

Appendix E. Conducted Power Measurement Result

1. Conducted power measurements of GSM850

Main Antenna_Receiver on / Receiver off

GSM850		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		34.00	33.11	33.12	33.06	24.81	24.52	24.53	24.47
GPRS/ EDGE (GMSK)	1 Tx Slot	34.00	33.14	33.12	33.07	24.81	24.55	24.53	24.48
	2 Tx Slot	31.00	30.15	30.12	30.10	24.87	24.62	24.59	24.57
	3 Tx Slot	29.20	28.35	28.34	28.31	24.78	24.53	24.52	24.49
	4 Tx Slot	28.00	26.97	26.97	26.95	24.82	24.39	24.39	24.37
EDGE (8PSK)	1 Tx Slot	28.00	27.19	27.12	27.10	18.81	18.60	18.53	18.51
	2 Tx Slot	25.00	24.15	24.09	24.13	18.87	18.62	18.56	18.60
	3 Tx Slot	23.20	22.43	22.44	22.48	18.78	18.61	18.62	18.66
	4 Tx Slot	22.00	21.20	21.23	21.05	18.82	18.62	18.65	18.47

Main Antenna_Hotspot

GSM850		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		33.10	32.18	32.16	32.13	23.91	23.59	23.57	23.54
GPRS/ EDGE (GMSK)	1 Tx Slot	33.10	32.19	32.17	32.14	23.91	23.60	23.58	23.55
	2 Tx Slot	30.10	29.07	29.08	29.06	23.97	23.54	23.55	23.53
	3 Tx Slot	28.30	27.20	27.21	27.15	23.88	23.38	23.39	23.33
	4 Tx Slot	27.10	26.06	26.08	26.09	23.92	23.48	23.50	23.51
EDGE (8PSK)	1 Tx Slot	27.10	26.22	26.16	26.18	17.91	17.63	17.57	17.59
	2 Tx Slot	24.10	23.32	23.40	23.38	17.97	17.79	17.87	17.85
	3 Tx Slot	22.30	21.47	21.35	21.36	17.88	17.65	17.53	17.54
	4 Tx Slot	21.10	20.27	20.31	20.28	17.92	17.69	17.73	17.70

Second Antenna Receiver on

GSM850		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		32.50	32.07	32.08	32.02	23.31	22.88	22.89	22.83
GPRS/ EDGE (GMSK)	1 Tx Slot	32.50	32.08	32.07	32.02	23.31	22.89	22.88	22.83
	2 Tx Slot	29.50	28.93	28.93	28.91	23.37	22.80	22.80	22.78
	3 Tx Slot	27.70	27.00	26.99	26.97	23.28	22.58	22.57	22.55
	4 Tx Slot	26.50	25.94	25.97	25.96	23.32	22.76	22.79	22.78
EDGE (8PSK)	1 Tx Slot	26.50	26.28	26.21	26.20	17.31	17.09	17.02	17.01
	2 Tx Slot	23.50	23.07	23.03	23.01	17.37	16.94	16.90	16.88
	3 Tx Slot	21.70	21.05	20.98	20.96	17.28	16.63	16.56	16.54
	4 Tx Slot	20.50	19.90	19.83	19.81	17.32	16.72	16.65	16.63

Second Antenna Receiver off

GSM850		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		34.00	33.47	33.49	33.44	24.81	24.33	24.30	24.25
GPRS/ EDGE (GMSK)	1 Tx Slot	34.00	33.47	33.49	33.44	24.81	24.33	24.30	24.25
	2 Tx Slot	31.00	30.56	30.51	30.48	24.87	24.43	24.38	24.35
	3 Tx Slot	29.20	28.82	28.82	28.81	24.78	24.40	24.40	24.39
	4 Tx Slot	28.00	27.46	27.44	27.42	24.82	24.28	24.26	24.24
EDGE (8PSK)	1 Tx Slot	28.00	27.72	27.66	27.68	18.81	18.53	18.47	18.49
	2 Tx Slot	25.00	24.73	24.62	24.63	18.87	18.60	18.49	18.50
	3 Tx Slot	23.20	22.78	22.69	22.73	18.78	18.36	18.27	18.31
	4 Tx Slot	22.00	21.48	21.29	21.35	18.82	18.30	18.11	18.17

Second Antenna Hotspot

GSM850		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		33.40	32.73	32.72	32.69	24.21	23.54	23.53	23.50
GPRS/ EDGE (GMSK)	1 Tx Slot	33.40	32.73	32.72	32.69	24.21	23.54	23.53	23.50
	2 Tx Slot	30.40	29.67	29.64	29.62	24.27	23.54	23.51	23.49
	3 Tx Slot	28.60	28.21	28.19	28.17	24.18	23.79	23.77	23.75
	4 Tx Slot	27.40	26.63	26.65	26.66	24.22	23.45	23.47	23.48
EDGE (8PSK)	1 Tx Slot	27.40	26.89	26.81	26.82	18.21	17.70	17.62	17.63
	2 Tx Slot	24.40	23.86	23.79	23.87	18.27	17.73	17.66	17.74
	3 Tx Slot	22.60	22.23	22.12	22.14	18.18	17.81	17.70	17.72
	4 Tx Slot	21.40	20.56	20.50	20.54	18.22	17.38	17.32	17.36

Note:

- 1) The conducted power of GSM850 is measured with RMS detector.
- 2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 time slots.
- 3) The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:
Frame-averaged power=10 x log (Burst-averaged power mW x Slot used/8)
- 4) The tested channels are marks in bold.

2. Conducted power measurements of GSM1900

Main Antenna_ Receiver on / Rceiver off

GSM1900		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		31.00	29.46	29.49	29.45	21.81	21.07	21.10	21.06
GPRS/ EDGE (GMSK)	1 Tx Slot	31.00	29.47	29.47	29.50	21.81	21.08	21.08	21.11
	2 Tx Slot	28.00	26.54	26.54	26.60	21.87	20.50	21.21	21.27
	3 Tx Slot	26.20	24.78	24.81	24.86	21.78	21.16	21.19	21.24
	4 Tx Slot	25.00	23.45	23.47	23.52	21.82	21.07	21.09	21.14
EDGE (8PSK)	1 Tx Slot	27.00	25.55	25.48	25.35	17.81	17.16	17.09	16.96
	2 Tx Slot	24.00	22.81	22.72	22.54	17.87	17.48	17.39	17.21
	3 Tx Slot	22.20	21.03	20.97	20.80	17.78	17.41	17.35	17.18
	4 Tx Slot	21.00	19.84	19.72	19.57	17.82	17.46	17.34	17.19

Main Antenna Hotspot

GSM1900		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		30.00	28.55	28.53	28.56	20.81	20.16	20.14	20.17
GPRS/ EDGE (GMSK)	1 Tx Slot	30.00	28.54	28.52	28.56	20.81	20.15	20.13	20.17
	2 Tx Slot	27.00	25.46	25.53	25.48	20.87	20.13	20.20	20.15
	3 Tx Slot	25.20	23.61	23.63	23.70	20.78	19.99	20.01	20.08
	4 Tx Slot	24.00	22.50	22.52	22.59	20.82	20.12	20.14	20.21
EDGE (8PSK)	1 Tx Slot	26.00	24.67	24.58	24.40	16.81	16.28	16.19	16.01
	2 Tx Slot	23.00	21.82	21.72	21.52	16.87	16.49	16.39	16.19
	3 Tx Slot	21.20	19.88	19.82	19.69	16.78	16.26	16.20	16.07
	4 Tx Slot	20.00	19.00	18.75	18.60	16.82	16.62	16.37	16.22

Second Antenna Receiver on / Hotspot

GSM1900		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		28.00	27.15	27.37	27.24	18.81	17.96	18.18	18.05
GPRS/ EDGE (GMSK)	1 Tx Slot	28.00	27.15	27.24	27.37	18.81	17.96	18.05	18.18
	2 Tx Slot	25.00	24.20	24.43	24.30	18.87	18.07	18.30	18.17
	3 Tx Slot	23.00	22.35	22.39	22.54	18.58	17.93	17.97	18.12
	4 Tx Slot	21.80	21.35	21.19	21.35	18.62	18.17	18.01	18.17
EDGE (8PSK)	1 Tx Slot	23.50	23.48	23.23	23.33	14.31	14.29	14.04	14.14
	2 Tx Slot	20.50	20.26	20.45	20.27	14.37	14.13	14.32	14.14
	3 Tx Slot	18.70	18.68	18.66	18.47	14.28	14.26	14.24	14.05
	4 Tx Slot	17.50	17.40	17.38	17.30	14.32	14.22	14.20	14.12

Second Antenna Receiver off

GSM1900		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		30.00	29.18	29.30	29.21	20.81	17.91	18.00	18.13
GPRS/ EDGE (GMSK)	1 Tx Slot	30.00	29.18	29.30	29.21	20.81	17.91	18.00	18.13
	2 Tx Slot	26.80	26.11	26.20	26.34	20.67	18.04	18.13	18.26
	3 Tx Slot	25.00	24.34	24.44	24.57	20.58	17.86	17.92	18.06
	4 Tx Slot	23.70	23.12	23.10	23.22	20.52	18.05	17.95	18.09
EDGE (8PSK)	1 Tx Slot	25.50	25.36	25.16	24.99	16.31	14.51	14.31	14.15
	2 Tx Slot	22.50	22.26	22.31	22.13	16.37	14.78	14.58	14.39
	3 Tx Slot	20.70	20.65	20.61	20.54	16.28	14.59	14.28	14.11
	4 Tx Slot	19.50	19.32	19.36	19.40	16.32	14.63	14.29	14.13

Note:

- 1) The conducted power of GSM1900 is measured with RMS detector.
- 2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 time slots.
- 3) The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:
Frame-averaged power=10 x log (Burst-averaged power mW x Slot used/8)
- 4) The tested channels are marks in bold.

3. Conducted power measurements of UMTS B2

Main Antenna Receiver on / Receiver off Data/Headset off/Earphone

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	24.00	22.67	22.70	22.66
RMC 12.2K	24.00	22.67	22.70	22.66
HSDPA Subtest-1	23.00	21.77	21.85	21.72
HSDPA Subtest-2	23.00	21.73	21.82	21.65
HSDPA Subtest-3	22.50	21.17	21.25	21.18
HSDPA Subtest-4	22.50	21.16	21.25	21.18
HSUPA Subtest-1	21.00	19.63	19.60	19.57
HSUPA Subtest-2	21.00	19.65	19.70	19.69
HSUPA Subtest-3	22.00	20.57	20.64	20.60
HSUPA Subtest-4	20.50	19.72	19.81	19.73
HSUPA Subtest-5	22.00	20.66	20.71	20.65
DC-HSDPA Subtest-1	23.00	21.77	21.85	21.72
DC-HSDPA Subtest-2	23.00	21.73	21.82	21.65
DC-HSDPA Subtest-3	22.50	21.17	21.25	21.18
DC-HSDPA Subtest-4	22.50	21.16	21.25	21.18

Main Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	23.50	22.68	22.76	22.65
RMC 12.2K	23.50	22.68	22.76	22.65
HSDPA Subtest-1	22.50	21.73	21.79	21.69
HSDPA Subtest-2	22.50	21.66	21.75	21.65
HSDPA Subtest-3	22.00	21.18	21.26	21.16
HSDPA Subtest-4	22.00	21.16	21.23	21.13
HSUPA Subtest-1	21.00	19.70	19.79	19.67
HSUPA Subtest-2	21.00	19.72	19.79	19.71
HSUPA Subtest-3	22.00	20.62	20.72	20.63
HSUPA Subtest-4	20.50	19.24	19.31	19.23
HSUPA Subtest-5	21.50	20.63	20.71	20.61
DC-HSDPA Subtest-1	22.50	21.73	21.79	21.69
DC-HSDPA Subtest-2	22.50	21.66	21.75	21.65
DC-HSDPA Subtest-3	22.00	21.18	21.26	21.16
DC-HSDPA Subtest-4	22.00	21.16	21.23	21.13

Main Antenna Hotspot

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	21.00	19.65	19.72	19.58
RMC 12.2K	21.00	19.65	19.72	19.58
HSDPA Subtest-1	20.00	18.65	18.85	18.73
HSDPA Subtest-2	20.00	18.61	18.73	18.64
HSDPA Subtest-3	19.50	18.13	18.24	18.08
HSDPA Subtest-4	19.50	18.07	18.18	18.07
HSUPA Subtest-1	18.00	16.68	16.71	16.74
HSUPA Subtest-2	18.00	16.75	16.80	16.73
HSUPA Subtest-3	18.50	17.12	17.14	17.09
HSUPA Subtest-4	17.50	16.33	16.34	16.28
HSUPA Subtest-5	19.00	17.57	17.68	17.62
DC-HSDPA Subtest-1	20.00	18.65	18.85	18.73
DC-HSDPA Subtest-2	20.00	18.61	18.73	18.64
DC-HSDPA Subtest-3	19.50	18.13	18.24	18.08
DC-HSDPA Subtest-4	19.50	18.07	18.18	18.07

Second Antenna Receiver on / Hotspot

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	20.50	19.31	19.34	19.26
RMC 12.2K	20.50	19.31	19.34	19.26
HSDPA Subtest-1	19.50	18.41	18.38	18.31
HSDPA Subtest-2	19.50	18.28	18.33	18.24
HSDPA Subtest-3	19.00	17.84	17.89	17.71
HSDPA Subtest-4	19.00	17.85	17.83	17.72
HSUPA Subtest-1	18.50	16.60	16.61	16.54
HSUPA Subtest-2	18.50	16.68	16.71	16.61
HSUPA Subtest-3	19.50	17.54	17.58	17.51
HSUPA Subtest-4	18.00	16.13	16.25	16.17
HSUPA Subtest-5	18.50	17.51	17.52	17.44
DC-HSDPA Subtest-1	19.50	18.41	18.38	18.31
DC-HSDPA Subtest-2	19.50	18.28	18.33	18.24
DC-HSDPA Subtest-3	19.00	17.84	17.89	17.71
DC-HSDPA Subtest-4	19.00	17.85	17.83	17.72

Second Antenna Receiver off Data/Headset off/Earphone

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	22.50	21.24	21.32	21.26
RMC 12.2K	22.50	21.24	21.32	21.26
HSDPA Subtest-1	21.50	20.32	20.42	20.27
HSDPA Subtest-2	21.50	20.21	20.29	20.16
HSDPA Subtest-3	21.00	19.77	19.80	19.70
HSDPA Subtest-4	21.00	19.80	19.80	19.69
HSUPA Subtest-1	18.50	18.20	18.28	18.11
HSUPA Subtest-2	18.50	17.79	17.82	18.26
HSUPA Subtest-3	19.50	18.71	18.82	18.58
HSUPA Subtest-4	18.00	17.69	17.88	17.97
HSUPA Subtest-5	20.50	19.31	19.34	19.25
DC-HSDPA Subtest-1	21.50	20.32	20.42	20.27
DC-HSDPA Subtest-2	21.50	20.21	20.29	20.16
DC-HSDPA Subtest-3	21.00	19.77	19.80	19.70
DC-HSDPA Subtest-4	21.00	19.80	19.80	19.69

Second Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	21.00	19.79	19.75	19.77
RMC 12.2K	21.00	19.79	19.75	19.77
HSDPA Subtest-1	20.00	18.79	18.82	18.71
HSDPA Subtest-2	20.00	18.72	18.74	18.66
HSDPA Subtest-3	19.50	18.20	18.27	18.12
HSDPA Subtest-4	19.50	18.18	18.25	18.20
HSUPA Subtest-1	18.50	16.87	16.89	17.16
HSUPA Subtest-2	18.50	16.83	16.83	16.80
HSUPA Subtest-3	19.50	17.68	17.65	17.51
HSUPA Subtest-4	18.00	16.29	16.42	16.28
HSUPA Subtest-5	19.00	17.71	17.64	17.60
DC-HSDPA Subtest-1	20.00	18.79	18.82	18.71
DC-HSDPA Subtest-2	20.00	18.72	18.74	18.66
DC-HSDPA Subtest-3	19.50	18.20	18.27	18.12
DC-HSDPA Subtest-4	19.50	17.69	17.76	17.71

Note:

- 1) The conducted power of UMTS B2 is measured with RMS detector.
- 2) Note: Per KDB941225 D01, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.
- 3) The tested channels are marks in bold.
- 4) The power of single channel and double channel is smaller than RMC12.2K, so SAR need not be tested.

4. Conducted power measurements of UMTS B4

Main Antenna_Receiver on

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	24.40	22.53	22.60	22.51
RMC 12.2K	24.40	22.53	22.60	22.51
HSDPA Subtest-1	23.40	21.72	21.65	21.78
HSDPA Subtest-2	23.40	21.58	21.62	21.69
HSDPA Subtest-3	22.90	21.18	21.05	21.18
HSDPA Subtest-4	22.90	21.12	21.02	21.18
HSUPA Subtest-1	21.00	19.66	19.58	19.51
HSUPA Subtest-2	21.00	19.62	19.57	19.70
HSUPA Subtest-3	22.00	20.58	20.47	20.53
HSUPA Subtest-4	20.50	19.70	19.67	19.73
HSUPA Subtest-5	22.40	20.59	20.55	20.68
DC-HSDPA Subtest-1	23.40	21.72	21.65	21.78
DC-HSDPA Subtest-2	23.40	21.58	21.62	21.69
DC-HSDPA Subtest-3	22.90	21.18	21.05	21.18
DC-HSDPA Subtest-4	22.90	21.12	21.02	21.18

Main Antenna Receiver off Data/Headset off/Earphone

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	24.00	22.65	22.68	22.60
RMC 12.2K	24.00	22.65	22.68	22.60
HSDPA Subtest-1	23.00	21.68	21.66	21.77
HSDPA Subtest-2	23.00	21.59	21.55	21.66
HSDPA Subtest-3	22.50	21.12	21.15	21.21
HSDPA Subtest-4	22.50	21.12	21.09	21.20
HSUPA Subtest-1	21.00	19.65	19.63	19.72
HSUPA Subtest-2	21.00	19.66	19.67	19.79
HSUPA Subtest-3	22.00	20.62	20.63	20.66
HSUPA Subtest-4	20.50	19.18	19.19	19.32
HSUPA Subtest-5	22.00	20.58	20.57	20.68
DC-HSDPA Subtest-1	23.00	21.68	21.66	21.77
DC-HSDPA Subtest-2	23.00	21.59	21.55	21.66
DC-HSDPA Subtest-3	22.50	21.12	21.15	21.21
DC-HSDPA Subtest-4	22.50	21.12	21.09	21.20

Main Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	23.40	22.58	22.55	22.66
RMC 12.2K	23.40	22.58	22.55	22.66
HSDPA Subtest-1	22.40	21.65	21.61	21.71
HSDPA Subtest-2	22.40	21.61	21.55	21.67
HSDPA Subtest-3	21.90	21.11	21.08	21.19
HSDPA Subtest-4	21.90	21.09	21.04	21.15
HSUPA Subtest-1	21.00	19.62	19.58	19.63
HSUPA Subtest-2	21.00	19.66	19.65	19.78
HSUPA Subtest-3	22.00	20.61	20.62	20.65
HSUPA Subtest-4	20.50	19.17	19.16	19.27
HSUPA Subtest-5	21.40	20.58	20.59	20.67
DC-HSDPA Subtest-1	22.40	21.65	21.61	21.71
DC-HSDPA Subtest-2	22.40	21.61	21.55	21.67
DC-HSDPA Subtest-3	21.90	21.11	21.08	21.19
DC-HSDPA Subtest-4	21.90	21.09	21.04	21.15

Main Antenna Hotspot

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	21.40	19.93	19.97	19.87
RMC 12.2K	21.40	19.93	19.97	19.87
HSDPA Subtest-1	20.40	18.97	18.96	19.09
HSDPA Subtest-2	20.40	18.92	18.91	19.03
HSDPA Subtest-3	19.90	18.42	18.38	18.48
HSDPA Subtest-4	19.90	18.32	18.25	18.45
HSUPA Subtest-1	18.40	16.95	16.91	17.02
HSUPA Subtest-2	18.40	16.98	16.93	17.05
HSUPA Subtest-3	18.90	17.45	17.38	17.56
HSUPA Subtest-4	17.90	16.41	16.47	16.58
HSUPA Subtest-5	19.40	17.81	17.80	17.96
DC-HSDPA Subtest-1	20.40	18.97	18.96	19.09
DC-HSDPA Subtest-2	20.40	18.92	18.91	19.03
DC-HSDPA Subtest-3	19.90	18.42	18.38	18.48
DC-HSDPA Subtest-4	19.90	18.32	18.25	18.45

Second Antenna Receiver on / Hotspot

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	20.90	19.71	19.73	19.70
RMC 12.2K	20.90	19.71	19.73	19.70
HSDPA Subtest-1	19.90	18.74	18.71	18.76
HSDPA Subtest-2	19.90	18.74	18.73	18.78
HSDPA Subtest-3	19.40	18.26	18.21	18.22
HSDPA Subtest-4	19.40	18.20	18.18	18.21
HSUPA Subtest-1	18.90	17.51	17.43	17.14
HSUPA Subtest-2	18.90	17.11	17.16	17.13
HSUPA Subtest-3	19.90	18.01	18.06	18.13
HSUPA Subtest-4	18.40	16.55	16.65	16.60
HSUPA Subtest-5	18.90	17.91	17.89	18.02
DC-HSDPA Subtest-1	19.90	18.74	18.71	18.76
DC-HSDPA Subtest-2	19.90	18.74	18.73	18.78
DC-HSDPA Subtest-3	19.40	18.26	18.21	18.22
DC-HSDPA Subtest-4	19.40	18.20	18.18	18.21

Second Antenna Receiver off Data/Headset off/Earphone

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	21.80	20.51	20.74	20.46
RMC 12.2K	21.80	20.51	20.74	20.46
HSDPA Subtest-1	20.80	19.56	19.56	19.50
HSDPA Subtest-2	20.80	19.40	19.44	19.59
HSDPA Subtest-3	20.30	18.93	18.94	19.02
HSDPA Subtest-4	20.30	18.92	18.91	19.05
HSUPA Subtest-1	18.90	17.48	17.42	17.81
HSUPA Subtest-2	18.90	17.02	17.06	17.63
HSUPA Subtest-3	19.90	17.92	17.93	18.02
HSUPA Subtest-4	18.40	17.41	17.55	17.07
HSUPA Subtest-5	19.80	18.47	18.43	18.62
DC-HSDPA Subtest-1	20.80	19.56	19.56	19.50
DC-HSDPA Subtest-2	20.80	19.40	19.44	19.59
DC-HSDPA Subtest-3	20.30	18.93	18.94	19.02
DC-HSDPA Subtest-4	20.30	18.92	18.91	19.05

Second Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	21.40	20.04	19.99	20.27
RMC 12.2K	21.40	20.04	19.99	20.27
HSDPA Subtest-1	20.40	19.11	19.07	19.22
HSDPA Subtest-2	20.40	19.03	19.04	19.07
HSDPA Subtest-3	19.90	18.53	18.53	18.61
HSDPA Subtest-4	19.90	18.50	18.53	18.61
HSUPA Subtest-1	18.90	16.92	17.02	17.13
HSUPA Subtest-2	18.90	16.90	16.99	16.96
HSUPA Subtest-3	19.90	17.92	18.18	18.06
HSUPA Subtest-4	18.40	17.08	16.90	16.80
HSUPA Subtest-5	19.40	18.04	17.99	18.11
DC-HSDPA Subtest-1	20.40	19.11	19.07	19.22
DC-HSDPA Subtest-2	20.40	19.03	19.04	19.07
DC-HSDPA Subtest-3	19.90	18.53	18.53	18.61
DC-HSDPA Subtest-4	19.90	18.01	18.04	18.12

Note:

- 1) The conducted power of UMTS B4 is measured with RMS detector.
- 2) Note: Per KDB941225 D01, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.
- 3) The tested channels are marks in bold.
- 4) The power of single channel and double channel is smaller than RMC12.2K, so SAR need not be tested.

5. Conducted power measurements of UMTS B5

Main Antenna_ Receiver on / Receiver off / Hotspot

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	25.00	23.88	23.93	23.82
RMC 12.2K	25.00	23.88	23.93	23.82
HSDPA Subtest-1	24.00	22.88	22.92	22.80
HSDPA Subtest-2	24.00	22.93	22.84	22.85
HSDPA Subtest-3	23.50	22.47	22.32	22.25
HSDPA Subtest-4	23.50	22.41	22.36	22.27
HSUPA Subtest-1	22.00	20.86	21.24	20.71
HSUPA Subtest-2	22.00	21.01	20.96	20.94
HSUPA Subtest-3	23.00	21.60	21.63	21.62
HSUPA Subtest-4	21.50	21.00	20.93	20.95
HSUPA Subtest-5	23.00	21.96	21.90	21.88
DC-HSDPA Subtest-1	24.00	22.88	22.92	22.80
DC-HSDPA Subtest-2	24.00	22.93	22.84	22.85
DC-HSDPA Subtest-3	23.50	22.47	22.32	22.25
DC-HSDPA Subtest-4	23.50	22.41	22.36	22.27

Second Antenna Receiver on

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	23.50	22.69	22.81	22.68
RMC 12.2K	23.50	22.69	22.81	22.68
HSDPA Subtest-1	22.50	21.80	21.82	21.78
HSDPA Subtest-2	22.50	21.79	21.75	21.72
HSDPA Subtest-3	22.00	21.32	21.29	21.25
HSDPA Subtest-4	22.00	21.28	21.27	21.23
HSUPA Subtest-1	22.00	20.11	20.05	20.03
HSUPA Subtest-2	22.00	20.13	20.08	20.01
HSUPA Subtest-3	23.00	21.00	21.03	21.02
HSUPA Subtest-4	21.50	19.68	19.58	19.56
HSUPA Subtest-5	21.50	20.91	20.87	20.85
DC-HSDPA Subtest-1	22.50	21.80	21.82	21.78
DC-HSDPA Subtest-2	22.50	21.79	21.75	21.72
DC-HSDPA Subtest-3	22.00	21.32	21.29	21.25
DC-HSDPA Subtest-4	22.00	21.28	21.27	21.23

Second Antenna Receiver off

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	25.00	23.59	23.63	23.56
RMC 12.2K	25.00	23.59	23.63	23.56
HSDPA Subtest-1	24.00	22.70	22.69	22.63
HSDPA Subtest-2	24.00	22.65	22.70	22.58
HSDPA Subtest-3	23.50	22.15	22.13	22.08
HSDPA Subtest-4	23.50	22.16	22.12	22.06
HSUPA Subtest-1	22.00	20.59	20.55	20.47
HSUPA Subtest-2	22.00	20.72	20.66	20.60
HSUPA Subtest-3	23.00	21.41	21.38	21.34
HSUPA Subtest-4	21.50	20.21	20.17	20.11
HSUPA Subtest-5	23.00	21.68	21.63	21.59
DC-HSDPA Subtest-1	24.00	22.70	22.69	22.63
DC-HSDPA Subtest-2	24.00	22.65	22.70	22.58
DC-HSDPA Subtest-3	23.50	22.15	22.13	22.08
DC-HSDPA Subtest-4	23.50	22.16	22.12	22.06

Second Antenna Hotspot

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	24.40	22.69	22.81	22.68
RMC 12.2K	24.40	22.69	22.81	22.68
HSDPA Subtest-1	23.40	21.80	21.82	21.78
HSDPA Subtest-2	23.40	21.79	21.75	21.72
HSDPA Subtest-3	22.90	21.32	21.29	21.25
HSDPA Subtest-4	22.90	21.28	21.27	21.23
HSUPA Subtest-1	22.00	20.11	20.05	20.03
HSUPA Subtest-2	22.00	20.13	20.08	20.01
HSUPA Subtest-3	23.00	21.00	21.03	21.02
HSUPA Subtest-4	21.50	19.68	19.58	19.56
HSUPA Subtest-5	22.40	20.91	20.87	20.85
DC-HSDPA Subtest-1	23.40	21.80	21.82	21.78
DC-HSDPA Subtest-2	23.40	21.79	21.75	21.72
DC-HSDPA Subtest-3	22.90	21.32	21.29	21.25
DC-HSDPA Subtest-4	22.90	21.28	21.27	21.23

Note:

- 1) The conducted power of UMTS B5 is measured with RMS detector.
- 2) Note: Per KDB941225 D01, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.
- 3) The tested channels are marks in bold.
- 4) The power of single channel and double channel is smaller than RMC12.2K, so SAR need not be tested.

6. Conducted power measurement results of LTE B2

Main Antenna Receiver on / Receiver off

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	24.00	22.26	22.26	22.12	QPSK	1/0	24.00	22.13	22.21	22.07
	1/2	24.00	22.32	22.31	22.18		1/7	24.00	22.20	22.30	22.11
	1/5	24.00	22.21	22.22	22.05		1/14	24.00	22.13	22.22	22.03
	3/0	24.00	22.23	22.20	22.05		8/0	23.00	21.10	21.15	21.09
	3/1	24.00	22.31	22.24	22.01		8/3	23.00	21.14	21.19	21.12
	3/3	24.00	22.29	22.19	22.11		8/7	23.00	21.11	21.15	21.07
	6/0	23.00	21.25	21.25	21.11		15/0	23.00	21.18	21.12	21.08
16QAM	1/0	23.00	21.18	21.15	21.33	16QAM	1/0	23.00	21.01	21.40	21.02
	1/2	23.00	21.22	21.22	21.35		1/7	23.00	21.04	21.52	21.05
	1/5	23.00	21.17	21.12	21.29		1/14	23.00	21.10	21.41	21.09
	3/0	23.00	21.38	21.15	21.15		8/0	22.00	20.20	20.21	20.03
	3/1	23.00	21.42	21.15	21.13		8/3	22.00	20.24	20.19	20.06
	3/3	23.00	21.36	21.16	21.14		8/7	22.00	20.18	20.16	20.12
	6/0	22.00	20.37	20.30	20.25		15/0	22.00	20.15	20.14	20.04
LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	24.00	22.27	22.17	22.07	QPSK	1/0	24.00	22.13	22.17	22.08
	1/12	24.00	22.24	22.16	22.05		1/24	24.00	22.19	22.26	22.08
	1/24	24.00	22.20	22.14	22.05		1/49	24.00	22.03	22.15	22.03
	12/0	23.00	21.16	21.13	21.12		25/0	23.00	21.09	21.13	21.02
	12/6	23.00	21.18	21.19	21.11		25/12	23.00	21.09	21.14	21.00
	12/13	23.00	21.18	21.19	21.09		25/25	23.00	21.13	21.14	21.07
	25/0	23.00	21.15	21.14	21.09		50/0	23.00	21.10	21.16	21.03
16QAM	1/0	23.00	21.30	21.55	21.10	16QAM	1/0	23.00	21.06	21.41	21.04
	1/12	23.00	21.28	21.55	21.06		1/24	23.00	21.10	21.49	21.07
	1/24	23.00	21.27	21.57	21.10		1/49	23.00	21.11	21.42	21.08
	12/0	22.00	20.25	20.23	20.06		25/0	22.00	20.17	20.17	20.12
	12/6	22.00	20.24	20.30	20.05		25/12	22.00	20.16	20.21	20.08
	12/13	22.00	20.25	20.29	20.04		25/25	22.00	20.21	20.19	20.01
	25/0	22.00	20.19	20.23	20.08		50/0	22.00	20.13	20.19	20.06

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	24.00	22.18	22.13	22.09	QPSK	1/0	24.00	22.24	22.19	22.24
	1/37	24.00	22.03	22.13	22.04		1/50	24.00	22.32	22.22	22.31
	1/74	24.00	22.04	22.06	22.10		1/99	24.00	22.15	22.23	22.22
	36/0	23.00	21.14	22.06	21.05		50/0	23.00	21.11	21.01	21.05
	36/19	23.00	21.13	21.18	21.11		50/25	23.00	21.06	21.10	21.01
	36/39	23.00	21.16	21.12	21.06		50/50	23.00	21.07	21.03	21.03
	75/0	23.00	21.13	21.16	21.01		100/0	23.00	21.06	21.10	21.09
16QAM	1/0	23.00	21.07	21.44	21.47	16QAM	1/0	23.00	21.62	21.99	21.72
	1/37	23.00	21.13	21.42	21.34		1/50	23.00	21.73	21.73	21.74
	1/74	23.00	21.13	21.38	21.24		1/99	23.00	21.52	21.97	21.49
	36/0	22.00	20.13	21.38	20.03		50/0	22.00	20.08	20.51	20.32
	36/19	22.00	20.14	20.25	20.12		50/25	22.00	20.19	20.52	20.26
	36/39	22.00	20.17	20.22	20.07		50/50	22.00	20.17	20.41	20.10
	75/0	22.00	20.16	20.23	20.02		100/0	22.00	20.16	20.44	20.20

Main Antenna_Hotspot

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	21.00	19.24	19.47	19.23	QPSK	1/0	21.00	19.35	19.39	19.25
	1/2	21.00	19.34	19.27	19.30		1/7	21.00	19.38	19.49	19.32
	1/5	21.00	19.24	19.19	19.49		1/14	21.00	19.34	19.41	19.23
	3/0	21.00	19.33	19.36	19.21		8/0	21.00	19.37	19.38	19.23
	3/1	21.00	19.36	19.38	19.21		8/3	21.00	19.39	19.45	19.29
	3/3	21.00	19.33	19.37	19.21		8/7	21.00	19.35	19.38	19.21
	6/0	21.00	19.32	19.37	19.20		15/0	21.00	19.40	19.36	19.21
16QAM	1/0	21.00	19.37	19.28	19.43	16QAM	1/0	21.00	19.46	19.46	19.45
	1/2	21.00	19.45	19.34	19.47		1/7	21.00	19.47	19.48	19.20
	1/5	21.00	19.55	19.27	19.40		1/14	21.00	19.39	19.56	19.37
	3/0	21.00	19.51	19.25	19.26		8/0	21.00	19.15	19.09	19.44
	3/1	21.00	19.52	19.27	19.24		8/3	21.00	19.18	19.14	19.46
	3/3	21.00	19.48	19.26	19.23		8/7	21.00	19.11	19.12	19.43
	6/0	21.00	19.32	19.22	19.29		15/0	21.00	19.09	19.07	19.36

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	21.00	19.47	19.35	19.31	QPSK	1/0	21.00	19.34	19.42	19.32
	1/12	21.00	19.41	19.37	19.30		1/24	21.00	19.39	19.54	19.30
	1/24	21.00	19.41	19.37	19.29		1/49	21.00	19.28	19.43	19.21
	12/0	21.00	19.35	19.38	19.25		25/0	21.00	19.38	19.41	19.29
	12/6	21.00	19.39	19.42	19.27		25/12	21.00	19.35	19.40	19.25
	12/13	21.00	19.39	19.40	19.23		25/25	21.00	19.39	19.40	19.18
	25/0	21.00	19.36	19.39	19.26		50/0	21.00	19.36	19.41	19.23
16QAM	1/0	21.00	19.46	19.53	19.21	16QAM	1/0	21.00	19.18	19.54	19.45
	1/12	21.00	19.41	19.52	19.48		1/24	21.00	19.22	19.47	19.48
	1/24	21.00	19.39	19.55	19.47		1/49	21.00	19.55	19.34	19.54
	12/0	21.00	19.17	19.17	19.48		25/0	21.00	19.07	19.10	19.03
	12/6	21.00	19.14	19.22	19.46		25/12	21.00	19.08	19.11	19.48
	12/13	21.00	19.19	19.23	19.47		25/25	21.00	19.14	19.09	19.44
	25/0	21.00	19.15	19.14	19.37		50/0	21.00	19.06	19.10	19.46
LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	21.00	19.38	19.40	19.37	QPSK	1/0	21.00	19.54	19.48	19.43
	1/37	21.00	19.30	19.40	19.31		1/50	21.00	19.57	19.56	19.55
	1/74	21.00	19.28	19.35	19.23		1/99	21.00	19.45	19.43	19.39
	36/0	21.00	19.38	19.35	19.38		50/0	21.00	19.28	19.37	19.32
	36/19	21.00	19.42	19.44	19.32		50/25	21.00	19.39	19.42	19.32
	36/39	21.00	19.44	19.42	19.24		50/50	21.00	19.39	19.30	19.54
	75/0	21.00	19.43	19.44	19.31		100/0	21.00	19.38	19.35	19.24
16QAM	1/0	21.00	19.45	19.49	19.51	16QAM	1/0	21.00	19.37	19.39	19.45
	1/37	21.00	19.53	19.46	19.41		1/50	21.00	19.47	19.24	19.36
	1/74	21.00	19.56	19.44	19.32		1/99	21.00	19.29	19.34	19.40
	36/0	21.00	19.20	19.44	19.54		50/0	21.00	19.37	19.03	19.36
	36/19	21.00	19.22	19.27	19.45		50/25	21.00	19.09	19.08	19.30
	36/39	21.00	19.25	19.25	19.44		50/50	21.00	19.07	19.40	19.13
	75/0	21.00	19.23	19.29	19.51		100/0	21.00	19.08	19.08	19.20

Second Antenna Receiver on Voice MCC: 001

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	20.00	18.73	18.72	18.44	QPSK	1/0	20.00	18.71	18.78	18.55
	1/2	20.00	18.93	18.79	18.59		1/7	20.00	18.89	18.78	18.65
	1/5	20.00	18.71	18.69	18.49		1/14	20.00	18.69	18.78	18.57
	3/0	20.00	18.82	18.78	18.61		8/0	20.00	18.82	18.70	18.56
	3/1	20.00	18.85	18.80	18.59		8/3	20.00	18.79	18.76	18.61
	3/3	20.00	18.82	18.80	18.62		8/7	20.00	18.73	18.68	18.56
	6/0	20.00	18.82	18.77	18.62		15/0	20.00	18.76	18.69	18.53
16QAM	1/0	20.00	18.72	18.91	18.89	16QAM	1/0	20.00	18.69	18.74	18.57
	1/2	20.00	18.78	18.96	18.98		1/7	20.00	18.77	18.90	18.81
	1/5	20.00	18.94	18.91	18.62		1/14	20.00	18.76	18.58	18.62
	3/0	20.00	18.67	18.97	18.78		8/0	20.00	18.73	18.89	18.76
	3/1	20.00	18.80	18.97	18.63		8/3	20.00	18.82	18.87	18.63
	3/3	20.00	18.86	18.91	18.74		8/7	20.00	18.86	18.85	18.67
	6/0	20.00	18.97	18.86	18.56		15/0	20.00	18.75	18.71	18.67
LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	20.00	18.75	18.75	18.54	QPSK	1/0	20.00	18.83	18.73	18.52
	1/12	20.00	18.82	18.77	18.57		1/24	20.00	18.74	18.72	18.59
	1/24	20.00	18.68	18.76	18.55		1/49	20.00	18.72	18.66	18.56
	12/0	20.00	18.78	18.77	18.56		25/0	20.00	18.76	18.73	18.66
	12/6	20.00	18.78	18.78	18.59		25/12	20.00	18.72	18.73	18.53
	12/13	20.00	18.78	18.77	18.56		25/25	20.00	18.75	18.74	18.50
	25/0	20.00	18.76	18.77	18.60		50/0	20.00	18.71	18.73	18.56
16QAM	1/0	20.00	18.64	18.60	18.98	16QAM	1/0	20.00	18.78	18.80	18.52
	1/12	20.00	18.97	18.94	18.80		1/24	20.00	18.85	18.89	18.75
	1/24	20.00	18.98	18.88	18.97		1/49	20.00	18.66	18.69	18.63
	12/0	20.00	18.80	18.78	18.53		25/0	20.00	18.78	18.82	18.65
	12/6	20.00	18.82	18.70	18.57		25/12	20.00	18.74	18.80	18.66
	12/13	20.00	18.81	18.85	18.69		25/25	20.00	18.79	18.82	18.59
	25/0	20.00	18.74	18.77	18.57		50/0	20.00	18.67	18.76	18.63

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	20.00	18.83	18.77	18.67	QPSK	1/0	20.00	18.94	18.80	18.84
	1/37	20.00	18.67	18.76	18.63		1/50	20.00	19.06	18.86	18.82
	1/74	20.00	18.68	18.68	18.54		1/99	20.00	18.85	18.77	18.69
	36/0	20.00	18.82	18.68	18.75		50/0	20.00	18.82	18.91	18.81
	36/19	20.00	18.79	18.77	18.69		50/25	20.00	18.89	19.01	18.78
	36/39	20.00	18.79	18.77	18.59		50/50	20.00	18.86	18.86	18.62
	75/0	20.00	18.81	18.78	18.70		100/0	20.00	18.85	18.90	18.74
16QAM	1/0	20.00	18.87	18.97	18.90	16QAM	1/0	20.00	19.01	18.81	18.95
	1/37	20.00	18.98	18.86	18.50		1/50	20.00	19.04	18.84	18.87
	1/74	20.00	18.99	18.98	18.82		1/99	20.00	18.59	19.04	18.88
	36/0	20.00	18.77	18.98	18.70		50/0	20.00	18.81	18.90	18.87
	36/19	20.00	18.76	18.74	18.66		50/25	20.00	18.91	18.92	18.77
	36/39	20.00	18.77	18.77	18.58		50/50	20.00	18.84	18.86	18.64
	75/0	20.00	18.73	18.79	18.62		100/0	20.00	18.83	18.92	18.73

Second Antenna Receiver off Data/Headset off/Earphone

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	22.50	21.12	20.98	20.74	QPSK	1/0	22.50	21.06	21.13	20.86
	1/2	22.50	21.15	21.07	20.78		1/7	22.50	21.10	21.04	20.91
	1/5	22.50	21.07	20.98	20.70		1/14	22.50	21.12	21.11	20.86
	3/0	22.50	21.07	21.06	20.76		8/0	22.50	21.16	21.05	20.80
	3/1	22.50	21.11	21.09	20.78		8/3	22.50	21.16	21.08	20.81
	3/3	22.50	21.06	21.03	20.70		8/7	22.50	21.09	21.02	20.73
	6/0	22.50	21.09	21.03	20.67		15/0	22.50	21.08	21.03	20.74
16QAM	1/0	22.50	21.11	20.97	20.74	16QAM	1/0	22.50	21.03	21.01	20.99
	1/2	22.50	21.16	21.06	20.77		1/7	22.50	21.05	21.08	21.01
	1/5	22.50	21.05	20.97	20.69		1/14	22.50	20.94	20.97	20.90
	3/0	22.50	21.02	21.13	20.84		8/0	22.00	20.89	20.71	20.41
	3/1	22.50	21.04	21.14	20.89		8/3	22.00	20.89	20.71	20.43
	3/3	22.50	20.99	21.12	20.85		8/7	22.00	20.81	20.69	20.35
	6/0	22.00	20.63	20.36	20.36		15/0	22.00	20.74	20.63	20.29

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	22.50	21.07	20.95	20.84	QPSK	1/0	22.50	20.92	20.93	20.79
	1/12	22.50	21.02	20.95	20.82		1/24	22.50	20.95	21.05	20.80
	1/24	22.50	21.01	20.95	20.85		1/49	22.50	20.82	20.93	20.71
	12/0	22.50	20.98	20.97	20.81		25/0	22.50	20.93	20.91	20.78
	12/6	22.50	20.98	21.02	20.79		25/12	22.50	20.90	20.92	20.70
	12/13	22.50	21.00	21.01	20.77		25/25	22.50	20.92	20.92	20.63
	25/0	22.50	20.97	20.96	20.73		50/0	22.50	20.90	20.93	20.76
16QAM	1/0	22.50	21.04	21.03	20.91	16QAM	1/0	22.50	20.88	21.03	20.83
	1/12	22.50	21.13	21.02	20.90		1/24	22.50	20.98	21.14	20.85
	1/24	22.50	21.12	21.03	20.94		1/49	22.50	20.85	21.01	20.73
	12/0	22.00	20.59	20.61	20.40		25/0	22.00	20.50	20.52	20.41
	12/6	22.00	20.56	20.65	20.38		25/12	22.00	20.49	20.57	20.36
	12/13	22.00	20.60	20.66	20.33		25/25	22.00	20.53	20.54	20.31
	25/0	22.00	20.53	20.58	20.28		50/0	22.00	20.48	20.55	20.36
LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	22.50	20.85	20.88	20.80	QPSK	1/0	22.50	21.08	20.98	20.94
	1/37	22.50	20.78	20.88	20.77		1/50	22.50	21.17	21.01	21.01
	1/74	22.50	20.77	20.81	20.70		1/99	22.50	20.98	20.94	20.80
	36/0	22.50	20.93	20.81	20.86		50/0	22.50	20.99	21.02	20.92
	36/19	22.50	20.92	20.88	20.77		50/25	22.50	21.05	21.03	20.87
	36/39	22.50	20.93	20.88	20.68		50/50	22.50	21.01	20.97	20.69
	75/0	22.50	20.90	20.87	20.75		100/0	22.50	20.99	21.00	20.80
16QAM	1/0	22.50	20.85	21.09	21.07	16QAM	1/0	22.50	21.05	21.03	20.91
	1/37	22.50	20.78	21.09	20.95		1/50	22.50	21.15	20.68	20.96
	1/74	22.50	20.80	21.00	20.86		1/99	22.50	21.16	20.97	20.76
	36/0	22.00	20.44	21.00	20.60		50/0	22.00	20.65	20.68	20.52
	36/19	22.00	20.45	20.46	20.51		50/25	22.00	20.72	20.72	20.50
	36/39	22.00	20.47	20.47	20.40		50/50	22.00	20.68	20.63	20.30
	75/0	22.00	20.47	20.50	20.51		100/0	22.00	20.66	20.69	20.47

Second Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

LTE B2/BW=1.4M			Average Conducted Power(dBm)			LTE B2/BW=3M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	21.00	20.43	20.42	20.04	QPSK	1/0	21.00	20.48	20.10	20.42
	1/2	21.00	20.04	20.46	20.08		1/7	21.00	20.04	20.21	20.44
	1/5	21.00	20.42	20.40	20.48		1/14	21.00	20.46	20.10	20.36
	3/0	21.00	20.50	20.43	20.42		8/0	21.00	20.48	20.08	20.28
	3/1	21.00	20.04	20.45	20.43		8/3	21.00	20.49	20.09	20.24
	3/3	21.00	20.02	20.41	20.36		8/7	21.00	20.44	20.02	20.17
	6/0	21.00	20.03	20.41	20.34		15/0	21.00	20.45	20.02	20.16
16QAM	1/0	21.00	20.38	20.13	20.10	16QAM	1/0	21.00	20.03	20.39	20.37
	1/2	21.00	20.44	20.17	20.03		1/7	21.00	20.06	20.46	20.40
	1/5	21.00	20.39	20.12	20.49		1/14	21.00	20.48	20.40	20.26
	3/0	21.00	20.36	20.49	20.14		8/0	21.00	20.21	20.11	19.84
	3/1	21.00	20.36	20.49	20.13		8/3	21.00	20.22	20.14	19.85
	3/3	21.00	20.33	20.48	20.11		8/7	21.00	20.15	20.08	19.78
	6/0	21.00	20.50	20.20	20.12		15/0	21.00	20.10	20.04	19.69
LTE B2/BW=5M			Average Conducted Power(dBm)			LTE B2/BW=10M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	21.00	20.18	20.37	20.07	QPSK	1/0	21.00	20.02	20.47	20.28
	1/12	21.00	20.10	20.33	20.04		1/24	21.00	20.04	20.10	20.29
	1/24	21.00	20.10	20.33	20.03		1/49	21.00	20.39	20.44	20.21
	12/0	21.00	20.08	20.26	20.40		25/0	21.00	20.46	20.45	20.25
	12/6	21.00	20.04	20.26	20.38		25/12	21.00	20.45	20.43	20.19
	12/13	21.00	20.01	20.23	20.35		25/25	21.00	20.45	20.44	20.14
	25/0	21.00	20.01	20.19	20.33		50/0	21.00	20.44	20.42	20.22
16QAM	1/0	21.00	20.09	20.36	20.28	16QAM	1/0	21.00	20.24	20.15	20.22
	1/12	21.00	20.06	20.34	20.26		1/24	21.00	20.33	20.26	20.22
	1/24	21.00	20.05	20.34	20.27		1/49	21.00	20.19	20.12	20.13
	12/0	21.00	19.96	20.02	19.73		25/0	21.00	19.84	19.92	19.80
	12/6	21.00	19.96	20.03	19.73		25/12	21.00	19.83	19.91	19.74
	12/13	21.00	19.99	20.03	19.71		25/25	21.00	19.87	19.88	19.69
	25/0	21.00	19.93	19.97	19.65		50/0	21.00	19.82	19.90	19.74

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	21.00	20.34	20.32	20.23	QPSK	1/0	21.00	20.22	20.14	20.09
	1/37	21.00	20.25	20.31	20.15		1/50	21.00	20.32	20.15	20.20
	1/74	21.00	20.22	20.25	20.11		1/99	21.00	20.10	20.11	19.99
	36/0	21.00	20.36	20.25	20.28		50/0	21.00	20.13	20.20	20.13
	36/19	21.00	20.36	20.32	20.16		50/25	21.00	20.19	20.20	20.08
	36/39	21.00	20.38	20.32	20.06		50/50	21.00	20.15	20.15	19.90
	75/0	21.00	20.36	20.31	20.13		100/0	21.00	20.16	20.18	20.04
16QAM	1/0	21.00	20.24	20.12	20.05	16QAM	1/0	21.00	20.24	20.15	20.02
	1/37	21.00	20.18	20.11	20.47		1/50	21.00	20.35	19.76	20.08
	1/74	21.00	20.18	20.03	20.40		1/99	21.00	20.19	20.06	20.37
	36/0	21.00	19.82	20.03	19.68		50/0	21.00	19.70	19.81	19.64
	36/19	21.00	19.84	19.85	19.60		50/25	21.00	19.78	19.82	19.60
	36/39	21.00	19.82	19.83	19.52		50/50	21.00	19.76	19.71	19.42
	75/0	21.00	19.85	19.85	19.65		100/0	21.00	19.74	19.77	19.59

Second Antenna Receiver on Voice MCC: 310 / Hotspot

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	20.50	19.23	19.18	18.92	QPSK	1/0	20.50	19.24	19.22	18.96
	1/2	20.50	19.34	19.32	19.15		1/7	20.50	19.39	19.06	19.02
	1/5	20.50	19.20	19.11	18.90		1/14	20.50	19.05	19.16	19.13
	3/0	20.50	19.30	19.23	19.02		8/0	20.50	19.16	19.16	19.00
	3/1	20.50	19.29	19.26	19.13		8/3	20.50	19.18	19.24	19.00
	3/3	20.50	19.28	19.24	19.08		8/7	20.50	19.13	19.16	18.95
	6/0	20.50	19.28	19.22	19.00		15/0	20.50	19.14	19.17	18.92
16QAM	1/0	20.50	19.13	19.35	19.04	16QAM	1/0	20.50	19.35	19.39	19.25
	1/2	20.50	19.39	19.52	19.18		1/7	20.50	19.50	19.33	19.37
	1/5	20.50	19.21	19.42	19.13		1/14	20.50	19.33	19.29	19.26
	3/0	20.50	19.20	19.44	18.94		8/0	20.50	19.19	19.09	18.88
	3/1	20.50	19.21	19.28	18.95		8/3	20.50	19.18	19.09	19.16
	3/3	20.50	19.10	19.41	18.97		8/7	20.50	19.15	19.13	19.01
	6/0	20.50	19.37	19.36	19.07		15/0	20.50	19.01	19.07	18.91

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	20.50	19.33	19.48	19.40	QPSK	1/0	20.50	19.41	19.49	19.46
	1/12	20.50	19.47	19.52	19.33		1/24	20.50	19.39	19.50	19.28
	1/24	20.50	19.37	19.35	19.34		1/49	20.50	19.41	19.46	19.23
	12/0	20.50	19.46	19.49	19.32		25/0	20.50	19.47	19.45	19.39
	12/6	20.50	19.49	19.51	19.31		25/12	20.50	19.45	19.47	19.26
	12/13	20.50	19.50	19.52	19.29		25/25	20.50	19.46	19.49	19.22
	25/0	20.50	19.46	19.51	19.30		50/0	20.50	19.46	19.48	19.29
16QAM	1/0	20.50	19.43	19.51	19.27	16QAM	1/0	20.50	19.40	19.40	19.29
	1/12	20.50	19.31	19.29	19.31		1/24	20.50	19.44	19.46	19.38
	1/24	20.50	19.28	19.38	18.98		1/49	20.50	19.42	19.32	19.29
	12/0	20.50	19.20	19.08	18.97		25/0	20.50	19.16	19.22	19.07
	12/6	20.50	19.24	19.12	18.90		25/12	20.50	19.15	19.25	19.04
	12/13	20.50	19.20	19.14	18.98		25/25	20.50	19.15	19.24	18.93
	25/0	20.50	19.09	19.24	18.99		50/0	20.50	19.08	19.18	19.05
LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	20.50	19.39	19.41	19.37	QPSK	1/0	20.50	19.54	19.41	19.42
	1/37	20.50	19.38	19.37	19.39		1/50	20.50	19.49	19.40	19.39
	1/74	20.50	19.39	19.41	19.35		1/99	20.50	19.34	19.40	19.18
	36/0	20.50	19.48	19.41	19.42		50/0	20.50	19.32	19.44	19.31
	36/19	20.50	19.47	19.49	19.33		50/25	20.50	19.41	19.46	19.24
	36/39	20.50	19.46	19.48	19.25		50/50	20.50	19.40	19.39	19.07
	75/0	20.50	19.47	19.48	19.35		100/0	20.50	19.39	19.41	19.20
16QAM	1/0	20.50	19.39	19.43	19.42	16QAM	1/0	20.50	19.15	19.43	19.40
	1/37	20.50	19.33	19.30	18.79		1/50	20.50	19.34	19.07	19.12
	1/74	20.50	19.35	19.41	19.11		1/99	20.50	19.52	19.40	19.06
	36/0	20.50	19.18	19.41	19.06		50/0	20.50	19.30	19.37	19.26
	36/19	20.50	19.10	19.26	19.03		50/25	20.50	19.44	19.42	19.20
	36/39	20.50	19.14	19.19	18.96		50/50	20.50	19.37	19.34	19.09
	75/0	20.50	19.12	19.23	19.02		100/0	20.50	19.33	19.41	19.18

Note: The tested channels are marks in bold.

7. Conducted power measurement results of LTE B4

Main Antenna Receiver on

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	24.40	23.32	23.18	23.08	QPSK	1/0	24.40	23.24	23.20	23.18
	1/2	24.40	23.30	23.30	23.21		1/7	24.40	23.26	23.33	23.25
	1/5	24.40	23.29	23.18	23.08		1/14	24.40	23.24	23.22	23.10
	3/0	24.40	23.17	23.17	23.11		8/0	23.40	22.28	22.24	22.24
	3/1	24.40	23.21	23.22	23.18		8/3	23.40	22.30	22.30	22.26
	3/3	24.40	23.17	23.17	23.14		8/7	23.40	22.29	22.26	22.22
	6/0	23.40	22.41	22.31	22.29		15/0	23.40	22.23	22.21	22.18
16QAM	1/0	23.40	22.12	22.23	22.55	16QAM	1/0	23.40	22.15	22.58	22.23
	1/2	23.40	22.19	22.31	22.61		1/7	23.40	22.21	22.68	22.32
	1/5	23.40	22.13	22.23	22.52		1/14	23.40	22.07	22.57	22.13
	3/0	23.40	22.22	22.40	22.36		8/0	22.40	21.34	21.33	21.26
	3/1	23.40	22.28	22.45	22.39		8/3	22.40	21.38	21.37	21.30
	3/3	23.40	22.24	22.39	22.36		8/7	22.40	21.33	21.31	21.24
	6/0	22.40	21.37	21.45	21.38		15/0	22.40	21.22	21.26	21.14
LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	24.40	23.26	23.10	23.13	QPSK	1/0	24.40	23.24	23.21	23.18
	1/12	24.40	23.32	23.19	23.24		1/24	24.40	23.32	23.31	23.26
	1/24	24.40	23.18	23.10	23.09		1/49	24.40	23.15	23.18	23.09
	12/0	23.40	22.17	22.21	22.24		25/0	23.40	22.19	22.25	22.25
	12/6	23.40	22.25	22.27	22.24		25/12	23.40	22.23	22.25	22.20
	12/13	23.40	22.29	22.25	22.21		25/25	23.40	22.23	22.25	22.15
	25/0	23.40	22.20	22.21	22.18		50/0	23.40	22.19	22.26	22.19
16QAM	1/0	23.40	22.33	22.62	22.21	16QAM	1/0	23.40	22.12	22.55	22.18
	1/12	23.40	22.36	22.73	22.32		1/24	23.40	22.20	22.67	22.27
	1/24	23.40	22.26	22.64	22.21		1/49	23.40	22.07	22.52	22.13
	12/0	22.40	21.20	21.34	21.25		25/0	22.40	21.19	21.31	21.33
	12/6	22.40	21.30	21.39	21.27		25/12	22.40	21.22	21.31	21.29
	12/13	22.40	21.30	21.38	21.24		25/25	22.40	21.24	21.30	21.28
	25/0	22.40	21.23	21.28	21.14		50/0	22.40	21.18	21.30	21.22

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	24.40	23.17	23.13	23.14	QPSK	1/0	24.40	23.23	23.11	23.17
	1/37	24.40	23.13	23.19	23.18		1/50	24.40	23.30	23.21	23.35
	1/74	24.40	23.00	23.05	23.09		1/99	24.40	23.14	23.12	23.10
	36/0	23.40	22.27	23.05	22.29		50/0	23.40	22.05	22.21	22.09
	36/19	23.40	22.31	22.32	22.34		50/25	23.40	22.14	22.22	22.18
	36/39	23.40	22.23	22.28	22.24		50/50	23.40	22.08	22.18	22.08
	75/0	23.40	22.25	22.30	22.28		100/0	23.40	22.09	22.22	22.11
16QAM	1/0	23.40	22.05	22.52	22.43	16QAM	1/0	23.40	22.42	22.56	22.46
	1/37	23.40	22.05	22.56	22.46		1/50	23.40	22.66	22.11	22.71
	1/74	23.40	22.00	22.41	22.39		1/99	23.40	22.43	22.54	22.40
	36/0	22.40	21.18	21.41	21.22		50/0	22.40	21.06	21.28	21.15
	36/19	22.40	21.23	21.33	21.26		50/25	22.40	21.15	21.28	21.24
	36/39	22.40	21.20	21.31	21.20		50/50	22.40	21.11	21.22	21.13
	75/0	22.40	21.22	21.32	21.27		100/0	22.40	21.12	21.28	21.16

Main Antenna_ Receiver off_ Data/Headset off/Earphone

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	24.20	22.90	22.78	22.83	QPSK	1/0	24.20	22.90	22.89	22.85
	1/2	24.20	23.03	22.88	22.93		1/7	24.20	23.00	23.02	22.92
	1/5	24.20	22.89	22.79	22.81		1/14	24.20	22.89	22.88	22.76
	3/0	24.20	22.87	22.81	22.77		8/0	23.40	22.31	22.30	22.27
	3/1	24.20	22.92	22.87	22.81		8/3	23.40	22.37	22.33	22.31
	3/3	24.20	22.81	22.86	22.75		8/7	23.40	22.32	22.29	22.24
	6/0	23.40	22.43	22.35	22.31		15/0	23.40	22.28	22.25	22.21
16QAM	1/0	23.40	22.20	22.31	22.53	16QAM	1/0	23.40	22.16	22.61	22.26
	1/2	23.40	22.29	22.40	22.59		1/7	23.40	22.24	22.73	22.35
	1/5	23.40	22.21	22.31	22.53		1/14	23.40	22.11	22.58	22.19
	3/0	23.40	22.30	22.26	22.35		8/0	22.40	21.36	21.37	21.28
	3/1	23.40	22.38	22.27	22.38		8/3	22.40	21.40	21.39	21.33
	3/3	23.40	22.34	22.23	22.36		8/7	22.40	21.37	21.32	21.28
	6/0	22.40	21.50	21.44	21.19		15/0	22.40	21.26	21.29	21.18

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	24.20	23.06	22.88	22.91	QPSK	1/0	24.20	23.06	22.99	22.96
	1/12	24.20	23.12	23.00	23.03		1/24	24.20	23.15	23.17	23.07
	1/24	24.20	22.96	22.88	22.89		1/49	24.20	22.96	22.99	22.90
	12/0	23.40	22.37	22.38	22.39		25/0	23.40	22.39	22.44	22.41
	12/6	23.40	22.45	22.44	22.40		25/12	23.40	22.38	22.43	22.36
	12/13	23.40	22.46	22.42	22.38		25/25	23.40	22.41	22.44	22.32
	25/0	23.40	22.40	22.36	22.33		50/0	23.40	22.38	22.45	22.32
16QAM	1/0	23.40	22.49	22.81	22.41	16QAM	1/0	23.40	22.32	22.74	22.31
	1/12	23.40	22.58	22.89	22.51		1/24	23.40	22.36	22.87	22.42
	1/24	23.40	22.42	22.81	22.38		1/49	23.40	22.26	22.70	22.28
	12/0	22.40	21.40	21.53	21.42		25/0	22.40	21.41	21.49	21.47
	12/6	22.40	21.48	21.58	21.45		25/12	22.40	21.43	21.47	21.43
	12/13	22.40	21.48	21.57	21.39		25/25	22.40	21.45	21.48	21.40
	25/0	22.40	21.41	21.46	21.34		50/0	22.40	21.40	21.47	21.37
LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	24.20	22.98	22.93	22.94	QPSK	1/0	24.20	22.94	22.81	22.86
	1/37	24.20	22.97	23.01	23.00		1/50	24.20	23.16	23.15	23.30
	1/74	24.20	22.85	22.85	22.88		1/99	24.20	22.85	22.84	22.78
	36/0	23.40	22.48	22.85	22.51		50/0	23.40	22.29	22.40	22.30
	36/19	23.40	22.52	22.53	22.54		50/25	23.40	22.38	22.41	22.37
	36/39	23.40	22.46	22.51	22.46		50/50	23.40	22.30	22.38	22.27
	75/0	23.40	22.47	22.56	22.51		100/0	23.40	22.32	22.42	22.30
16QAM	1/0	23.40	22.26	22.68	22.63	16QAM	1/0	23.40	22.51	22.65	22.63
	1/37	23.40	22.29	22.76	22.66		1/50	23.40	22.56	22.34	22.65
	1/74	23.40	22.18	22.61	22.56		1/99	23.40	22.55	22.58	22.56
	36/0	22.40	21.39	21.61	21.39		50/0	22.40	21.31	21.46	21.29
	36/19	22.40	21.44	21.53	21.44		50/25	22.40	21.40	21.46	21.37
	36/39	22.40	21.39	21.51	21.37		50/50	22.40	21.34	21.43	21.27
	75/0	22.40	21.41	21.53	21.43		100/0	22.40	21.36	21.45	21.35

Main Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	23.70	22.40	22.29	22.18	QPSK	1/0	23.70	22.35	22.33	22.29
	1/2	23.70	22.51	22.40	22.31		1/7	23.70	22.44	22.48	22.36
	1/5	23.70	22.38	22.31	22.19		1/14	23.70	22.36	22.33	22.21
	3/0	23.70	22.29	22.32	22.23		8/0	23.40	21.79	21.76	21.73
	3/1	23.70	22.34	22.37	22.28		8/3	23.40	21.83	21.79	21.76
	3/3	23.70	22.28	22.30	22.26		8/7	23.40	21.76	21.74	21.70
	6/0	23.40	21.89	21.79	21.78		15/0	23.40	21.72	21.70	21.68
16QAM	1/0	23.40	21.75	22.01	21.65	16QAM	1/0	23.40	21.61	22.01	21.72
	1/2	23.40	21.83	22.07	21.69		1/7	23.40	21.70	22.14	21.76
	1/5	23.40	21.72	21.98	21.62		1/14	23.40	21.55	22.00	21.60
	3/0	23.40	21.65	21.82	21.74		8/0	22.40	20.79	20.76	20.72
	3/1	23.40	21.68	21.85	21.81		8/3	22.40	20.83	20.80	20.74
	3/3	23.40	21.62	21.83	21.78		8/7	22.40	20.79	20.75	20.70
	6/0	22.40	20.90	20.64	20.85		15/0	22.40	20.68	20.71	20.61
LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	23.70	22.36	22.22	22.23	QPSK	1/0	23.70	22.39	22.32	22.26
	1/12	23.70	22.44	22.33	22.35		1/24	23.70	22.44	22.48	22.32
	1/24	23.70	22.30	22.22	22.22		1/49	23.70	22.28	22.30	22.21
	12/0	23.40	21.67	21.70	21.72		25/0	23.40	21.71	21.74	21.73
	12/6	23.40	21.75	21.76	21.74		25/12	23.40	21.73	21.71	21.69
	12/13	23.40	21.74	21.74	21.69		25/25	23.40	21.73	21.75	21.64
	25/0	23.40	21.68	21.71	21.64		50/0	23.40	21.69	21.74	21.67
16QAM	1/0	23.40	21.79	22.09	21.68	16QAM	1/0	23.40	21.61	22.02	21.65
	1/12	23.40	21.83	22.19	21.77		1/24	23.40	21.67	22.15	21.76
	1/24	23.40	21.71	22.07	21.68		1/49	23.40	21.56	21.97	21.62
	12/0	22.40	20.69	20.79	20.71		25/0	22.40	20.70	20.76	20.79
	12/6	22.40	20.77	20.84	20.72		25/12	22.40	20.70	20.77	20.75
	12/13	22.40	20.76	20.82	20.70		25/25	22.40	20.73	20.77	20.73
	25/0	22.40	20.69	20.74	20.59		50/0	22.40	20.64	20.75	20.68

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	23.70	22.30	22.28	22.25	QPSK	1/0	23.70	22.25	22.13	22.17
	1/37	23.70	22.29	22.34	22.34		1/50	23.70	22.48	22.12	22.50
	1/74	23.70	22.16	22.18	22.19		1/99	23.70	22.14	22.14	22.12
	36/0	23.40	21.79	22.18	21.81		50/0	23.40	21.61	21.75	21.61
	36/19	23.40	21.84	21.84	21.86		50/25	23.40	21.67	21.73	21.67
	36/39	23.40	21.78	21.81	21.76		50/50	23.40	21.62	21.68	21.59
	75/0	23.40	21.80	21.85	21.80		100/0	23.40	21.63	21.74	21.63
16QAM	1/0	23.40	21.53	21.97	21.90	16QAM	1/0	23.40	22.09	21.90	22.07
	1/37	23.40	21.52	22.03	21.94		1/50	23.40	22.31	21.62	22.33
	1/74	23.40	21.47	21.89	21.86		1/99	23.40	22.03	21.87	22.00
	36/0	22.40	20.68	21.89	20.70		50/0	22.40	20.58	20.76	20.67
	36/19	22.40	20.72	20.81	20.72		50/25	22.40	20.68	20.72	20.73
	36/39	22.40	20.67	20.76	20.65		50/50	22.40	20.62	20.69	20.62
	75/0	22.40	20.69	20.80	20.73		100/0	22.40	20.65	20.74	20.68

Main Antenna_Hotspot

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	21.40	20.28	20.30	20.31	QPSK	1/0	21.40	20.15	20.26	20.24
	1/2	21.40	20.41	20.40	20.40		1/7	21.40	20.25	20.40	20.32
	1/5	21.40	20.30	20.29	20.30		1/14	21.40	20.24	20.24	20.17
	3/0	21.40	20.40	20.36	20.37		8/0	21.40	20.26	20.23	20.21
	3/1	21.40	20.46	20.40	20.41		8/3	21.40	20.27	20.27	20.25
	3/3	21.40	20.43	20.36	20.35		8/7	21.40	20.26	20.20	20.19
	6/0	21.40	20.41	20.37	20.36		15/0	21.40	20.23	20.21	20.20
16QAM	1/0	21.40	20.14	20.23	20.42	16QAM	1/0	21.40	20.24	20.51	20.36
	1/2	21.40	20.23	20.27	20.53		1/7	21.40	20.32	20.47	20.47
	1/5	21.40	20.16	20.18	20.43		1/14	21.40	20.18	20.51	20.29
	3/0	21.40	20.26	20.31	20.48		8/0	21.40	20.39	20.39	20.34
	3/1	21.40	20.31	20.37	20.50		8/3	21.40	20.43	20.42	20.37
	3/3	21.40	20.28	20.37	20.48		8/7	21.40	20.38	20.37	20.32
	6/0	21.40	20.42	20.43	20.21		15/0	21.40	20.28	20.34	20.25

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	21.40	20.31	20.17	20.22	QPSK	1/0	21.40	20.27	20.27	20.21
	1/12	21.40	20.37	20.27	20.35		1/24	21.40	20.36	20.42	20.32
	1/24	21.40	20.24	20.17	20.19		1/49	21.40	20.19	20.26	20.17
	12/0	21.40	20.23	20.23	20.26		25/0	21.40	20.23	20.30	20.29
	12/6	21.40	20.31	20.28	20.28		25/12	21.40	20.26	20.29	20.25
	12/13	21.40	20.27	20.29	20.26		25/25	21.40	20.26	20.30	20.22
	25/0	21.40	20.25	20.23	20.23		50/0	21.40	20.24	20.29	20.22
16QAM	1/0	21.40	20.33	20.38	20.51	16QAM	1/0	21.40	20.24	20.48	20.33
	1/12	21.40	20.37	20.46	20.62		1/24	21.40	20.34	20.62	20.43
	1/24	21.40	20.25	20.37	20.48		1/49	21.40	20.19	20.44	20.25
	12/0	21.40	20.26	20.35	20.40		25/0	21.40	20.29	20.37	20.41
	12/6	21.40	20.36	20.36	20.38		25/12	21.40	20.30	20.34	20.37
	12/13	21.40	20.35	20.38	20.45		25/25	21.40	20.34	20.36	20.34
	25/0	21.40	20.20	20.33	20.32		50/0	21.40	20.25	20.37	20.30
LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	21.40	20.56	20.51	20.50	QPSK	1/0	21.40	20.55	20.43	20.49
	1/37	21.40	20.36	20.41	20.39		1/50	21.40	20.64	20.49	20.40
	1/74	21.40	20.43	20.40	20.43		1/99	21.40	20.47	20.44	20.43
	36/0	21.40	20.25	20.23	20.29		50/0	21.40	20.29	20.31	20.12
	36/19	21.40	20.30	20.30	20.34		50/25	21.40	20.37	20.28	20.26
	36/39	21.40	20.24	20.31	20.25		50/50	21.40	20.29	20.23	20.14
	75/0	21.40	20.26	20.32	20.30		100/0	21.40	20.31	20.28	20.17
16QAM	1/0	21.40	20.18	20.43	20.45	16QAM	1/0	21.40	20.53	20.57	20.56
	1/37	21.40	20.18	20.50	20.51		1/50	21.40	20.25	20.23	20.53
	1/74	21.40	20.12	20.36	20.40		1/99	21.40	20.49	20.56	20.49
	36/0	21.40	20.22	20.53	20.29		50/0	21.40	20.21	20.33	20.19
	36/19	21.40	20.29	20.39	20.29		50/25	21.40	20.29	20.29	20.26
	36/39	21.40	20.26	20.34	20.24		50/50	21.40	20.23	20.28	20.13
	75/0	21.40	20.28	20.38	20.31		100/0	21.40	20.26	20.31	20.21

Second Antenna Receiver on / Hotspot

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	20.90	19.83	19.73	19.62	QPSK	1/0	20.90	19.85	19.75	19.74
	1/2	20.90	19.96	19.92	19.76		1/7	20.90	19.88	19.90	19.78
	1/5	20.90	19.80	19.73	19.66		1/14	20.90	19.89	19.82	19.64
	3/0	20.90	19.91	19.85	19.79		8/0	20.90	19.77	19.75	19.75
	3/1	20.90	19.85	19.84	19.85		8/3	20.90	19.82	19.80	19.75
	3/3	20.90	19.97	19.83	19.88		8/7	20.90	19.79	19.75	19.77
	6/0	20.90	19.87	19.81	19.80		15/0	20.90	19.75	19.73	19.70
16QAM	1/0	20.90	19.77	19.66	19.82	16QAM	1/0	20.90	19.87	19.85	19.71
	1/2	20.90	19.88	19.90	19.89		1/7	20.90	19.90	19.92	19.86
	1/5	20.90	19.89	19.74	19.63		1/14	20.90	19.93	19.82	19.90
	3/0	20.90	19.75	19.84	19.75		8/0	20.90	19.79	19.83	19.71
	3/1	20.90	19.83	19.89	19.94		8/3	20.90	19.81	19.91	19.73
	3/3	20.90	19.71	19.86	19.77		8/7	20.90	19.87	19.84	19.84
	6/0	20.90	19.83	19.63	19.71		15/0	20.90	19.72	19.81	19.76
LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	20.90	19.59	19.71	19.67	QPSK	1/0	20.90	19.67	19.73	19.79
	1/12	20.90	19.82	19.78	19.83		1/24	20.90	19.95	19.94	19.69
	1/24	20.90	19.60	19.78	19.67		1/49	20.90	19.67	19.71	19.67
	12/0	20.90	19.70	19.79	19.74		25/0	20.90	19.70	19.83	19.77
	12/6	20.90	19.80	19.81	19.78		25/12	20.90	19.75	19.79	19.77
	12/13	20.90	19.84	19.79	19.77		25/25	20.90	19.80	19.81	19.74
	25/0	20.90	19.79	19.75	19.73		50/0	20.90	19.74	19.81	19.74
16QAM	1/0	20.90	19.77	19.69	19.66	16QAM	1/0	20.90	19.88	19.73	19.93
	1/12	20.90	19.64	19.72	19.82		1/24	20.90	19.91	19.92	19.84
	1/24	20.90	19.63	19.68	19.75		1/49	20.90	19.96	19.99	19.79
	12/0	20.90	19.71	19.79	19.69		25/0	20.90	19.75	19.90	19.84
	12/6	20.90	19.81	19.82	19.82		25/12	20.90	19.81	19.83	19.83
	12/13	20.90	19.83	19.81	19.83		25/25	20.90	19.81	19.83	19.79
	25/0	20.90	19.75	19.80	19.68		50/0	20.90	19.77	19.79	19.78

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	20.90	19.68	19.67	19.78	QPSK	1/0	20.90	19.75	19.57	19.73
	1/37	20.90	19.73	19.79	19.74		1/50	20.90	19.93	19.62	19.99
	1/74	20.90	19.71	19.70	19.65		1/99	20.90	19.57	19.61	19.69
	36/0	20.90	19.71	19.70	19.76		50/0	20.90	19.59	19.84	19.67
	36/19	20.90	19.79	19.81	19.81		50/25	20.90	19.71	19.98	19.75
	36/39	20.90	19.74	19.76	19.77		50/50	20.90	19.62	19.76	19.72
	75/0	20.90	19.72	19.84	19.78		100/0	20.90	19.62	19.80	19.67
16QAM	1/0	20.90	19.88	19.24	19.59	16QAM	1/0	20.90	19.97	19.94	19.74
	1/37	20.90	19.83	19.86	19.82		1/50	20.90	19.82	19.64	19.80
	1/74	20.90	19.67	19.79	19.92		1/99	20.90	19.66	19.80	19.70
	36/0	20.90	19.71	19.79	19.74		50/0	20.90	19.60	19.84	19.66
	36/19	20.90	19.77	19.67	19.82		50/25	20.90	19.74	19.81	19.77
	36/39	20.90	19.71	19.78	19.76		50/50	20.90	19.64	19.79	19.72
	75/0	20.90	19.73	19.79	19.79		100/0	20.90	19.64	19.80	19.68

Second Antenna Receiver off Data/Headset off/Earphone

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	21.80	20.71	20.70	20.58	QPSK	1/0	21.80	20.69	20.72	20.67
	1/2	21.80	20.82	20.80	20.73		1/7	21.80	20.80	20.86	20.78
	1/5	21.80	20.70	20.67	20.62		1/14	21.80	20.70	20.71	20.62
	3/0	21.80	20.76	20.77	20.71		8/0	21.80	20.71	20.68	20.66
	3/1	21.80	20.78	20.80	20.78		8/3	21.80	20.74	20.73	20.69
	3/3	21.80	20.75	20.75	20.76		8/7	21.80	20.70	20.65	20.65
	6/0	21.80	20.79	20.71	20.71		15/0	21.80	20.68	20.67	20.65
16QAM	1/0	21.80	20.66	20.74	20.85	16QAM	1/0	21.80	20.62	20.88	20.69
	1/2	21.80	20.75	20.88	20.95		1/7	21.80	20.68	20.92	20.80
	1/5	21.80	20.66	20.77	20.85		1/14	21.80	20.51	20.93	20.60
	3/0	21.80	20.82	20.73	20.85		8/0	21.80	20.76	20.75	20.68
	3/1	21.80	20.90	20.77	20.88		8/3	21.80	20.76	20.78	20.72
	3/3	21.80	20.83	20.74	20.86		8/7	21.80	20.73	20.73	20.69
	6/0	21.80	20.87	20.84	20.59		15/0	21.80	20.63	20.69	20.58

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	21.80	20.84	20.75	20.76	QPSK	1/0	21.80	20.81	20.84	20.83
	1/12	21.80	20.93	20.85	20.89		1/24	21.80	20.87	20.86	20.93
	1/24	21.80	20.76	20.73	20.76		1/49	21.80	20.72	20.81	20.78
	12/0	21.80	20.73	20.82	20.84		25/0	21.80	20.76	20.85	20.85
	12/6	21.80	20.83	20.86	20.84		25/12	21.80	20.78	20.85	20.82
	12/13	21.80	20.85	20.85	20.82		25/25	21.80	20.82	20.84	20.80
	25/0	21.80	20.78	20.83	20.78		50/0	21.80	20.77	20.86	20.81
16QAM	1/0	21.80	20.91	20.95	20.85	16QAM	1/0	21.80	20.76	20.89	20.80
	1/12	21.80	20.89	20.94	20.96		1/24	21.80	20.79	20.92	20.90
	1/24	21.80	20.82	20.96	20.86		1/49	21.80	20.69	20.89	20.75
	12/0	21.80	20.77	20.94	20.84		25/0	21.80	20.79	20.91	20.90
	12/6	21.80	20.85	20.98	20.86		25/12	21.80	20.79	20.88	20.86
	12/13	21.80	20.87	20.98	20.85		25/25	21.80	20.84	20.86	20.85
	25/0	21.80	20.80	20.88	20.75		50/0	21.80	20.73	20.89	20.80
LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	21.80	20.77	20.78	20.77	QPSK	1/0	21.80	20.75	20.63	20.70
	1/37	21.80	20.78	20.89	20.83		1/50	21.80	20.98	20.67	20.96
	1/74	21.80	20.66	20.76	20.72		1/99	21.80	20.70	20.66	20.63
	36/0	21.80	20.80	20.76	20.86		50/0	21.80	20.65	20.93	20.73
	36/19	21.80	20.89	20.92	20.91		50/25	21.80	20.77	20.87	20.81
	36/39	21.80	20.83	20.89	20.87		50/50	21.80	20.67	20.82	20.77
	75/0	21.80	20.83	20.94	20.88		100/0	21.80	20.68	20.90	20.76
16QAM	1/0	21.80	20.70	20.86	20.89	16QAM	1/0	21.80	20.63	20.45	20.65
	1/37	21.80	20.69	20.83	20.89		1/50	21.80	20.84	20.10	20.89
	1/74	21.80	20.62	20.91	20.80		1/99	21.80	20.60	20.46	20.54
	36/0	21.80	20.73	20.91	20.78		50/0	21.80	20.67	20.92	20.77
	36/19	21.80	20.80	20.93	20.84		50/25	21.80	20.79	20.84	20.84
	36/39	21.80	20.79	20.90	20.79		50/50	21.80	20.70	20.81	20.78
	75/0	21.80	20.77	20.92	20.85		100/0	21.80	20.72	20.88	20.81

Second Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	21.40	19.86	19.68	19.69	QPSK	1/0	21.40	19.76	19.75	19.72
	1/2	21.40	19.85	19.97	19.85		1/7	21.40	20.13	20.08	19.57
	1/5	21.40	19.74	19.77	19.73		1/14	21.40	19.75	19.77	19.61
	3/0	21.40	19.92	19.85	19.82		8/0	21.40	19.80	19.76	19.75
	3/1	21.40	19.95	19.86	19.87		8/3	21.40	19.81	19.82	19.73
	3/3	21.40	19.93	19.91	19.80		8/7	21.40	19.79	19.72	19.71
	6/0	21.40	19.89	19.84	19.78		15/0	21.40	19.77	19.75	19.70
16QAM	1/0	21.40	19.95	20.05	19.99	16QAM	1/0	21.40	20.07	20.16	19.89
	1/2	21.40	19.98	20.22	20.36		1/7	21.40	20.39	20.17	20.21
	1/5	21.40	20.05	19.68	20.02		1/14	21.40	20.18	19.99	20.25
	3/0	21.40	20.00	19.91	19.74		8/0	21.40	19.79	19.91	19.82
	3/1	21.40	20.02	20.08	20.07		8/3	21.40	19.81	19.90	19.86
	3/3	21.40	19.99	20.05	19.81		8/7	21.40	19.86	19.84	19.71
	6/0	21.40	19.79	19.95	19.85		15/0	21.40	19.73	19.79	19.74
LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	21.40	20.26	20.26	20.28	QPSK	1/0	21.40	20.25	20.26	20.27
	1/12	21.40	20.33	20.28	20.41		1/24	21.40	20.42	20.29	20.25
	1/24	21.40	20.12	20.24	20.17		1/49	21.40	20.20	20.22	20.10
	12/0	21.40	20.23	20.28	20.28		25/0	21.40	20.22	20.36	20.27
	12/6	21.40	20.33	20.31	20.29		25/12	21.40	20.27	20.30	20.27
	12/13	21.40	20.36	20.32	20.29		25/25	21.40	20.33	20.33	20.23
	25/0	21.40	20.29	20.30	20.25		50/0	21.40	20.25	20.33	20.25
16QAM	1/0	21.40	20.55	20.48	20.57	16QAM	1/0	21.40	20.56	20.44	20.40
	1/12	21.40	20.53	20.85	20.70		1/24	21.40	20.69	20.63	20.73
	1/24	21.40	20.48	20.68	20.35		1/49	21.40	20.54	20.47	20.70
	12/0	21.40	20.24	20.31	20.32		25/0	21.40	20.27	20.46	20.30
	12/6	21.40	20.30	20.30	20.38		25/12	21.40	20.29	20.40	20.28
	12/13	21.40	20.42	20.41	20.32		25/25	21.40	20.34	20.38	20.34
	25/0	21.40	20.32	20.31	20.27		50/0	21.40	20.22	20.40	20.24

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	21.40	20.12	20.17	20.19	QPSK	1/0	21.40	20.22	20.08	20.11
	1/37	21.40	20.28	20.26	20.32		1/50	21.40	20.37	20.12	20.51
	1/74	21.40	20.01	20.13	20.18		1/99	21.40	20.08	20.09	20.15
	36/0	21.40	20.23	20.13	20.27		50/0	21.40	20.08	20.35	20.18
	36/19	21.40	20.30	20.33	20.33		50/25	21.40	20.21	20.28	20.27
	36/39	21.40	20.27	20.28	20.28		50/50	21.40	20.12	20.25	20.20
	75/0	21.40	20.24	20.33	20.30		100/0	21.40	20.14	20.32	20.19
16QAM	1/0	21.40	20.50	19.91	20.25	16QAM	1/0	21.40	20.52	20.37	20.58
	1/37	21.40	20.47	20.52	20.54		1/50	21.40	21.04	20.11	20.85
	1/74	21.40	20.32	20.30	20.10		1/99	21.40	20.48	20.32	20.33
	36/0	21.40	20.22	20.30	20.30		50/0	21.40	20.12	20.41	20.23
	36/19	21.40	20.27	20.31	20.34		50/25	21.40	20.24	20.31	20.26
	36/39	21.40	20.23	20.35	20.28		50/50	21.40	20.11	20.27	20.29
	75/0	21.40	20.25	20.36	20.31		100/0	21.40	20.14	20.37	20.27

Note: The tested channels are marks in bold.

8. Conducted power measurement results of LTE B5

Main Antenna Receiver on / Receiver off / Hotspot

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	25.00	24.23	24.08	24.16	QPSK	1/0	25.00	24.23	24.18	24.12
	1/2	25.00	24.32	24.19	24.24		1/7	25.00	24.34	24.30	24.19
	1/5	25.00	24.22	24.06	24.16		1/14	25.00	24.15	24.13	24.08
	3/0	25.00	24.29	24.12	24.02		8/0	24.00	23.24	23.15	23.14
	3/1	25.00	24.34	24.20	24.09		8/3	24.00	23.25	23.21	23.14
	3/3	25.00	24.27	24.18	24.01		8/7	24.00	23.15	23.11	23.09
	6/0	24.00	23.26	23.16	23.16		15/0	24.00	23.22	23.11	23.07
16QAM	1/0	24.00	23.30	23.13	23.31	16QAM	1/0	24.00	23.17	23.43	23.08
	1/2	24.00	23.35	23.24	23.37		1/7	24.00	23.24	23.58	23.13
	1/5	24.00	23.26	23.11	23.26		1/14	24.00	23.07	23.44	22.88
	3/0	24.00	23.45	23.14	23.15		8/0	23.00	22.32	22.20	22.14
	3/1	24.00	23.48	23.17	23.16		8/3	23.00	22.36	22.23	22.15
	3/3	24.00	23.44	23.13	23.13		8/7	23.00	22.25	22.15	22.07
	6/0	23.00	22.45	22.26	21.97		15/0	23.00	22.26	22.13	22.05
LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	25.00	24.28	24.06	24.06	QPSK	1/0	25.00	24.29	24.22	24.06
	1/12	25.00	24.29	24.14	24.18		1/24	25.00	24.35	24.31	24.23
	1/24	25.00	24.18	24.02	24.04		1/49	25.00	24.20	24.12	24.08
	12/0	24.00	23.20	23.10	23.12		25/0	24.00	23.22	23.15	23.19
	12/6	24.00	23.22	23.18	23.14		25/12	24.00	23.25	23.17	23.14
	12/13	24.00	23.22	23.14	23.07		25/25	24.00	23.34	23.07	23.03
	25/0	24.00	23.20	23.11	23.06		50/0	24.00	23.24	23.13	23.13
16QAM	1/0	24.00	23.30	23.54	23.14	16QAM	1/0	24.00	23.18	23.52	23.08
	1/12	24.00	23.34	23.62	23.18		1/24	24.00	23.23	23.64	23.24
	1/24	24.00	23.24	23.52	22.98		1/49	24.00	23.03	23.45	22.96
	12/0	23.00	22.25	22.27	22.19		25/0	23.00	22.23	22.22	22.30
	12/6	23.00	22.28	22.30	22.20		25/12	23.00	22.26	22.24	22.28
	12/13	23.00	22.29	22.25	22.11		25/25	23.00	22.33	22.14	22.16
	25/0	23.00	22.20	22.15	22.03		50/0	23.00	22.22	22.13	22.17

Second Antenna Receiver on

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	23.50	23.36	23.19	23.26	QPSK	1/0	23.50	23.37	23.28	23.21
	1/2	23.50	23.29	23.35	23.20		1/7	23.50	23.41	23.42	23.38
	1/5	23.50	23.33	23.29	23.23		1/14	23.50	23.25	23.26	23.15
	3/0	23.50	23.38	23.17	23.22		8/0	23.50	23.23	23.19	23.17
	3/1	23.50	23.35	23.32	23.13		8/3	23.50	23.28	23.16	23.21
	3/3	23.50	23.30	23.21	23.14		8/7	23.50	23.19	23.13	23.11
	6/0	23.50	23.28	23.13	23.17		15/0	23.50	23.21	23.11	23.09
16QAM	1/0	23.50	23.33	23.34	23.22	16QAM	1/0	23.50	23.38	23.30	23.37
	1/2	23.50	23.35	23.41	23.34		1/7	23.50	23.33	23.35	23.33
	1/5	23.50	23.36	23.37	22.81		1/14	23.50	23.38	23.37	23.04
	3/0	23.50	23.26	23.18	23.11		8/0	23.00	22.75	22.66	22.60
	3/1	23.50	23.29	23.28	23.17		8/3	23.00	22.82	22.73	22.62
	3/3	23.50	23.22	23.32	23.02		8/7	23.00	22.69	22.71	22.59
	6/0	23.00	22.83	22.74	22.55		15/0	23.00	22.78	22.61	22.55
LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	23.50	23.35	23.17	23.11	QPSK	1/0	23.50	23.39	23.33	23.18
	1/12	23.50	23.38	23.34	23.22		1/24	23.50	23.33	23.42	23.14
	1/24	23.50	23.18	23.15	23.11		1/49	23.50	23.24	23.22	23.15
	12/0	23.50	23.26	23.17	23.16		25/0	23.50	23.17	23.20	23.21
	12/6	23.50	23.23	23.19	23.17		25/12	23.50	23.25	23.16	23.17
	12/13	23.50	23.22	23.14	23.09		25/25	23.50	23.36	23.07	23.05
	25/0	23.50	23.20	23.10	23.09		50/0	23.50	23.26	23.09	23.11
16QAM	1/0	23.50	23.37	23.41	23.41	16QAM	1/0	23.50	23.23	23.25	23.15
	1/12	23.50	23.32	23.32	23.35		1/24	23.50	23.33	23.40	23.33
	1/24	23.50	23.31	23.32	22.99		1/49	23.50	23.40	23.39	23.17
	12/0	23.00	22.69	22.61	22.64		25/0	23.00	22.73	22.75	22.76
	12/6	23.00	22.76	22.72	22.77		25/12	23.00	22.74	22.75	22.76
	12/13	23.00	22.66	22.61	22.60		25/25	23.00	22.84	22.64	22.70
	25/0	23.00	22.69	22.63	22.58		50/0	23.00	22.75	22.65	22.67

Second Antenna Receiver off

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	25.00	24.33	24.18	24.04	QPSK	1/0	25.00	24.22	24.17	24.13
	1/2	25.00	24.32	24.27	24.22		1/7	25.00	24.33	24.17	24.19
	1/5	25.00	24.23	24.18	24.01		1/14	25.00	24.24	24.14	24.03
	3/0	25.00	24.31	24.25	24.15		8/0	24.00	23.23	23.16	23.18
	3/1	25.00	24.30	24.24	24.17		8/3	24.00	23.32	23.19	23.18
	3/3	25.00	24.28	24.24	24.14		8/7	24.00	23.18	23.11	23.14
	6/0	24.00	23.27	23.17	23.18		15/0	24.00	23.21	23.13	23.09
16QAM	1/0	24.00	23.15	23.27	23.02	16QAM	1/0	24.50	23.55	23.48	23.29
	1/2	24.00	23.78	23.56	23.45		1/7	24.50	23.81	23.55	23.50
	1/5	24.00	23.39	23.28	23.28		1/14	24.50	23.47	23.27	23.05
	3/0	24.00	23.35	23.52	23.14		8/0	23.00	22.76	22.87	22.61
	3/1	24.00	23.42	23.37	23.00		8/3	23.00	22.83	22.80	22.73
	3/3	24.00	23.20	23.26	23.09		8/7	23.00	22.62	22.54	22.59
	6/0	23.00	22.94	22.70	22.65		15/0	23.00	22.69	22.71	22.62
LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	25.00	24.21	24.14	24.01	QPSK	1/0	25.00	24.33	24.25	24.11
	1/12	25.00	24.11	24.22	24.12		1/24	25.00	24.33	24.34	24.26
	1/24	25.00	24.12	24.05	24.18		1/49	25.00	24.19	24.13	24.17
	12/0	24.00	23.26	23.17	23.19		25/0	24.00	23.22	23.20	23.21
	12/6	24.00	23.25	23.19	23.21		25/12	24.00	23.30	23.20	23.21
	12/13	24.00	23.26	23.16	23.11		25/25	24.00	23.64	23.11	23.06
	25/0	24.00	23.24	23.13	23.13		50/0	24.00	23.27	23.13	23.15
16QAM	1/0	24.50	23.35	23.51	23.42	16QAM	1/0	24.50	23.41	23.56	23.09
	1/12	24.50	23.43	23.50	23.40		1/24	24.50	23.47	23.57	23.53
	1/24	24.50	23.38	23.34	22.91		1/49	24.50	23.58	23.31	23.48
	12/0	23.00	22.74	22.62	22.67		25/0	23.00	22.76	22.76	22.79
	12/6	23.00	22.85	22.68	22.67		25/12	23.00	22.79	22.75	22.78
	12/13	23.00	22.74	22.76	22.59		25/25	23.00	22.86	22.56	22.62
	25/0	23.00	22.70	22.75	22.62		50/0	23.00	22.77	22.72	22.68

Second Antenna Hotspot

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	24.40	23.23	23.06	23.13	QPSK	1/0	24.40	23.24	23.15	23.08
	1/2	24.40	23.42	23.22	23.07		1/7	24.40	23.28	23.29	23.25
	1/5	24.40	23.20	23.16	23.10		1/14	24.40	23.12	23.13	23.02
	3/0	24.40	23.38	23.17	23.22		8/0	24.00	23.23	23.19	23.17
	3/1	24.40	23.35	23.32	23.13		8/3	24.00	23.28	23.16	23.21
	3/3	24.40	23.30	23.21	23.14		8/7	24.00	23.19	23.13	23.11
	6/0	24.40	23.28	23.13	23.17		15/0	24.00	23.21	23.11	23.09
16QAM	1/0	24.40	23.43	23.34	23.22	16QAM	1/0	24.00	23.38	23.30	23.37
	1/2	24.40	23.35	23.34	23.34		1/7	24.00	23.46	23.35	23.33
	1/5	24.40	23.36	23.37	22.81		1/14	24.00	23.38	23.37	23.04
	3/0	24.00	23.44	23.18	23.11		8/0	23.00	22.75	22.66	22.60
	3/1	24.00	23.49	23.28	23.17		8/3	23.00	22.82	22.73	22.62
	3/3	24.00	23.32	23.32	23.02		8/7	23.00	22.69	22.71	22.59
	6/0	23.00	22.83	22.74	22.55		15/0	23.00	22.78	22.61	22.55
LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	24.40	23.22	23.04	22.98	QPSK	1/0	24.40	23.39	23.20	23.05
	1/12	24.40	23.25	23.21	23.09		1/24	24.40	23.33	23.51	23.14
	1/24	24.40	23.05	23.02	22.98		1/49	24.40	23.24	23.09	23.02
	12/0	24.00	23.26	23.17	23.16		25/0	24.00	23.17	23.20	23.21
	12/6	24.00	23.23	23.19	23.17		25/12	24.00	23.25	23.16	23.17
	12/13	24.00	23.22	23.14	23.09		25/25	24.00	23.49	23.07	23.05
	25/0	24.00	23.20	23.10	23.09		50/0	24.00	23.26	23.09	23.11
16QAM	1/0	24.00	23.50	23.41	23.45	16QAM	1/0	24.00	23.23	23.25	23.15
	1/12	24.00	23.46	23.45	23.44		1/24	24.00	23.46	23.40	23.46
	1/24	24.00	23.44	23.32	22.99		1/49	24.00	23.40	23.39	23.17
	12/0	23.00	22.69	22.61	22.64		25/0	23.00	22.73	22.75	22.76
	12/6	23.00	22.76	22.72	22.77		25/12	23.00	22.74	22.75	22.76
	12/13	23.00	22.66	22.61	22.60		25/25	23.00	22.84	22.64	22.70
	25/0	23.00	22.69	22.63	22.58		50/0	23.00	22.75	22.65	22.67

Note: The tested channels are marks in bold.

9. Conducted power measurement results of LTE B7

Main Antenna Receiver on / Receiver off Data/Headset off/Earphone

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	23.10	22.84	22.70	22.92	QPSK	1/0	23.10	22.74	22.69	22.81
	1/12	23.10	22.85	22.69	22.89		1/24	23.10	22.85	22.81	22.97
	1/24	23.10	22.85	22.68	22.86		1/49	23.10	22.78	22.69	22.78
	12/0	23.10	22.60	22.57	22.78		25/0	23.10	22.57	22.55	22.75
	12/6	23.10	22.62	22.57	22.77		25/12	23.10	22.59	22.53	22.68
	12/13	23.10	22.62	22.54	22.73		25/25	23.10	22.65	22.52	22.64
	25/0	23.10	22.59	22.52	22.70		50/0	23.10	22.64	22.57	22.72
16QAM	1/0	23.10	22.60	22.61	22.96	16QAM	1/0	23.10	22.42	22.78	22.61
	1/12	23.10	22.59	22.60	22.92		1/24	23.10	22.52	22.92	22.77
	1/24	23.10	22.59	22.58	22.89		1/49	23.10	22.48	22.78	22.57
	12/0	23.00	21.52	21.57	21.85		25/0	23.00	21.53	21.55	21.79
	12/6	23.00	21.55	21.53	21.78		25/12	23.00	21.55	21.50	21.73
	12/13	23.00	21.55	21.52	21.76		25/25	23.00	21.63	21.49	21.68
	25/0	23.00	21.45	21.48	21.70		50/0	23.00	21.55	21.51	21.69
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	23.10	22.72	22.67	22.82	QPSK	1/0	23.10	22.87	22.76	22.91
	1/37	23.10	22.73	22.68	22.88		1/50	23.10	23.02	22.94	23.09
	1/74	23.10	22.60	22.62	22.82		1/99	23.10	22.74	22.80	22.95
	36/0	23.10	22.57	22.69	22.79		50/0	23.10	22.63	22.77	22.72
	36/19	23.10	22.61	22.64	22.82		50/25	23.10	22.69	22.64	22.85
	36/39	23.10	22.66	22.59	22.76		50/50	23.10	22.80	22.61	22.70
	75/0	23.10	22.67	22.62	22.80		100/0	23.10	22.74	22.70	22.73
16QAM	1/0	23.10	22.39	22.79	22.91	16QAM	1/0	23.10	22.80	22.82	22.81
	1/37	23.10	22.44	22.78	22.92		1/50	23.10	22.69	22.79	22.77
	1/74	23.10	22.31	22.75	22.83		1/99	23.10	22.75	22.65	22.76
	36/0	23.00	21.53	21.61	21.66		50/0	23.00	21.47	21.66	21.67
	36/19	23.00	21.59	21.58	21.70		50/25	23.00	21.54	21.60	21.73
	36/39	23.00	21.64	21.54	21.61		50/50	23.00	21.64	21.58	21.58
	75/0	23.00	21.62	21.60	21.67		100/0	23.00	21.60	21.62	21.61

Main Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / Receiver off USB+Earphone

LTE B7/BW=5M			Average Conducted Power(dBm)			LTE B7/BW=10M			Average Conducted Power(dBm)		
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/ 2502.5	21100/ 2535	21425/ 2567.5				20800/ 2505	21100/ 2535	21400/ 2565
QPSK	1/0	23.00	21.57	21.66	21.94	QPSK	1/0	23.00	21.59	21.64	21.80
	1/12	23.00	21.62	21.64	21.92		1/24	23.00	21.69	21.77	21.96
	1/24	23.00	21.60	21.64	21.93		1/49	23.00	21.64	21.68	21.81
	12/0	23.00	21.56	21.65	21.84		25/0	23.00	21.59	21.65	21.89
	12/6	23.00	21.61	21.65	21.87		25/12	23.00	21.62	21.62	21.86
	12/13	23.00	21.60	21.63	21.87		25/25	23.00	21.66	21.65	21.82
	25/0	23.00	21.56	21.63	21.84		50/0	23.00	21.58	21.66	21.88
16QAM	1/0	23.00	22.09	21.72	21.98	16QAM	1/0	23.00	21.47	21.92	21.81
	1/12	23.00	22.08	21.68	21.98		1/24	23.00	21.55	22.05	21.94
	1/24	23.00	22.07	21.70	21.95		1/49	23.00	21.58	21.97	21.79
	12/0	23.00	21.58	21.56	21.77		25/0	23.00	21.48	21.57	21.85
	12/6	23.00	21.62	21.57	21.78		25/12	23.00	21.50	21.56	21.81
	12/13	23.00	21.61	21.54	21.78		25/25	23.00	21.58	21.52	21.79
	25/0	23.00	21.53	21.47	21.72		50/0	23.00	21.51	21.56	21.77
LTE B7/BW=15M			Average Conducted Power(dBm)			LTE B7/BW=20M			Average Conducted Power(dBm)		
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/ 2507.5	21100/ 2535	21375/ 2562.5				20850/ 2510	21100/ 2535	21350/ 2560
QPSK	1/0	23.00	21.56	21.61	21.87	QPSK	1/0	23.00	21.56	21.54	21.75
	1/37	23.00	21.58	21.62	21.90		1/50	23.00	21.80	21.74	21.92
	1/74	23.00	21.49	21.62	21.83		1/99	23.00	21.52	21.62	21.81
	36/0	23.00	21.59	21.71	21.87		50/0	23.00	21.54	21.68	21.73
	36/19	23.00	21.63	21.66	21.93		50/25	23.00	21.57	21.63	21.86
	36/39	23.00	21.69	21.64	21.86		50/50	23.00	21.67	21.58	21.73
	75/0	23.00	21.65	21.68	21.90		100/0	23.00	21.64	21.66	21.73
16QAM	1/0	23.00	21.46	21.92	22.17	16QAM	1/0	23.00	22.02	21.94	22.30
	1/37	23.00	21.51	21.94	22.15		1/50	23.00	22.25	22.11	22.45
	1/74	23.00	21.43	21.93	22.07		1/99	23.00	22.03	22.03	22.32
	36/0	23.00	21.46	21.59	21.67		50/0	23.00	21.45	21.58	21.69
	36/19	23.00	21.49	21.57	21.73		50/25	23.00	21.52	21.58	21.78
	36/39	23.00	21.52	21.57	21.68		50/50	23.00	21.59	21.50	21.66
	75/0	23.00	21.53	21.57	21.76		100/0	23.00	21.55	21.56	21.69

Main Antenna Hotspot

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	22.00	21.08	21.03	21.23	QPSK	1/0	22.00	21.09	21.06	21.11
	1/12	22.00	21.12	21.04	21.22		1/24	22.00	21.20	21.16	21.27
	1/24	22.00	21.09	21.02	21.20		1/49	22.00	21.13	21.08	21.12
	12/0	22.00	21.06	21.02	21.17		25/0	22.00	21.06	21.07	21.21
	12/6	22.00	21.10	20.97	21.17		25/12	22.00	21.07	21.03	21.13
	12/13	22.00	21.08	21.02	21.15		25/25	22.00	21.17	21.04	21.07
	25/0	22.00	21.02	21.02	21.14		50/0	22.00	21.11	21.09	21.14
16QAM	1/0	22.00	21.09	21.01	21.24	16QAM	1/0	22.00	21.02	21.20	21.04
	1/12	22.00	21.11	21.16	21.21		1/24	22.00	21.13	21.16	21.16
	1/24	22.00	21.08	21.01	21.20		1/49	22.00	21.09	21.21	21.02
	12/0	22.00	21.11	21.02	21.22		25/0	22.00	21.14	21.01	21.23
	12/6	22.00	21.15	21.03	21.18		25/12	22.00	21.14	20.95	21.17
	12/13	22.00	21.14	21.00	21.16		25/25	22.00	21.06	20.93	21.13
	25/0	22.00	21.04	20.93	21.10		50/0	22.00	21.14	20.95	21.13
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	22.00	21.05	21.09	21.19	QPSK	1/0	22.00	21.24	21.27	21.27
	1/37	22.00	21.07	21.09	21.21		1/50	22.00	21.29	21.27	21.25
	1/74	22.00	21.12	21.06	21.15		1/99	22.00	21.16	21.30	21.26
	36/0	22.00	21.01	21.17	21.19		50/0	22.00	21.02	21.06	21.06
	36/19	22.00	21.14	21.10	21.24		50/25	22.00	21.08	21.01	21.13
	36/39	22.00	21.14	21.11	21.19		50/50	22.00	21.17	20.90	21.03
	75/0	22.00	21.14	21.11	21.16		100/0	22.00	21.14	20.65	21.05
16QAM	1/0	22.00	21.14	21.24	21.19	16QAM	1/0	22.00	21.24	21.25	21.02
	1/37	22.00	21.06	21.29	21.16		1/50	22.00	21.15	21.05	21.10
	1/74	22.00	21.11	21.29	21.21		1/99	22.00	21.24	21.14	21.15
	36/0	22.00	21.01	21.05	21.04		50/0	22.00	21.05	21.16	21.10
	36/19	22.00	21.06	21.03	21.08		50/25	22.00	21.13	21.10	21.19
	36/39	22.00	21.11	21.03	21.00		50/50	22.00	21.09	21.03	21.04
	75/0	22.00	21.08	21.07	21.09		100/0	22.00	21.05	21.13	21.07

Second Antenna Receiver on / Hotspot

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	21.00	19.95	19.88	19.96	QPSK	1/0	21.00	19.88	19.80	19.89
	1/12	21.00	19.93	19.87	19.82		1/24	21.00	20.03	20.04	20.23
	1/24	21.00	19.89	19.83	19.90		1/49	21.00	19.88	19.84	19.81
	12/0	21.00	19.87	19.88	19.99		25/0	21.00	19.86	19.92	20.05
	12/6	21.00	19.89	19.89	19.97		25/12	21.00	19.88	19.87	19.94
	12/13	21.00	19.90	19.87	19.89		25/25	21.00	20.00	19.87	19.84
	25/0	21.00	19.87	19.87	19.93		50/0	21.00	19.91	19.88	19.93
16QAM	1/0	21.00	19.89	20.10	20.20	16QAM	1/0	21.00	20.23	20.03	20.03
	1/12	21.00	19.97	20.22	20.30		1/24	21.00	20.23	20.30	20.24
	1/24	21.00	20.04	20.06	20.19		1/49	21.00	20.18	19.97	20.17
	12/0	21.00	19.85	19.97	19.97		25/0	21.00	19.89	20.01	20.10
	12/6	21.00	20.03	19.94	19.92		25/12	21.00	19.95	19.92	19.95
	12/13	21.00	19.95	19.94	19.81		25/25	21.00	20.03	19.91	19.89
	25/0	21.00	19.93	19.93	19.97		50/0	21.00	19.89	19.93	19.99
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	21.00	19.79	19.89	19.94	QPSK	1/0	21.00	19.83	19.83	19.90
	1/37	21.00	19.82	19.89	19.93		1/50	21.00	20.47	19.90	19.99
	1/74	21.00	19.82	19.83	19.92		1/99	21.00	19.81	19.80	19.86
	36/0	21.00	19.86	19.95	19.98		50/0	21.00	19.80	20.34	19.82
	36/19	21.00	19.90	19.91	19.98		50/25	21.00	19.92	19.87	19.94
	36/39	21.00	19.99	19.85	19.83		50/50	21.00	20.01	19.83	19.71
	75/0	21.00	19.95	19.91	19.93		100/0	21.00	19.93	19.95	19.77
16QAM	1/0	21.00	19.94	20.15	20.31	16QAM	1/0	21.00	20.30	20.29	20.10
	1/37	21.00	20.16	20.04	20.33		1/50	21.00	20.17	20.20	20.32
	1/74	21.00	20.00	19.95	19.86		1/99	21.00	20.32	20.24	20.10
	36/0	21.00	19.85	20.00	19.98		50/0	21.00	19.74	20.09	19.84
	36/19	21.00	19.92	19.90	20.00		50/25	21.00	19.89	20.01	19.93
	36/39	21.00	20.02	19.88	19.86		50/50	21.00	20.07	19.90	19.65
	75/0	21.00	19.91	19.94	19.85		100/0	21.00	19.92	20.02	19.75

Second Antenna Receiver off Data/Headset off/Earphone

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	22.40	21.51	21.52	21.70	QPSK	1/0	22.40	21.48	21.54	21.58
	1/12	22.40	21.54	21.50	21.62		1/24	22.40	21.61	21.64	21.71
	1/24	22.40	21.51	21.52	21.64		1/49	22.40	21.52	21.52	21.53
	12/0	22.40	21.52	21.53	21.59		25/0	22.40	21.49	21.59	21.72
	12/6	22.40	21.55	21.53	21.61		25/12	22.40	21.50	21.48	21.61
	12/13	22.40	21.53	21.50	21.58		25/25	22.40	21.61	21.47	21.49
	25/0	22.40	21.49	21.45	21.57		50/0	22.40	21.53	21.51	21.62
16QAM	1/0	22.40	21.62	21.87	21.65	16QAM	1/0	22.40	21.41	21.82	21.58
	1/12	22.40	21.67	21.79	21.66		1/24	22.40	21.51	21.91	21.70
	1/24	22.40	21.65	21.71	21.61		1/49	22.40	21.46	21.81	21.51
	12/0	21.40	20.57	20.67	20.68		25/0	21.40	20.53	20.63	20.82
	12/6	21.40	20.62	20.67	20.66		25/12	21.40	20.54	20.58	20.72
	12/13	21.40	20.63	20.66	20.64		25/25	21.40	20.70	20.57	20.65
	25/0	21.40	20.59	20.64	20.57		50/0	21.40	20.57	20.61	20.72
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	22.40	21.46	21.50	21.64	QPSK	1/0	22.40	21.45	21.45	21.57
	1/37	22.40	21.53	21.54	21.65		1/50	22.40	21.67	21.62	21.91
	1/74	22.40	21.38	21.47	21.52		1/99	22.40	21.39	21.48	21.49
	36/0	22.40	21.49	21.65	21.72		50/0	22.40	21.34	21.65	21.51
	36/19	22.40	21.58	21.61	21.73		50/25	22.40	21.49	21.50	21.58
	36/39	22.40	21.67	21.55	21.60		50/50	22.40	21.61	21.45	21.37
	75/0	22.40	21.62	21.59	21.66		100/0	22.40	21.52	21.59	21.45
16QAM	1/0	22.40	21.36	21.82	21.82	16QAM	1/0	22.40	21.82	21.80	21.88
	1/37	22.40	21.44	21.78	21.86		1/50	22.40	21.89	21.90	21.70
	1/74	22.40	21.38	21.77	21.81		1/99	22.40	21.89	21.86	21.81
	36/0	21.40	20.48	20.63	20.57		50/0	21.40	20.40	20.70	20.48
	36/19	21.40	20.55	20.58	20.60		50/25	21.40	20.54	20.61	20.54
	36/39	21.40	20.63	20.58	20.49		50/50	21.40	20.69	20.58	20.35
	75/0	21.40	20.57	20.58	20.58		100/0	21.40	20.59	20.66	20.43

Second Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	21.90	21.05	20.98	21.10	QPSK	1/0	21.90	20.95	20.97	21.04
	1/12	21.90	21.08	20.95	21.08		1/24	21.90	21.06	21.13	21.12
	1/24	21.90	21.06	20.93	21.07		1/49	21.90	21.04	21.00	20.98
	12/0	21.90	20.96	20.97	21.11		25/0	21.90	20.94	21.03	21.19
	12/6	21.90	20.99	21.00	21.10		25/12	21.90	20.97	20.95	21.06
	12/13	21.90	20.98	20.95	21.06		25/25	21.90	21.11	20.94	20.97
	25/0	21.90	20.96	20.97	21.04		50/0	21.90	21.00	20.97	21.06
16QAM	1/0	21.90	21.13	21.15	21.16	16QAM	1/0	21.90	20.90	21.26	21.03
	1/12	21.90	21.14	21.40	21.10		1/24	21.90	20.99	21.36	21.14
	1/24	21.90	21.15	21.12	21.09		1/49	21.90	20.98	21.27	20.98
	12/0	21.90	20.08	20.16	20.13		25/0	21.90	19.99	20.08	20.28
	12/6	21.90	20.12	20.16	20.10		25/12	21.90	19.98	19.97	20.13
	12/13	21.90	20.13	20.07	20.05		25/25	21.90	20.12	19.97	20.05
	25/0	21.90	20.07	19.99	19.98		50/0	21.90	20.00	19.99	20.09
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	21.90	20.90	20.99	21.10	QPSK	1/0	21.90	20.94	20.92	21.03
	1/37	21.90	20.99	20.97	21.11		1/50	21.90	21.15	21.13	21.19
	1/74	21.90	20.85	20.92	21.02		1/99	21.90	20.86	20.97	21.02
	36/0	21.90	20.96	21.14	21.19		50/0	21.90	20.83	21.12	20.99
	36/19	21.90	21.04	21.06	21.18		50/25	21.90	20.96	20.97	21.07
	36/39	21.90	21.11	21.03	21.07		50/50	21.90	21.10	20.93	20.86
	75/0	21.90	21.07	21.07	21.14		100/0	21.90	21.02	21.06	20.92
16QAM	1/0	21.90	20.85	21.25	21.39	16QAM	1/0	21.90	21.20	21.11	21.18
	1/37	21.90	20.92	21.24	21.38		1/50	21.90	21.39	21.27	21.36
	1/74	21.90	20.81	21.20	21.31		1/99	21.90	21.29	21.25	21.28
	36/0	21.90	19.94	20.04	20.07		50/0	21.90	20.19	20.15	20.01
	36/19	21.90	20.00	20.01	20.07		50/25	21.90	20.00	20.00	20.11
	36/39	21.90	20.09	19.99	19.97		50/50	21.90	20.18	19.95	20.20
	75/0	21.90	20.06	20.00	20.07		100/0	21.90	20.04	20.05	19.95

MAS Antenna Receiver on / Hotspot

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	19.50	18.48	18.36	18.42	QPSK	1/0	19.50	18.46	18.38	18.33
	1/12	19.50	18.53	18.33	18.38		1/24	19.50	18.53	18.47	18.45
	1/24	19.50	18.49	18.30	18.45		1/49	19.50	18.48	18.35	18.28
	12/0	19.50	18.49	18.33	18.41		25/0	19.50	18.53	18.40	18.47
	12/6	19.50	18.53	18.34	18.42		25/12	19.50	18.49	18.35	18.39
	12/13	19.50	18.50	18.33	18.38		25/25	19.50	18.57	18.32	18.33
	25/0	19.50	18.49	18.32	18.40		50/0	19.50	18.54	18.38	18.40
16QAM	1/0	19.50	18.57	18.52	18.56	16QAM	1/0	19.50	18.41	18.55	18.39
	1/12	19.50	18.63	18.45	18.51		1/24	19.50	18.55	18.62	18.51
	1/24	19.50	18.59	18.43	18.52		1/49	19.50	18.49	18.68	18.36
	12/0	19.50	18.57	18.41	18.51		25/0	19.50	18.55	18.46	18.56
	12/6	19.50	18.59	18.41	18.47		25/12	19.50	18.55	18.39	18.50
	12/13	19.50	18.58	18.40	18.47		25/25	19.50	18.63	18.38	18.42
	25/0	19.50	18.49	18.36	18.44		50/0	19.50	18.54	18.40	18.44
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	19.50	18.42	18.35	18.34	QPSK	1/0	19.50	18.61	18.52	18.50
	1/37	19.50	18.48	18.35	18.41		1/50	19.50	18.77	18.60	18.64
	1/74	19.50	18.30	18.29	18.30		1/99	19.50	18.47	18.42	18.45
	36/0	19.50	18.48	18.47	18.42		50/0	19.50	18.59	18.73	18.46
	36/19	19.50	18.53	18.38	18.42		50/25	19.50	18.62	18.52	18.57
	36/39	19.50	18.58	18.37	18.30		50/50	19.50	18.64	18.46	18.39
	75/0	19.50	18.54	18.36	18.39		100/0	19.50	18.69	18.56	18.44
16QAM	1/0	19.50	18.37	18.73	18.61	16QAM	1/0	19.50	18.63	18.63	18.63
	1/37	19.50	18.47	18.71	18.61		1/50	19.50	18.65	18.75	18.67
	1/74	19.50	18.28	18.66	18.73		1/99	19.50	18.71	18.59	18.53
	36/0	19.50	18.50	18.47	18.37		50/0	19.50	18.45	18.51	18.30
	36/19	19.50	18.54	18.42	18.41		50/25	19.50	18.51	18.41	18.37
	36/39	19.50	18.55	18.39	18.31		50/50	19.50	18.61	18.36	18.20
	75/0	19.50	18.58	18.40	18.40		100/0	19.50	18.57	18.47	18.26

MAS Antenna Receiver off Data/Headset off/Earphone / USB+Earphone

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	21.80	20.88	20.63	20.71	QPSK	1/0	21.80	20.80	20.64	20.73
	1/12	21.80	20.86	20.58	20.65		1/24	21.80	20.88	20.76	20.86
	1/24	21.80	20.86	20.60	20.67		1/49	21.80	20.82	20.65	20.70
	12/0	21.80	20.77	20.67	20.74		25/0	21.80	20.80	20.72	20.81
	12/6	21.80	20.81	20.67	20.72		25/12	21.80	20.81	20.66	20.75
	12/13	21.80	20.81	20.64	20.70		25/25	21.80	20.88	20.63	20.63
	25/0	21.80	20.78	20.64	20.66		50/0	21.80	20.86	20.68	20.72
16QAM	1/0	21.80	20.86	20.76	20.79	16QAM	1/0	21.80	20.70	20.78	20.63
	1/12	21.80	20.88	20.73	20.78		1/24	21.80	20.79	20.86	20.75
	1/24	21.80	20.86	20.73	20.75		1/49	21.80	20.76	20.75	20.59
	12/0	21.80	20.84	20.76	20.83		25/0	21.80	20.83	20.75	20.84
	12/6	21.80	20.86	20.73	20.83		25/12	21.80	20.84	20.72	20.79
	12/13	21.80	20.87	20.71	20.81		25/25	21.80	20.93	20.69	20.73
	25/0	21.80	20.77	20.67	20.75		50/0	21.80	20.87	20.73	20.74
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	21.80	20.75	20.68	20.70	QPSK	1/0	21.80	20.81	20.61	20.66
	1/37	21.80	20.78	20.67	20.72		1/50	21.80	20.98	20.74	20.76
	1/74	21.80	20.62	20.60	20.65		1/99	21.80	20.66	20.56	20.58
	36/0	21.80	20.83	20.72	20.72		50/0	21.80	20.68	20.79	20.58
	36/19	21.80	20.83	20.67	20.73		50/25	21.80	20.78	20.68	20.71
	36/39	21.80	20.89	20.59	20.65		50/50	21.80	20.87	20.59	20.51
	75/0	21.80	20.87	20.68	20.67		100/0	21.80	20.83	20.71	20.58
16QAM	1/0	21.80	20.66	20.94	20.57	16QAM	1/0	21.80	20.76	20.54	20.46
	1/37	21.80	20.70	20.91	20.59		1/50	21.80	20.93	20.64	20.61
	1/74	21.80	20.51	20.88	20.51		1/99	21.80	20.63	20.51	20.45
	36/0	21.80	20.77	20.77	20.68		50/0	21.80	20.75	20.83	20.60
	36/19	21.80	20.80	20.73	20.72		50/25	21.80	20.81	20.75	20.69
	36/39	21.80	20.84	20.64	20.60		50/50	21.80	20.91	20.70	20.50
	75/0	21.80	20.86	20.71	20.68		100/0	21.80	20.88	20.75	20.59

MAS Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	21.30	20.27	20.14	20.22	QPSK	1/0	21.30	20.20	20.18	20.11
	1/12	21.30	20.28	20.13	20.18		1/24	21.30	20.34	20.28	20.22
	1/24	21.30	20.27	20.10	20.19		1/49	21.30	20.26	20.11	20.10
	12/0	21.30	20.23	20.11	20.20		25/0	21.30	20.26	20.19	20.23
	12/6	21.30	20.29	20.15	20.18		25/12	21.30	20.23	20.12	20.17
	12/13	21.30	20.30	20.13	20.18		25/25	21.30	20.34	20.10	20.12
	25/0	21.30	20.26	20.11	20.16		50/0	21.30	20.30	20.18	20.17
16QAM	1/0	21.30	20.36	20.27	20.62	16QAM	1/0	21.30	20.15	20.48	20.56
	1/12	21.30	20.34	20.24	20.61		1/24	21.30	20.24	20.53	20.69
	1/24	21.30	20.39	20.23	20.57		1/49	21.30	20.21	20.44	20.56
	12/0	21.30	20.30	20.21	20.33		25/0	21.30	20.28	20.27	20.78
	12/6	21.30	20.37	20.22	20.32		25/12	21.30	20.29	20.19	20.71
	12/13	21.30	20.34	20.21	20.29		25/25	21.30	20.41	20.21	20.64
	25/0	21.30	20.25	20.18	20.24		50/0	21.30	20.29	20.24	20.69
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	21.30	20.30	20.07	20.17	QPSK	1/0	21.30	20.24	20.06	20.10
	1/37	21.30	20.33	20.07	20.19		1/50	21.30	20.42	20.24	20.21
	1/74	21.30	20.12	19.93	20.13		1/99	21.30	20.08	20.04	20.08
	36/0	21.30	20.26	20.19	20.19		50/0	21.30	20.16	20.30	20.12
	36/19	21.30	20.29	20.15	20.24		50/25	21.30	20.26	20.17	20.20
	36/39	21.30	20.37	20.07	20.14		50/50	21.30	20.31	20.10	19.98
	75/0	21.30	20.30	20.12	20.19		100/0	21.30	20.25	20.19	20.03
16QAM	1/0	21.30	20.65	20.46	20.53	16QAM	1/0	21.30	20.64	20.61	20.59
	1/37	21.30	20.70	20.43	20.54		1/50	21.30	20.79	20.73	20.68
	1/74	21.30	20.54	20.39	20.42		1/99	21.30	20.51	20.55	20.51
	36/0	21.30	20.74	20.23	20.11		50/0	21.30	20.18	20.36	20.12
	36/19	21.30	20.61	20.21	20.17		50/25	21.30	20.22	20.23	20.21
	36/39	21.30	20.34	20.16	20.11		50/50	21.30	20.35	20.17	20.02
	75/0	21.30	20.33	20.19	20.11		100/0	21.30	20.31	20.32	20.02

Note: The tested channels are marks in bold.

10. Conducted power measurement results of LTE B12

Main Antenna Receiver on / Receiver off / Hotspot

LTE B12/BW=1.4M			Average Conducted Power(dBm)			LTE B12/BW=3M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	25.00	23.98	23.89	23.76	QPSK	1/0	25.00	23.87	23.92	23.88
	1/2	25.00	24.01	23.99	23.90		1/7	25.00	24.01	23.94	23.95
	1/5	25.00	23.96	23.88	23.75		1/14	25.00	23.89	23.88	23.80
	3/0	25.00	23.95	23.94	23.83		8/0	24.00	22.95	22.96	22.98
	3/1	25.00	24.01	24.00	23.87		8/3	24.00	23.02	23.01	22.99
	3/3	25.00	23.97	23.93	23.86		8/7	24.00	22.98	22.93	22.92
	6/0	24.00	23.03	22.96	22.95		15/0	24.00	22.98	22.94	22.95
16QAM	1/0	24.00	22.91	23.02	23.20	16QAM	1/0	24.00	22.81	23.33	22.92
	1/2	24.00	22.99	23.10	23.28		1/7	24.00	22.97	23.44	23.03
	1/5	24.00	22.96	22.98	23.12		1/14	24.00	22.78	23.27	22.77
	3/0	24.00	23.11	23.02	23.08		8/0	23.00	22.05	22.07	21.98
	3/1	24.00	23.18	23.05	23.08		8/3	23.00	22.12	22.10	22.03
	3/3	24.00	23.16	23.01	23.02		8/7	23.00	22.04	22.02	21.94
	6/0	23.00	22.15	22.12	21.81		15/0	23.00	21.99	21.99	21.91
LTE B12/BW=5M			Average Conducted Power(dBm)			LTE B12/BW=10M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	25.00	23.90	23.77	23.80	QPSK	1/0	25.00	23.89	23.88	23.82
	1/12	25.00	23.98	23.87	23.95		1/24	25.00	24.03	24.02	24.02
	1/24	25.00	23.85	23.75	23.77		1/49	25.00	23.85	23.95	23.79
	12/0	24.00	22.94	22.92	22.97		25/0	24.00	22.98	22.96	22.94
	12/6	24.00	22.98	22.99	22.99		25/12	24.00	22.99	22.97	22.94
	12/13	24.00	22.91	22.96	22.96		25/25	24.00	23.01	22.95	22.89
	25/0	24.00	22.92	22.93	22.94		50/0	24.00	22.99	22.97	22.92
16QAM	1/0	24.00	22.99	23.37	22.91	16QAM	1/0	24.00	22.81	22.94	22.83
	1/12	24.00	23.11	23.48	23.04		1/24	24.00	22.92	23.10	22.94
	1/24	24.00	23.02	23.32	22.85		1/49	24.00	22.81	22.91	22.72
	12/0	23.00	22.02	22.07	22.01		25/0	23.00	22.01	22.11	21.97
	12/6	23.00	22.07	22.14	22.04		25/12	23.00	22.04	22.08	21.96
	12/13	23.00	22.03	22.11	21.97		25/25	23.00	22.06	22.09	21.88
	25/0	23.00	21.96	22.03	21.90		50/0	23.00	22.02	22.05	21.92

Second Antenna Receiver on

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	23.50	22.91	22.89	22.76	QPSK	1/0	23.50	22.85	22.84	22.88
	1/2	23.50	23.09	23.02	22.95		1/7	23.50	23.20	23.22	23.12
	1/5	23.50	22.94	22.85	22.73		1/14	23.50	22.98	22.94	22.79
	3/0	23.50	23.03	23.01	22.90		8/0	23.50	22.92	22.88	22.98
	3/1	23.50	23.03	23.00	22.95		8/3	23.50	22.93	22.94	22.98
	3/3	23.50	23.10	22.99	22.99		8/7	23.50	22.94	22.88	22.89
	6/0	23.50	22.95	22.86	22.88		15/0	23.50	22.90	22.86	22.89
16QAM	1/0	23.50	22.99	23.29	22.73	16QAM	1/0	23.50	23.17	23.07	22.97
	1/2	23.50	23.11	23.11	23.25		1/7	23.50	23.14	23.33	23.30
	1/5	23.50	22.98	23.17	23.02		1/14	23.50	23.27	23.20	23.07
	3/0	23.50	22.87	23.18	23.01		8/0	23.00	22.48	22.44	22.53
	3/1	23.50	23.01	23.12	22.95		8/3	23.00	22.46	22.36	22.51
	3/3	23.50	23.20	23.15	22.94		8/7	23.00	22.44	22.49	22.26
	6/0	23.00	22.50	22.42	22.46		15/0	23.00	22.37	22.47	22.38
LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	23.50	22.77	22.83	22.76	QPSK	1/0	23.50	22.85	22.87	22.84
	1/12	23.50	22.94	22.88	22.92		1/24	23.50	23.15	23.35	22.98
	1/24	23.50	22.81	22.86	22.79		1/49	23.50	22.83	22.88	22.90
	12/0	23.50	22.91	22.93	22.93		25/0	23.50	22.96	22.95	22.93
	12/6	23.50	22.94	22.94	22.97		25/12	23.50	22.90	22.91	22.91
	12/13	23.50	22.85	22.89	22.89		25/25	23.50	23.24	23.14	23.10
	25/0	23.50	22.89	22.86	22.91		50/0	23.50	22.91	22.91	22.87
16QAM	1/0	23.50	23.13	23.16	23.11	16QAM	1/0	23.50	23.02	22.75	23.14
	1/12	23.50	23.12	23.23	23.31		1/24	23.50	23.14	23.20	23.20
	1/24	23.50	23.03	22.98	23.29		1/49	23.50	23.10	23.04	23.21
	12/0	23.00	22.43	22.36	22.49		25/0	23.00	22.48	22.47	22.55
	12/6	23.00	22.45	22.50	22.43		25/12	23.00	22.49	22.47	22.46
	12/13	23.00	22.37	22.38	22.32		25/25	23.00	22.52	22.45	22.44
	25/0	23.00	22.47	22.50	22.36		50/0	23.00	22.42	22.45	22.46

Second Antenna Receiver off

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	25.00	23.14	23.06	23.10	QPSK	1/0	25.00	23.19	23.16	23.08
	1/2	25.00	23.33	23.24	23.17		1/7	25.00	23.20	23.17	23.24
	1/5	25.00	23.19	23.18	23.02		1/14	25.00	23.22	23.14	23.01
	3/0	25.00	23.07	23.00	23.00		8/0	24.00	22.88	22.91	22.94
	3/1	25.00	23.03	23.27	23.26		8/3	24.00	22.93	22.92	22.99
	3/3	25.00	23.06	23.23	23.19		8/7	24.00	22.92	22.86	22.90
	6/0	24.00	22.94	22.92	22.86		15/0	24.00	22.89	22.89	22.91
16QAM	1/0	24.10	23.43	23.65	23.54	16QAM	1/0	24.10	23.73	23.83	23.40
	1/2	24.10	23.28	23.58	23.57		1/7	24.10	23.50	23.91	23.69
	1/5	24.10	23.88	23.47	23.37		1/14	24.10	23.83	23.02	23.28
	3/0	24.00	23.48	23.68	23.49		8/0	23.00	22.43	22.38	22.47
	3/1	24.00	23.56	23.67	23.49		8/3	23.00	22.62	22.49	22.36
	3/3	24.00	23.59	23.61	23.23		8/7	23.00	22.43	22.50	22.52
	6/0	23.00	22.45	22.58	22.33		15/0	23.00	22.41	22.49	22.38
LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	25.00	24.07	24.19	24.24	QPSK	1/0	25.00	24.37	24.29	24.30
	1/12	25.00	24.40	24.37	24.31		1/24	25.00	24.42	24.40	24.43
	1/24	25.00	24.40	24.18	24.16		1/49	25.00	24.34	24.35	24.30
	12/0	24.00	23.40	23.40	23.40		25/0	24.00	23.42	23.65	23.87
	12/6	24.00	23.49	23.44	23.41		25/12	24.00	23.55	23.46	23.44
	12/13	24.00	23.43	23.42	23.34		25/25	24.00	23.46	23.46	23.37
	25/0	24.00	23.40	23.38	23.40		50/0	24.00	23.44	23.44	23.39
16QAM	1/0	24.10	23.58	23.65	23.23	16QAM	1/0	24.10	23.68	23.55	23.79
	1/12	24.10	23.58	24.00	23.51		1/24	24.10	23.85	23.66	23.58
	1/24	24.10	23.57	23.66	23.54		1/49	24.10	23.40	23.57	23.59
	12/0	23.00	22.43	22.45	22.42		25/0	23.00	22.52	22.47	22.45
	12/6	23.00	22.50	22.46	22.47		25/12	23.00	22.48	22.52	22.43
	12/13	23.00	22.39	22.51	22.41		25/25	23.00	22.57	22.45	22.40
	25/0	23.00	22.43	22.45	22.44		50/0	23.00	22.50	22.42	22.39

Second Antenna Hotspot

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	24.10	22.91	22.89	22.76	QPSK	1/0	24.10	22.85	22.84	22.88
	1/2	24.10	23.09	23.02	22.95		1/7	24.10	23.20	23.22	23.12
	1/5	24.10	22.94	22.85	22.73		1/14	24.10	22.98	22.94	22.79
	3/0	24.10	23.03	23.01	22.90		8/0	24.00	22.92	22.88	22.98
	3/1	24.10	23.03	23.00	22.95		8/3	24.00	22.93	22.94	22.98
	3/3	24.10	23.10	22.99	22.99		8/7	24.00	22.94	22.88	22.89
	6/0	24.00	22.95	22.86	22.88		15/0	24.00	22.90	22.86	22.89
16QAM	1/0	24.00	22.99	23.29	22.73	16QAM	1/0	24.00	23.17	23.07	22.97
	1/2	24.00	23.11	23.11	23.25		1/7	24.00	23.14	23.33	23.30
	1/5	24.00	22.98	23.17	23.02		1/14	24.00	23.27	23.20	23.07
	3/0	24.00	22.87	23.18	23.01		8/0	23.00	22.48	22.44	22.53
	3/1	24.00	23.01	23.12	22.95		8/3	23.00	22.46	22.36	22.51
	3/3	24.00	23.20	23.15	22.94		8/7	23.00	22.44	22.49	22.26
	6/0	23.00	22.50	22.42	22.46		15/0	23.00	22.37	22.47	22.38
LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.10	22.77	22.83	22.76	QPSK	1/0	24.10	22.85	22.87	22.84
	1/12	24.10	22.94	22.88	22.92		1/24	24.10	23.15	23.35	22.98
	1/24	24.10	22.81	22.86	22.79		1/49	24.10	22.83	22.88	22.90
	12/0	24.00	22.91	22.93	22.93		25/0	24.00	22.96	22.95	22.93
	12/6	24.00	22.94	22.94	22.97		25/12	24.00	22.90	22.91	22.91
	12/13	24.00	22.85	22.89	22.89		25/25	24.00	23.24	23.14	23.10
	25/0	24.00	22.89	22.86	22.91		50/0	24.00	22.91	22.91	22.87
16QAM	1/0	24.00	23.13	23.16	23.11	16QAM	1/0	24.00	23.02	22.75	23.14
	1/12	24.00	23.12	23.23	23.31		1/24	24.00	23.14	23.20	23.20
	1/24	24.00	23.03	22.98	23.29		1/49	24.00	23.10	23.04	23.21
	12/0	23.00	22.43	22.36	22.49		25/0	23.00	22.48	22.47	22.55
	12/6	23.00	22.45	22.50	22.43		25/12	23.00	22.49	22.47	22.46
	12/13	23.00	22.37	22.38	22.32		25/25	23.00	22.52	22.45	22.44
	25/0	23.00	22.47	22.50	22.36		50/0	23.00	22.42	22.45	22.46

Note: The tested channels are marks in bold.

11. Conducted power measurement results of LTE B26

Main Antenna Receiver on / Receiver off / Hotspot

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	25.00	24.13	24.09	23.94	QPSK	1/0	25.00	24.07	24.12	23.99
	1/2	25.00	24.10	24.04	24.13		1/7	25.00	24.06	24.16	24.14
	1/5	25.00	24.12	24.08	23.98		1/14	25.00	24.11	24.14	24.02
	3/0	25.00	24.15	24.13	23.98		8/0	24.00	23.09	23.07	23.07
	3/1	25.00	24.18	24.18	24.02		8/3	24.00	23.13	23.14	23.09
	3/3	25.00	24.14	24.12	23.99		8/7	24.00	23.12	23.12	23.05
	6/0	24.00	23.15	23.09	23.13		15/0	24.00	23.06	23.09	23.00
16QAM	1/0	24.00	23.08	23.16	23.25	16QAM	1/0	24.00	23.00	23.47	22.97
	1/2	24.00	23.17	23.24	23.34		1/7	24.00	23.13	23.62	23.08
	1/5	24.00	23.07	23.16	23.20		1/14	24.00	22.93	23.43	22.85
	3/0	24.00	23.28	23.14	23.10		8/0	23.00	22.22	22.22	22.08
	3/1	24.00	23.34	23.19	23.12		8/3	23.00	22.22	22.23	22.11
	3/3	24.00	23.28	23.13	23.08		8/7	23.00	22.18	22.21	22.04
	6/0	23.00	22.29	22.26	21.94		15/0	23.00	22.09	22.17	21.99
LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	25.00	24.09	24.01	24.01	QPSK	1/0	25.00	24.05	24.12	24.05
	1/12	25.00	24.05	24.11	24.16		1/24	25.00	24.11	24.14	24.14
	1/24	25.00	24.08	23.99	24.06		1/49	25.00	24.08	24.10	24.02
	12/0	24.00	23.06	23.06	23.04		25/0	24.00	23.10	23.09	23.14
	12/6	24.00	23.16	23.13	23.04		25/12	24.00	23.11	23.15	23.05
	12/13	24.00	23.12	23.16	22.98		25/25	24.00	23.04	23.16	22.93
	25/0	24.00	23.06	23.10	22.98		50/0	24.00	23.06	23.12	23.03
16QAM	1/0	24.00	23.13	23.21	23.42	16QAM	1/0	24.00	22.93	23.46	23.02
	1/12	24.00	23.23	23.29	23.48		1/24	24.00	23.09	23.56	23.18
	1/24	24.00	23.10	23.15	23.32		1/49	24.00	22.96	23.37	22.89
	12/0	23.00	22.11	22.14	22.15		25/0	23.00	22.11	22.16	22.25
	12/6	23.00	22.21	22.23	22.18		25/12	23.00	22.12	22.21	22.17
	12/13	23.00	22.19	22.26	22.11		25/25	23.00	22.05	22.19	22.04
	25/0	23.00	22.07	22.20	22.07		50/0	23.00	22.05	22.19	22.07

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/821.5	26865/831	26965/841.5
QPSK	1/0	25.00	24.10	24.13	24.10
	1/37	25.00	24.20	24.17	24.15
	1/74	25.00	24.08	24.06	24.06
	36/0	24.00	23.20	23.14	23.25
	36/19	24.00	23.23	23.15	23.17
	36/39	24.00	23.16	23.17	23.04
	75/0	24.00	23.21	23.16	23.21
16QAM	1/0	24.00	22.85	23.43	22.92
	1/37	24.00	23.00	23.45	23.00
	1/74	24.00	22.93	23.34	22.76
	36/0	23.00	22.13	22.34	22.24
	36/19	23.00	22.16	22.20	22.16
	36/39	23.00	22.12	22.17	22.01
	75/0	23.00	22.15	22.16	22.19

Second Antenna Receiver on

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	23.50	23.14	23.07	23.10	QPSK	1/0	23.50	23.22	23.16	23.04
	1/2	23.50	23.32	23.22	23.13		1/7	23.50	23.34	22.91	23.28
	1/5	23.50	23.08	23.08	22.96		1/14	23.50	23.11	23.08	23.04
	3/0	23.50	23.26	23.21	23.14		8/0	23.50	23.12	23.16	23.15
	3/1	23.50	23.29	23.19	23.19		8/3	23.50	23.17	23.21	23.19
	3/3	23.50	23.24	23.21	23.21		8/7	23.50	23.16	23.16	23.16
	6/0	23.50	23.18	23.10	23.17		15/0	23.50	23.12	23.14	23.08
16QAM	1/0	23.50	23.19	23.04	22.79	16QAM	1/0	23.50	23.23	23.22	23.04
	1/2	23.50	23.32	23.20	22.98		1/7	23.50	23.26	23.22	23.36
	1/5	23.50	23.33	23.29	23.29		1/14	23.50	23.23	23.28	22.85
	3/0	23.50	23.39	23.37	23.09		8/0	23.00	22.65	22.67	22.60
	3/1	23.50	23.17	23.36	23.20		8/3	23.00	22.68	22.91	22.59
	3/3	23.50	23.28	23.30	23.10		8/7	23.00	22.74	22.77	22.69
	6/0	23.00	22.79	22.80	22.57		15/0	23.00	22.53	22.63	22.61

LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	23.50	23.13	23.09	23.08	QPSK	1/0	23.50	23.30	23.21	23.08
	1/12	23.50	23.17	23.15	23.07		1/24	23.50	23.37	23.27	23.17
	1/24	23.50	23.15	23.07	22.94		1/49	23.50	23.24	23.13	23.00
	12/0	23.50	23.16	23.11	23.15		25/0	23.50	23.19	23.16	23.21
	12/6	23.50	23.23	23.21	23.14		25/12	23.50	23.23	23.20	23.14
	12/13	23.50	23.20	23.22	23.06		25/25	23.50	23.16	23.20	23.02
	25/0	23.50	23.14	23.16	23.10		50/0	23.50	23.17	23.18	23.08
16QAM	1/0	23.50	23.29	23.30	23.09	16QAM	1/0	23.50	23.30	23.34	23.32
	1/12	23.50	23.29	23.18	23.13		1/24	23.50	23.12	23.30	23.36
	1/24	23.50	23.24	23.06	23.06		1/49	23.50	23.09	23.31	22.99
	12/0	23.00	22.69	22.76	22.73		25/0	23.00	22.73	22.73	22.79
	12/6	23.00	22.71	22.73	22.70		25/12	23.00	22.68	22.80	22.69
	12/13	23.00	22.73	22.77	22.50		25/25	23.00	22.64	22.79	22.54
	25/0	23.00	22.62	22.76	22.58		50/0	23.00	22.62	22.71	22.56
LTE B26/BW=15M		Average Conducted Power(dBm)									
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)								
			26765/821.5	26865/831	26965/841.5						
QPSK	1/0	23.50	23.30	23.23	23.30						
	1/37	23.50	23.40	23.26	23.27						
	1/74	23.50	23.28	23.22	23.18						
	36/0	23.50	23.29	23.09	23.26						
	36/19	23.50	23.24	23.19	23.23						
	36/39	23.50	23.19	23.18	23.08						
	75/0	23.50	23.23	23.21	23.24						
16QAM	1/0	23.50	23.13	23.23	23.16						
	1/37	23.50	23.29	23.24	23.22						
	1/74	23.50	23.29	23.22	23.11						
	36/0	23.00	22.66	22.20	22.72						
	36/19	23.00	22.62	22.72	22.72						
	36/39	23.00	22.67	22.69	22.52						
	75/0	23.00	22.70	22.69	22.75						

Second Antenna Receiver off

LTE B26/BW=1.4M			Average Conducted Power(dBm)			LTE B26/BW=3M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	25.00	24.15	24.12	24.07	QPSK	1/0	25.00	24.13	24.19	24.09
	1/2	25.00	24.29	24.24	24.30		1/7	25.00	24.19	24.00	24.18
	1/5	25.00	24.07	24.06	24.04		1/14	25.00	24.14	24.09	24.06
	3/0	25.00	23.24	23.22	23.24		8/0	24.00	23.18	23.18	23.23
	3/1	25.00	23.30	23.27	23.25		8/3	24.00	23.20	23.23	23.23
	3/3	25.00	23.24	23.23	23.09		8/7	24.00	23.19	23.18	23.16
	6/0	24.00	23.25	23.18	23.18		15/0	24.00	23.15	23.17	23.09
16QAM	1/0	24.50	23.24	23.49	23.21	16QAM	1/0	24.50	23.43	23.37	23.34
	1/2	24.50	23.84	23.46	23.31		1/7	24.50	23.65	23.61	23.47
	1/5	24.50	23.30	23.36	23.27		1/14	24.50	23.39	23.32	23.04
	3/0	24.00	23.23	23.55	23.01		8/0	23.00	22.59	22.69	22.59
	3/1	24.00	23.17	23.34	22.95		8/3	23.00	22.64	22.82	22.84
	3/3	24.00	23.23	23.37	23.01		8/7	23.00	22.69	22.63	22.63
	6/0	23.00	22.70	22.81	22.57		15/0	23.00	22.65	22.72	22.51
LTE B26/BW=5M			Average Conducted Power(dBm)			LTE B26/BW=10M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	25.00	24.08	24.15	24.03	QPSK	1/0	25.00	24.26	24.23	24.14
	1/12	25.00	24.21	24.24	24.13		1/24	25.00	24.31	24.21	24.23
	1/24	25.00	24.08	24.02	24.06		1/49	25.00	24.16	24.06	24.07
	12/0	24.00	23.18	23.14	23.17		25/0	24.00	23.25	23.20	23.24
	12/6	24.00	23.26	23.20	23.15		25/12	24.00	23.26	23.21	23.18
	12/13	24.00	23.21	23.23	23.07		25/25	24.00	23.20	23.22	23.05
	25/0	24.00	23.19	23.19	23.10		50/0	24.00	23.20	23.19	23.13
16QAM	1/0	24.50	23.34	23.21	22.98	16QAM	1/0	24.50	23.36	23.39	23.31
	1/12	24.50	23.55	23.72	23.32		1/24	24.50	23.54	23.57	23.62
	1/24	24.50	23.29	23.12	22.93		1/49	24.50	23.35	23.55	23.31
	12/0	23.00	22.62	22.70	22.63		25/0	23.00	22.70	22.86	22.83
	12/6	23.00	22.75	22.73	22.74		25/12	23.00	22.73	22.81	22.68
	12/13	23.00	22.66	22.69	22.65		25/25	23.00	22.68	22.80	22.56
	25/0	23.00	22.71	22.81	22.65		50/0	23.00	22.64	22.78	22.68

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/821.5	26865/831	26965/841.5
QPSK	1/0	25.00	24.27	24.20	24.27
	1/37	25.00	24.38	24.37	24.34
	1/74	25.00	24.17	24.21	24.18
	36/0	24.00	23.47	23.04	23.34
	36/19	24.00	23.27	23.20	23.22
	36/39	24.00	23.24	23.23	23.12
	75/0	24.00	23.25	23.21	23.27
16QAM	1/0	24.50	23.26	23.29	23.42
	1/37	24.50	23.41	23.31	23.25
	1/74	24.50	23.01	23.25	23.19
	36/0	23.00	22.74	22.75	22.80
	36/19	23.00	22.71	22.74	22.75
	36/39	23.00	22.70	22.72	22.58
	75/0	23.00	22.68	22.79	22.76

Second Antenna Hotspot

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	24.40	23.14	23.07	23.10	QPSK	1/0	24.40	23.22	23.16	23.04
	1/2	24.40	23.32	23.22	23.13		1/7	24.40	23.34	22.91	23.28
	1/5	24.40	23.08	23.08	22.96		1/14	24.40	23.11	23.08	23.04
	3/0	24.40	23.26	23.21	23.14		8/0	24.00	23.12	23.16	23.15
	3/1	24.40	23.29	23.19	23.19		8/3	24.00	23.17	23.21	23.19
	3/3	24.40	23.24	23.21	23.21		8/7	24.00	23.16	23.16	23.16
	6/0	24.40	23.18	23.10	23.17		15/0	24.00	23.12	23.14	23.08
16QAM	1/0	24.40	23.19	23.04	22.79	16QAM	1/0	24.00	23.23	23.42	23.04
	1/2	24.40	23.46	23.34	22.98		1/7	24.00	23.38	23.34	23.36
	1/5	24.40	23.33	23.31	23.29		1/14	24.00	23.35	23.30	22.85
	3/0	24.00	23.39	23.37	23.09		8/0	23.00	22.65	22.67	22.60
	3/1	24.00	23.17	23.36	23.20		8/3	23.00	22.68	22.91	22.59
	3/3	24.00	23.28	23.30	23.10		8/7	23.00	22.74	22.77	22.69
	6/0	23.00	22.79	22.80	22.57		15/0	23.00	22.53	22.63	22.61

LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	24.40	23.13	23.09	23.08	QPSK	1/0	24.40	23.30	23.21	23.08
	1/12	24.40	23.17	23.15	23.07		1/24	24.40	23.42	23.27	23.17
	1/24	24.40	23.15	23.07	22.94		1/49	24.40	23.24	23.13	23.00
	12/0	24.00	23.16	23.11	23.15		25/0	24.00	23.19	23.16	23.21
	12/6	24.00	23.23	23.21	23.14		25/12	24.00	23.23	23.20	23.14
	12/13	24.00	23.20	23.22	23.06		25/25	24.00	23.16	23.20	23.02
	25/0	24.00	23.14	23.16	23.10		50/0	24.00	23.17	23.18	23.08
16QAM	1/0	24.00	23.37	23.38	23.09	16QAM	1/0	24.00	23.30	23.46	23.32
	1/12	24.00	23.37	23.26	23.39		1/24	24.00	23.36	23.34	23.36
	1/24	24.00	23.32	23.32	23.32		1/49	24.00	23.09	23.41	22.99
	12/0	23.00	22.69	22.76	22.73		25/0	23.00	22.73	22.73	22.79
	12/6	23.00	22.71	22.73	22.70		25/12	23.00	22.68	22.80	22.69
	12/13	23.00	22.73	22.77	22.50		25/25	23.00	22.64	22.79	22.54
	25/0	23.00	22.62	22.76	22.58		50/0	23.00	22.62	22.71	22.56
LTE B26/BW=15M		Average Conducted Power(dBm)									
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)								
			26765/821.5	26865/831	26965/841.5						
QPSK	1/0	24.40	23.22	23.28	23.35						
	1/37	24.40	23.48	23.31	23.32						
	1/74	24.40	23.20	23.27	23.23						
	36/0	24.00	23.29	23.09	23.26						
	36/19	24.00	23.24	23.19	23.23						
	36/39	24.00	23.19	23.18	23.08						
	75/0	24.00	23.23	23.21	23.24						
16QAM	1/0	24.00	23.13	23.23	23.16						
	1/37	24.00	23.29	23.24	23.22						
	1/74	24.00	23.29	23.22	23.11						
	36/0	23.00	22.66	22.20	22.72						
	36/19	23.00	22.62	22.72	22.72						
	36/39	23.00	22.67	22.69	22.52						
	75/0	23.00	22.70	22.69	22.75						

Note: The tested channels are marks in bold.

12. Conducted power measurement results of LTE B66

Main Antenna Receiver on

LTE B66/BW=1.4M			Average Conducted Power(dBm)			LTE B66/BW=3M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	24.40	23.06	22.86	22.90	QPSK	1/0	24.40	23.01	22.93	22.82
	1/2	24.40	23.16	22.97	22.98		1/7	24.40	23.13	23.05	22.93
	1/5	24.40	23.02	22.87	22.87		1/14	24.40	23.00	22.94	22.79
	3/0	24.40	22.98	22.88	22.81		8/0	23.40	22.08	21.99	21.91
	3/1	24.40	23.03	22.93	22.84		8/3	23.40	22.12	22.02	21.95
	3/3	24.40	22.98	22.92	22.81		8/7	23.40	22.08	22.01	21.88
	6/0	23.40	22.15	22.07	21.98		15/0	23.40	22.03	21.94	21.85
16QAM	1/0	23.40	21.95	22.00	22.18	16QAM	1/0	23.40	21.88	22.23	21.86
	1/2	23.40	22.04	22.07	22.26		1/7	23.40	21.99	22.38	21.95
	1/5	23.40	21.95	21.99	22.18		1/14	23.40	21.84	22.27	21.78
	3/0	23.40	22.08	21.94	22.02		8/0	22.40	21.12	21.01	20.91
	3/1	23.40	22.13	21.97	22.03		8/3	22.40	21.14	21.06	20.95
	3/3	23.40	22.10	21.95	22.00		8/7	22.40	21.11	21.00	20.90
	6/0	22.40	21.22	21.12	20.83		15/0	22.40	21.00	20.94	20.81
LTE B66/BW=5M			Average Conducted Power(dBm)			LTE B66/BW=10M			Average Conducted Power(dBm)		
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	24.40	23.03	22.82	22.80	QPSK	1/0	24.40	23.03	22.94	22.97
	1/12	24.40	23.09	22.94	22.85		1/24	24.40	23.18	23.14	23.11
	1/24	24.40	22.95	22.83	22.75		1/49	24.40	22.97	22.95	22.84
	12/0	23.40	21.98	21.96	21.89		25/0	23.40	22.05	22.04	21.96
	12/6	23.40	22.08	22.00	21.91		25/12	23.40	22.09	22.03	21.97
	12/13	23.40	22.06	22.00	21.86		25/25	23.40	22.14	22.06	21.86
	25/0	23.40	22.00	21.92	21.83		50/0	23.40	22.07	22.05	21.94
16QAM	1/0	23.40	22.08	22.33	22.03	16QAM	1/0	23.40	21.95	22.31	21.95
	1/12	23.40	22.14	22.43	22.07		1/24	23.40	22.06	22.46	22.06
	1/24	23.40	22.02	22.32	21.96		1/49	23.40	21.92	22.33	21.83
	12/0	22.40	20.99	21.04	20.97		25/0	22.40	21.05	21.06	21.03
	12/6	22.40	21.09	21.08	20.99		25/12	22.40	21.10	21.07	21.07
	12/13	22.40	21.09	21.09	20.96		25/25	22.40	21.17	21.09	20.96
	25/0	22.40	21.00	20.98	20.89		50/0	22.40	21.07	21.07	20.97

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	24.40	23.03	22.97	22.98	QPSK	1/0	24.40	22.94	22.87	22.84
	1/37	24.40	23.04	23.00	23.00		1/50	24.40	23.20	23.01	23.12
	1/74	24.40	22.88	22.92	22.82		1/99	24.40	22.84	22.82	22.69
	36/0	23.40	22.16	22.92	22.11		50/0	23.40	21.96	21.95	21.96
	36/19	23.40	22.21	22.16	22.12		50/25	23.40	22.05	22.01	21.93
	36/39	23.40	22.17	22.15	22.01		50/50	23.40	22.01	21.97	21.85
	75/0	23.40	22.15	22.13	22.07		100/0	23.40	21.98	21.96	21.89
16QAM	1/0	23.40	21.89	22.31	22.32	16QAM	1/0	23.40	22.31	22.41	22.29
	1/37	23.40	21.92	22.32	22.28		1/50	23.40	22.54	21.98	22.48
	1/74	23.40	21.83	22.26	22.09		1/99	23.40	22.26	22.37	22.10
	36/0	22.40	21.07	22.26	21.02		50/0	22.40	20.96	21.00	21.00
	36/19	22.40	21.14	21.15	21.02		50/25	22.40	21.06	21.05	20.99
	36/39	22.40	21.08	21.12	20.94		50/50	22.40	20.98	21.01	20.90
	75/0	22.40	21.10	21.13	21.02		100/0	22.40	20.99	21.02	20.92

Main Antenna_Receiver off_Data/Headset off/Earphone

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	24.20	23.06	22.86	22.90	QPSK	1/0	24.20	23.01	22.93	22.82
	1/2	24.20	23.16	22.97	22.98		1/7	24.20	23.13	23.05	22.93
	1/5	24.20	23.02	22.87	22.87		1/14	24.20	23.00	22.94	22.79
	3/0	24.20	22.98	22.88	22.81		8/0	23.40	22.08	21.99	21.91
	3/1	24.20	23.03	22.93	22.84		8/3	23.40	22.12	22.02	21.95
	3/3	24.20	22.98	22.92	22.81		8/7	23.40	22.08	22.01	21.88
	6/0	23.40	22.15	22.07	21.98		15/0	23.40	22.03	21.94	21.85
16QAM	1/0	23.40	21.95	22.00	22.18	16QAM	1/0	23.40	21.88	22.23	21.86
	1/2	23.40	22.04	22.07	22.26		1/7	23.40	21.99	22.38	21.95
	1/5	23.40	21.95	21.99	22.18		1/14	23.40	21.84	22.27	21.78
	3/0	23.40	22.08	21.94	22.02		8/0	22.40	21.12	21.01	20.91
	3/1	23.40	22.13	21.97	22.03		8/3	22.40	21.14	21.06	20.95
	3/3	23.40	22.10	21.95	22.00		8/7	22.40	21.11	21.00	20.90
	6/0	22.40	21.22	21.12	20.83		15/0	22.40	21.00	20.94	20.81

LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	24.20	23.03	22.82	22.80	QPSK	1/0	24.20	23.03	22.94	22.97
	1/12	24.20	23.09	22.94	22.85		1/24	24.20	23.18	23.14	23.11
	1/24	24.20	22.95	22.83	22.75		1/49	24.20	22.97	22.95	22.84
	12/0	23.40	21.98	21.96	21.89		25/0	23.40	22.05	22.04	21.96
	12/6	23.40	22.08	22.00	21.91		25/12	23.40	22.09	22.03	21.97
	12/13	23.40	22.06	22.00	21.86		25/25	23.40	22.14	22.06	21.86
	25/0	23.40	22.00	21.92	21.83		50/0	23.40	22.07	22.05	21.94
16QAM	1/0	23.40	22.08	22.33	22.03	16QAM	1/0	23.40	21.95	22.31	21.95
	1/12	23.40	22.14	22.43	22.07		1/24	23.40	22.06	22.46	22.06
	1/24	23.40	22.02	22.32	21.96		1/49	23.40	21.92	22.33	21.83
	12/0	22.40	20.99	21.04	20.97		25/0	22.40	21.05	21.06	21.03
	12/6	22.40	21.09	21.08	20.99		25/12	22.40	21.10	21.07	21.07
	12/13	22.40	21.09	21.09	20.96		25/25	22.40	21.17	21.09	20.96
	25/0	22.40	21.00	20.98	20.89		50/0	22.40	21.07	21.07	20.97
LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	24.20	23.03	22.97	22.98	QPSK	1/0	24.20	22.94	22.87	22.84
	1/37	24.20	23.04	23.00	23.00		1/50	24.20	23.20	23.01	23.12
	1/74	24.20	22.88	22.92	22.82		1/99	24.20	22.84	22.82	22.69
	36/0	23.40	22.16	22.92	22.11		50/0	23.40	22.26	22.25	22.26
	36/19	23.40	22.21	22.16	22.12		50/25	23.40	22.55	22.31	22.23
	36/39	23.40	22.17	22.15	22.01		50/50	23.40	22.31	22.37	22.15
	75/0	23.40	22.15	22.13	22.07		100/0	23.40	21.98	22.26	22.19
16QAM	1/0	23.40	21.89	22.31	22.32	16QAM	1/0	23.40	22.31	22.41	22.29
	1/37	23.40	21.92	22.32	22.28		1/50	23.40	22.24	21.98	22.48
	1/74	23.40	21.83	22.26	22.09		1/99	23.40	22.26	22.37	22.10
	36/0	22.40	21.07	22.26	21.02		50/0	22.40	20.96	21.00	21.00
	36/19	22.40	21.14	21.15	21.02		50/25	22.40	21.06	21.05	20.99
	36/39	22.40	21.08	21.12	20.94		50/50	22.40	20.98	21.01	20.90
	75/0	22.40	21.10	21.13	21.02		100/0	22.40	20.99	21.02	20.92

Main Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

LTE B66/BW=1.4M			Average Conducted Power(dBm)			LTE B66/BW=3M			Average Conducted Power(dBm)		
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/ 1710.7	132322/ 1745	132665/ 1779.3				131987/ 1711.5	132322/ 1745	132657/ 1778.5
QPSK	1/0	23.70	22.32	22.15	22.17	QPSK	1/0	23.70	22.30	22.25	22.10
	1/2	23.70	22.42	22.28	22.28		1/7	23.70	22.44	22.37	22.20
	1/5	23.70	22.32	22.17	22.16		1/14	23.70	22.32	22.25	22.06
	3/0	23.70	22.29	22.17	22.09		8/0	23.40	21.64	21.55	21.48
	3/1	23.70	22.33	22.22	22.17		8/3	23.40	21.70	21.60	21.50
	3/3	23.70	22.24	22.22	22.13		8/7	23.40	21.62	21.53	21.42
	6/0	23.40	21.73	21.62	21.55		15/0	23.40	21.61	21.51	21.42
16QAM	1/0	23.40	21.60	21.80	21.46	16QAM	1/0	23.40	21.45	21.78	21.51
	1/2	23.40	21.69	21.86	21.54		1/7	23.40	21.55	21.92	21.50
	1/5	23.40	21.59	21.78	21.45		1/14	23.40	21.50	21.78	21.45
	3/0	23.40	21.52	21.64	21.49		8/0	22.40	20.66	20.56	20.44
	3/1	23.40	21.57	21.66	21.43		8/3	22.40	20.70	20.60	20.48
	3/3	23.40	21.53	21.65	21.47		8/7	22.40	20.65	20.54	20.41
	6/0	22.40	20.77	20.46	20.58		15/0	22.40	20.54	20.49	20.47
LTE B66/BW=5M			Average Conducted Power(dBm)			LTE B66/BW=10M			Average Conducted Power(dBm)		
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/ 1712.5	132322/ 1745	132647/ 1777.5				132022/ 1715	132322/ 1745	132622/ 1775
QPSK	1/0	23.70	22.34	22.12	22.11	QPSK	1/0	23.70	22.35	22.28	22.21
	1/12	23.70	22.40	22.23	22.19		1/24	23.70	22.50	22.45	22.38
	1/24	23.70	22.30	22.12	22.07		1/49	23.70	22.29	22.24	22.08
	12/0	23.40	21.54	21.48	21.43		25/0	23.40	21.59	21.56	21.51
	12/6	23.40	21.64	21.55	21.45		25/12	23.40	21.62	21.58	21.52
	12/13	23.40	21.63	21.51	21.52		25/25	23.40	21.70	21.59	21.40
	25/0	23.40	21.57	21.48	21.51		50/0	23.40	21.63	21.55	21.42
16QAM	1/0	23.40	21.62	21.85	21.52	16QAM	1/0	23.40	21.45	21.80	21.44
	1/12	23.40	21.68	21.96	21.44		1/24	23.40	21.60	21.96	21.55
	1/24	23.40	21.59	21.86	21.48		1/49	23.40	21.42	21.80	21.44
	12/0	22.40	20.57	20.55	20.41		25/0	22.40	20.56	20.55	20.52
	12/6	22.40	20.63	20.62	20.44		25/12	22.40	20.61	20.57	20.55
	12/13	22.40	20.64	20.62	20.53		25/25	22.40	20.67	20.60	20.43
	25/0	22.40	20.58	20.51	20.40		50/0	22.40	20.57	20.57	20.46

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	23.70	22.30	22.23	22.26	QPSK	1/0	23.70	22.24	22.12	22.09
	1/37	23.70	22.37	22.32	22.28		1/50	23.70	22.47	22.55	22.36
	1/74	23.70	22.20	22.22	22.09		1/99	23.70	22.12	22.09	21.96
	36/0	23.40	21.73	22.22	21.64		50/0	23.40	21.51	21.49	21.48
	36/19	23.40	21.76	21.73	21.66		50/25	23.40	21.60	21.55	21.45
	36/39	23.40	21.69	21.70	21.52		50/50	23.40	21.55	21.50	21.48
	75/0	23.40	21.74	21.70	21.60		100/0	23.40	21.53	21.49	21.42
16QAM	1/0	23.40	21.52	21.80	21.78	16QAM	1/0	23.40	21.95	21.80	21.90
	1/37	23.40	21.47	21.82	21.76		1/50	23.40	22.21	21.52	22.10
	1/74	23.40	21.48	21.76	21.61		1/99	23.40	21.89	21.72	21.71
	36/0	22.40	20.57	21.76	20.51		50/0	22.40	20.50	20.46	20.49
	36/19	22.40	20.63	20.65	20.52		50/25	22.40	20.63	20.53	20.49
	36/39	22.40	20.60	20.63	20.41		50/50	22.40	20.52	20.48	20.53
	75/0	22.40	20.62	20.63	20.49		100/0	22.40	20.55	20.45	20.45

Main Antenna_Hotspot

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	21.40	20.22	20.11	20.09	QPSK	1/0	21.40	20.20	20.18	20.08
	1/2	21.40	20.36	20.23	20.20		1/7	21.40	20.38	20.33	20.17
	1/5	21.40	20.25	20.11	20.07		1/14	21.40	20.21	20.21	20.02
	3/0	21.40	20.32	20.21	20.15		8/0	21.40	20.28	20.18	20.12
	3/1	21.40	20.35	20.26	20.19		8/3	21.40	20.30	20.22	20.13
	3/3	21.40	20.31	20.27	20.13		8/7	21.40	20.28	20.18	20.07
	6/0	21.40	20.31	20.24	20.13		15/0	21.40	20.25	20.14	20.05
16QAM	1/0	21.40	20.47	20.09	20.15	16QAM	1/0	21.40	20.12	20.49	20.09
	1/2	21.40	20.56	20.16	20.25		1/7	21.40	20.24	20.48	20.23
	1/5	21.40	20.48	20.11	20.16		1/14	21.40	20.07	20.49	19.99
	3/0	21.40	20.25	20.21	20.13		8/0	21.40	20.31	20.23	20.06
	3/1	21.40	20.30	20.23	20.17		8/3	21.40	20.36	20.25	20.13
	3/3	21.40	20.25	19.62	20.13		8/7	21.40	20.31	20.20	20.08
	6/0	21.40	20.16	20.32	20.23		15/0	21.40	20.20	20.15	20.00

LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	21.40	20.44	20.25	20.24	QPSK	1/0	21.40	20.26	20.13	20.21
	1/12	21.40	20.49	20.34	20.30		1/24	21.40	20.40	20.34	20.33
	1/24	21.40	20.37	20.25	20.19		1/49	21.40	20.21	20.13	20.10
	12/0	21.40	20.33	20.31	20.23		25/0	21.40	20.23	20.22	20.14
	12/6	21.40	20.44	20.37	20.27		25/12	21.40	20.27	20.23	20.19
	12/13	21.40	20.47	20.35	20.27		25/25	21.40	20.33	20.29	20.10
	25/0	21.40	20.41	20.29	20.21		50/0	21.40	20.30	20.26	20.16
16QAM	1/0	21.40	20.37	20.37	20.43	16QAM	1/0	21.40	20.03	20.44	20.13
	1/12	21.40	20.42	20.46	20.50		1/24	21.40	20.19	20.58	20.27
	1/24	21.40	20.30	20.36	20.39		1/49	21.40	20.02	20.40	20.02
	12/0	21.40	20.33	20.32	20.29		25/0	21.40	20.16	20.59	20.17
	12/6	21.40	20.43	20.40	20.32		25/12	21.40	20.21	20.22	20.23
	12/13	21.40	20.43	20.37	20.29		25/25	21.40	20.25	20.23	20.12
	25/0	21.40	20.30	20.27	20.20		50/0	21.40	20.18	20.21	20.11
LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	21.40	20.40	20.37	20.37	QPSK	1/0	21.40	20.33	20.22	20.19
	1/37	21.40	20.43	20.42	20.36		1/50	21.40	20.61	20.35	20.44
	1/74	21.40	20.28	20.34	20.20		1/99	21.40	20.22	20.20	20.05
	36/0	21.40	20.50	20.34	20.45		50/0	21.40	20.31	20.29	20.30
	36/19	21.40	20.57	20.49	20.41		50/25	21.40	20.41	20.37	20.27
	36/39	21.40	20.53	20.48	20.37		50/50	21.40	20.35	20.29	20.23
	75/0	21.40	20.50	20.44	20.39		100/0	21.40	20.34	20.29	20.27
16QAM	1/0	21.40	20.26	20.46	20.54	16QAM	1/0	21.40	20.45	20.45	20.54
	1/37	21.40	20.32	20.51	20.54		1/50	21.40	20.50	20.19	20.39
	1/74	21.40	20.21	20.47	20.54		1/99	21.40	20.56	20.42	20.39
	36/0	21.40	20.37	20.47	20.30		50/0	21.40	20.34	20.46	20.32
	36/19	21.40	20.44	20.45	20.30		50/25	21.40	20.45	20.32	20.31
	36/39	21.40	20.42	20.43	20.23		50/50	21.40	20.36	20.26	20.26
	75/0	21.40	20.39	20.41	20.32		100/0	21.40	20.36	20.27	20.29

Second Antenna Receiver on / Hotspot

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	20.90	19.77	19.53	19.41	QPSK	1/0	20.90	19.67	19.58	19.60
	1/2	20.90	19.78	19.81	19.63		1/7	20.90	19.87	19.51	19.30
	1/5	20.90	19.67	19.59	19.55		1/14	20.90	19.63	19.52	19.45
	3/0	20.90	19.71	19.68	19.64		8/0	20.90	19.68	19.62	19.54
	3/1	20.90	19.80	19.67	19.63		8/3	20.90	19.70	19.60	19.55
	3/3	20.90	19.75	19.68	19.57		8/7	20.90	19.69	19.59	19.54
	6/0	20.90	19.71	19.61	19.58		15/0	20.90	19.64	19.55	19.48
16QAM	1/0	20.90	19.87	19.76	19.69	16QAM	1/0	20.90	19.76	19.90	19.81
	1/2	20.90	19.90	19.38	19.84		1/7	20.90	19.93	19.77	19.94
	1/5	20.90	19.83	19.84	19.54		1/14	20.90	19.86	19.80	19.58
	3/0	20.90	19.76	19.78	19.62		8/0	20.90	19.80	19.65	19.71
	3/1	20.90	19.85	19.88	19.80		8/3	20.90	19.71	19.63	19.51
	3/3	20.90	19.64	19.95	19.71		8/7	20.90	19.74	19.51	19.57
	6/0	20.90	19.61	19.73	19.72		15/0	20.90	19.59	19.59	19.45
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	20.90	19.64	19.41	19.48	QPSK	1/0	20.90	19.73	19.54	19.54
	1/12	20.90	19.64	19.54	19.54		1/24	20.90	19.69	19.79	19.67
	1/24	20.90	19.60	19.47	19.49		1/49	20.90	19.65	19.62	19.40
	12/0	20.90	19.60	19.54	19.47		25/0	20.90	19.63	19.59	19.59
	12/6	20.90	19.68	19.58	19.52		25/12	20.90	19.69	19.63	19.61
	12/13	20.90	19.72	19.60	19.51		25/25	20.90	19.75	19.66	19.59
	25/0	20.90	19.64	19.54	19.49		50/0	20.90	19.68	19.67	19.62
16QAM	1/0	20.90	19.94	19.89	19.71	16QAM	1/0	20.90	19.92	19.89	19.92
	1/12	20.90	19.93	19.93	19.96		1/24	20.90	19.81	19.85	19.93
	1/24	20.90	19.69	19.86	19.94		1/49	20.90	19.93	19.74	19.36
	12/0	20.90	19.68	19.52	19.43		25/0	20.90	19.69	19.59	19.61
	12/6	20.90	19.65	19.59	19.58		25/12	20.90	19.74	19.63	19.64
	12/13	20.90	19.78	19.59	19.64		25/25	20.90	19.76	19.73	19.64
	25/0	20.90	19.60	19.57	19.46		50/0	20.90	19.71	19.64	19.68

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	20.90	19.67	19.56	19.59	QPSK	1/0	20.90	19.71	19.52	19.67
	1/37	20.90	19.73	19.65	19.58		1/50	20.90	19.96	19.71	19.85
	1/74	20.90	19.58	19.55	19.41		1/99	20.90	19.63	19.63	19.50
	36/0	20.90	19.68	19.55	19.67		50/0	20.90	19.55	19.53	19.89
	36/19	20.90	19.73	19.71	19.65		50/25	20.90	19.67	19.61	19.62
	36/39	20.90	19.73	19.71	19.65		50/50	20.90	19.58	19.63	19.65
	75/0	20.90	19.69	19.70	19.68		100/0	20.90	19.54	19.57	19.65
16QAM	1/0	20.90	19.91	19.94	19.76	16QAM	1/0	20.90	19.63	19.88	19.88
	1/37	20.90	19.83	19.85	19.77		1/50	20.90	19.84	19.60	19.82
	1/74	20.90	19.81	19.76	19.90		1/99	20.90	19.71	19.79	19.66
	36/0	20.90	19.62	19.76	19.62		50/0	20.90	19.50	19.51	19.72
	36/19	20.90	19.69	19.69	19.63		50/25	20.90	19.65	19.63	19.58
	36/39	20.90	19.64	19.65	19.62		50/50	20.90	19.60	19.62	19.64
	75/0	20.90	19.64	19.68	19.62		100/0	20.90	19.51	19.59	19.60

Second Antenna Receiver off Data/Headset off/Earphone

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	21.80	20.55	20.37	20.41	QPSK	1/0	21.80	20.49	20.49	20.39
	1/2	21.80	20.65	20.50	20.51		1/7	21.80	20.64	20.60	20.50
	1/5	21.80	20.55	20.36	20.42		1/14	21.80	20.49	20.46	20.34
	3/0	21.80	20.60	20.49	20.47		8/0	21.80	20.51	20.44	20.41
	3/1	21.80	20.65	20.55	20.51		8/3	21.80	20.58	20.50	20.43
	3/3	21.80	20.57	20.53	20.47		8/7	21.80	20.52	20.45	20.39
	6/0	21.80	20.58	20.51	20.49		15/0	21.80	20.51	20.42	20.37
16QAM	1/0	21.80	20.51	20.52	20.74	16QAM	1/0	21.80	20.45	20.80	20.43
	1/2	21.80	20.58	20.64	20.83		1/7	21.80	20.53	20.75	20.55
	1/5	21.80	20.50	20.53	20.71		1/14	21.80	20.37	20.79	20.38
	3/0	21.80	20.67	20.51	20.61		8/0	21.80	20.60	20.52	20.43
	3/1	21.80	20.72	20.55	20.64		8/3	21.80	20.64	20.53	20.47
	3/3	21.80	20.71	20.52	20.61		8/7	21.80	20.60	20.48	20.41
	6/0	21.80	20.69	20.62	20.35		15/0	21.80	20.49	20.45	20.34

LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	21.80	20.51	20.41	20.45	QPSK	1/0	21.80	20.53	20.51	20.48
	1/12	21.80	20.57	20.53	20.53		1/24	21.80	20.65	20.67	20.63
	1/24	21.80	20.45	20.40	20.38		1/49	21.80	20.48	20.53	20.36
	12/0	21.80	20.43	20.39	20.40		25/0	21.80	20.50	20.48	20.49
	12/6	21.80	20.53	20.46	20.44		25/12	21.80	20.56	20.50	20.50
	12/13	21.80	20.57	20.52	20.42		25/25	21.80	20.63	20.59	20.48
	25/0	21.80	20.49	20.46	20.39		50/0	21.80	20.57	20.53	20.50
16QAM	1/0	21.80	20.60	20.83	20.47	16QAM	1/0	21.80	20.44	20.85	20.52
	1/12	21.80	20.65	20.75	20.51		1/24	21.80	20.57	20.83	20.62
	1/24	21.80	20.54	20.83	20.39		1/49	21.80	20.38	20.81	20.35
	12/0	21.80	20.48	20.48	20.41		25/0	21.80	20.47	20.52	20.55
	12/6	21.80	20.57	20.54	20.48		25/12	21.80	20.53	20.55	20.60
	12/13	21.80	20.59	20.55	20.42		25/25	21.80	20.61	20.60	20.57
	25/0	21.80	20.50	20.46	20.32		50/0	21.80	20.52	20.55	20.54
LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	21.80	20.51	20.50	20.53	QPSK	1/0	21.80	20.48	20.37	20.34
	1/37	21.80	20.53	20.53	20.52		1/50	21.80	20.87	20.44	20.63
	1/74	21.80	20.41	20.47	20.35		1/99	21.80	20.38	20.33	20.23
	36/0	21.80	20.57	20.47	20.61		50/0	21.80	20.41	20.43	20.55
	36/19	21.80	20.64	20.58	20.55		50/25	21.80	20.53	20.76	20.49
	36/39	21.80	20.61	20.60	20.52		50/50	21.80	20.44	20.53	20.48
	75/0	21.80	20.58	20.55	20.56		100/0	21.80	20.42	20.48	20.50
16QAM	1/0	21.80	20.42	20.82	20.74	16QAM	1/0	21.80	20.53	20.46	20.39
	1/37	21.80	20.43	20.83	20.73		1/50	21.80	20.16	20.46	20.12
	1/74	21.80	20.33	20.76	20.69		1/99	21.80	20.62	20.72	20.64
	36/0	21.80	20.49	20.76	20.52		50/0	21.80	20.43	20.44	20.52
	36/19	21.80	20.56	20.60	20.48		50/25	21.80	20.55	20.52	20.48
	36/39	21.80	20.54	20.62	20.46		50/50	21.80	20.46	20.51	20.44
	75/0	21.80	20.54	20.58	20.52		100/0	21.80	20.44	20.46	20.49

Second Antenna Receiver off Data/Headset off/Earphone+WiFi connect/P2P / USB+Earphone

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	21.40	19.93	19.76	19.78	QPSK	1/0	21.40	19.88	19.83	19.75
	1/2	21.40	20.07	20.00	19.85		1/7	21.40	19.82	19.89	19.78
	1/5	21.40	19.88	19.75	19.78		1/14	21.40	19.81	19.87	19.74
	3/0	21.40	19.98	20.00	19.82		8/0	21.40	19.95	19.89	19.82
	3/1	21.40	20.04	19.94	19.87		8/3	21.40	19.97	19.88	19.83
	3/3	21.40	20.08	19.96	19.81		8/7	21.40	19.96	19.86	19.84
	6/0	21.40	19.99	19.90	19.82		15/0	21.40	19.89	19.82	19.79
16QAM	1/0	21.40	20.05	20.33	20.07	16QAM	1/0	21.40	20.17	20.21	20.15
	1/2	21.40	20.59	19.86	20.07		1/7	21.40	20.02	20.22	19.73
	1/5	21.40	20.09	19.86	19.98		1/14	21.40	20.21	20.06	19.84
	3/0	21.40	19.93	20.02	20.06		8/0	21.40	19.89	19.97	19.90
	3/1	21.40	20.05	20.07	20.06		8/3	21.40	20.03	19.89	19.88
	3/3	21.40	20.15	19.98	20.15		8/7	21.40	19.99	19.81	19.81
	6/0	21.40	20.05	20.02	20.02		15/0	21.40	19.89	19.79	19.83
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	21.40	19.85	19.81	19.80	QPSK	1/0	21.40	20.05	19.81	19.78
	1/12	21.40	19.94	19.94	19.88		1/24	21.40	20.15	20.01	19.91
	1/24	21.40	19.77	19.80	19.72		1/49	21.40	19.96	19.85	19.80
	12/0	21.40	19.86	19.83	19.77		25/0	21.40	19.87	19.90	19.91
	12/6	21.40	19.95	19.89	19.84		25/12	21.40	19.98	19.93	19.92
	12/13	21.40	19.95	19.92	19.82		25/25	21.40	20.05	19.97	19.91
	25/0	21.40	19.91	19.83	19.78		50/0	21.40	19.97	19.95	19.92
16QAM	1/0	21.40	20.04	20.14	20.18	16QAM	1/0	21.40	20.11	20.19	20.19
	1/12	21.40	20.31	20.18	19.85		1/24	21.40	20.49	20.46	20.17
	1/24	21.40	20.33	19.89	20.02		1/49	21.40	20.12	20.16	20.08
	12/0	21.40	19.90	19.78	19.80		25/0	21.40	19.92	19.94	19.90
	12/6	21.40	20.04	19.95	19.92		25/12	21.40	20.01	19.92	19.97
	12/13	21.40	20.02	19.84	19.74		25/25	21.40	20.01	20.08	19.96
	25/0	21.40	19.93	19.96	19.74		50/0	21.40	19.95	20.00	19.86

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/ 1717.5	132322/ 1745	132597/ 1772.5				132072/ 1720	132322/ 1745	132572/ 1770
QPSK	1/0	21.40	19.89	19.89	19.86	QPSK	1/0	21.40	19.97	19.74	19.87
	1/37	21.40	19.91	19.83	19.93		1/50	21.40	20.08	19.84	20.01
	1/74	21.40	19.85	19.84	19.72		1/99	21.40	19.87	19.75	19.72
	36/0	21.40	19.94	19.84	19.98		50/0	21.40	19.80	19.81	19.96
	36/19	21.40	20.01	20.01	19.96		50/25	21.40	19.93	19.92	19.90
	36/39	21.40	19.98	20.03	19.93		50/50	21.40	19.84	19.91	19.89
	75/0	21.40	19.96	19.99	19.96		100/0	21.40	19.81	19.88	19.89
16QAM	1/0	21.40	20.09	20.06	20.08	16QAM	1/0	21.40	20.18	20.04	20.19
	1/37	21.40	20.37	20.20	20.21		1/50	21.40	20.79	19.84	20.32
	1/74	21.40	19.75	20.07	20.15		1/99	21.40	20.08	20.05	19.96
	36/0	21.40	19.90	20.07	19.97		50/0	21.40	19.86	19.90	19.97
	36/19	21.40	19.91	19.96	19.93		50/25	21.40	19.91	19.94	19.98
	36/39	21.40	19.94	19.96	19.93		50/50	21.40	19.84	19.97	19.92
	75/0	21.40	19.92	19.90	19.93		100/0	21.40	19.87	19.92	19.96

Note: The tested channels are marks in bold.

13. Conducted power measurement results of BT

BT	Average Conducted Power(dBm)			
	Max.	CH0	CH39	CH78
	Tune up	2402MHz	2441MHz	2480MHz
DH5	13.00	11.03	12.46	12.07
2DH5	13.00	9.35	10.82	10.11
3DH5	13.00	9.44	10.92	10.07

BT	Average Conducted Power(dBm)			
	Max.	CH0	CH19	CH39
	Tune up	2402MHz	2441MHz	2480MHz
BLE(1M)	9.00	5.60	7.06	5.69
BLE(2M)	9.00	3.89	5.36	4.03

Note:

- 1) The conducted power of BT is measured with RMS detector.
- 2) The tested channels are marks in bold.

14. Conducted power measurement results of WiFi 2.4G

Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
2.4G	802.11b	1	2412	1	14.00	13.66
		6	2437		14.00	13.56
		11	2462		14.00	13.81
	802.11g	1	2412	6	10.00	9.56
		6	2437		14.00	13.52
		11	2462		10.00	9.49
	802.11n HT20	1	2412	6.5	10.00	9.45
		6	2437		14.00	13.79
		11	2462		10.00	9.91
	802.11n HT40	3	2422	13.5	8.00	7.53
		6	2437		13.00	12.55
		9	2452		8.00	7.76

Receiver off & Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
2.4G	802.11b	1	2412	1	19.50	19.23
		6	2437		19.50	19.44
		11	2462		19.50	19.33
	802.11g	1	2412	6	10.00	9.65
		6	2437		19.00	18.57
		11	2462		10.00	9.77
	802.11n HT20	1	2412	MCS0	10.00	9.62
		6	2437		19.00	18.51
		11	2462		10.00	9.63
	802.11n HT40	3	2422	MCS0	8.00	7.65
		6	2437		13.00	12.62
		9	2452		8.00	7.64

Note:

- 1) The Average conducted power of WiFi 2.4G is measured with RMS detector.
- 2) Per KDB248227 D01, for WiFi 2.4G, the highest measured maximum output power Channel for DSSS modes (802.11b) was selected for SAR measurement. SAR for OFDM modes (2.4GHz 802.11g/n) was not required When the highest reported SAR for DSSS is adjusted by the ratio of OFDM modes (802.11g/n) to DSSS modes (802.11b) specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
- 3) The tested channels are marks in bold.

15. Conducted power measurement results of WiFi 5.2G

Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.2G	802.11a	36	5180	6	12.00	11.52
		40	5200		14.00	13.60
		44	5220		14.00	13.71
		48	5240		14.00	13.67
	802.11n HT20	36	5180	MCS0	12.00	11.80
		40	5200		14.00	13.45
		44	5220		14.00	13.52
		48	5240		14.00	13.55
	802.11n HT40	38	5190	MCS0	10.00	9.70
		46	5230		14.00	13.50
	802.11ac VHT20	36	5180	MCS0	12.00	11.81
		40	5200		14.00	13.45
		44	5220		14.00	13.51
		48	5240		14.00	13.56
	802.11ac VHT40	38	5190	MCS0	10.00	9.73
		46	5230		14.00	13.49
	802.11ac VHT80	42	5210	MCS0	8.00	7.51

Receiver off & Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.2G	802.11a	36	5180	6	12.00	11.52
		40	5200		15.00	14.67
		44	5220		19.00	18.53
		48	5240		19.00	18.89
	802.11n HT20	36	5180	MCS0	12.00	11.80
		40	5200		15.00	14.51
		44	5220		19.00	18.53
		48	5240		19.00	18.49
	802.11n HT40	38	5190	MCS0	10.00	9.70
		46	5230		18.00	17.72
	802.11ac VHT20	36	5180	MCS0	12.00	11.81
		40	5200		15.00	14.46
		44	5220		19.00	18.69
		48	5240		19.00	18.61
	802.11ac VHT40	38	5190	MCS0	10.00	9.73
		46	5230		18.00	17.68
	802.11ac VHT80	42	5210	MCS0	8.00	7.51

Note:

- 1) The Average conducted power of WiFi 5.2G is measured with RMS detector.
- 2) The tested channels are marks in bold.

16. Conducted power measurement results of WiFi 5.3G

Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.3G	802.11a	52	5260	6	14.00	13.86
		56	5280		14.00	13.77
		60	5300		14.00	13.80
		64	5320		12.00	11.86
	802.11n HT20	52	5260	MCS0	14.00	13.56
		56	5280		14.00	13.61
		60	5300		14.00	13.66
		64	5320		12.00	11.60
	802.11n HT40	54	5270	MCS0	14.00	13.46
		62	5310		11.00	10.55
	802.11ac VHT20	52	5260	MCS0	14.00	13.67
		56	5280		14.00	13.65
		60	5300		14.00	13.69
		64	5320		12.00	11.61
	802.11ac VHT40	54	5270	MCS0	14.00	13.53
		62	5310		11.00	10.56
	802.11ac VHT80	58	5290	MCS0	11.00	10.77

Receiver off & Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.3G	802.11a	52	5260	6	19.00	18.63
		56	5280		19.00	18.60
		60	5300		15.00	14.89
		64	5320		12.00	11.86
	802.11n HT20	52	5260	MCS0	19.00	18.43
		56	5280		19.00	18.49
		60	5300		15.00	14.67
		64	5320		12.00	11.60
	802.11n HT40	54	5270	MCS0	18.00	17.41
		62	5310		11.00	10.55
	802.11ac VHT20	52	5260	MCS0	19.00	18.56
		56	5280		19.00	18.59
		60	5300		15.00	14.76
		64	5320		12.00	11.61
	802.11ac VHT40	54	5270	MCS0	18.00	17.53
		62	5310		11.00	10.56
	802.11ac VHT80	58	5290	MCS0	11.00	10.77

Note:

- 1) The Average conducted power of WiFi 5.3G is measured with RMS detector.
- 2) The tested channels are marks in bold.

17. Conducted power measurement results of WiFi 5.6G

Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11a	100	5500	6	12.50	12.39
		104	5520		14.00	13.88
		108	5540		14.00	13.80
		112	5560		14.00	13.76
		116	5580		14.00	13.70
		132	5660		14.00	12.63
		136	5680		14.00	13.60
		140	5700		11.50	11.43
	802.11n HT20	100	5500	MCS0	12.50	12.13
		104	5520		14.00	13.75
		108	5540		14.00	13.70
		112	5560		14.00	13.67
		116	5580		14.00	13.65
		132	5660		14.00	13.60
		136	5680		14.00	13.50
		140	5700		11.50	11.25
	802.11n HT40	102	5510	MCS0	10.00	9.71
		110	5550		14.00	13.77
		118	5590		14.00	13.64
		126	5630		14.00	13.60
		134	5670		14.00	13.69
	802.11ac VHT20	100	5500	MCS0	12.50	12.20
		104	5520		14.00	13.74
		108	5540		14.00	13.67
		112	5560		14.00	13.69
		116	5580		14.00	13.66
		132	5660		14.00	13.85
		136	5680		14.00	13.86
		140	5700		11.50	11.27

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11ac VHT40	102	5510	MCS0	10.00	9.73
		110	5550		14.00	13.76
		118	5590		14.00	13.68
		126	5630		14.00	13.58
		134	5670		14.00	13.75
	802.11ac VHT80	106	5530	MCS0	10.00	9.67
		122	5610		14.00	13.67

Receiver off & Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11a	100	5500	6	12.50	12.32
		104	5520		17.00	16.81
		108	5540		19.00	18.88
		112	5560		19.00	18.82
		116	5580		19.00	18.75
		132	5660		19.00	18.56
		136	5680		15.00	14.62
		140	5700		11.50	11.32
	802.11n HT20	100	5500	MCS0	12.50	12.24
		104	5520		17.00	16.76
		108	5540		19.00	18.80
		112	5560		19.00	18.79
		116	5580		19.00	18.62
		132	5660		19.00	18.51
		136	5680		15.00	14.61
		140	5700		11.50	11.34
	802.11n HT40	102	5510	MCS0	10.00	9.69
		110	5550		16.00	15.72
		118	5590		18.00	17.89
		126	5630		17.00	16.85
		134	5670		14.00	13.76

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11ac VHT20	100	5500	MCS0	12.50	12.26
		104	5520		17.00	16.83
		108	5540		19.00	18.85
		112	5560		19.00	18.79
		116	5580		19.00	18.80
		132	5660		19.00	18.66
		136	5680		15.00	14.86
		140	5700		11.50	11.31
	802.11ac VHT40	102	5510	MCS0	10.00	9.72
		110	5550		16.00	15.77
		118	5590		18.00	17.80
		126	5630		17.00	16.87
		134	5670		14.00	13.79
	802.11ac VHT80	106	5530	MCS0	10.00	9.71
		122	5610		14.00	13.69

Note:

- 1) The Average conducted power of WiFi 5.6G is measured with RMS detector.
- 2) The tested channels are marks in bold.

18. Conducted power measurement results of WiFi 5.8G

Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.8G	802.11a	149	5745	6	14.00	13.51
		153	5765		14.00	13.60
		157	5785		14.00	13.56
		161	5805		14.00	13.66
		165	5825		14.00	13.68
	802.11n HT20	149	5745	MCS0	14.00	13.45
		153	5765		14.00	13.49
		157	5785		14.00	13.51
		161	5805		14.00	13.46
		165	5825		14.00	13.53
	802.11n HT40	151	5755	MCS0	14.00	13.72
		159	5795		14.00	13.87
	802.11ac VHT20	149	5745	MCS0	14.00	13.46
		153	5765		14.00	13.50
		157	5785		14.00	13.45
		161	5805		14.00	13.49
		165	5825		14.00	13.51
	802.11ac VHT40	151	5755	MCS0	14.00	13.86
		159	5795		14.00	13.91
	802.11ac VHT80	155	5775	MCS0	14.00	13.56

Receiver off & Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.8G	802.11a	149	5745	6	19.00	18.43
		153	5765		19.00	18.56
		157	5785		19.00	18.52
		161	5805		19.00	18.60
		165	5825		19.00	18.71
	802.11n HT20	149	5745	MCS0	19.00	18.73
		153	5765		19.00	18.75
		157	5785		19.00	18.76
		161	5805		19.00	18.62
		165	5825		19.00	18.65
	802.11n HT40	151	5755	MCS0	18.00	17.52
		159	5795		18.00	17.67
	802.11ac VHT20	149	5745	MCS0	19.00	18.77
		153	5765		19.00	18.81
		157	5785		19.00	18.53
		161	5805		19.00	18.51
		165	5825		19.00	18.66
	802.11ac VHT40	151	5755	MCS0	18.00	17.57
		159	5795		18.00	17.64
	802.11ac VHT80	155	5775	MCS0	15.00	14.56

Note:

- 1) The Average conducted power of WiFi 5.8G is measured with RMS detector.
- 2) The tested channels are marks in bold.