77.13	1.297	0.01	0.122	0.162
	Bluetooth	1Mbps	Back	10mm	Ant 2	39	2441	17.90	18.00	1.023	77.13	1.297	-0.07	0.128	0.170

15.4 Product Specific SAR

<FDD LTE SAR>

Standalone															
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
58	LTE Band 7_Ant 1	20M	QPSK	1	99	Top Side	0mm	21350	2560	21.39	23.00	1.449	-0.02	2.290	3.318
	LTE Band 7_Ant 1	20M	QPSK	1	99	Top Side	0mm	20850	2510	21.29	23.00	1.483	0.07	2.220	3.291
	LTE Band 7_Ant 1	20M	QPSK	1	99	Top Side	0mm	21100	2535	21.31	23.00	1.476	-0.11	2.150	3.173

<TDD LTE SAR>

Standalone																		
Note	Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	59	LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	0mm	Ant 1	39750	2506	24.68	25.00	1.076	62.9	1.006	0.14	3.290	3.563
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	0mm	Ant 1	40185	2549.5	24.52	25.00	1.117	62.9	1.006	-0.17	3.220	3.487
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	0mm	Ant 1	40620	2593	24.52	25.00	1.117	62.9	1.006	0.02	3.160	3.550
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	0mm	Ant 1	41055	2636.5	24.42	25.00	1.143	62.9	1.006	-0.13	3.150	3.539
		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	0mm	Ant 1	41490	2680	24.47	25.00	1.130	62.9	1.006	0.15	3.090	3.553
		LTE Band 41C_Ant 1	20M	QPSK	1	0	Top Side	0mm	Ant 1	39750	2506	26.13	27.00	1.222	62.9	1.006	0.05	3.130	3.557
HPUE		LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	0mm	Ant 1	39750	2506	23.96	25.00	1.271	62.9	1.006	0.09	2.764	3.534

<WLAN SAR>

Standalone														
Plot No.	Band	Mode	Test Position	Gap (mm)	Sample	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
60	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 2	1	2412	22.50	23.00	1.122	99.2	1.008	-0.06	3.090	3.495
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 2	6	2437	19.40	20.50	1.288	99.2	1.008	0.1	1.421	1.845
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 2	11	2462	19.70	20.50	1.202	99.2	1.008	0.11	1.380	1.672

General Note:

1. Add antenna 5 power level of 21dBm is consider MIMO operation in SISO chain, If the sum of 1 0g single transmission chain SAR measurements is < 4.0W/kg and SAR peak to location ratio ≤ 0.1, in this device that the MIMO operation only required for 5.5GHz WLAN, due to sum of 10g single transmission chain SAR measurement is > 4.0W/kg, therefore, additional worst configuration MIMO operation for 5.5GHz WLAN to show compliance.

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Sample	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	0.02	0.354	0.433
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	0.03	0.736	0.901
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	-0.03	0.032	0.039
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 4	54	5270	20.30	21.00	1.175	95.94	1.042	0.11	0.555	0.679
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5	54	5270	19.40	19.50	1.023	96.45	1.037	0.03	0.311	0.330
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5	54	5270	19.40	19.50	1.023	96.45	1.037	0.12	1.840	1.953
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 5	54	5270	19.40	19.50	1.023	96.45	1.037	0.19	0.598	0.635
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5	54	5270	19.40	19.50	1.023	96.45	1.037	-0.05	0.302	0.320
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5	54	5270	20.50	21.00	1.122	96.45	1.037	0.01	0.384	0.447
61	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5	54	5270	20.50	21.00	1.122	96.45	1.037	-0.08	1.950	2.269
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 5	52	5260	18.40	19.00	1.148	98.1	1.019	-0.02	1.210	1.416
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 5	54	5270	20.50	21.00	1.122	96.45	1.037	0.14	0.753	0.876
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5	54	5270	20.50	21.00	1.122	96.45	1.037	0.16	0.376	0.437

Standalone															
Plot No.	Band	Mode	Test Position	Gap (mm)	Sample	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 4	138	5690	20.10	21.00	1.230	92.4	1.082	0.01	1.280	1.704
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4	138	5690	20.10	21.00	1.230	92.4	1.082	-0.05	0.960	1.278
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 4	138	5690	20.10	21.00	1.230	92.4	1.082	-0.14	0.073	0.097
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 4	138	5690	20.10	21.00	1.230	92.4	1.082	-0.19	0.663	0.883
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5	138	5690	19.50	19.50	1.000	92.8	1.078	0.01	0.214	0.231
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	138	5690	19.50	19.50	1.000	92.8	1.078	0.06	1.830	1.973
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5	138	5690	19.50	19.50	1.000	92.8	1.078	-0.08	0.238	0.257
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5	138	5690	19.50	19.50	1.000	92.8	1.078	0.11	0.266	0.287
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5	138	5690	20.60	21.00	1.096	92.8	1.078	-0.06	0.334	0.395
62	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	138	5690	20.60	21.00	1.096	92.8	1.078	0.03	2.210	2.612
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	122	5610	20.50	21.00	1.122	92.8	1.078	0.11	2.130	2.576
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	106	5530	16.50	17.00	1.122	92.8	1.078	-0.07	0.843	1.020
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5	138	5690	20.60	21.00	1.096	92.8	1.078	0.16	0.333	0.394
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5	138	5690	20.60	21.00	1.096	92.8	1.078	-0.02	0.344	0.407

15.5 Repeated SAR Measurement

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	-	9400	1880	17.71	19.00	1.346	-	1.000	0.03	0.885	-	1.191
2nd	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	-	9400	1905	17.71	19.00	1.346	-	1.000	0.13	0.869	1.02	1.170
1st	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	-	4182	836.4	21.46	22.50	1.271	-	1.000	0.06	0.842	-	1.070
2nd	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	-	4182	836.4	21.46	22.50	1.271	-	1.000	-0.14	0.833	1.01	1.058
1st	LTE Band 13_Ant 1	10M_QPSK_1_0	Right Cheek	0mm	-	23230	782	23.44	24.00	1.138	-	1.000	0.14	0.937	-	1.066
2nd	LTE Band 13_Ant 1	10M_QPSK_1_0	Right Cheek	0mm	-	23230	782	23.44	24.00	1.138	-	1.000	0.17	0.928	1.01	1.056
1st	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	-	1413	1732.6	22.50	22.50	1.000	-	1.000	0.14	0.985	-	0.985
2nd	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	-	1413	1732.6	22.50	22.50	1.000	-	1.000	0.1	0.977	1.01	0.977
1st	LTE Band 41_Ant 1	20M_QPSK_1_0	Top Side	10mm	-	39750	2506	23.50	23.50	1.000	62.9	1.006	0	0.969	-	0.975
2nd	LTE Band 41_Ant 1	20M_QPSK_1_0	Top Side	10mm	-	39750	2506	23.50	23.50	1.000	62.9	1.006	-0.03	0.951	1.02	0.957
1st	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	-	1	2412	22.50	23.00	1.122	99.2	1.008	-0.06	0.902	-	1.020
2nd	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	-	1	2412	22.50	23.00	1.122	99.2	1.008	0.06	0.881	1.02	0.996
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	122	5610	20.60	21.00	1.096	92.4	1.082	-0.16	0.286	-	0.339
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	122	5610	20.60	21.00	1.096	92.4	1.082	-0.16	0.852		1.011
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	122	5610	20.60	21.00	1.096	92.4	1.082	-0.16	0.273	1.03	0.324
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	122	5610	20.60	21.00	1.096	92.4	1.082	-0.16	0.831		0.986
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	155	5775	20.30	21.00	1.175	92.4	1.082	-0.08	0.290	-	0.369
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	155	5775	19.70	20.00	1.072	92.4	1.082	-0.08	1.020		1.183
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(4)	155	5775	20.30	21.00	1.175	92.4	1.082	-0.08	0.284	1.04	0.361
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4+5(5)	155	5775	19.70	20.00	1.072	92.4	1.082	-0.08	0.981		1.137

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	LTE Band 41_ Ant 1	20M_QPSK_1_0	Top Side	0mm	-	39750	2506	24.68	25.00	1.076	62.9	1.006	0.14	3.290	-	3.563
2nd	LTE Band 41_ Ant 1	20M_QPSK_1_0	Top Side	0mm	-	39750	2506	24.68	25.00	1.076	62.9	1.006	-0.17	3.220	1.02	3.487
1st	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 2	1	2412	22.50	23.00	1.122	99.2	1.008	-0.06	3.090	-	3.495
2nd	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 2	1	2412	22.50	23.00	1.122	99.2	1.008	0.01	3.020	1.02	3.416
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	138	5690	20.60	21.00	1.096	92.8	1.078	0.03	2.210	-	2.612
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	138	5690	20.60	21.00	1.096	92.8	1.078	0.11	2.180	1.01	2.695

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR <1.45W/kg, only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

15.6 LTE Band 41 Power Class 2 and Power Class 3 Linearity

This device support Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg, Separate SAR testing for Power Class 2 is not required

<LTE Band 41 Linearity Data for Head>

Standalone	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	19.5	21.5
Reported 1g SAR (W/kg)	1.174	1.159
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	56.42	61.16
Linearity SAR(W/kg)	1.27	
% deviation from expected linearity		-8.94%

<LTE Band 41 Linearity Data for Hotspot and Body-worn>

Standalone	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25	27
Reported 1g SAR (W/kg)	0.969	0.959
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	217.01
Linearity SAR(W/kg)	1.05	
% deviation from expected linearity		-8.71%

16. Simultaneous Transmission Analysis

RF Exposure conditions	Item	Capable Transmit Configuration	
		SAR	
Head[1]	1	WWAN off (Cellular off)	WiFi 5G SISO (Ant5) + Bluetooth (Ant2)
	2		WiFi 5G SISO (Ant4) + Bluetooth (Ant2)
	3		WiFi 5G MIMO (Ant5+Ant4) + Bluetooth (Ant2)
	4		WiFi 2.4G SISO (Ant2) + WiFi 5G SISO (Ant5)
	5	WWAN ON (Cellular on)	WiFi 5G SISO (Ant5) + Bluetooth (Ant2)
	6		WiFi 5G SISO (Ant4) + Bluetooth (Ant2)
	7		WiFi 5G MIMO (Ant5+4) + Bluetooth (Ant2)
	8		WiFi 5G SISO (Ant5)
	9		WiFi 5G SISO (Ant4)
	10		WiFi 5G MIMO (Ant5+4)
	11		WiFi 2.4G SISO (Ant2)
	12		WiFi 2.4G SISO (Ant4)
	13		WiFi 2.4G MIMO/CDD (Ant2+4)
	14		Bluetooth (Ant2)
	15		WiFi 2.4G SISO (Ant2) + WiFi 5G SISO (Ant5)

RF Exposure conditions	Item	Capable Transmit Configuration		
		SAR/MPE		PD
Body Worn/Hotspot/ Product Specific/ Mobile Conditions[1]	16	WWAN OFF (Cellular off)	WiFi 5G SISO (Ant5) + Bluetooth (Ant2)	60 GHz Transmitter
	17		WiFi 5G SISO (Ant4) + Bluetooth (Ant2)	
	18		WiFi 5G MIMO (Ant5+4) + Bluetooth (Ant2)	
	19		WiFi 5G SISO (Ant5)	
	20		WiFi 5G SISO (Ant4)	
	21		WiFi 5G MIMO (Ant5+4)	
	22		WiFi 2.4G SISO (Ant2)	
	23		WiFi 2.4G SISO (Ant4)	
	24		WiFi 2.4G MIMO/CDD (Ant2+4)	
	25		Bluetooth (Ant2)	
	26		WiFi 2.4G SISO (Ant2) + WiFi 5G SISO (Ant5)	
	27	WWAN ON (Cellular on)	WiFi 5G SISO (Ant5) + Bluetooth (Ant2)	
	28		WiFi 5G SISO (Ant4) + Bluetooth (Ant2)	
	29		WiFi 5G MIMO (Ant5+4) + Bluetooth (Ant2)	
	30		WiFi 5G SISO (Ant5)	
	31		WiFi 5G SISO (Ant4)	
	32		WiFi 5G MIMO (Ant5+4)	
	33		WiFi 2.4G SISO (Ant2)	
	34		WiFi 2.4G SISO (Ant4)	
	35		WiFi 2.4G MIMO/CDD (Ant2+4)	
	36		Bluetooth (Ant2)	
	37		WiFi 2.4G SISO (Ant2) + WiFi 5G SISO (Ant5)	

General Note:

1. When WWAN single transmitting or WWAN off and WiFi/BT is transmitting which is consider as standalone mode, When WWAN and WLAN/BT transmission at the same time which is consider as simultaneous transmission mode, for mobile condition is considered more than 20cm usage for this device refer to sporton report No.: FA8N0620-06B.
2. The PD simultaneous transmission analysis refers to PD evaluation report.
3. This device WLAN 2.4GHz / 5.2GHz / 5.8GHz supports Hotspot operation and Bluetooth support tethering applications.
4. The worst case WLAN reported SAR for each configuration was used for SAR summation, regardless of whether the WLAN channel has WiFi Direct and Hotspot capability. Therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN.
5. The Scaled SAR summation is calculated based on the same configuration and test position.
6. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
   i) Scalar SAR summation < 1.6W/kg.
   ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of [(x1-x2)2 + (y1-y2)2 + (z1-z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
   iii) If SPLSR ≤ 0.04 for 1g SAR, if SPLSR < 0.1 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
   iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.

16.1 Head Exposure Conditions

<Standalone>

Exposure Position	2 2.4GHz WLAN Ant 2 1g SAR (W/kg)	3 2.4GHz WLAN Ant 4 1g SAR (W/kg)	4 5GHz WLAN Ant 4 1g SAR (W/kg)	5 5GHz WLAN Ant 5 1g SAR (W/kg)	6 Bluetooth Ant 2 Estimated 1g SAR (W/kg)	2+5 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	4+5+6 Summed 1g SAR (W/kg)
Right Cheek	0.204	0.321	0.414	0.289	0.135	**0.289**	**0.525**	**0.838**
Right Tilted	0.037	0.326	0.405	0.269	0.088	**0.269**	**0.363**	**0.762**
Left Cheek	0.084	0.462	0.195	0.111	0.123	**0.111**	**0.546**	**0.429**
Left Tilted	0.020	0.504	0.198	0.082	0.108	**0.082**	**0.524**	**0.388**

<Simultaneous Transmission is active
<WWAN 0B antenna>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN Ant 2 1g SAR (W/kg)	3 2.4GHz WLAN Ant 4 1g SAR (W/kg)	4 5GHz WLAN Ant 4 1g SAR (W/kg)	5 5GHz WLAN Ant 5 1g SAR (W/kg)	6 Bluetooth Ant 2 1g SAR (W/kg)	7 2.4GHz WLAN Ant 2+4 1g SAR (W/kg)	8 5GHz WLAN Ant 4+5 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
GSM	GSM1900_Ant 0B	Right Cheek	0.166	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.487**	**0.715**	**0.687**	**0.562**	**0.772**	**0.659**
		Right Tilted	0.052	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.378**	**0.482**	**0.527**	**0.391**	**0.596**	**0.358**
		Left Cheek	0.083	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.545**	**0.627**	**0.375**	**0.291**	**0.571**	**0.278**
		Left Tilted	0.053	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.557**	**0.598**	**0.337**	**0.221**	**0.544**	**0.155**
WCDMA	WCDMA II_Ant 0B	Right Cheek	0.317	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.638**	**0.866**	**0.838**	**0.713**	**0.923**	**0.810**
		Right Tilted	0.058	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.384**	**0.488**	**0.533**	**0.397**	**0.602**	**0.364**
		Left Cheek	0.102	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.564**	**0.646**	**0.394**	**0.310**	**0.590**	**0.297**
		Left Tilted	0.050	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.554**	**0.595**	**0.334**	**0.218**	**0.541**	**0.152**
	WCDMA IV_Ant 0B	Right Cheek	0.254	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.575**	**0.803**	**0.775**	**0.650**	**0.860**	**0.747**
		Right Tilted	0.066	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.392**	**0.496**	**0.541**	**0.405**	**0.610**	**0.372**
		Left Cheek	0.137	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.599**	**0.681**	**0.429**	**0.345**	**0.625**	**0.332**
		Left Tilted	0.064	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.568**	**0.609**	**0.348**	**0.232**	**0.555**	**0.166**
LTE	LTE Band 7_Ant 0B	Right Cheek	0.845	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.166**	**1.394**	**1.366**	**1.241**	**1.451**	**1.338**
		Right Tilted	0.227	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.553**	**0.657**	**0.702**	**0.566**	**0.771**	**0.533**
		Left Cheek	0.540	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.002**	**1.084**	**0.832**	**0.748**	**1.028**	**0.735**
		Left Tilted	0.336	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.840**	**0.881**	**0.620**	**0.504**	**0.827**	**0.438**
	LTE Band 25_Ant 0B	Right Cheek	0.284	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.605**	**0.833**	**0.805**	**0.680**	**0.890**	**0.777**
		Right Tilted	0.060	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.386**	**0.490**	**0.535**	**0.399**	**0.604**	**0.366**
		Left Cheek	0.098	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.560**	**0.642**	**0.390**	**0.306**	**0.586**	**0.293**
		Left Tilted	0.042	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.546**	**0.587**	**0.326**	**0.210**	**0.533**	**0.144**
	LTE Band 41_Ant 0B	Right Cheek	0.491	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.812**	**1.040**	**1.012**	**0.887**	**1.097**	**0.984**
		Right Tilted	0.160	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.486**	**0.590**	**0.635**	**0.499**	**0.704**	**0.466**
		Left Cheek	0.227	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.689**	**0.771**	**0.519**	**0.435**	**0.715**	**0.422**
		Left Tilted	0.167	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.671**	**0.712**	**0.451**	**0.335**	**0.658**	**0.269**
	LTE Band 66_Ant 0B	Right Cheek	0.232	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.553**	**0.781**	**0.753**	**0.628**	**0.838**	**0.725**
		Right Tilted	0.064	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.390**	**0.494**	**0.539**	**0.403**	**0.608**	**0.370**
		Left Cheek	0.145	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.607**	**0.689**	**0.437**	**0.353**	**0.633**	**0.340**
		Left Tilted	0.058	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.562**	**0.603**	**0.342**	**0.226**	**0.549**	**0.160**

<WWAN 0C antenna>

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
			WWAN	2.4GHz WLAN Ant 2	2.4GHz WLAN Ant 4	5GHz WLAN Ant 4	5GHz WLAN Ant 5	Bluetooth Ant 2	2.4GHz WLAN Ant 2+4	5GHz WLAN Ant 4+5						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM850_Ant 0C	Right Cheek	0.160	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.481**	**0.709**	**0.681**	**0.556**	**0.766**	**0.653**
		Right Tilted	0.109	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.435**	**0.539**	**0.584**	**0.448**	**0.653**	**0.415**
		Left Cheek	0.312	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.774**	**0.856**	**0.604**	**0.520**	**0.800**	**0.507**
		Left Tilted	0.249	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.753**	**0.794**	**0.533**	**0.417**	**0.740**	**0.351**
WCDMA	WCDMA IV_Ant 0C	Right Cheek	0.242	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.563**	**0.791**	**0.763**	**0.638**	**0.848**	**0.735**
		Right Tilted	0.229	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.555**	**0.659**	**0.704**	**0.568**	**0.773**	**0.535**
		Left Cheek	0.461	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.923**	**1.005**	**0.753**	**0.669**	**0.949**	**0.656**
		Left Tilted	0.300	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.804**	**0.845**	**0.584**	**0.468**	**0.791**	**0.402**
	WCDMA V_Ant 0C	Right Cheek	0.212	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.533**	**0.761**	**0.733**	**0.608**	**0.818**	**0.705**
		Right Tilted	0.159	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.485**	**0.589**	**0.634**	**0.498**	**0.703**	**0.465**
		Left Cheek	0.465	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.927**	**1.009**	**0.757**	**0.673**	**0.953**	**0.660**
		Left Tilted	0.281	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.785**	**0.826**	**0.565**	**0.449**	**0.772**	**0.383**
LTE	LTE Band 4_Ant 0C	Right Cheek	0.198	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.519**	**0.747**	**0.719**	**0.594**	**0.804**	**0.691**
		Right Tilted	0.195	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.521**	**0.625**	**0.670**	**0.534**	**0.739**	**0.501**
		Left Cheek	0.442	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.904**	**0.986**	**0.734**	**0.650**	**0.930**	**0.637**
		Left Tilted	0.235	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.739**	**0.780**	**0.519**	**0.403**	**0.726**	**0.337**
	LTE Band 7_Ant 0C	Right Cheek	0.187	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.508**	**0.736**	**0.708**	**0.583**	**0.793**	**0.680**
		Right Tilted	0.101	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.427**	**0.531**	**0.576**	**0.440**	**0.645**	**0.407**
		Left Cheek	0.532	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.994**	**1.076**	**0.824**	**0.740**	**1.020**	**0.727**
		Left Tilted	0.141	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.645**	**0.686**	**0.425**	**0.309**	**0.632**	**0.243**
	LTE Band 12_Ant 0C	Right Cheek	0.201	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.522**	**0.750**	**0.722**	**0.597**	**0.807**	**0.694**
		Right Tilted	0.161	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.487**	**0.591**	**0.636**	**0.500**	**0.705**	**0.467**
		Left Cheek	0.277	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.739**	**0.821**	**0.569**	**0.485**	**0.765**	**0.472**
		Left Tilted	0.184	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.688**	**0.729**	**0.468**	**0.352**	**0.675**	**0.286**
	LTE Band 13_Ant 0C	Right Cheek	0.226	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.547**	**0.775**	**0.747**	**0.622**	**0.832**	**0.719**
		Right Tilted	0.187	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.513**	**0.617**	**0.662**	**0.526**	**0.731**	**0.493**
		Left Cheek	0.336	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.798**	**0.880**	**0.628**	**0.544**	**0.824**	**0.531**
		Left Tilted	0.254	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.758**	**0.799**	**0.538**	**0.422**	**0.745**	**0.356**
	LTE Band 26_Ant 0C	Right Cheek	0.221	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.542**	**0.770**	**0.742**	**0.617**	**0.827**	**0.714**
		Right Tilted	0.160	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.486**	**0.590**	**0.635**	**0.499**	**0.704**	**0.466**
		Left Cheek	0.408	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.870**	**0.952**	**0.700**	**0.616**	**0.896**	**0.603**
		Left Tilted	0.270	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.774**	**0.815**	**0.554**	**0.438**	**0.761**	**0.372**
	LTE Band 38_Ant 0C	Right Cheek	0.210	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.531**	**0.759**	**0.731**	**0.606**	**0.816**	**0.703**
		Right Tilted	0.130	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.456**	**0.560**	**0.605**	**0.469**	**0.674**	**0.436**
		Left Cheek	0.320	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.782**	**0.864**	**0.612**	**0.528**	**0.808**	**0.515**
		Left Tilted	0.102	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.606**	**0.647**	**0.386**	**0.270**	**0.593**	**0.204**
	LTE Band 41_Ant 0C	Right Cheek	0.001	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.322**	**0.550**	**0.522**	**0.397**	**0.607**	**0.494**
		Right Tilted	0.071	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.397**	**0.501**	**0.546**	**0.410**	**0.615**	**0.377**
		Left Cheek	0.263	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.725**	**0.807**	**0.555**	**0.471**	**0.751**	**0.458**
		Left Tilted	0.077	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.581**	**0.622**	**0.361**	**0.245**	**0.568**	**0.179**
	LTE Band 71_Ant 0C	Right Cheek	0.185	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**0.506**	**0.734**	**0.706**	**0.581**	**0.791**	**0.678**
		Right Tilted	0.060	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.386**	**0.490**	**0.535**	**0.399**	**0.604**	**0.366**
		Left Cheek	0.216	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.678**	**0.760**	**0.508**	**0.424**	**0.704**	**0.411**
		Left Tilted	0.086	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.590**	**0.631**	**0.370**	**0.254**	**0.577**	**0.188**

<WWAN 1 antenna>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN Ant 2 1g SAR (W/kg)	3 2.4GHz WLAN Ant 4 1g SAR (W/kg)	4 5GHz WLAN Ant 4 1g SAR (W/kg)	5 5GHz WLAN Ant 5 1g SAR (W/kg)	6 Bluetooth Ant 2 1g SAR (W/kg)	7 2.4GHz WLAN Ant 2+4 1g SAR (W/kg)	8 5GHz WLAN Ant 4+5 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
GSM	GSM850_Ant 1	Right Cheek	0.928	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.249**	**1.477**	**1.449**	**1.324**	**1.534**	**1.421**
		Right Tilted	0.383	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.709**	**0.813**	**0.858**	**0.722**	**0.927**	**0.689**
		Left Cheek	0.784	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.246**	**1.328**	**1.076**	**0.992**	**1.272**	**0.979**
		Left Tilted	0.526	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.030**	**1.071**	**0.810**	**0.694**	**1.017**	**0.628**
	GSM1900_Ant 1	Right Cheek	0.951	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.272**	**1.500**	**1.472**	**1.347**	**1.557**	**1.444**
		Right Tilted	0.728	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.054**	**1.158**	**1.203**	**1.067**	**1.272**	**1.034**
		Left Cheek	0.698	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.160**	**1.242**	**0.990**	**0.906**	**1.186**	**0.893**
		Left Tilted	0.756	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.260**	**1.301**	**1.040**	**0.924**	**1.247**	**0.858**
WCDMA	WCDMA II_Ant 1	Right Cheek	0.946	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.267**	**1.495**	**1.467**	**1.342**	**1.552**	**1.439**
		Right Tilted	0.784	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.110**	**1.214**	**1.259**	**1.123**	**1.328**	**1.090**
		Left Cheek	0.664	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.126**	**1.208**	**0.956**	**0.872**	**1.152**	**0.859**
		Left Tilted	0.657	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.161**	**1.202**	**0.941**	**0.825**	**1.148**	**0.759**
	WCDMA IV_Ant 1	Right Cheek	0.935	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.256**	**1.484**	**1.456**	**1.331**	**1.541**	**1.428**
		Right Tilted	0.603	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.929**	**1.033**	**1.078**	**0.942**	**1.147**	**0.909**
		Left Cheek	0.622	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.084**	**1.166**	**0.914**	**0.830**	**1.110**	**0.817**
		Left Tilted	0.658	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.162**	**1.203**	**0.942**	**0.826**	**1.149**	**0.760**
	WCDMA V_Ant 1	Right Cheek	0.953	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.274**	**1.502**	**1.474**	**1.349**	**1.559**	**1.446**
		Right Tilted	0.386	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.712**	**0.816**	**0.861**	**0.725**	**0.930**	**0.692**
		Left Cheek	0.774	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.236**	**1.318**	**1.066**	**0.982**	**1.262**	**0.969**
		Left Tilted	0.618	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.122**	**1.163**	**0.902**	**0.786**	**1.109**	**0.720**
LTE	LTE Band 7_Ant 1	Right Cheek	0.884	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.205**	**1.433**	**1.405**	**1.280**	**1.490**	**1.377**
		Right Tilted	0.986	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.312**	**1.416**	**1.461**	**1.325**	**1.530**	**1.292**
		Left Cheek	0.689	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.151**	**1.233**	**0.981**	**0.897**	**1.177**	**0.884**
		Left Tilted	0.765	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.269**	**1.310**	**1.049**	**0.933**	**1.256**	**0.867**
	LTE Band 12_Ant 1	Right Cheek	0.955	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.276**	**1.504**	**1.476**	**1.351**	**1.561**	**1.448**
		Right Tilted	0.692	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.018**	**1.122**	**1.167**	**1.031**	**1.236**	**0.998**
		Left Cheek	0.528	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.990**	**1.072**	**0.820**	**0.736**	**1.016**	**0.723**
		Left Tilted	0.410	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.914**	**0.955**	**0.694**	**0.578**	**0.901**	**0.512**
	LTE Band 13_Ant 1	Right Cheek	0.950	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.271**	**1.499**	**1.471**	**1.346**	**1.556**	**1.443**
		Right Tilted	0.693	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.019**	**1.123**	**1.168**	**1.032**	**1.237**	**0.999**
		Left Cheek	0.626	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.088**	**1.170**	**0.918**	**0.834**	**1.114**	**0.821**
		Left Tilted	0.468	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.972**	**1.013**	**0.752**	**0.636**	**0.959**	**0.570**
	LTE Band 25_Ant 1	Right Cheek	0.961	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.282**	**1.510**	**1.482**	**1.357**	**1.567**	**1.454**
		Right Tilted	0.693	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.019**	**1.123**	**1.168**	**1.032**	**1.237**	**0.999**
		Left Cheek	0.674	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.136**	**1.218**	**0.966**	**0.882**	**1.162**	**0.869**
		Left Tilted	0.784	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.288**	**1.329**	**1.068**	**0.952**	**1.275**	**0.886**
	LTE Band 26_Ant 1	Right Cheek	0.931	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.252**	**1.480**	**1.452**	**1.327**	**1.537**	**1.424**
		Right Tilted	0.519	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**0.845**	**0.949**	**0.994**	**0.858**	**1.063**	**0.825**
		Left Cheek	0.687	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.149**	**1.231**	**0.979**	**0.895**	**1.175**	**0.882**
		Left Tilted	0.595	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.099**	**1.140**	**0.879**	**0.763**	**1.086**	**0.697**
	LTE Band 41_Ant 1	Right Cheek	0.913	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.234**	**1.462**	**1.434**	**1.309**	**1.519**	**1.406**
		Right Tilted	0.932	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.258**	**1.362**	**1.407**	**1.271**	**1.476**	**1.238**
		Left Cheek	0.876	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.338**	**1.420**	**1.168**	**1.084**	**1.364**	**1.071**
		Left Tilted	0.888	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.392**	**1.433**	**1.172**	**1.056**	**1.379**	**0.990**
	LTE Band 66_Ant 1	Right Cheek	0.960	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.281**	**1.509**	**1.481**	**1.356**	**1.566**	**1.453**
		Right Tilted	0.680	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.006**	**1.110**	**1.155**	**1.019**	**1.224**	**0.986**
		Left Cheek	0.657	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**1.119**	**1.201**	**0.949**	**0.865**	**1.145**	**0.852**
		Left Tilted	0.689	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**1.193**	**1.234**	**0.973**	**0.857**	**1.180**	**0.791**
	LTE Band 71_Ant 1	Right Cheek	0.912	0.204	0.321	0.414	0.289	0.107	0.549	0.499	**1.233**	**1.461**	**1.433**	**1.308**	**1.518**	**1.405**
		Right Tilted	0.773	0.037	0.326	0.405	0.269	0.070	0.430	0.474	**1.099**	**1.203**	**1.248**	**1.112**	**1.317**	**1.079**
		Left Cheek	0.378	0.084	0.462	0.195	0.111	0.097	0.544	0.391	**0.840**	**0.922**	**0.670**	**0.586**	**0.866**	**0.573**
		Left Tilted	0.283	0.020	0.504	0.198	0.082	0.086	0.545	0.405	**0.787**	**0.828**	**0.567**	**0.451**	**0.774**	**0.385**

16.2 Hotspot Exposure Conditions

<Simultaneous Transmission is active
<WWAN 0B antenna>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN Ant 2 1g SAR (W/kg)	3 2.4GHz WLAN Ant 4 1g SAR (W/kg)	4 5GHz WLAN Ant 4 1g SAR (W/kg)	5 5GHz WLAN Ant 5 1g SAR (W/kg)	6 Bluetooth Ant 2 1g SAR (W/kg)	7 2.4GHz WLAN Ant 2+4 1g SAR (W/kg)	8 5GHz WLAN Ant 4+5 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
GSM	GSM1900_Ant 0B	Front	0.625	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.832**	**0.992**	**1.109**	**0.834**	**0.929**	**0.756**
		Back	0.956	0.175	0.198	0.244	0.297		0.511	0.396	**1.154**	**1.467**	**1.200**	**1.253**	**1.352**	**1.428**
		Left side	0.175	0.222			0.122	0.187	0.503	0.147	**0.175**	**0.678**	**0.362**	**0.484**	**0.509**	**0.519**
		Right side			0.010	0.044			0.069	0.034	**0.010**	**0.069**	**0.044**	**0.000**	**0.034**	**0.000**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.489								**0.489**	**0.489**	**0.489**	**0.489**	**0.489**	**0.489**
WCDMA	WCDMA II_Ant 0B	Front	0.717	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.924**	**1.084**	**1.201**	**0.926**	**1.021**	**0.848**
		Back	0.942	0.175	0.198	0.244	0.297		0.511	0.396	**1.140**	**1.453**	**1.186**	**1.239**	**1.338**	**1.414**
		Left side	0.267	0.222			0.122	0.187	0.503	0.147	**0.267**	**0.770**	**0.454**	**0.576**	**0.601**	**0.611**
		Right side	0.792		0.010	0.044			0.069	0.034	**0.802**	**0.861**	**0.836**	**0.792**	**0.826**	**0.792**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	WCDMA IV_Ant 0B	Front	0.599	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.806**	**0.966**	**1.083**	**0.808**	**0.903**	**0.730**
		Back	0.750	0.175	0.198	0.244	0.297		0.511	0.396	**0.948**	**1.261**	**0.994**	**1.047**	**1.146**	**1.222**
		Left side	0.128	0.222			0.122	0.187	0.503	0.147	**0.128**	**0.631**	**0.315**	**0.437**	**0.462**	**0.472**
		Right side			0.010	0.044			0.069	0.034	**0.010**	**0.069**	**0.044**	**0.000**	**0.034**	**0.000**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.831								**0.831**	**0.831**	**0.831**	**0.831**	**0.831**	**0.831**
LTE	LTE Band 7_Ant 0B	Front	0.463	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.670**	**0.830**	**0.947**	**0.672**	**0.767**	**0.594**
		Back	0.764	0.175	0.198	0.244	0.297		0.511	0.396	**0.962**	**1.275**	**1.008**	**1.061**	**1.160**	**1.236**
		Left side	0.114	0.222			0.122	0.187	0.503	0.147	**0.114**	**0.617**	**0.301**	**0.423**	**0.448**	**0.458**
		Right side	0.920		0.010	0.044			0.069	0.034	**0.930**	**0.989**	**0.964**	**0.920**	**0.954**	**0.920**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.269								**0.269**	**0.269**	**0.269**	**0.269**	**0.269**	**0.269**
	LTE Band 25_Ant 0B	Front	0.645	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.852**	**1.012**	**1.129**	**0.854**	**0.949**	**0.776**
		Back	0.957	0.175	0.198	0.244	0.297		0.511	0.396	**1.155**	**1.468**	**1.201**	**1.254**	**1.353**	**1.429**
		Left side	0.137	0.222			0.122	0.187	0.503	0.147	**0.137**	**0.640**	**0.324**	**0.446**	**0.471**	**0.481**
		Right side	0.668		0.010	0.044			0.069	0.034	**0.678**	**0.737**	**0.712**	**0.668**	**0.702**	**0.668**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.637								**0.637**	**0.637**	**0.637**	**0.637**	**0.637**	**0.637**
	LTE Band 41_Ant 0B	Front	0.462	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.669**	**0.829**	**0.946**	**0.671**	**0.766**	**0.593**
		Back	0.596	0.175	0.198	0.244	0.297		0.511	0.396	**0.794**	**1.107**	**0.840**	**0.893**	**0.992**	**1.068**
		Left side	0.089	0.222			0.122	0.187	0.503	0.147	**0.089**	**0.592**	**0.276**	**0.398**	**0.423**	**0.433**
		Right side	0.927		0.010	0.044			0.069	0.034	**0.937**	**0.996**	**0.971**	**0.927**	**0.961**	**0.927**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.357								**0.357**	**0.357**	**0.357**	**0.357**	**0.357**	**0.357**
	LTE Band 66_Ant 0B	Front	0.713	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.920**	**1.080**	**1.197**	**0.922**	**1.017**	**0.844**
		Back	0.734	0.175	0.198	0.244	0.297		0.511	0.396	**0.932**	**1.245**	**0.978**	**1.031**	**1.130**	**1.206**
		Left side	0.174	0.222			0.122	0.187	0.503	0.147	**0.174**	**0.677**	**0.361**	**0.483**	**0.508**	**0.518**
		Right side	0.484		0.010	0.044			0.069	0.034	**0.494**	**0.553**	**0.528**	**0.484**	**0.518**	**0.484**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.865								**0.865**	**0.865**	**0.865**	**0.865**	**0.865**	**0.865**

<WWAN 0C antenna>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN Ant 2 1g SAR (W/kg)	3 2.4GHz WLAN Ant 4 1g SAR (W/kg)	4 5GHz WLAN Ant 4 1g SAR (W/kg)	5 5GHz WLAN Ant 5 1g SAR (W/kg)	6 Bluetooth Ant 2 1g SAR (W/kg)	7 2.4GHz WLAN Ant 2+4 1g SAR (W/kg)	8 5GHz WLAN Ant 4+5 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
GSM	GSM850_Ant 0C	Front	0.749	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.956**	**1.116**	**1.233**	**0.958**	**1.053**	**0.880**
		Back	0.949	0.175	0.198	0.244	0.297		0.511	0.396	**1.147**	**1.460**	**1.193**	**1.246**	**1.345**	**1.421**
		Left side	0.238	0.222			0.122	0.187	0.503	0.147	**0.238**	**0.741**	**0.425**	**0.547**	**0.572**	**0.582**
		Right side	0.077		0.010	0.044			0.069	0.034	**0.087**	**0.146**	**0.121**	**0.077**	**0.111**	**0.077**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.877								**0.877**	**0.877**	**0.877**	**0.877**	**0.877**	**0.877**
WCDMA	WCDMA IV_Ant 0C	Front	0.359	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.566**	**0.726**	**0.843**	**0.568**	**0.663**	**0.490**
		Back	0.447	0.175	0.198	0.244	0.297		0.511	0.396	**0.645**	**0.958**	**0.691**	**0.744**	**0.843**	**0.919**
		Left side	0.726	0.222			0.122	0.187	0.503	0.147	**0.726**	**1.229**	**0.913**	**1.035**	**1.060**	**1.070**
		Right side	0.249		0.010	0.044			0.069	0.034	**0.259**	**0.318**	**0.293**	**0.249**	**0.283**	**0.249**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.375								**0.375**	**0.375**	**0.375**	**0.375**	**0.375**	**0.375**
	WCDMA V_Ant 0C	Front	0.637	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.844**	**1.004**	**1.121**	**0.846**	**0.941**	**0.768**
		Back	0.953	0.175	0.198	0.244	0.297		0.511	0.396	**1.151**	**1.464**	**1.197**	**1.250**	**1.349**	**1.425**
		Left side	0.202	0.222			0.122	0.187	0.503	0.147	**0.202**	**0.705**	**0.389**	**0.511**	**0.536**	**0.546**
		Right side	0.040		0.010	0.044			0.069	0.034	**0.050**	**0.109**	**0.084**	**0.040**	**0.074**	**0.040**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.827								**0.827**	**0.827**	**0.827**	**0.827**	**0.827**	**0.827**
LTE	LTE Band 4_Ant 0C	Front	0.342	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.549**	**0.709**	**0.826**	**0.551**	**0.646**	**0.473**
		Back	0.395	0.175	0.198	0.244	0.297		0.511	0.396	**0.593**	**0.906**	**0.639**	**0.692**	**0.791**	**0.867**
		Left side	0.590	0.222			0.122	0.187	0.503	0.147	**0.590**	**1.093**	**0.777**	**0.899**	**0.924**	**0.934**
		Right side	0.337		0.010	0.044			0.069	0.034	**0.347**	**0.406**	**0.381**	**0.337**	**0.371**	**0.337**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.185								**0.185**	**0.185**	**0.185**	**0.185**	**0.185**	**0.185**
	LTE Band 7_Ant 0C	Front	0.474	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.681**	**0.841**	**0.958**	**0.683**	**0.778**	**0.605**
		Back	0.682	0.175	0.198	0.244	0.297		0.511	0.396	**0.880**	**1.193**	**0.926**	**0.979**	**1.078**	**1.154**
		Left side	0.770	0.222			0.122	0.187	0.503	0.147	**0.770**	**1.273**	**0.957**	**1.079**	**1.104**	**1.114**
		Right side	0.125		0.010	0.044			0.069	0.034	**0.135**	**0.194**	**0.169**	**0.125**	**0.159**	**0.125**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.242								**0.242**	**0.242**	**0.242**	**0.242**	**0.242**	**0.242**
	LTE Band 12_Ant 0C	Front	0.253	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.460**	**0.620**	**0.737**	**0.462**	**0.557**	**0.384**
		Back	0.328	0.175	0.198	0.244	0.297		0.511	0.396	**0.526**	**0.839**	**0.572**	**0.625**	**0.724**	**0.800**
		Left side	0.209	0.222			0.122	0.187	0.503	0.147	**0.209**	**0.712**	**0.396**	**0.518**	**0.543**	**0.553**
		Right side	0.108		0.010	0.044			0.069	0.034	**0.118**	**0.177**	**0.152**	**0.108**	**0.142**	**0.108**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.297								**0.297**	**0.297**	**0.297**	**0.297**	**0.297**	**0.297**
	LTE Band 13_Ant 0C	Front	0.552	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.759**	**0.919**	**1.036**	**0.761**	**0.856**	**0.683**
		Back	0.651	0.175	0.198	0.244	0.297		0.511	0.396	**0.849**	**1.162**	**0.895**	**0.948**	**1.047**	**1.123**
		Left side	0.268	0.222			0.122	0.187	0.503	0.147	**0.268**	**0.771**	**0.455**	**0.577**	**0.602**	**0.612**
		Right side	0.085		0.010	0.044			0.069	0.034	**0.095**	**0.154**	**0.129**	**0.085**	**0.119**	**0.085**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.592								**0.592**	**0.592**	**0.592**	**0.592**	**0.592**	**0.592**
	LTE Band 26_Ant 0C	Front	0.746	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.953**	**1.113**	**1.230**	**0.955**	**1.050**	**0.877**
		Back	0.984	0.175	0.198	0.244	0.297		0.511	0.396	**1.182**	**1.495**	**1.228**	**1.281**	**1.380**	**1.456**
		Left side	0.284	0.222			0.122	0.187	0.503	0.147	**0.284**	**0.787**	**0.471**	**0.593**	**0.618**	**0.628**
		Right side	0.110		0.010	0.044			0.069	0.034	**0.120**	**0.179**	**0.154**	**0.110**	**0.144**	**0.110**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.824								**0.824**	**0.824**	**0.824**	**0.824**	**0.824**	**0.824**
	LTE Band 38_Ant 0C	Front	0.217	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.424**	**0.584**	**0.701**	**0.426**	**0.521**	**0.348**
		Back	0.350	0.175	0.198	0.244	0.297		0.511	0.396	**0.548**	**0.861**	**0.594**	**0.647**	**0.746**	**0.822**
		Left side	0.554	0.222			0.122	0.187	0.503	0.147	**0.554**	**1.057**	**0.741**	**0.863**	**0.888**	**0.898**

		Right side	0.098		0.010	0.044			0.069	0.034	**0.108**	**0.167**	**0.142**	**0.098**	**0.132**	**0.098**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.109								**0.109**	**0.109**	**0.109**	**0.109**	**0.109**	**0.109**
	LTE Band 41_Ant 0C	Front	0.182	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.389**	**0.549**	**0.666**	**0.391**	**0.486**	**0.313**
		Back	0.343	0.175	0.198	0.244	0.297		0.511	0.396	**0.541**	**0.854**	**0.587**	**0.640**	**0.739**	**0.815**
		Left side	0.079	0.222			0.122	0.187	0.503	0.147	**0.079**	**0.582**	**0.266**	**0.388**	**0.413**	**0.423**
		Right side	0.493		0.010	0.044			0.069	0.034	**0.503**	**0.562**	**0.537**	**0.493**	**0.527**	**0.493**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.091								**0.091**	**0.091**	**0.091**	**0.091**	**0.091**	**0.091**
	LTE Band 71_Ant 0C	Front	0.283	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.490**	**0.650**	**0.767**	**0.492**	**0.587**	**0.414**
		Back	0.385	0.175	0.198	0.244	0.297		0.511	0.396	**0.583**	**0.896**	**0.629**	**0.682**	**0.781**	**0.857**
		Left side	0.264	0.222			0.122	0.187	0.503	0.147	**0.264**	**0.767**	**0.451**	**0.573**	**0.598**	**0.608**
		Right side	0.121		0.010	0.044			0.069	0.034	**0.131**	**0.190**	**0.165**	**0.121**	**0.155**	**0.121**
		Top side		0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.512**	**0.526**	**0.263**	**0.131**	**0.218**	**0.137**
		Bottom side	0.302								**0.302**	**0.302**	**0.302**	**0.302**	**0.302**	**0.302**

<WWAN 1 antenna>

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
			WWAN	2.4GHz WLAN Ant 2	2.4GHz WLAN Ant 4	5GHz WLAN Ant 4	5GHz WLAN Ant 5	Bluetooth Ant 2	2.4GHz WLAN Ant 2+4	5GHz WLAN Ant 4+5						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM850_Ant 1	Front	0.347	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.554**	**0.714**	**0.831**	**0.556**	**0.651**	**0.478**
		Back	0.433	0.175	0.198	0.244	0.297		0.511	0.396	**0.631**	**0.944**	**0.677**	**0.730**	**0.829**	**0.905**
		Left side	0.225	0.222			0.122	0.187	0.503	0.147	**0.225**	**0.728**	**0.412**	**0.534**	**0.559**	**0.569**
		Right side	0.114		0.010	0.044			0.069	0.034	**0.124**	**0.183**	**0.158**	**0.114**	**0.148**	**0.114**
		Top side	0.187	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.699**	**0.713**	**0.450**	**0.318**	**0.405**	**0.324**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	GSM1900_Ant 1	Front	0.648	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.855**	**1.015**	**1.132**	**0.857**	**0.952**	**0.779**
		Back	0.793	0.175	0.198	0.244	0.297		0.511	0.396	**0.991**	**1.304**	**1.037**	**1.090**	**1.189**	**1.265**
		Left side	0.554	0.222			0.122	0.187	0.503	0.147	**0.554**	**1.057**	**0.741**	**0.863**	**0.888**	**0.898**
		Right side	0.136		0.010	0.044			0.069	0.034	**0.146**	**0.205**	**0.180**	**0.136**	**0.170**	**0.136**
		Top side	0.944	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**1.456**	**1.470**	**1.207**	**1.075**	**1.162**	**1.081**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
WCDMA	WCDMA II_Ant 1	Front	0.664	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.871**	**1.031**	**1.148**	**0.873**	**0.968**	**0.795**
		Back	0.786	0.175	0.198	0.244	0.297		0.511	0.396	**0.984**	**1.297**	**1.030**	**1.083**	**1.182**	**1.258**
		Left side	0.534	0.222			0.122	0.187	0.503	0.147	**0.534**	**1.037**	**0.721**	**0.843**	**0.868**	**0.878**
		Right side	0.116		0.010	0.044			0.069	0.034	**0.126**	**0.185**	**0.160**	**0.116**	**0.150**	**0.116**
		Top side	0.941	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**1.453**	**1.467**	**1.204**	**1.072**	**1.159**	**1.078**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	WCDMA IV_Ant 1	Front	0.725	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.932**	**1.092**	**1.209**	**0.934**	**1.029**	**0.856**
		Back	0.863	0.175	0.198	0.244	0.297		0.511	0.396	**1.061**	**1.374**	**1.107**	**1.160**	**1.259**	**1.335**
		Left side	0.471	0.222			0.122	0.187	0.503	0.147	**0.471**	**0.974**	**0.658**	**0.780**	**0.805**	**0.815**
		Right side	0.115		0.010	0.044			0.069	0.034	**0.125**	**0.184**	**0.159**	**0.115**	**0.149**	**0.115**
		Top side	0.985	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**1.497**	**1.511**	**1.248**	**1.116**	**1.203**	**1.122**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	WCDMA V_Ant 1	Front	0.419	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.626**	**0.786**	**0.903**	**0.628**	**0.723**	**0.550**
		Back	0.529	0.175	0.198	0.244	0.297		0.511	0.396	**0.727**	**1.040**	**0.773**	**0.826**	**0.925**	**1.001**
		Left side	0.343	0.222			0.122	0.187	0.503	0.147	**0.343**	**0.846**	**0.530**	**0.652**	**0.677**	**0.687**
		Right side	0.167		0.010	0.044			0.069	0.034	**0.177**	**0.236**	**0.211**	**0.167**	**0.201**	**0.167**
		Top side	0.203	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.715**	**0.729**	**0.466**	**0.334**	**0.421**	**0.340**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
LTE	LTE Band 7_Ant 1	Front	0.442	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.649**	**0.809**	**0.926**	**0.651**	**0.746**	**0.573**
		Back	0.533	0.175	0.198	0.244	0.297		0.511	0.396	**0.731**	**1.044**	**0.777**	**0.830**	**0.929**	**1.005**
		Left side	0.191	0.222			0.122	0.187	0.503	0.147	**0.191**	**0.694**	**0.378**	**0.500**	**0.525**	**0.535**
		Right side	0.064		0.010	0.044			0.069	0.034	**0.074**	**0.133**	**0.108**	**0.064**	**0.098**	**0.064**
		Top side	0.946	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**1.458**	**1.472**	**1.209**	**1.077**	**1.164**	**1.083**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	LTE Band 12_Ant 1	Front	0.238	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.445**	**0.605**	**0.722**	**0.447**	**0.542**	**0.369**
		Back	0.267	0.175	0.198	0.244	0.297		0.511	0.396	**0.465**	**0.778**	**0.511**	**0.564**	**0.663**	**0.739**
		Left side	0.241	0.222			0.122	0.187	0.503	0.147	**0.241**	**0.744**	**0.428**	**0.550**	**0.575**	**0.585**
		Right side	0.104		0.010	0.044			0.069	0.034	**0.114**	**0.173**	**0.148**	**0.104**	**0.138**	**0.104**
		Top side	0.169	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.681**	**0.695**	**0.432**	**0.300**	**0.387**	**0.306**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	LTE Band 13_Ant 1	Front	0.425	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.632**	**0.792**	**0.909**	**0.634**	**0.729**	**0.556**
		Back	0.502	0.175	0.198	0.244	0.297		0.511	0.396	**0.700**	**1.013**	**0.746**	**0.799**	**0.898**	**0.974**
		Left side	0.276	0.222			0.122	0.187	0.503	0.147	**0.276**	**0.779**	**0.463**	**0.585**	**0.610**	**0.620**
		Right side	0.115		0.010	0.044			0.069	0.034	**0.125**	**0.184**	**0.159**	**0.115**	**0.149**	**0.115**
		Top side	0.165	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.677**	**0.691**	**0.428**	**0.296**	**0.383**	**0.302**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	LTE Band 25_Ant 1	Front	0.682	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.889**	**1.049**	**1.166**	**0.891**	**0.986**	**0.813**
		Back	0.792	0.175	0.198	0.244	0.297		0.511	0.396	**0.990**	**1.303**	**1.036**	**1.089**	**1.188**	**1.264**
		Left side	0.658	0.222			0.122	0.187	0.503	0.147	**0.658**	**1.161**	**0.845**	**0.967**	**0.992**	**1.002**

		Right side	0.120		0.010	0.044			0.069	0.034	**0.130**	**0.189**	**0.164**	**0.120**	**0.154**	**0.120**
		Top side	0.951	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**1.463**	**1.477**	**1.214**	**1.082**	**1.169**	**1.088**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	LTE Band 26_Ant 1	Front	0.363	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.570**	**0.730**	**0.847**	**0.572**	**0.667**	**0.494**
		Back	0.505	0.175	0.198	0.244	0.297		0.511	0.396	**0.703**	**1.016**	**0.749**	**0.802**	**0.901**	**0.977**
		Left side	0.308	0.222			0.122	0.187	0.503	0.147	**0.308**	**0.811**	**0.495**	**0.617**	**0.642**	**0.652**
		Right side	0.129		0.010	0.044			0.069	0.034	**0.139**	**0.198**	**0.173**	**0.129**	**0.163**	**0.129**
		Top side	0.172	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.684**	**0.698**	**0.435**	**0.303**	**0.390**	**0.309**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	LTE Band 41_Ant 1	Front	0.567	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.774**	**0.934**	**1.051**	**0.776**	**0.871**	**0.698**
		Back	0.687	0.175	0.198	0.244	0.297		0.511	0.396	**0.885**	**1.198**	**0.931**	**0.984**	**1.083**	**1.159**
		Left side	0.246	0.222			0.122	0.187	0.503	0.147	**0.246**	**0.749**	**0.433**	**0.555**	**0.580**	**0.590**
		Right side	0.142		0.010	0.044			0.069	0.034	**0.152**	**0.211**	**0.186**	**0.142**	**0.176**	**0.142**
		Top side	0.975	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**1.487**	**1.501**	**1.238**	**1.106**	**1.193**	**1.112**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	LTE Band 66_Ant 1	Front	0.698	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.905**	**1.065**	**1.182**	**0.907**	**1.002**	**0.829**
		Back	0.770	0.175	0.198	0.244	0.297		0.511	0.396	**0.968**	**1.281**	**1.014**	**1.067**	**1.166**	**1.242**
		Left side	0.612	0.222			0.122	0.187	0.503	0.147	**0.612**	**1.115**	**0.799**	**0.921**	**0.946**	**0.956**
		Right side	0.110		0.010	0.044			0.069	0.034	**0.120**	**0.179**	**0.154**	**0.110**	**0.144**	**0.110**
		Top side	0.979	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**1.491**	**1.505**	**1.242**	**1.110**	**1.197**	**1.116**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
	LTE Band 71_Ant 1	Front	0.206	0.084	0.207	0.322	0.047	0.162	0.367	0.142	**0.413**	**0.573**	**0.690**	**0.415**	**0.510**	**0.337**
		Back	0.247	0.175	0.198	0.244	0.297		0.511	0.396	**0.445**	**0.758**	**0.491**	**0.544**	**0.643**	**0.719**
		Left side	0.148	0.222			0.122	0.187	0.503	0.147	**0.148**	**0.651**	**0.335**	**0.457**	**0.482**	**0.492**
		Right side	0.049		0.010	0.044			0.069	0.034	**0.059**	**0.118**	**0.093**	**0.049**	**0.083**	**0.049**
		Top side	0.111	0.013	0.512	0.256	0.124	0.007	0.526	0.211	**0.623**	**0.637**	**0.374**	**0.242**	**0.329**	**0.248**
		Bottom side									**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**

16.3 Body-Worn Accessory Exposure Conditions

<Standalone>

Exposure Position	2	3	4	5	6	7	2+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	5+6 Summed 1g SAR (W/kg)	6+7 Summed 1g SAR (W/kg)
	2.4GHz WLAN Ant 2	2.4GHz WLAN Ant 4	5GHz WLAN Ant 4	5GHz WLAN Ant 5	Bluetooth Ant 2	5GHz WLAN Ant 4+5				
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	Estimated 1g SAR (W/kg)				
Front	0.595	0.462	0.451	0.082	0.227	0.152	**0.667**	**0.678**	**0.309**	**0.379**
Back	0.780	0.508	0.322	0.793	0.315	1.183	**1.573**	**0.637**	**1.108**	**1.498**

Exposure Position	2	3	2+3 Summed 1g SAR (W/kg)
	2.4GHz WLAN Ant 2	2.4GHz WLAN Ant 4	
	1g SAR (W/kg)	1g SAR (W/kg)	
Front	0.728	0.462	**1.190**
Back	1.020	0.508	**1.528**

<Simultaneous Transmission is active
<WWAN 0B antenna>

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
			WWAN	2.4GHz WLAN Ant 2	2.4GHz WLAN Ant 4	5GHz WLAN Ant 4	5GHz WLAN Ant 5	Bluetooth Ant 2	2.4GHz WLAN Ant 2+4	5GHz WLAN Ant 4+5							
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM1900_ Ant 0B	Front	0.625	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.832**	**0.992**	**1.120**	**0.846**	**0.919**	**0.768**
		Back	0.956	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.154**	**1.467**	**1.370**	**1.416**	**1.518**	**1.421**
WCDMA	WCDMA II_Ant 0B	Front	0.717	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.924**	**1.084**	**1.212**	**0.938**	**1.011**	**0.860**
		Back	0.942	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.140**	**1.453**	**1.356**	**1.402**	**1.504**	**1.407**
	WCDMA IV_Ant 0B	Front	0.599	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.806**	**0.966**	**1.094**	**0.820**	**0.893**	**0.742**
		Back	0.750	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.948**	**1.261**	**1.164**	**1.210**	**1.312**	**1.215**
LTE	LTE Band 7_Ant 0B	Front	0.463	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.670**	**0.830**	**0.958**	**0.684**	**0.757**	**0.606**
		Back	0.764	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.962**	**1.275**	**1.178**	**1.224**	**1.326**	**1.229**
	LTE Band 25_Ant 0B	Front	0.645	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.852**	**1.012**	**1.140**	**0.866**	**0.939**	**0.788**
		Back	0.957	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.155**	**1.468**	**1.371**	**1.417**	**1.519**	**1.422**
	LTE Band 41_Ant 0B	Front	0.542	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.749**	**0.909**	**1.037**	**0.763**	**0.836**	**0.685**
		Back	0.760	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.958**	**1.271**	**1.174**	**1.220**	**1.322**	**1.225**
	LTE Band 66_Ant 0B	Front	0.713	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.920**	**1.080**	**1.208**	**0.934**	**1.007**	**0.856**
		Back	0.734	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.932**	**1.245**	**1.148**	**1.194**	**1.296**	**1.199**

<WWAN 0C antenna>

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
			WWAN	2.4GHz WLAN Ant 2	2.4GHz WLAN Ant 4	5GHz WLAN Ant 4	5GHz WLAN Ant 5	Bluetooth Ant 2	2.4GHz WLAN Ant 2+4	5GHz WLAN Ant 4+5						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM850_ Ant 0C	Front	0.749	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.956**	**1.116**	**1.244**	**0.970**	**1.043**	**0.892**
		Back	0.949	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.147**	**1.460**	**1.363**	**1.409**	**1.511**	**1.414**
WCDMA	WCDMA IV_Ant 0C	Front	0.359	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.566**	**0.726**	**0.854**	**0.580**	**0.653**	**0.502**
		Back	0.447	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.645**	**0.958**	**0.861**	**0.907**	**1.009**	**0.912**
	WCDMA V_Ant 0C	Front	0.637	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.844**	**1.004**	**1.132**	**0.858**	**0.931**	**0.780**
		Back	0.953	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.151**	**1.464**	**1.367**	**1.413**	**1.515**	**1.418**
LTE	LTE Band 4_Ant 0C	Front	0.342	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.549**	**0.709**	**0.837**	**0.563**	**0.636**	**0.485**
		Back	0.395	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.593**	**0.906**	**0.809**	**0.855**	**0.957**	**0.860**
	LTE Band 7_Ant 0C	Front	0.474	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.681**	**0.841**	**0.969**	**0.695**	**0.768**	**0.617**
		Back	0.682	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.880**	**1.193**	**1.096**	**1.142**	**1.244**	**1.147**
	LTE Band 12_Ant 0C	Front	0.253	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.460**	**0.620**	**0.748**	**0.474**	**0.547**	**0.396**
		Back	0.328	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.526**	**0.839**	**0.742**	**0.788**	**0.890**	**0.793**
	LTE Band 13_Ant 0C	Front	0.552	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.759**	**0.919**	**1.047**	**0.773**	**0.846**	**0.695**
		Back	0.651	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.849**	**1.162**	**1.065**	**1.111**	**1.213**	**1.116**
	LTE Band 26_Ant 0C	Front	0.746	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.953**	**1.113**	**1.241**	**0.967**	**1.040**	**0.889**
		Back	0.984	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.182**	**1.495**	**1.398**	**1.444**	**1.546**	**1.449**
	LTE Band 38_Ant 0C	Front	0.217	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.424**	**0.584**	**0.712**	**0.438**	**0.511**	**0.360**
		Back	0.350	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.548**	**0.861**	**0.764**	**0.810**	**0.912**	**0.815**
	LTE Band 41_Ant 0C	Front	0.182	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.389**	**0.549**	**0.677**	**0.403**	**0.476**	**0.325**
		Back	0.343	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.541**	**0.854**	**0.757**	**0.803**	**0.905**	**0.808**
	LTE Band 71_Ant 0C	Front	0.283	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.490**	**0.650**	**0.778**	**0.504**	**0.577**	**0.426**
		Back	0.385	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.583**	**0.896**	**0.799**	**0.845**	**0.947**	**0.850**

<WWAN 1 antenna>

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	1+3 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)
			WWAN	2.4GHz WLAN Ant 2	2.4GHz WLAN Ant 4	5GHz WLAN Ant 4	5GHz WLAN Ant 5	Bluetooth Ant 2	2.4GHz WLAN Ant 2+4	5GHz WLAN Ant 4+5						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM850_Ant 1	Front	0.347	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.554**	**0.714**	**0.842**	**0.568**	**0.641**	**0.490**
		Back	0.433	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.631**	**0.944**	**0.847**	**0.893**	**0.995**	**0.898**
	GSM1900_Ant 1	Front	0.788	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.995**	**1.155**	**1.283**	**1.009**	**1.082**	**0.931**
		Back	0.975	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.173**	**1.486**	**1.389**	**1.435**	**1.537**	**1.440**
WCDMA	WCDMA II_Ant 1	Front	0.822	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**1.029**	**1.189**	**1.317**	**1.043**	**1.116**	**0.965**
		Back	0.954	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.152**	**1.465**	**1.368**	**1.414**	**1.516**	**1.419**
	WCDMA IV_Ant 1	Front	0.813	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**1.020**	**1.180**	**1.308**	**1.034**	**1.107**	**0.956**
		Back	0.968	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.166**	**1.479**	**1.382**	**1.428**	**1.530**	**1.433**
	WCDMA V_Ant 1	Front	0.419	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.626**	**0.786**	**0.914**	**0.640**	**0.713**	**0.562**
		Back	0.529	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.727**	**1.040**	**0.943**	**0.989**	**1.091**	**0.994**
LTE	LTE Band 7_Ant 1	Front	0.684	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.891**	**1.051**	**1.179**	**0.905**	**0.978**	**0.827**
		Back	0.661	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.859**	**1.172**	**1.075**	**1.121**	**1.223**	**1.126**
	LTE Band 12_Ant 1	Front	0.238	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.445**	**0.605**	**0.733**	**0.459**	**0.532**	**0.381**
		Back	0.267	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.465**	**0.778**	**0.681**	**0.727**	**0.829**	**0.732**
	LTE Band 13_Ant 1	Front	0.425	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.632**	**0.792**	**0.920**	**0.646**	**0.719**	**0.568**
		Back	0.502	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.700**	**1.013**	**0.916**	**0.962**	**1.064**	**0.967**
	LTE Band 25_Ant 1	Front	0.682	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.889**	**1.049**	**1.177**	**0.903**	**0.976**	**0.825**
		Back	0.792	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.990**	**1.303**	**1.206**	**1.252**	**1.354**	**1.257**
	LTE Band 26_Ant 1	Front	0.363	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.570**	**0.730**	**0.858**	**0.584**	**0.657**	**0.506**
		Back	0.505	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.703**	**1.016**	**0.919**	**0.965**	**1.067**	**0.970**
	LTE Band 41_Ant 1	Front	0.689	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.896**	**1.056**	**1.184**	**0.910**	**0.983**	**0.832**
		Back	0.770	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.968**	**1.281**	**1.184**	**1.230**	**1.332**	**1.235**
	LTE Band 66_Ant 1	Front	0.890	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**1.097**	**1.257**	**1.385**	**1.111**	**1.184**	**1.033**
		Back	0.963	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**1.161**	**1.474**	**1.377**	**1.423**	**1.525**	**1.428**
	LTE Band 71_Ant 1	Front	0.206	0.084	0.207	0.333	0.059	0.162	0.367	0.132	**0.413**	**0.573**	**0.701**	**0.427**	**0.500**	**0.349**
		Back	0.247	0.175	0.198	0.244	0.290	0.170	0.511	0.392	**0.445**	**0.758**	**0.661**	**0.707**	**0.809**	**0.712**

16.4 Product Specific Exposure Conditions

<Standalone>

Remark:

1. In standalone mode, the WWAN operating will not transmit simultaneous with WLAN/BT transmitter
2. According to KDB 941225 D06 v02r01 and KDB 648474 D04v01r03, for (-) SAR was excluded, due to transmitting antenna located larger 25mm from that surface or hotspot SAR was < 1.2W/kg.

<Standalone SISO consideration>

Exposure Position	2 2.4GHz WLAN Ant 2 10g SAR (W/kg)	3 2.4GHz WLAN Ant 4 10g SAR (W/kg)	4 5GHz WLAN Ant 4 10g SAR (W/kg)	5 5GHz WLAN Ant 5 10g SAR (W/kg)	6 Bluetooth Ant 2 10g SAR (W/kg)	2+5 Summed 10g SAR (W/kg)	4+6 Summed 10g SAR (W/kg)	5+6 Summed 10g SAR (W/kg)
Front	-	-	1.704	0.330	-	**0.330**	**1.704**	**0.330**
Back	-	-	1.278	1.973	-	**1.973**	**1.278**	**1.973**
Left side	-	-	-	0.635	-	**0.635**	**0.000**	**0.635**
Right side	-	-	0.097	-	-	**0.000**	**0.097**	**0.000**
Top side	-	-	0.883	0.320	-	**0.320**	**0.883**	**0.320**
Bottom side	-	-	-	-	-	**0.000**	**0.000**	**0.000**

<Standalone MIMO consideration>

Exposure Position	2 2.4GHz WLAN Ant 2 10g SAR (W/kg)	3 2.4GHz WLAN Ant 4 10g SAR (W/kg)	4 5GHz WLAN Ant 4 10g SAR (W/kg)	5 5GHz WLAN Ant 5 10g SAR (W/kg)	6 Bluetooth Ant 2 10g SAR (W/kg)	2+3 Summed 10g SAR (W/kg)	4+5+6 Summed 10g SAR (W/kg)
Front	-	-	1.704	0.447	-	**0.000**	**2.151**
Back	-	-	1.278	2.612	-	**0.000**	**3.890**
Left side	3.495	-	-	0.867	-	**3.495**	**0.867**
Right side	-	-	0.097	-	-	**0.000**	**0.097**
Top side	-	-	0.883	0.437	-	**0.000**	**1.320**
Bottom side	-	-	-	-	-	**0.000**	**0.000**

<Simultaneous Transmission is active>

Remark:

1. According to KDB 941225 D06 v02r01 and KDB 648474 D04v01r03, for (-) SAR was excluded, due to transmitting antenna located larger 25mm from that surface or hotspot SAR was < 1.2W/kg when WWAN operating and WLAN/BT operating is active at the same time.

Exposure Position	1 WWAN 10g SAR (W/kg)	2 2.4GHz WLAN Ant 2 10g SAR (W/kg)	3 2.4GHz WLAN Ant 4 10g SAR (W/kg)	4 5GHz WLAN Ant 4 10g SAR (W/kg)	5 5GHz WLAN Ant 5 10g SAR (W/kg)	6 Bluetooth Ant 2 10g SAR (W/kg)	7 2.4GHz WLAN Ant 2+4 10g SAR (W/kg)	8 5GHz WLAN Ant 4+5 10g SAR (W/kg)	1+3 Summed 10g SAR (W/kg)	1+7 Summed 10g SAR (W/kg)	1+4+6 Summed 10g SAR (W/kg)	1+5+6 Summed 10g SAR (W/kg)	1+6+8 Summed 10g SAR (W/kg)	1+2+5 Summed 10g SAR (W/kg)
Front	-	-	-	1.704	0.330	-	-	-	**0.000**	**0.000**	**1.704**	**0.330**	**0.000**	**0.330**
Back	-	-	-	1.278	1.973	-	-	-	**0.000**	**0.000**	**1.278**	**1.973**	**0.000**	**1.973**
Left side	-	-	-	-	0.635	-	-	-	**0.000**	**0.000**	**0.000**	**0.635**	**0.000**	**0.635**
Right side	-	-	-	0.097	-	-	-	-	**0.000**	**0.000**	**0.097**	**0.000**	**0.000**	**0.000**
Top side	-	-	-	0.883	0.320	-	-	-	**0.000**	**0.000**	**0.883**	**0.320**	**0.000**	**0.320**
Bottom side	-	-	-	-	-	-	-	-	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**

17. Supplemental Antenna tuner tests results

General Note:

1. This device implements antenna tuning techniques in the GSM850/1900, WCDMA B2/4/5, LTE B7/12/13/25/26/41/66/71. SAR test proposal was measured according to the normally required SAR configurations with the tuner active and worst tune state (auto tune) was used for SAR testing and this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching.
2. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
3. To evaluate all of the tuner states, the 144 tuner states are divided evenly among band, mode and exposure combinations so that at least one single point SAR measurement is measured in each configuration. Single point time-sweep measurements will be performed at the peak SAR location determined by the zoom scan of the configuration with the highest reported SAR for each combination. The tuner state will be established remotely so that the device is not moved for the entire series of single point SAR for the tuner states in each combination. The SAR probe will remain stationary at the same position throughout the entire series of single point measurements for each combination.
4. The device supports LTE B5/B26, B2/B25, B4/B66, B12/17 and B38/B41. Since the supported frequency span for LTE B5/B2/B4/B17/B38 falls completely within the supported frequency span for LTE B26/B25/B66/B12/B41, and both bands have the same target power and both LTE bands share the same transmission path, therefore standalone SAR was only assessed for LTE B26/B25/B66/B12/B41. The single point SAR time-sweep measurements were treated independently for each supported ACL frequency band. For the LTE B5/B2/B4/B17/B38 single point SAR measurement selected the highest measured SAR configuration and exposure condition of LTE B26/B25/B66/B12/B41.
5. According to TCBC 201904 workshop, total number tuner states divided evenly among each supported band / air interface and exposure condition combination.
6. According to TCBC 201904 workshop, if any single point SAR measurement result is > 1.2 W/kg for a band/exposure condition combination set, all supported tuner states are evaluated with single point SAR measurements for the combination
7. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).

<Ant 1 Tuner SAR results>

Head (Antenna 1)																							
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	0	13	26	39	52	65	78	91	104	117	130	143	
GSM850	GPRS (4 Tx slots)	836.4	189	N/A	N/A	Right Cheek	0 mm	0.768	1.146	0.033	0.336	0.476	0.016	0.014	0.235	1.127	0.170	0.144	0.524	0.808	1.138		
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	1	14	27	40	53	66	79	92	105	118	131			
GSM1900	GPRS (4 Tx slots)	1909.8	810	N/A	N/A	Right Cheek	0 mm	0.735	0.911	0.598	0.895	0.905	0.492	0.543	0.861	0.291	0.729	0.854	0.901	0.908			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	2	15	28	41	54	67	80	93	106	119	132			
WCDMA B2	RMC12.2K	1880	9400	N/A	N/A	Right Cheek	0 mm	0.885	1.198	0.872	1.103	1.164	0.757	0.725	0.989	0.509	1.072	1.061	0.985	1.154			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	3	16	29	42	55	68	81	94	107	120	133			
WCDMA B4	RMC12.2K	1732.6	1413	N/A	N/A	Right Cheek	0 mm	0.822	0.997	0.581	0.765	0.882	0.601	0.714	0.712	0.349	0.826	0.881	0.895	0.947			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	4	17	30	43	56	69	82	95	108	121	134			
WCDMA B5	RMC12.2K	836.4	4182	N/A	N/A	Right Cheek	0 mm	0.842	1.021	0.141	0.353	0.006	0.056	0.094	0.442	0.039	0.398	0.387	0.867	1.019			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	5	18	31	44	57	70	83	96	109	122	135			
LTE Band 7	QPSK	2560	21350	1	99	Right Tilted	0 mm	0.961	1.872	1.86	1.777	1.868	1.778	1.178	1.649	1.722	1.525	1.002	1.133	1.58			
Average Value of Time Sweep (W/kg)																							
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
0.746	1.308	0.822	0.422	0.403	1.86	1.137	0.47	1.013	0.241	0.937	1.337	1.622	1.489	1.86	1.546	0.47	0.089	1.777	1.432	1.146	1.394		
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43		
0.68	0.708	0.851	1.194	1.089	0.527	0.46	0.099	0.889	1.868	0.708	1.441	0.146	1.641	0.194	1.546	0.394	1.822	1.632	0.975	1.737	1.603		
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65		
1.778	0.927	1.708	0.67	1.013	0.175	0.641	0.26	1.584	1.051	1.232	0.127	1.851	1.178	0.708	1.508	1.432	1.48	0.194	1.06	0.175	0.67		
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87		
1.537	0.175	0.194	0.346	1.649	1.08	0.613	1.232	1.794	1.213	0.651	1.746	1.527	1.737	1.241	1.527	1.441	1.722	0.737	1.165	1.451	1.699		
88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109		
0.641	1.184	1.66	1.337	1.784	0.575	1.718	1.813	1.525	1.403	1.775	1.308	1.28	0.403	0.68	0.918	1.632	1.841	1.603	1.422	0.899	1.002		
110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131		
1.546	1.518	0.832	0.394	0.784	1.194	1.422	1.184	0.365	1.165	0.241	0.841	1.133	1.117	1.612	0.65	1.45	1.393	1.24	0.193	1.021	0.136		
132	133	134	135	136	137	138	139	140	141	142	143												
0.259	0.164	0.421	1.58	1.098	0.469	0.088	1.288	0.25	0.317	1.212	0.288												
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	6	19	32	45	58	71	84	97	110	123	136			
LTE Band 12	QPSK	707.5	23095	1	0	Right Cheek	0 mm	0.935	1.145	0.46	0.763	0.017	0.099	0.096	0.012	0.039	0.315	0.298	0.077	0.002			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	7	20	33	46	59	72	85	98	111	124	137			
LTE Band 13	QPSK	782	23230	1	0	Right Cheek	0 mm	0.937	1.197	0.261	0.442	0.023	0.314	0.037	0.166	0.162	1.201	0.498	0.238	0.441			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	8	21	34	47	60	73	86	99	112	125	138			
LTE Band 25	QPSK	1905	26590	1	0	Right Cheek	0 mm	0.868	1.136	0.988	1.081	0.884	1.072	0.443	0.738	1.057	1.106	0.636	0.804	1.014			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	9	22	35	48	61	74	87	100	113	126	139			
LTE Band 26	QPSK	831.5	26865	1	0	Right Cheek	0 mm	0.841	1.042	0.23	0.389	0.198	0.504	0.054	0.037	0.28	1.063	0.115	0.309	0.678			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	10	23	36	49	62	75	88	101	114	127	140			
LTE Band 41	QPSK	2506	39750	1	0	Right Tilted	0 mm	0.859	1.423	1.293	1.265	0.975	1.101	1.181	1.213	1.261	0.899	0.963	1.225	0.945			
Average Value of Time Sweep (W/kg)																							
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
0.764	0.831	1.392	1.24	1.183	0.802	0.573	0.621	0.145	1.316	1.293	0.478	0.145	0.478	1.078	0.116	0.192	1.354	1.088	0.726	1.259	0.526		
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43		
0.373	1.265	0.954	0.611	0.097	0.726	1.326	1.116	0.611	1.373	0.707	0.069	0.954	0.383	0.975	0.25	0.973	0.164	1.383	0.926	0.983	1.421		
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65		
0.564	0.973	1.183	0.535	1.059	1.101	0.992	0.192	0.592	0.773	1.354	1.078	1.135	0.545	0.573	0.526	0.621	0.897	1.181	0.707	0.097	0.335		
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87		
0.916	1.269	0.859	0.488	0.107	1.05	0.269	0.545	0.164	1.213	0.135	0.611	0.973	0.088	0.097	1.069	0.269	0.897	0.821	1.011	0.478	0.602		
88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109		
1.261	0.478	1.173	0.583	0.078	0.516	0.211	0.745	0.726	1.183	0.211	0.907	0.24	0.899	1.392	1.392	0.478	0.992	0.088	0.554	0.231	0.945		
110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131		
0.897	0.726	1.04	0.202	0.963	1.069	1.24	0.783	0.107	0.164	0.85	1.135	0.992	0.831	0.364	1.278	0.907	1.225	0.621	0.707	0.088	0.288		
132	133	134	135	136	137	138	139	140	141	142	143												
0.716	1.421	0.85	0.859	1.05	1.421	0.392	0.126	0.945	0.602	0.602	0.288												
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	11	24	37	50	63	76	89	102	115	128	141			
LTE Band 66	QPSK	1720	132072	1	0	Right Cheek	0 mm	0.819	1.011	0.762	0.831	0.935	1.002	0.454	0.868	0.923	0.921	0.965	0.901	0.849			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)														
									Auto-Tune	12	25	38	51	64	77	90	103	116	129	142			
LTE Band 71	QPSK	680.5	133297	1	0	Right Cheek	0 mm	0.789	1.655	0.932	1.243	0.337	0.007	0.543	0.141	1.544	0.006	0.039	0.402	0.366			
Average Value of Time Sweep (W/kg)																							
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		

0.186	1.405	0.158	0.291	1.491	1.224	1.434	0.777	1.586	1.386	0.386	0.082	0.932	1.177	0.558	1.167	0.31	1.52	0.443	0.567	0.224	0.51
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
0.863	1.596	0.939	1.243	0.32	0.815	1.101	0.167	1.443	0.234	0.205	0.615	1.196	1.386	0.52	1.177	0.337	0.71	0.405	0.196	0.463	0.834
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
0.986	0.72	0.243	0.377	1.453	1.129	1.367	0.007	0.596	1.596	0.596	1.52	1.586	1.158	0.986	0.253	1.634	0.929	0.434	0.396	0.543	0.596
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
0.282	0.786	1.101	0.139	1.386	1.529	0.691	1.463	0.396	1.548	0.377	0.141	1.053	0.843	1.139	0.796	0.996	0.843	0.339	0.739	0.491	0.91
88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
0.977	0.748	1.544	1.634	1.386	1.31	1.082	1.529	0.948	1.453	1.434	0.51	0.643	0.51	1.329	0.006	1.577	1.101	0.129	0.605	1.443	1.082
110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131
0.434	0.196	1.567	1.463	0.748	1.015	0.039	0.196	1.234	1.415	0.405	1.005	0.139	0.472	1.272	1.091	0.691	0.958	1.167	0.402	0.491	0.539
132	133	134	135	136	137	138	139	140	141	142	143										
0.52	0.082	0.405	0.929	0.786	0.615	0.691	1.139	1.529	1.043	0.366	0.567										

Body (Antenna 1)

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	0	13	26	39	52	65	78	91	104	117	130	143
GSM850	GPRS (4 Tx slots)	848.8	251	N/A	N/A	Back	10mm	0.365	0.511	0.323	0.416	0.02	0.003	0.03	0.02	0.134	0.08	0.38	0.216	0.372	0.219
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	1	14	27	40	53	66	79	92	105	118	131	
GSM1900	GPRS (4 Tx slots)	1880	661	N/A	N/A	Top Side	10mm	0.748	1.12	1.162	0.925	0.677	1.022	0.38	1.01	0.807	1.025	0.839	1.076	0.871	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	2	15	28	41	54	67	80	93	106	119	132	
WCDMA B2	RMC12.2K	1880	9400	N/A	N/A	Back	10mm	0.866	1.091	1.088	0.496	0.714	1.027	0.674	0.615	0.978	0.795	0.859	0.804	0.967	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	3	16	29	42	55	68	81	94	107	120	133	
WCDMA B4	RMC12.2K	1732.6	1413	N/A	N/A	Top Side	10 mm	1.197	1.196	0.979	0.307	0.689	1.103	0.484	0.582	1.052	1.092	0.664	1.192	1.167	

Average Value of Time Sweep (W/kg)

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
0.327	0.127	0.927	0.979	0.118	1.013	0.365	0.727	1.07	0.67	0.156	0.708	0.718	0.099	0.28	0.28	0.307	0.632	0.689	0.889	0.48	0.384
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
0.384	0.899	1.156	0.346	0.384	0.375	1.137	0.623	0.689	0.527	0.537	1.175	0.756	0.137	0.87	1.099	0.384	0.718	1.061	0.88	0.756	1.103
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0.708	0.156	0.146	1.032	0.08	0.537	0.08	0.584	1.108	0.232	1.004	0.699	0.484	0.87	0.308	0.223	1.165	0.699	0.261	0.908	0.775	0.289
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
0.804	0.975	0.965	0.582	0.832	1.165	0.165	0.88	0.613	0.956	1.032	1.156	0.499	0.223	0.899	0.08	1.052	0.08	1.07	1.156	0.965	0.099
87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
0.442	0.994	0.651	0.661	0.175	0.413	0.118	1.092	0.204	0.861	0.889	0.899	0.937	1.013	0.175	0.308	1.061	0.423	0.204	0.27	0.664	1.118
109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130
0.965	1.023	0.089	0.232	0.87	0.099	0.965	0.794	0.242	0.623	0.432	1.192	0.108	0.251	0.27	0.061	1.175	0.737	1.042	0.584	0.765	0.994
131	132	133	134	135	136	137	138	139	140	141	142	143									
0.337	1.146	1.167	0.946	0.413	1.175	0.546	0.889	1.089	0.823	0.699	0.232	0.508									

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	4	17	30	43	56	69	82	95	108	121	134	
WCDMA B5	RMC12.2K	836.4	4233	N/A	N/A	Back	10 mm	0.425	0.591	0.312	0.002	0.018	0.012	0.156	0.024	0.112	0.07	0.339	0.342	0.351	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	5	18	31	44	57	70	83	96	109	122	135	
LTE Band 7	QPSK	2560	21350	1	99	Top Side	10 mm	0.939	1.518	1.416	1.39	1.35	1.457	0.823	1.481	0.821	1.496	0.838	0.778	1.063	

Average Value of Time Sweep (W/kg)

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
0.564	0.221	0.659	0.354	0.249	1.416	0.764	0.611	1.059	1.449	1.316	0.583	1.221	0.126	1.316	0.954	1.097	1.506	1.39	0.545	1.326	0.145
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
0.687	1.297	0.83	1.002	0.945	0.849	1.335	1.068	1.411	1.35	1.468	0.973	1.106	0.992	0.716	1.002	1.145	1.383	0.992	0.621	0.983	1.306
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
1.457	0.192	0.335	0.706	0.64	0.516	0.954	0.564	0.497	0.192	0.973	1.335	0.516	0.8213	0.621	1.421	1.164	0.83	0.697	1.468	0.764	0.535
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
0.935	0.335	0.983	0.697	1.481	1.011	1.202	1.297	0.297	0.668	0.649	0.402	0.897	1.135	0.916	0.497	0.64	0.821	0.964	0.945	0.078	1.487
88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
1.516	0.945	0.945	1.373	1.287	1.43	0.726	1.278	1496	0.126	0.649	0.878	1.202	1.116	1.278	0.716	0.954	0.745	0.821	1.23	1.145	0.838
110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131
0.935	0.945	0.697	0.678	0.383	1.316	1.326	0.421	0.697	0.449	1.087	0.287	0.778	0.916	1.421	0.754	1.326	1.202	1.202	0.211	0.764	1.249
132	133	134	135	136	137	138	139	140	141	142	143										
1.097	1.211	1.135	1.063	1.402	1.297	1.002	0.659	0.154	1.487	0.887	0.516										

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	6	19	32	45	58	71	84	97	110	123	136	
LTE Band 12	QPSK	707.5	23095	1	49	Back	10 mm	0.235	0.345	0.194	0.0001	0.048	0.002	0.011	0.003	0.148	0.02	0.17	0.07	0.101	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	7	20	33	46	59	72	85	98	111	124	137	
LTE Band 13	QPSK	782	23230	1	0	Back	10 mm	0.438	0.655	0.447	0.014	0.005	0.061	0.02	0.4	0.038	0.128	0.075	0.583	0.225	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	8	21	34	47	60	73	86	99	112	125	138	
LTE Band 25	QPSK	1905	26590	1	0	Top Side	10 mm	0.823	1.017	0.881	0.226	0.585	0.622	0.951	0.817	0.869	0.682	0.956	0.827	0.741	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	9	22	35	48	61	74	87	100	113	126	139	
LTE Band 26	QPSK	831.5	26865	1	0	Back	10 mm	0.441	0.621	0.315	0.005	0.003	0.049	0.082	0.217	0.024	0.147	0.168	0.442	0.161	

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	10	23	36	49	62	75	88	101	114	127	140	
LTE Band 41	QPSK	2506	39750	1	0	Top Side	10 mm	0.969	1.613	0.612	1.343	1.562	1.129	1.021	0.522	0.856	1.165	1.064	0.48	0.995	
Average Value of Time Sweep (W/kg)																					
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.506	0.306	1.277	0.972	0.268	1.239	0.325	0.734	1.401	0.782	0.612	1.011	0.191	0.734	0.43	0.382	0.411	0.534	0.753	0.611	1.068	1.172
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
0.849	1.343	0.877	0.515	1.268	1.296	1.306	0.239	0.706	1.449	0.477	1.544	1.22	1.572	1.562	0.534	1.353	1.382	1.277	0.791	1.087	1.163
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
0.63	1.525	1.039	0.296	0.43	1.129	0.572	0.106	1.591	1.03	1.115	1.411	1.449	0.62	1.449	0.934	1.42	0.896	1.021	1.411	1.287	1.496
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
1.106	0.953	1.23	1.125	1.477	1.344	0.344	0.134	1.506	0.522	1.211	1.553	0.277	0.249	0.249	0.134	0.849	1.201	0.115	0.22	1.401	0.791
88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
0.856	0.906	0.63	0.106	0.763	0.411	1.315	0.353	0.439	0.249	1.249	1.601	0.668	1.165	1.087	1.182	0.363	0.42	0.572	0.696	1.391	1.439
110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131
0.649	0.144	1.477	0.334	1.064	1.011	1.363	0.249	0.582	0.506	1.439	0.925	1.572	1.487	0.811	0.125	1.544	0.48	0.125	1.077	0.201	0.115
132	133	134	135	136	137	138	139	140	141	142	143										
0.868	0.334	1.096	1.534	1.239	0.468	0.591	0.839	0.995	0.63	0.658	1.449										

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	11	24	37	50	63	76	89	102	115	128	141	
LTE Band 66	QPSK	1720	132072	1	0	Top Side	10 mm	0.831	0.978	0.353	0.528	0.406	0.657	0.638	0.935	0.661	0.799	0.647	0.824	0.618	

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)												
									Auto-Tune	12	25	38	51	64	77	90	103	116	129	142	
LTE Band 71	QPSK	683	133322	1	0	Back	10 mm	0.214	0.299	0.065	0.0006	0.005	0.002	0.089	0.003	0.125	0.007	0.185	0.031	0.068	

<Ant 0b Tuner SAR results>

Head (Antenna 0b)

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	0	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
GSM1900	GPRS (4 Tx slots)	1850.2	512	N/A	N/A	Right Cheek	0 mm	0.125	0.145	0.046	0.078	0.081	0.083	0.084	0.0945	0.078	0.093	0.047	0.088	0.091	0.0907	0.089	0.089	0.115	0.114	0.122	0.111	0.142	0.116	0.079
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	1	8	15	22	29	36	43	50	57	64	71	78	85	92	99	106	113	120	127	134	141
WCDMA B2	RMC12.2K	1880	9400	N/A	N/A	Right Cheek	0 mm	0.275	0.323	0.169	0.237	0.246	0.255	0.267	0.27	0.214	0.275	0.152	0.251	0.228	0.278	0.246	0.261	0.313	0.285	0.281	0.24	0.318	0.298	0.208
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	2	9	16	23	30	37	44	51	58	65	72	79	86	93	100	107	114	121	128	135	142
WCDMA B4	RMC12.2K	1732.6	1413	N/A	N/A	Right Cheek	0 mm	0.219	0.249	0.188	0.166	0.162	0.158	0.2	0.105	0.127	0.066	0.038	0.195	0.159	0.24	0.101	0.145	0.178	0.113	0.204	0.073	0.142	0.136	0.059
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	3	10	17	24	31	38	45	52	59	66	73	80	87	94	101	108	115	122	129	136	143
LTE Band 7	QPSK	2560	21350	1	99	Right Cheek	0 mm	0.731	1.06	0.968	1.031	1.049	1.045	1.014	0.908	0.968	0.799	0.505	1.021	0.999	0.883	0.941	0.898	1.029	0.848	0.994	0.816	1.012	0.723	0.785
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	4	11	18	25	32	39	46	53	60	67	74	81	88	95	102	109	116	123	130	137	
LTE Band 25	QPSK	1880	26340	1	0	Right Cheek	0 mm	0.259	0.288	0.162	0.18	0.184	0.19	0.162	0.099	0.186	0.089	0.136	0.193	0.188	0.158	0.185	0.266	0.213	0.177	0.223	0.157	0.261	0.195	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	5	12	19	26	33	40	47	54	61	68	75	82	89	96	103	110	117	124	131	138	
LTE Band 41	QPSK	2506	39750	1	99	Right Cheek	0 mm	0.453	0.642	0.583	0.618	0.624	0.633	0.621	0.477	0.619	0.479	0.445	0.625	0.616	0.592	0.585	0.611	0.604	0.557	0.595	0.311	0.641	0.545	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	6	13	20	27	34	41	48	55	62	69	76	83	90	97	104	111	118	125	132	139	
LTE Band 66	QPSK	1745	132322	1	0	Right Cheek	0 mm	0.209	0.234	0.146	0.131	0.129	0.126	0.11	0.134	0.092	0.038	0.215	0.134	0.086	0.125	0.076	0.181	0.147	0.049	0.083	0.049	0.148	0.058	

Body (Antenna 0b)

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	0	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
GSM1900	GPRS (4 Tx slots)	1850.2	512	N/A	N/A	Back	10mm	0.722	0.966	0.3	0.519	0.539	0.552	0.559	0.629	0.519	0.619	0.313	0.586	0.606	0.604	0.592	0.592	0.766	0.759	0.812	0.739	0.946	0.772	0.526
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	1	8	15	22	29	36	43	50	57	64	71	78	85	92	99	106	113	120	127	134	141
WCDMA B2	RMC12.2K	1907.6	9538	N/A	N/A	Back	10mm	0.815	1.03	0.538	0.755	0.784	0.813	0.851	0.86	0.68	0.876	0.4847	0.802	0.727	0.886	0.7844	0.832	0.998	0.908	0.896	0.765	1.014	0.95	0.663
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	2	9	16	23	30	37	44	51	58	65	72	79	86	93	100	107	114	121	128	135	142
WCDMA B4	RMC12.2K	1732.6	1413	N/A	N/A	Bottom Side	10 mm	0.798	0.975	0.736	0.65	0.6343	0.618	0.783	0.411	0.497	0.258	0.148	0.763	0.622	0.939	0.395	0.567	0.696	0.442	0.798	0.285	0.556	0.532	0.231
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	3	10	17	24	31	38	45	52	59	66	73	80	87	94	101	108	115	122	129	136	143
LTE Band 7	QPSK	2560	21350	1	99	Right Side	10 mm	0.847	1.42	1.296	1.381	1.405	1.399	1.358	1.216	1.29	1.072	0.676	1.367	1.338	1.182	1.263	1.202	1.378	1.136	1.331	1.093	1.355	0.968	1.051

Average Value of Time Sweep (W/kg)																														
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0.351	1.066	0.885	1.296	1.189	0.085	0.266	0.742	0.647	0.685	1.381	0.561	0.389	0.104	1.351	0.38	0.456	1.405	0.647	0.237	1.075	0.694	1.218	1.218	1.399	0.742	0.113	1.17	1.247	0.151	0.285
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
1.358	0.732	0.875	1.332	0.951	1.418	1.132	1.216	0.418	0.494	0.828	0.799	0.332	1.247	1.29	1.161	1.37	0.189	0.466	1.047	0.228	1.072	0.532	0.628	0.494	1.38	0.58	1.199	0.676	0.38	0.466
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
1.237	1.199	1.085	0.951	1.367	0.075	0.104	0.799	0.789	1.237	1.218	1.338	0.332	0.294	0.751	1.208	1.113	1.008	1.182	0.589	0.751	0.685	1.237	0.723	0.323	1.263	0.523	1.199	0.228	0.561	0.475
93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123
1.085	1.202	0.085	0.332	0.618	1.018	1.285	0.189	1.378	1.275	0.161	1.008	1.142	0.085	0.618	1.136	1.389	0.17	0.123	1.228	1.304	0.847	1.331	0.666	1.247	1.113	0.77	0.247	0.951	1.093	1.342
124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143											
0.361	0.847	0.78	0.628	1.028	1.355	1.17	0.189	1.151	0.856	0.761	0.256	0.968	0.608	0.104	1.342	0.275	0.37	1.389	1.051											

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	4	11	18	25	32	39	46	53	60	67	74	81	88	95	102	109	116	123	130	137	
LTE Band 25	QPSK	1905	26590	1	0	Back	10 mm	0.861	1.19	0.669	0.743	0.761	0.785	0.669	0.409	0.768	0.367	0.561	0.797	0.776	0.652	0.764	1.099	0.882	0.731	0.921	0.648	1.078	0.805	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	5	12	19	26	33	40	47	54	61	68	75	82	89	96	103	110	117	124	131	138	
LTE Band 41	QPSK	2636.5	41055	1	0	Right Side	10 mm	0.886	1.41	1.281	1.357	1.37	1.39	1.363	1.047	1.359	1.052	0.977	1.372	1.352	1.302	1.284	1.341	1.326	1.223	1.3067	0.683	1.407	1.196	

Average Value of Time Sweep (W/kg)																														
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1.074	0.846	0.455	0.741	0.198	1.281	0.874	0.912	0.817	1.388	0.608	0.788	1.357	0.903	0.131	0.198	0.36	0.112	0.769	1.37	0.531	0.303	1.255	1.312	0.522	0.769	1.39	1.16	0.56	0.636	1.312
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
0.531	1.331	1.363	1.131	0.941	0.674	0.188	0.084	0.969	1.047	1.027	0.141	0.617	0.998	0.941	0.188	1.359	1.369	0.988	0.446	0.741	0.398	1.103	1.052	0.655	0.531	0.941	0.074	0.788	1.312	0.977
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
0.169	1.208	0.217	0.427	0.655	0.969	1.372	0.874	0.665	1.331	1.15	0.188	1.388	1.352	0.922	0.503	0.693	1.369	0.903	1.017	1.302	0.827	0.341	1.017	0.55	0.265	0.674	1.284	0.503	0.998	0.588
93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123
0.131	0.484	0.522	1.341	0.693	1.131	0.331	0.56	0.636	0.76	1.326	1.284	0.96	0.093	0.065	0.998	0.684	1.223	0.741	0.855	0.931	0.865	0.36	1.265	1.3067	1.217	0.608	0.741	0.922	0.493	1.227
124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143											
0.683	0.246	0.95	0.96	0.522	1.027	0.236	1.407	0.503	1.036	1.246	0.16	1.217	0.255	1.16	1.046	1.369	1.169	1.131	1.449											

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune	6	13	20	27	34	41	48	55	62	69	76	83	90	97	104	111	118	125	132	139	
LTE Band 66	QPSK	1770	132572	1	0	Bottom Side	10 mm	0.764	0.929	0.579	0.52	0.512	0.503	0.436	0.531	0.365	0.153	0.853	0.531	0.341	0.496	0.301	0.718	0.583	0.194	0.329	0.194	0.587	0.232	

<Ant 0c Tuner SAR results>

Head (Antenna 0C)																												
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	0	11	22	33	44	55	66	77	88	99	110	121	132	143			
GSM850	GPRS (4 Tx slots)	848.8	251	N/A	N/A	Left Cheek	0 mm	0.263	0.267	0.018	0.243	0.265	0.096	0.125	0.109	0.026	0.154	0.092	0.107	0.116	0.113	0.017	0.008			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	1	12	23	34	45	56	67	78	89	100	111	122	133					
WCDMA B4	RMC12.2K	1732.6	1413	N/A	N/A	Left Cheek	0 mm	0.397	0.456	0.158	0.339	0.343	0.415	0.396	0.289	0.211	0.154	0.164	0.306	0.213	0.219	0.192						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	2	13	24	35	46	57	68	79	90	101	112	123	134					
WCDMA B5	RMC12.2K	846.6	4233	N/A	N/A	Left Cheek	0 mm	0.374	0.387	0.137	0.379	0.378	0.308	0.251	0.091	0.058	0.001	0.021	0.195	0.001	0.042	0.043						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	3	14	25	36	47	58	69	80	91	102	113	124	135					
LTE Band 4	QPSK	1732.5	20175	1	0	Left Cheek	0 mm	0.387	0.444	0.295	0.372	0.387	0.346	0.375	0.172	0.252	0.072	0.068	0.343	0.108	0.043	0.233						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	4	15	26	37	48	59	70	81	92	103	114	125	136					
LTE Band 7	QPSK	2560	21350	1	99	Left Cheek	0 mm	0.46	0.652	0.263	0.295	0.322	0.48	0.585	0.538	0.603	0.117	0.184	0.356	0.381	0.581	0.588						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	5	16	27	38	49	60	71	82	93	104	115	126	137					
LTE Band 12	QPSK	707.5	23095	1	49	Left Cheek	0 mm	0.244	0.232	0.11	0.09	0.142	0.14	0.102	0.05	0.04	0.02	0.12	0.02	0.1	0.08	0.01						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	6	17	28	39	50	61	72	83	94	105	116	127	138					
LTE Band 13	QPSK	782	23230	1	0	Left Cheek	0 mm	0.293	0.288	0.001	0.02	0.12	0.03	0.03	0.012	0.008	0.009	0.121	0.154	0.02	0.03	0.004						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	7	18	29	40	51	62	73	84	95	106	117	128	139					
LTE Band 26	QPSK	1860	26140	1	0	Left Cheek	0 mm	0.356	0.411	0.312	0.402	0.387	0.0075	0.005	0.0183	0.008	0.01	0.078	0.056	0.043	0.016	0.057						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	8	19	30	41	52	63	74	85	96	107	118	129	140					
LTE Band 38	QPSK	2595	38000	1	0	Left Cheek	0 mm	0.312	0.452	0.227	0.244	0.164	0.278	0.256	0.419	0.424	0.35	0.241	0.353	0.425	0.433	0.32						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	9	20	31	42	53	64	75	86	97	108	119	130	141					
LTE Band 41	QPSK	2506	39750	1	0	Left Cheek	0 mm	0.243	0.359	0.154	0.165	0.172	0.202	0.16	0.317	0.278	0.179	0.171	0.269	0.289	0.311	0.157						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	10	21	32	43	54	65	76	87	98	109	120	131	142					
LTE Band 71	QPSK	680.5	133297	1	0	Left Cheek	0 mm	0.187	0.202	0.156	0.176	0.015	0.007	0.002	0.013	0.039	0.01	0.156	0.082	0.062	0.01	0.04						
Body (Antenna 0C)																												
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	0	11	22	33	44	55	66	77	88	99	110	121	132	143			
GSM850	GPRS (4 Tx slots)	848.8	251	N/A	N/A	Back	10mm	0.838	1.041	0.07	0.947	1.033	0.374	0.487	0.424	0.101	0.6	0.358	0.417	0.452	0.44	0.066	0.031			
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	1	12	23	34	45	56	67	78	89	100	111	122	133					
WCDMA B4	RMC12.2K	1732.6	1413	N/A	N/A	Left Side	10 mm	0.625	0.773	0.267	0.574	0.581	0.703	0.671	0.489	0.357	0.261	0.278	0.518	0.361	0.371	0.325						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	2	13	24	35	46	57	68	79	90	101	112	123	134					
WCDMA B5	RMC12.2K	836.4	4182	N/A	N/A	Back	10 mm	0.857	1.03	0.364	1.01	1.012	0.819	0.668	0.242	0.154	0.002	0.055	0.518	0.002	0.111	0.114						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	3	14	25	36	47	58	69	80	91	102	113	124	135					
LTE Band 4	QPSK	1732.5	20175	1	0	Left Side	10 mm	0.516	0.633	0.42	0.53	0.551	0.493	0.534	0.245	0.359	0.102	0.096	0.489	0.153	0.061	0.332						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	4	15	26	37	48	59	70	81	92	103	114	125	136					
LTE Band 7	QPSK	2560	21350	1	99	Left Side	10 mm	0.666	1.131	0.456	0.511	0.558	0.832	1.014	0.933	1.046	0.202	0.319	0.617	0.66	1.007	1.019						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	5	16	27	38	49	60	71	82	93	104	115	126	137					
LTE Band 12	QPSK	707.5	23095	1	49	Back	10 mm	0.289	0.349	0.165	0.135	0.213	0.21	0.153	0.075	0.06	0.032	0.181	0.038	0.151	0.122	0.015						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	6	17	28	39	50	61	72	83	94	105	116	127	138					
LTE Band 13	QPSK	782	23230	1	0	Back	10 mm	0.568	0.675	0.002	0.046	0.281	0.071	0.073	0.028	0.018	0.021	0.283	0.361	0.046	0.075	0.009						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	7	18	29	40	51	62	73	84	95	106	117	128	139					
LTE Band 26	QPSK	831.5	26865	1	0	Back	10 mm	0.859	1.19	0.904	1.164	1.122	0.022	0.015	0.053	0.026	0.029	0.228	0.165	0.127	0.049	0.166						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	8	19	30	41	52	63	74	85	96	107	118	129	140					
LTE Band 38	QPSK	2595	38000	1	0	Left Side	10 mm	0.539	0.919	0.462	0.497	0.334	0.566	0.522	0.852	0.863	0.713	0.491	0.719	0.865	0.881	0.651						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	9	20	31	42	53	64	75	86	97	108	119	130	141					
LTE Band 41	QPSK	2506	39750	1	0	Right Side	10 mm	0.455	0.775	0.334	0.357	0.372	0.437	0.347	0.685	0.601	0.388	0.371	0.581	0.624	0.672	0.341						
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune	10	21	32	43	54	65	76	87	98	109	120	131	142					
LTE Band 71	QPSK	680.5	133297	1	0	Back	10 mm	0.333	0.497	0.386	0.435	0.038	0.018	0.007	0.033	0.098	0.025	0.386	0.204	0.153	0.027	0.099						

Test Engineer： Bevis Chang, Kurt Liu, Steven Chang, Mood Huang, Aaron Chen, Thomas Wang and Galen Chang

18. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be ≤ 30%, for a confidence interval of k = 2. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

19. References

[1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013

[4] SPEAG DASY System Handbook

[5] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.

[6] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

[7] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.

[8] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015

[9] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015

[10] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015

[11] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.

[12] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

[13] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.