Appendix F. Conducted Power Measurement Result

1. Conducted power measurement results of GSM850

Down Antenna

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)		33.50	32.97	**32.99**	32.91	24.31	23.78	23.80	23.72
GPRS/ EDGE (GMSK)	1 Tx Slot	34.00	32.97	32.99	32.91	24.81	23.78	23.80	23.72
	2 Tx Slot	31.50	30.63	**30.65**	30.56	25.37	24.50	24.52	24.43
	3 Tx Slot	29.00	28.26	28.16	27.89	24.58	23.84	23.74	23.47
	4 Tx Slot	28.50	27.32	27.33	27.12	25.32	24.14	24.15	23.94
EDGE (8PSK)	1 Tx Slot	27.00	26.49	26.42	26.05	17.81	17.30	17.23	16.86
	2 Tx Slot	25.00	24.66	24.67	24.39	18.87	18.53	18.54	18.26
	3 Tx Slot	24.00	23.56	23.49	23.11	19.58	19.14	19.07	18.69
	4 Tx Slot	23.50	22.88	22.78	22.46	20.32	19.70	19.60	19.28

Up Antenna

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)		33.50	**33.15**	**33.19**	**33.01**	24.31	23.96	24.00	23.82
GPRS/ EDGE (GMSK)	1 Tx Slot	34.00	33.15	33.19	33.01	24.81	23.96	24.00	23.82
	2 Tx Slot	31.50	30.63	**30.72**	30.41	25.37	24.50	24.59	24.28
	3 Tx Slot	29.00	28.30	28.16	27.81	24.58	23.88	23.74	23.39
	4 Tx Slot	28.50	27.33	27.29	27.05	25.32	24.15	24.11	23.87
EDGE (8PSK)	1 Tx Slot	27.00	26.49	26.54	26.27	17.81	17.30	17.35	17.08
	2 Tx Slot	25.00	24.97	24.86	24.61	18.87	18.84	18.73	18.48
	3 Tx Slot	24.00	23.84	23.78	23.33	19.58	19.42	19.36	18.91
	4 Tx Slot	23.50	22.92	22.76	22.53	20.32	19.74	19.58	19.35

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 measurement results of GSM1900

Down Antenna

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	29.58	**29.74**	29.72	21.81	20.39	20.55	20.53
GPRS/ EDGE (GMSK)	1 Tx Slot	30.50	29.58	29.74	29.72	21.31	20.39	20.55	20.53
	2 Tx Slot	27.54	25.62	25.72	25.56	21.41	19.49	19.59	19.43
	3 Tx Slot	26.00	24.85	25.06	24.86	21.58	20.43	20.64	20.44
	4 Tx Slot	25.00	23.67	**23.92**	23.79	21.82	20.49	20.74	20.61
EDGE (8PSK)	1 Tx Slot	25.50	24.43	24.66	24.53	16.31	15.24	15.47	15.34
	2 Tx Slot	24.00	23.36	23.57	23.46	17.87	17.23	17.44	17.33
	3 Tx Slot	23.00	22.12	22.30	22.09	18.58	17.70	17.88	17.67
	4 Tx Slot	21.50	20.39	20.57	20.43	18.32	17.21	17.39	17.25

Up Antenna_Receiver on

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)		29.00	27.92	**28.23**	27.97	19.81	18.73	19.04	18.78
GPRS/ EDGE (GMSK)	1 Tx Slot	28.50	27.92	28.23	27.97	19.31	18.73	19.04	18.78
	2 Tx Slot	25.54	24.94	25.22	24.96	19.41	18.81	19.09	18.83
	3 Tx Slot	24.00	23.37	23.62	23.39	19.58	18.95	19.20	18.97
	4 Tx Slot	23.00	22.23	22.41	22.28	19.82	19.05	19.23	19.10
EDGE (8PSK)	1 Tx Slot	23.50	23.44	23.48	23.43	14.31	14.25	14.29	14.24
	2 Tx Slot	22.00	21.97	21.96	21.92	15.87	15.84	15.83	15.79
	3 Tx Slot	21.00	20.65	20.84	20.67	16.58	16.23	16.42	16.25
	4 Tx Slot	19.50	18.76	19.12	18.87	16.32	15.58	15.94	15.69

Up Antenna_Receiver off & Hotspot & Specific 10g SAR

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	30.40	**30.54**	30.46	21.81	21.21	21.35	21.27
GPRS/ EDGE (GMSK)	1 Tx Slot	30.50	30.40	30.43	30.46	21.31	21.21	21.24	21.27
	2 Tx Slot	27.54	26.19	26.45	26.21	21.41	20.06	20.32	20.08
	3 Tx Slot	26.00	25.47	25.71	25.45	21.58	21.05	21.29	21.03
	4 Tx Slot	25.00	**24.35**	**24.56**	**24.32**	21.82	21.17	21.38	21.14
EDGE (8PSK)	1 Tx Slot	25.50	24.98	25.12	24.95	16.31	15.79	15.93	15.76
	2 Tx Slot	24.00	23.83	23.90	23.70	17.87	17.70	17.77	17.57
	3 Tx Slot	23.00	22.43	22.58	22.48	18.58	18.01	18.16	18.06
	4 Tx Slot	21.50	21.05	21.01	20.86	18.32	17.87	17.83	17.68

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 measurement results of UMTS B2

Down Antenna_Receiver on & Receiver off

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	24.50	22.58	22.67	22.56
RMC 12.2K	24.50	22.58	**22.67**	22.56
HSDPA Subtest-1	23.00	21.57	21.66	21.56
HSDPA Subtest-2	23.00	21.56	21.67	21.55
HSDPA Subtest-3	22.50	21.06	21.17	21.04
HSDPA Subtest-4	22.50	21.05	21.13	21.01
HSUPA Subtest-1	22.00	20.86	21.01	20.91
HSUPA Subtest-2	21.00	19.53	19.63	19.56
HSUPA Subtest-3	22.00	20.49	20.61	20.57
HSUPA Subtest-4	21.00	19.58	19.69	19.63
HSUPA Subtest-5	23.00	21.58	21.69	21.56
DC-HSDPA Subtest-1	23.00	21.57	21.66	21.56
DC-HSDPA Subtest-2	23.00	21.56	21.67	21.55
DC-HSDPA Subtest-3	22.50	21.06	21.17	21.04
DC-HSDPA Subtest-4	22.50	21.05	21.13	21.01

Down Antenna_Hotspot & Specific 10g SAR

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	21.62	21.67	21.47
RMC 12.2K	22.50	21.62	**21.67**	21.47
HSDPA Subtest-1	21.00	20.55	20.57	20.50
HSDPA Subtest-2	21.00	20.52	20.60	20.48
HSDPA Subtest-3	20.50	19.99	20.11	20.00
HSDPA Subtest-4	20.50	20.01	20.15	20.03
HSUPA Subtest-1	20.00	19.67	19.42	19.65
HSUPA Subtest-2	19.00	18.50	18.58	18.55
HSUPA Subtest-3	20.00	19.43	19.52	19.44
HSUPA Subtest-4	19.00	18.43	18.52	18.40
HSUPA Subtest-5	21.00	20.46	20.57	20.43
DC-HSDPA Subtest-1	21.00	20.55	20.57	20.50
DC-HSDPA Subtest-2	21.00	20.52	20.60	20.48
DC-HSDPA Subtest-3	20.50	19.99	20.11	20.00
DC-HSDPA Subtest-4	20.50	20.01	20.15	20.03

Up Antenna_Receiver on

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	19.00	18.23	18.41	18.30
RMC 12.2K	19.00	18.23	**18.41**	18.30
HSDPA Subtest-1	17.50	17.26	17.37	17.32
HSDPA Subtest-2	17.50	17.32	17.43	17.30
HSDPA Subtest-3	17.00	16.79	16.88	16.78
HSDPA Subtest-4	17.00	16.82	16.91	16.80
HSUPA Subtest-1	16.50	16.16	15.79	16.06
HSUPA Subtest-2	15.50	15.29	15.41	15.27
HSUPA Subtest-3	16.50	16.31	16.33	16.19
HSUPA Subtest-4	15.50	15.06	15.33	15.31
HSUPA Subtest-5	17.50	17.23	17.44	17.20
DC-HSDPA Subtest-1	17.50	17.26	17.37	17.32
DC-HSDPA Subtest-2	17.50	17.32	17.43	17.30
DC-HSDPA Subtest-3	17.00	16.79	16.88	16.78
DC-HSDPA Subtest-4	17.00	16.82	16.91	16.80

Up Antenna_Receiver off

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	24.50	23.31	23.45	23.36
RMC 12.2K	24.50	23.31	**23.45**	23.36
HSDPA Subtest-1	23.00	22.27	22.39	22.46
HSDPA Subtest-2	23.00	22.27	22.41	22.30
HSDPA Subtest-3	22.50	21.72	21.89	21.88
HSDPA Subtest-4	22.50	21.77	21.88	21.80
HSUPA Subtest-1	22.00	21.58	21.72	21.66
HSUPA Subtest-2	21.00	20.33	20.48	20.37
HSUPA Subtest-3	22.00	21.07	21.21	21.14
HSUPA Subtest-4	21.00	20.25	20.40	20.23
HSUPA Subtest-5	23.00	22.25	22.47	22.36
DC-HSDPA Subtest-1	23.00	22.27	22.39	22.46
DC-HSDPA Subtest-2	23.00	22.27	22.41	22.30
DC-HSDPA Subtest-3	22.50	21.72	21.89	21.88
DC-HSDPA Subtest-4	22.50	21.77	21.88	21.80

Up Antenna_Hotspot & Specific 10g SAR

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	20.25	20.37	20.20
RMC 12.2K	21.00	20.25	**20.37**	20.20
HSDPA Subtest-1	19.50	19.23	19.38	19.23
HSDPA Subtest-2	19.50	19.17	19.37	19.19
HSDPA Subtest-3	19.00	18.70	18.79	18.69
HSDPA Subtest-4	19.00	18.71	18.79	18.77
HSUPA Subtest-1	18.50	18.38	18.49	18.34
HSUPA Subtest-2	17.50	17.20	17.36	17.17
HSUPA Subtest-3	18.50	18.40	18.31	18.18
HSUPA Subtest-4	17.50	17.22	17.34	17.18
HSUPA Subtest-5	19.50	19.23	19.34	19.21
DC-HSDPA Subtest-1	19.50	19.23	19.38	19.23
DC-HSDPA Subtest-2	19.50	19.17	19.37	19.19
DC-HSDPA Subtest-3	19.00	18.70	18.79	18.69
DC-HSDPA Subtest-4	19.00	18.71	18.79	18.77

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 ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of 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 measurement results of UMTS B4

Down Antenna_Receiver on & Receiver off

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	24.50	22.92	23.01	22.82
RMC 12.2K	24.50	22.92	**23.01**	22.82
HSDPA Subtest-1	23.50	21.97	21.91	21.82
HSDPA Subtest-2	23.50	21.95	21.89	21.81
HSDPA Subtest-3	23.00	21.46	21.41	21.31
HSDPA Subtest-4	23.00	21.42	21.39	21.29
HSUPA Subtest-1	23.50	21.56	21.66	21.61
HSUPA Subtest-2	21.50	19.87	19.96	19.92
HSUPA Subtest-3	22.50	20.88	20.87	20.68
HSUPA Subtest-4	21.50	19.98	19.95	19.87
HSUPA Subtest-5	23.50	21.99	21.94	21.84
DC-HSDPA Subtest-1	23.50	21.97	21.91	21.82
DC-HSDPA Subtest-2	23.50	21.95	21.89	21.81
DC-HSDPA Subtest-3	23.00	21.46	21.41	21.31
DC-HSDPA Subtest-4	23.00	21.42	21.39	21.29

Down Antenna_Hotspot & Specific 10g SAR

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	22.50	21.93	21.98	21.73
RMC 12.2K	22.50	21.93	**21.98**	21.73
HSDPA Subtest-1	21.50	20.93	20.88	20.73
HSDPA Subtest-2	21.50	20.99	20.93	20.73
HSDPA Subtest-3	21.00	20.52	20.35	20.20
HSDPA Subtest-4	21.00	20.61	20.42	20.30
HSUPA Subtest-1	21.50	20.78	20.77	20.49
HSUPA Subtest-2	19.50	19.02	18.97	18.73
HSUPA Subtest-3	20.50	19.88	19.83	19.57
HSUPA Subtest-4	19.50	18.91	19.03	18.84
HSUPA Subtest-5	21.50	20.95	20.88	20.80
DC-HSDPA Subtest-1	21.50	20.93	20.88	20.73
DC-HSDPA Subtest-2	21.50	20.99	20.93	20.73
DC-HSDPA Subtest-3	21.00	20.52	20.35	20.20
DC-HSDPA Subtest-4	21.00	20.61	20.42	20.30

Up 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	17.50	17.05	17.14	16.82
RMC 12.2K	17.50	17.05	**17.14**	16.82
HSDPA Subtest-1	16.50	16.08	16.11	15.90
HSDPA Subtest-2	16.50	16.08	16.17	15.93
HSDPA Subtest-3	16.00	15.64	15.65	15.45
HSDPA Subtest-4	16.00	15.65	15.66	15.41
HSUPA Subtest-1	16.50	16.11	16.14	15.94
HSUPA Subtest-2	14.50	14.18	14.11	14.02
HSUPA Subtest-3	15.50	15.09	15.12	14.98
HSUPA Subtest-4	14.50	14.10	14.16	13.94
HSUPA Subtest-5	16.50	16.12	16.15	15.96
DC-HSDPA Subtest-1	16.50	16.08	16.11	15.90
DC-HSDPA Subtest-2	16.50	16.08	16.17	15.93
DC-HSDPA Subtest-3	16.00	15.64	15.65	15.45
DC-HSDPA Subtest-4	16.00	15.65	15.66	15.41

Up Antenna_Receiver off

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	25.30	23.56	23.33	23.41
RMC 12.2K	25.30	**23.56**	23.33	23.41
HSDPA Subtest-1	24.30	22.52	22.74	22.43
HSDPA Subtest-2	24.30	22.50	22.70	22.52
HSDPA Subtest-3	23.80	21.98	22.02	21.91
HSDPA Subtest-4	23.80	22.01	22.02	22.01
HSUPA Subtest-1	24.30	22.34	22.37	22.30
HSUPA Subtest-2	22.30	20.48	20.53	20.50
HSUPA Subtest-3	23.30	21.58	21.69	21.56
HSUPA Subtest-4	22.30	20.51	20.56	20.48
HSUPA Subtest-5	24.30	22.38	22.56	22.47
DC-HSDPA Subtest-1	24.30	22.52	22.74	22.43
DC-HSDPA Subtest-2	24.30	22.50	22.70	22.52
DC-HSDPA Subtest-3	23.80	21.98	22.02	21.91
DC-HSDPA Subtest-4	23.80	22.01	22.02	22.01

Up Antenna_Hotspot & Specific 10g SAR

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	21.00	20.55	20.51	20.35
RMC 12.2K	21.00	**20.55**	**20.51**	**20.35**
HSDPA Subtest-1	20.00	19.59	19.61	19.39
HSDPA Subtest-2	20.00	19.58	19.53	19.37
HSDPA Subtest-3	19.50	19.17	19.18	18.88
HSDPA Subtest-4	19.50	19.09	19.03	18.86
HSUPA Subtest-1	20.00	19.54	19.55	19.38
HSUPA Subtest-2	18.00	17.57	17.58	17.49
HSUPA Subtest-3	19.00	18.57	18.66	18.41
HSUPA Subtest-4	18.00	17.45	17.58	17.39
HSUPA Subtest-5	20.00	19.70	19.60	19.42
DC-HSDPA Subtest-1	20.00	19.59	19.61	19.39
DC-HSDPA Subtest-2	20.00	19.58	19.53	19.37
DC-HSDPA Subtest-3	19.50	19.17	19.18	18.88
DC-HSDPA Subtest-4	19.50	19.09	19.03	18.86

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 ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of 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 measurement results of UMTS B5

Down Antenna

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	24.50	22.59	22.81	22.56
RMC 12.2K	24.50	22.59	**22.81**	22.56
HSDPA Subtest-1	23.00	21.80	21.59	21.53
HSDPA Subtest-2	23.00	21.79	21.56	21.52
HSDPA Subtest-3	22.50	21.30	21.09	21.05
HSDPA Subtest-4	22.50	21.29	21.07	21.01
HSUPA Subtest-1	22.50	21.06	20.88	20.87
HSUPA Subtest-2	21.50	19.51	19.58	19.53
HSUPA Subtest-3	22.00	20.63	20.49	20.43
HSUPA Subtest-4	21.50	19.79	19.55	19.52
HSUPA Subtest-5	23.00	21.73	21.62	21.58
DC-HSDPA Subtest-1	23.00	21.80	21.59	21.53
DC-HSDPA Subtest-2	23.00	21.79	21.56	21.52
DC-HSDPA Subtest-3	22.50	21.30	21.09	21.05
DC-HSDPA Subtest-4	22.50	21.29	21.07	21.01

Up 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	23.00	22.22	21.97	22.09
RMC 12.2K	23.00	22.22	21.97	**22.09**
HSDPA Subtest-1	21.50	21.29	20.98	21.03
HSDPA Subtest-2	21.50	21.33	21.03	21.10
HSDPA Subtest-3	21.00	20.78	20.52	20.55
HSDPA Subtest-4	21.00	20.79	20.45	20.58
HSUPA Subtest-1	21.00	20.64	20.37	20.47
HSUPA Subtest-2	20.00	19.25	18.97	19.03
HSUPA Subtest-3	20.50	20.14	19.95	19.98
HSUPA Subtest-4	20.00	19.30	19.02	19.05
HSUPA Subtest-5	21.50	21.23	20.97	21.08
DC-HSDPA Subtest-1	21.50	21.29	20.98	21.03
DC-HSDPA Subtest-2	21.50	21.33	21.03	21.10
DC-HSDPA Subtest-3	21.00	20.78	20.52	20.55
DC-HSDPA Subtest-4	21.00	20.79	20.45	20.58

Up Antenna_Receiver off & Hotspot & Specific 10g SAR

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	24.50	23.29	23.06	22.95
RMC 12.2K	24.50	**23.29**	23.06	22.95
HSDPA Subtest-1	23.00	22.38	22.06	22.05
HSDPA Subtest-2	23.00	22.28	22.00	22.01
HSDPA Subtest-3	22.50	21.81	21.50	21.48
HSDPA Subtest-4	22.50	21.77	21.52	21.47
HSUPA Subtest-1	22.50	21.38	21.40	21.43
HSUPA Subtest-2	21.50	20.08	20.03	19.98
HSUPA Subtest-3	22.00	21.00	21.08	21.04
HSUPA Subtest-4	21.50	19.98	20.04	20.01
HSUPA Subtest-5	23.00	22.30	22.04	21.99
DC-HSDPA Subtest-1	23.00	22.38	22.06	22.05
DC-HSDPA Subtest-2	23.00	22.28	22.00	22.01
DC-HSDPA Subtest-3	22.50	21.81	21.50	21.48
DC-HSDPA Subtest-4	22.50	21.77	21.52	21.47

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 ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of 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) The receiver on/off power of UMTS B5 Down Antenna and Up Antenna are the same.

6. Conducted power measurement results of LTE B2

Down Antenna

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/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)		
			18607/ 1850.7	18900/ 1880	19193/ 1909.3				18615/ 1851.5	18900/ 1880	19185/ 1908.5
QPSK	1/0	24.00	23.16	23.28	23.34	QPSK	1/0	24.00	23.15	23.16	23.26
	1/2	24.00	23.16	23.33	23.24		1/7	24.00	23.10	23.12	23.31
	1/5	24.00	23.12	23.34	23.22		1/14	24.00	23.04	23.19	23.27
	3/0	24.00	23.10	23.26	23.18		8/0	23.00	21.60	21.84	21.77
	3/1	24.00	23.11	23.27	23.21		8/3	23.00	21.57	21.83	21.78
	3/3	24.00	23.10	23.32	23.19		8/7	23.00	21.58	21.87	21.77
	6/0	23.00	22.10	22.20	22.13		15/0	23.00	21.57	21.77	21.74
16QAM	1/0	23.00	22.28	22.71	22.03	16QAM	1/0	23.00	22.20	21.96	21.67
	1/2	23.00	22.28	22.71	22.21		1/7	23.00	22.13	21.87	21.55
	1/5	23.00	22.30	22.74	22.02		1/14	23.00	22.10	21.84	21.43
	3/0	23.00	22.16	22.46	21.89		8/0	22.00	20.35	20.37	20.21
	3/1	23.00	22.18	22.49	21.93		8/3	22.00	20.35	20.35	20.45
	3/3	23.00	22.19	22.50	21.90		8/7	22.00	20.31	20.39	20.42
	6/0	22.00	21.31	21.19	21.05		15/0	22.00	20.28	20.24	20.37
64QAM	1/0	22.00	21.11	21.43	20.65	64QAM	1/0	22.00	20.73	21.15	21.08
	1/2	22.00	21.13	21.53	20.63		1/7	22.00	20.82	21.07	21.09
	1/5	22.00	21.13	21.48	20.63		1/14	22.00	20.74	21.06	21.04
	3/0	22.00	20.85	21.43	20.31		8/0	21.00	19.64	19.73	19.79
	3/1	22.00	20.89	21.48	20.39		8/3	21.00	19.65	19.71	19.82
	3/3	22.00	20.86	21.48	20.33		8/7	21.00	19.66	19.73	19.72
	6/0	21.00	20.50	20.55	19.94		15/0	21.00	19.63	19.78	19.68

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/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)		
			18625/ 1852.5	18900/ 1880	19175/ 1907.5				18650/ 1855	18900/ 1880	19150/ 1905
QPSK	1/0	24.00	23.06	23.31	23.07	QPSK	1/0	24.00	23.12	23.37	23.23
	1/12	24.00	23.16	23.17	23.19		1/24	24.00	23.07	23.27	23.26
	1/24	24.00	23.18	23.07	23.16		1/49	24.00	23.25	23.19	23.32
	12/0	23.00	21.68	21.79	21.69		25/0	23.00	21.54	21.78	21.66
	12/6	23.00	21.63	21.70	21.68		25/12	23.00	21.58	21.70	21.72
	12/13	23.00	21.61	21.77	21.66		25/25	23.00	21.63	21.74	21.69
	25/0	23.00	21.64	21.72	21.70		50/0	23.00	21.63	21.69	21.77
16QAM	1/0	23.00	21.88	22.39	22.47	16QAM	1/0	23.00	22.08	22.65	22.18
	1/12	23.00	21.78	22.29	22.30		1/24	23.00	21.95	22.43	22.00
	1/24	23.00	21.83	22.25	22.24		1/49	23.00	22.10	22.57	22.03
	12/0	22.00	20.35	20.72	20.48		25/0	22.00	20.47	20.70	20.64
	12/6	22.00	20.26	20.61	20.44		25/12	22.00	20.51	20.58	20.68
	12/13	22.00	20.24	20.68	20.44		25/25	22.00	20.55	20.62	20.58
	25/0	22.00	20.16	20.36	20.43		50/0	22.00	20.45	20.58	20.63
64QAM	1/0	22.00	20.67	21.35	21.21	64QAM	1/0	22.00	21.08	21.10	21.12
	1/12	22.00	20.61	21.27	21.07		1/24	22.00	20.95	20.91	21.00
	1/24	22.00	20.62	21.17	21.03		1/49	22.00	21.16	21.13	20.98
	12/0	21.00	19.73	19.83	19.85		25/0	21.00	19.60	19.91	19.74
	12/6	21.00	19.70	19.75	19.82		25/12	21.00	19.64	19.80	19.79
	12/13	21.00	19.66	19.79	19.76		25/25	21.00	19.69	19.86	19.75
	25/0	21.00	19.67	19.77	19.79		50/0	21.00	19.63	19.83	19.76

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/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)		
			18675/ 1857.5	18900/ 1880	19125/ 1902.5				18700/ 1860	18900/ 1880	19100/ 1900
QPSK	1/0	24.00	23.14	23.35	23.24	QPSK	1/0	24.00	**23.24**	**23.39**	**23.30**
	1/37	24.00	22.94	23.32	23.21		1/50	24.00	23.19	23.21	23.19
	1/74	24.00	23.24	23.20	23.27		1/99	24.00	22.99	23.02	22.94
	36/0	23.00	21.56	21.44	21.77		50/0	23.00	21.34	**21.63**	21.48
	36/19	23.00	21.57	21.72	21.76		50/25	23.00	21.44	21.56	21.63
	36/39	23.00	21.53	21.79	21.74		50/50	23.00	21.29	21.48	21.42
	75/0	23.00	21.51	21.81	21.80		100/0	23.00	21.41	21.49	**21.58**
16QAM	1/0	23.00	21.96	22.66	22.68	16QAM	1/0	23.00	21.45	22.36	22.44
	1/37	23.00	21.78	22.48	22.39		1/50	23.00	21.40	21.25	22.33
	1/74	23.00	21.99	22.64	22.49		1/99	23.00	21.32	21.98	22.04
	36/0	22.00	20.37	20.64	20.57		50/0	22.00	20.03	20.43	20.56
	36/19	22.00	20.39	20.59	20.54		50/25	22.00	20.11	20.11	20.47
	36/39	22.00	20.35	20.64	20.49		50/50	22.00	20.05	20.39	20.25
	75/0	22.00	20.36	20.61	20.55		100/0	22.00	20.46	20.33	20.45
64QAM	1/0	22.00	21.13	21.79	21.59	64QAM	1/0	22.00	21.15	21.59	21.32
	1/37	22.00	20.91	21.68	21.28		1/50	22.00	21.12	20.33	21.24
	1/74	22.00	21.09	21.86	21.37		1/99	22.00	20.96	21.42	20.91
	36/0	21.00	19.81	19.86	20.04		50/0	21.00	19.82	20.03	20.11
	36/19	21.00	19.82	19.99	20.03		50/25	21.00	19.89	19.99	20.08
	36/39	21.00	19.76	20.01	19.98		50/50	21.00	19.73	19.94	19.87
	75/0	21.00	19.72	20.08	19.98		100/0	21.00	19.82	19.91	20.01

Up Antenna_Receiver on

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/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)		
			18607/ 1850.7	18900/ 1880	19193/ 1909.3				18615/ 1851.5	18900/ 1880	19185/ 1908.5
QPSK	1/0	18.00	17.48	17.50	17.48	QPSK	1/0	18.00	17.53	17.65	17.58
	1/2	18.00	17.54	17.69	17.52		1/7	18.00	17.56	17.85	17.54
	1/5	18.00	17.47	17.60	17.50		1/14	18.00	17.49	17.61	17.51
	3/0	18.00	17.47	17.50	17.49		8/0	18.00	17.53	17.54	17.54
	3/1	18.00	17.47	17.63	17.54		8/3	18.00	17.54	17.62	17.54
	3/3	18.00	17.46	17.56	17.49		8/7	18.00	17.51	17.56	17.50
	6/0	18.00	17.43	17.57	17.46		15/0	18.00	17.54	17.61	17.51
16QAM	1/0	18.00	17.61	17.91	17.57	16QAM	1/0	18.00	17.49	17.84	17.69
	1/2	18.00	17.67	17.91	17.56		1/7	18.00	17.47	17.75	17.62
	1/5	18.00	17.61	17.89	17.58		1/14	18.00	17.43	17.83	17.55
	3/0	18.00	17.52	17.77	17.70		8/0	18.00	17.65	17.65	17.59
	3/1	18.00	17.57	17.89	17.74		8/3	18.00	17.66	17.73	17.59
	3/3	18.00	17.55	17.78	17.70		8/7	18.00	17.62	17.70	17.54
	6/0	18.00	17.64	17.51	17.69		15/0	18.00	17.56	17.65	17.48
64QAM	1/0	18.00	17.73	17.79	17.62	64QAM	1/0	18.00	17.86	17.66	17.78
	1/2	18.00	17.72	17.79	17.65		1/7	18.00	17.89	17.78	17.85
	1/5	18.00	17.75	17.79	17.56		1/14	18.00	17.76	17.64	17.87
	3/0	18.00	17.41	17.87	17.64		8/0	18.00	17.56	17.60	17.59
	3/1	18.00	17.47	17.78	17.67		8/3	18.00	17.57	17.66	17.62
	3/3	18.00	17.47	17.90	17.63		8/7	18.00	17.54	17.63	17.59
	6/0	18.00	17.57	17.57	17.80		15/0	18.00	17.48	17.67	17.54

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/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)		
			18625/ 1852.5	18900/ 1880	19175/ 1907.5				18650/ 1855	18900/ 1880	19150/ 1905
QPSK	1/0	18.00	17.73	17.76	17.63	QPSK	1/0	18.00	17.63	17.71	17.66
	1/12	18.00	17.61	17.71	17.55		1/24	18.00	17.54	17.63	17.53
	1/24	18.00	17.66	17.62	17.54		1/49	18.00	17.65	17.73	17.60
	12/0	18.00	17.61	17.59	17.64		25/0	18.00	17.48	17.56	17.53
	12/6	18.00	17.55	17.65	17.53		25/12	18.00	17.56	17.59	17.46
	12/13	18.00	17.51	17.60	17.51		25/25	18.00	17.49	17.50	17.51
	25/0	18.00	17.54	17.66	17.56		50/0	18.00	17.54	17.59	17.60
16QAM	1/0	18.00	17.83	17.90	17.82	16QAM	1/0	18.00	17.61	17.86	17.71
	1/12	18.00	17.74	17.85	17.75		1/24	18.00	17.60	17.88	17.60
	1/24	18.00	17.79	17.75	17.69		1/49	18.00	17.61	17.89	17.63
	12/0	18.00	17.66	17.76	17.72		25/0	18.00	17.48	17.63	17.66
	12/6	18.00	17.60	17.79	17.64		25/12	18.00	17.52	17.63	17.56
	12/13	18.00	17.60	17.75	17.59		25/25	18.00	17.49	17.53	17.60
	25/0	18.00	17.54	17.73	17.51		50/0	18.00	17.51	17.64	17.62
64QAM	1/0	18.00	17.59	17.89	17.87	64QAM	1/0	18.00	17.83	17.82	17.89
	1/12	18.00	17.49	17.89	17.78		1/24	18.00	17.77	17.84	17.73
	1/24	18.00	17.53	17.91	17.79		1/49	18.00	17.83	17.91	17.79
	12/0	18.00	17.62	17.56	17.68		25/0	18.00	17.52	17.64	17.59
	12/6	18.00	17.56	17.58	17.59		25/12	18.00	17.57	17.66	17.52
	12/13	18.00	17.54	17.51	17.56		25/25	18.00	17.51	17.63	17.60
	25/0	18.00	17.51	17.62	17.57		50/0	18.00	17.54	17.66	17.58

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/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)		
			18675/ 1857.5	18900/ 1880	19125/ 1902.5				18700/ 1860	18900/ 1880	19100/ 1900
QPSK	1/0	18.00	17.52	17.80	17.75	QPSK	1/0	18.00	17.86	17.84	17.86
	1/37	18.00	17.40	17.61	17.53		1/50	18.00	17.85	**17.92**	17.76
	1/74	18.00	17.50	17.67	17.66		1/99	18.00	17.88	17.73	17.91
	36/0	18.00	17.42	17.67	17.55		50/0	18.00	17.41	**17.67**	17.57
	36/19	18.00	17.41	17.57	17.61		50/25	18.00	17.45	17.66	17.58
	36/39	18.00	17.35	17.62	17.53		50/50	18.00	17.28	17.47	17.39
	75/0	18.00	17.34	17.60	17.58		100/0	18.00	17.37	17.55	17.50
16QAM	1/0	18.00	17.78	17.82	17.73	16QAM	1/0	18.00	17.73	17.76	17.70
	1/37	18.00	17.68	17.74	17.57		1/50	18.00	17.74	17.34	17.80
	1/74	18.00	17.77	17.78	17.60		1/99	18.00	17.76	17.81	17.65
	36/0	18.00	17.51	17.78	17.57		50/0	18.00	17.43	17.62	17.57
	36/19	18.00	17.46	17.50	17.63		50/25	18.00	17.50	17.61	17.55
	36/39	18.00	17.43	17.52	17.57		50/50	18.00	17.34	17.45	17.35
	75/0	18.00	17.39	17.59	17.58		100/0	18.00	17.37	17.55	17.51
64QAM	1/0	18.00	17.83	17.79	17.86	64QAM	1/0	18.00	17.70	17.74	17.85
	1/37	18.00	17.76	17.78	17.67		1/50	18.00	17.77	17.31	17.76
	1/74	18.00	17.89	17.83	17.75		1/99	18.00	17.58	17.77	17.45
	36/0	18.00	17.44	17.83	17.64		50/0	18.00	17.46	17.60	17.61
	36/19	18.00	17.42	17.58	17.69		50/25	18.00	17.50	17.62	17.60
	36/39	18.00	17.38	17.61	17.59		50/50	18.00	17.31	17.46	17.39
	75/0	18.00	17.42	17.58	17.60		100/0	18.00	17.36	17.50	17.51

Up Antenna_Receiver off

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/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)		
			18607/ 1850.7	18900/ 1880	19193/ 1909.3				18615/ 1851.5	18900/ 1880	19185/ 1908.5
QPSK	1/0	24.00	23.63	23.57	23.61	QPSK	1/0	24.00	22.35	22.53	22.60
	1/2	24.00	23.65	23.69	23.59		1/7	24.00	22.36	22.59	22.39
	1/5	24.00	23.60	23.65	23.57		1/14	24.00	22.29	22.52	22.44
	3/0	24.00	23.57	23.59	23.54		8/0	23.00	22.36	22.42	22.40
	3/1	24.00	23.64	23.74	23.55		8/3	23.00	22.37	22.51	22.41
	3/3	24.00	23.58	23.64	23.55		8/7	23.00	22.34	22.46	22.40
	6/0	23.00	22.85	22.94	22.89		15/0	23.00	22.09	22.19	22.12
16QAM	1/0	23.00	21.03	21.13	21.52	16QAM	1/0	23.00	21.47	21.16	21.03
	1/2	23.00	21.02	21.25	21.47		1/7	23.00	21.44	21.22	21.02
	1/5	23.00	21.02	21.18	21.41		1/14	23.00	21.40	21.13	21.03
	3/0	23.00	21.12	21.07	21.27		8/0	22.00	20.89	20.88	20.92
	3/1	23.00	21.21	21.20	21.26		8/3	22.00	20.90	20.96	20.93
	3/3	23.00	21.12	21.15	21.24		8/7	22.00	20.84	20.89	20.91
	6/0	22.00	21.10	21.24	20.92		15/0	22.00	20.81	20.85	20.86
64QAM	1/0	22.00	21.13	21.42	21.15	64QAM	1/0	22.00	21.35	21.14	21.30
	1/2	22.00	21.16	21.58	21.20		1/7	22.00	21.41	21.32	21.21
	1/5	22.00	21.18	21.45	21.07		1/14	22.00	21.26	21.16	21.20
	3/0	22.00	20.89	21.35	21.11		8/0	21.00	20.81	20.85	20.75
	3/1	22.00	20.93	21.44	21.15		8/3	21.00	20.82	20.95	20.77
	3/3	22.00	20.91	21.39	21.08		8/7	21.00	20.78	20.87	20.74
	6/0	21.00	20.75	20.80	20.98		15/0	21.00	20.75	20.92	20.83

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/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)		
			18625/ 1852.5	18900/ 1880	19175/ 1907.5				18650/ 1855	18900/ 1880	19150/ 1905
QPSK	1/0	24.00	23.47	23.58	23.50	QPSK	1/0	24.00	23.56	23.67	23.66
	1/12	24.00	23.32	23.51	23.40		1/24	24.00	23.48	23.66	23.56
	1/24	24.00	23.35	23.41	23.41		1/49	24.00	23.57	23.74	23.64
	12/0	23.00	22.01	22.08	22.15		25/0	23.00	22.03	22.13	22.14
	12/6	23.00	21.96	22.13	22.06		25/12	23.00	22.07	22.18	22.06
	12/13	23.00	21.91	22.08	22.04		25/25	23.00	22.02	22.10	22.11
	25/0	23.00	21.98	22.13	22.06		50/0	23.00	22.08	22.14	22.19
16QAM	1/0	23.00	21.28	21.71	21.25	16QAM	1/0	23.00	21.12	21.15	21.55
	1/12	23.00	21.21	21.68	21.21		1/24	23.00	21.06	21.04	21.51
	1/24	23.00	21.21	21.57	21.11		1/49	23.00	21.09	21.18	21.48
	12/0	22.00	20.91	21.03	21.01		25/0	22.00	20.83	20.85	20.90
	12/6	22.00	20.85	21.07	20.94		25/12	22.00	20.91	20.88	20.83
	12/13	22.00	20.84	21.03	20.88		25/25	22.00	20.84	20.83	20.82
	25/0	22.00	20.82	21.00	20.83		50/0	22.00	20.82	20.87	20.94
64QAM	1/0	22.00	21.02	21.52	21.05	64QAM	1/0	22.00	21.44	21.24	21.33
	1/12	22.00	20.90	21.46	21.04		1/24	22.00	21.34	21.28	21.15
	1/24	22.00	20.96	21.37	20.95		1/49	22.00	21.43	21.31	21.24
	12/0	21.00	20.84	20.82	20.98		25/0	21.00	20.77	20.89	20.89
	12/6	21.00	20.82	20.87	20.91		25/12	21.00	20.79	20.92	20.86
	12/13	21.00	20.75	20.78	20.86		25/25	21.00	20.74	20.88	20.85
	25/0	21.00	20.77	20.88	20.84		50/0	21.00	20.80	20.92	20.85

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/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)		
			18675/ 1857.5	18900/ 1880	19125/ 1902.5				18700/ 1860	18900/ 1880	19100/ 1900
QPSK	1/0	24.00	23.51	23.56	23.57	QPSK	1/0	24.00	23.59	**23.76**	23.70
	1/37	24.00	23.48	23.49	23.52		1/50	24.00	23.45	23.51	23.49
	1/74	24.00	23.61	23.67	23.66		1/99	24.00	23.21	23.15	23.20
	36/0	23.00	22.15	22.14	22.06		50/0	23.00	22.12	22.19	22.15
	36/19	23.00	22.21	22.01	22.07		50/25	23.00	22.16	**22.21**	22.18
	36/39	23.00	22.13	22.03	22.01		50/50	23.00	22.03	22.05	21.97
	75/0	23.00	22.12	22.07	22.04		100/0	23.00	21.97	21.87	21.98
16QAM	1/0	23.00	21.02	21.62	21.71	16QAM	1/0	23.00	21.35	21.54	21.47
	1/37	23.00	21.21	21.47	21.51		1/50	23.00	21.40	21.38	21.41
	1/74	23.00	21.03	21.50	21.49		1/99	23.00	21.23	21.25	21.05
	36/0	22.00	20.71	21.50	20.83		50/0	22.00	20.68	20.88	20.83
	36/19	22.00	20.67	20.87	20.90		50/25	22.00	20.75	20.91	20.83
	36/39	22.00	20.64	20.91	20.81		50/50	22.00	20.60	20.75	20.64
	75/0	22.00	20.63	20.87	20.85		100/0	22.00	20.64	20.83	20.79
64QAM	1/0	22.00	21.31	21.32	21.84	64QAM	1/0	22.00	21.08	21.35	21.70
	1/37	22.00	21.22	21.16	21.68		1/50	22.00	21.11	20.59	21.64
	1/74	22.00	21.27	21.21	21.68		1/99	22.00	20.91	21.07	21.25
	36/0	21.00	20.69	20.01	20.82		50/0	21.00	20.68	20.94	20.88
	36/19	21.00	20.67	20.86	20.90		50/25	21.00	20.71	20.96	20.86
	36/39	21.00	20.63	20.90	20.79		50/50	21.00	20.59	20.77	20.69
	75/0	21.00	20.62	20.86	20.88		100/0	21.00	20.59	20.81	20.76

Up Antenna_Hotspot & Specific 10g SAR

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/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)		
			18607/ 1850.7	18900/ 1880	19193/ 1909.3				18615/ 1851.5	18900/ 1880	19185/ 1908.5
QPSK	1/0	22.50	22.16	22.12	22.14	QPSK	1/0	22.50	22.15	22.21	22.09
	1/2	22.50	22.08	22.10	22.20		1/7	22.50	22.21	22.13	22.12
	1/5	22.50	22.14	22.18	22.10		1/14	22.50	22.10	22.20	22.19
	3/0	22.50	22.14	22.06	22.03		8/0	22.50	21.92	22.05	22.01
	3/1	22.50	22.17	22.13	22.09		8/3	22.50	21.93	22.02	21.99
	3/3	22.50	22.13	22.03	22.07		8/7	22.50	21.87	21.99	21.96
	6/0	22.50	22.07	22.17	22.12		15/0	22.50	21.94	22.02	22.00
16QAM	1/0	22.50	22.14	22.05	22.03	16QAM	1/0	22.50	22.11	22.01	22.10
	1/2	22.50	22.15	22.06	22.05		1/7	22.50	22.10	21.98	22.18
	1/5	22.50	22.17	22.04	21.96		1/14	22.50	22.00	21.91	22.17
	3/0	22.50	22.06	21.98	22.15		8/0	22.50	20.50	20.63	20.55
	3/1	22.50	22.11	22.05	22.14		8/3	22.50	20.52	20.61	20.55
	3/3	22.50	22.06	21.97	22.11		8/7	22.50	20.63	20.56	20.67
	6/0	22.50	21.96	22.03	21.74		15/0	22.50	20.61	20.54	20.66
64QAM	1/0	22.50	22.06	21.45	22.06	64QAM	1/0	22.50	21.12	20.98	21.11
	1/2	22.50	22.05	21.41	22.15		1/7	22.50	21.14	21.13	21.06
	1/5	22.50	22.10	21.23	22.05		1/14	22.50	21.04	20.95	20.99
	3/0	22.50	22.09	20.94	22.10		8/0	22.50	20.73	20.86	20.75
	3/1	22.50	22.13	21.94	22.12		8/3	22.50	20.75	20.87	20.74
	3/3	22.50	22.09	20.89	22.11		8/7	22.50	20.52	20.60	20.51
	6/0	22.50	21.88	21.84	22.09		15/0	22.50	20.59	20.71	20.73

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/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)		
			18625/ 1852.5	18900/ 1880	19175/ 1907.5				18650/ 1855	18900/ 1880	19150/ 1905
QPSK	1/0	22.50	22.11	22.15	22.10	QPSK	1/0	22.50	22.03	22.10	22.18
	1/12	22.50	21.96	22.03	21.95		1/24	22.50	22.16	22.05	22.00
	1/24	22.50	21.99	22.15	21.97		1/49	22.50	21.93	22.11	21.98
	12/0	22.50	21.99	22.03	22.11		25/0	22.50	21.89	21.99	21.94
	12/6	22.50	21.93	22.05	22.04		25/12	22.50	21.95	21.99	21.95
	12/13	22.50	21.90	22.01	22.01		25/25	22.50	21.97	22.03	21.94
	25/0	22.50	21.97	22.07	22.02		50/0	22.50	21.95	22.01	21.97
16QAM	1/0	22.50	22.16	22.13	22.12	16QAM	1/0	22.50	22.14	22.12	22.12
	1/12	22.50	22.09	22.11	22.05		1/24	22.50	22.16	22.04	22.07
	1/24	22.50	22.09	22.15	22.00		1/49	22.50	22.08	21.97	22.08
	12/0	22.50	20.55	20.63	20.67		25/0	22.50	20.59	20.68	20.70
	12/6	22.50	20.51	20.67	20.55		25/12	22.50	20.60	20.71	20.70
	12/13	22.50	20.79	20.92	20.83		25/25	22.50	20.69	20.74	20.74
	25/0	22.50	20.58	20.75	20.60		50/0	22.50	20.60	20.68	20.66
64QAM	1/0	22.50	21.25	21.35	21.38	64QAM	1/0	22.50	21.51	21.46	21.48
	1/12	22.50	21.11	21.31	21.28		1/24	22.50	21.25	21.20	21.12
	1/24	22.50	21.35	21.25	21.38		1/49	22.50	21.29	21.20	21.19
	12/0	22.50	20.70	20.69	20.86		25/0	22.50	20.70	20.85	20.80
	12/6	22.50	20.69	20.72	20.78		25/12	22.50	20.63	20.74	20.70
	12/13	22.50	20.64	20.67	20.76		25/25	22.50	20.63	20.77	20.66
	25/0	22.50	20.62	20.76	20.75		50/0	22.50	20.61	20.72	20.68

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/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)		
			18675/ 1857.5	18900/ 1880	19125/ 1902.5				18700/ 1860	18900/ 1880	19100/ 1900
QPSK	1/0	22.50	22.11	22.14	22.12	QPSK	1/0	22.50	22.10	**22.22**	22.18
	1/37	22.50	21.95	22.19	22.16		1/50	22.50	22.10	21.71	22.10
	1/74	22.50	22.06	22.11	22.20		1/99	22.50	21.72	21.87	21.78
	36/0	22.50	21.86	22.11	22.00		50/0	22.50	21.83	21.96	22.03
	36/19	22.50	21.88	22.01	22.00		50/25	22.50	21.94	**22.03**	22.03
	36/39	22.50	21.84	21.95	21.92		50/50	22.50	21.71	21.81	21.85
	75/0	22.50	21.80	21.98	21.99		100/0	22.50	21.85	21.84	21.91
16QAM	1/0	22.50	20.67	21.00	20.79	16QAM	1/0	22.50	21.15	21.13	21.10
	1/37	22.50	20.52	20.81	20.55		1/50	22.50	21.01	21.02	21.06
	1/74	22.50	20.63	20.89	20.63		1/99	22.50	22.06	22.18	22.14
	36/0	22.50	21.00	20.70	21.16		50/0	22.50	20.65	20.57	20.66
	36/19	22.50	20.52	20.71	20.64		50/25	22.50	20.58	20.67	20.65
	36/39	22.50	20.52	20.66	20.56		50/50	22.50	20.52	20.62	20.61
	75/0	22.50	20.52	20.68	20.69		100/0	22.50	20.63	20.62	20.56
64QAM	1/0	22.50	21.14	21.19	21.26	64QAM	1/0	22.50	21.11	21.09	21.04
	1/37	22.50	20.97	20.96	20.64		1/50	22.50	21.33	21.11	21.42
	1/74	22.50	21.10	21.06	21.18		1/99	22.50	21.68	21.35	21.22
	36/0	22.50	20.58	20.68	20.76		50/0	22.50	20.50	20.62	20.77
	36/19	22.50	20.51	20.72	20.64		50/25	22.50	20.64	20.72	20.73
	36/39	22.50	20.54	20.62	20.56		50/50	22.50	20.61	20.70	20.58
	75/0	22.50	20.57	20.71	20.75		100/0	22.50	20.70	20.60	20.63

Note: The tested channels are marks in bold.

7. Conducted power measurement results of LTE B4

Down Antenna

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/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)		
			19957/ 1710.7	20175/ 1732.5	20393/ 1754.3				19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
QPSK	1/0	24.00	22.53	22.65	22.66	QPSK	1/0	24.00	22.55	22.74	22.83
	1/2	24.00	22.60	22.52	22.52		1/7	24.00	22.52	22.47	22.43
	1/5	24.00	22.56	22.41	22.46		1/14	24.00	22.47	22.48	22.47
	3/0	24.00	22.55	22.45	22.43		8/0	23.00	21.63	21.51	21.44
	3/1	24.00	22.58	22.48	22.49		8/3	23.00	21.66	21.54	21.47
	3/3	24.00	22.58	22.39	22.41		8/7	23.00	21.53	21.42	21.44
	6/0	23.00	21.55	21.36	21.40		15/0	23.00	21.55	21.45	21.47
16QAM	1/0	23.00	21.54	21.77	21.99	16QAM	1/0	23.00	21.52	22.09	21.78
	1/2	23.00	21.60	21.64	21.83		1/7	23.00	21.45	21.83	21.44
	1/5	23.00	21.62	21.52	21.79		1/14	23.00	21.41	21.85	21.43
	3/0	23.00	21.73	21.52	21.63		8/0	22.00	20.72	20.63	20.50
	3/1	23.00	21.80	21.55	21.63		8/3	22.00	20.76	20.61	20.53
	3/3	23.00	21.74	21.42	21.60		8/7	22.00	20.62	20.53	20.50
	6/0	22.00	20.75	20.55	20.34		15/0	22.00	20.54	20.47	20.40
64QAM	1/0	22.00	21.06	20.81	20.82	64QAM	1/0	22.00	20.97	20.81	21.01
	1/2	22.00	21.13	20.67	20.65		1/7	22.00	20.92	20.62	20.71
	1/5	22.00	21.04	20.48	20.64		1/14	22.00	20.85	20.54	20.64
	3/0	22.00	21.02	20.61	20.38		8/0	21.00	19.72	19.54	19.38
	3/1	22.00	20.98	20.67	20.43		8/3	21.00	19.70	19.59	19.43
	3/3	22.00	20.91	20.53	20.39		8/7	21.00	19.59	19.42	19.40
	6/0	21.00	19.54	19.67	19.49		15/0	21.00	19.52	19.46	19.51

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/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)		
			19975/ 1712.5	20175/ 1732.5	20375/ 1752.5				20000/ 1715	20175/ 1732.5	20350/ 1750
QPSK	1/0	24.00	22.75	22.84	22.73	QPSK	1/0	24.00	22.70	22.79	22.86
	1/12	24.00	22.63	22.51	22.48		1/24	24.00	22.44	22.46	22.52
	1/24	24.00	22.57	22.58	22.49		1/49	24.00	22.76	22.71	22.72
	12/0	23.00	21.71	21.57	21.60		25/0	23.00	21.59	21.52	21.44
	12/6	23.00	21.59	21.56	21.62		25/12	23.00	21.55	21.47	21.51
	12/13	23.00	21.58	21.45	21.48		25/25	23.00	21.66	21.60	21.59
	25/0	23.00	21.62	21.47	21.49		50/0	23.00	21.57	21.47	21.51
16QAM	1/0	23.00	21.86	22.25	21.84	16QAM	1/0	23.00	21.75	22.19	21.72
	1/12	23.00	21.73	21.98	21.54		1/24	23.00	21.45	21.81	21.43
	1/24	23.00	21.67	21.97	21.58		1/49	23.00	21.73	22.07	21.68
	12/0	22.00	20.77	20.73	20.67		25/0	22.00	20.61	20.52	20.54
	12/6	22.00	20.65	20.68	20.64		25/12	22.00	20.58	20.51	20.59
	12/13	22.00	20.66	20.60	20.53		25/25	22.00	20.68	20.60	20.68
	25/0	22.00	20.60	20.54	20.42		50/0	22.00	20.58	20.53	20.54
64QAM	1/0	22.00	20.71	21.11	21.03	64QAM	1/0	22.00	21.10	20.92	20.99
	1/12	22.00	20.55	20.81	20.72		1/24	22.00	20.85	20.55	20.64
	1/24	22.00	20.47	20.82	20.74		1/49	22.00	21.13	20.82	20.87
	12/0	21.00	19.77	19.48	19.65		25/0	21.00	19.65	19.55	19.51
	12/6	21.00	19.64	19.50	19.61		25/12	21.00	19.63	19.52	19.58
	12/13	21.00	19.64	19.41	19.51		25/25	21.00	19.70	19.63	19.65
	25/0	21.00	19.58	19.44	19.48		50/0	21.00	19.60	19.52	19.53

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/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)		
			20025/ 1717.5	20175/ 1732.5	20325/ 1747.5				20050/ 1720	20175/ 1732.5	20300/ 1745
QPSK	1/0	24.00	22.87	22.59	22.57	QPSK	1/0	24.00	**22.91**	**22.93**	22.88
	1/37	24.00	22.80	22.77	22.57		1/50	24.00	22.54	22.58	22.59
	1/74	24.00	22.90	22.73	22.71		1/99	24.00	22.82	22.82	**22.92**
	36/0	23.00	21.74	22.82	21.59		50/0	23.00	21.78	**21.73**	21.69
	36/19	23.00	21.73	21.68	21.68		50/25	23.00	**21.79**	21.66	21.68
	36/39	23.00	21.68	21.65	21.70		50/50	23.00	21.77	21.73	**21.72**
	75/0	23.00	21.64	21.63	21.59		100/0	23.00	**21.72**	21.66	21.69
16QAM	1/0	23.00	21.88	22.30	22.25	16QAM	1/0	23.00	22.22	22.09	21.99
	1/37	23.00	21.57	21.99	22.03		1/50	23.00	22.22	21.77	22.00
	1/74	23.00	21.82	22.23	22.26		1/99	23.00	22.30	22.24	22.15
	36/0	22.00	20.74	21.86	20.56		50/0	22.00	20.77	20.70	20.67
	36/19	22.00	20.74	20.76	20.66		50/25	22.00	20.77	20.64	20.66
	36/39	22.00	20.68	20.68	20.71		50/50	22.00	20.77	20.72	20.72
	75/0	22.00	20.64	20.62	20.62		100/0	22.00	20.72	20.67	20.74
64QAM	1/0	22.00	21.25	21.05	21.47	64QAM	1/0	22.00	21.12	21.29	20.83
	1/37	22.00	20.95	20.75	21.19		1/50	22.00	21.08	20.81	20.91
	1/74	22.00	21.18	20.95	21.51		1/99	22.00	21.19	21.45	20.99
	36/0	21.00	19.73	20.95	19.63		50/0	21.00	19.80	19.75	19.69
	36/19	21.00	19.75	19.77	19.71		50/25	21.00	19.85	19.66	19.71
	36/39	21.00	19.68	19.70	19.71		50/50	21.00	19.81	19.73	19.72
	75/0	21.00	19.67	19.63	19.65		100/0	21.00	19.72	19.67	19.74

Up Antenna_Receiver on

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/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)		
			19957/ 1710.7	20175/ 1732.5	20393/ 1754.3				19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
QPSK	1/0	18.00	17.27	17.55	17.49	QPSK	1/0	18.00	17.35	17.56	17.54
	1/2	18.00	17.33	17.32	17.37		1/7	18.00	17.40	17.50	17.20
	1/5	18.00	17.32	17.30	17.25		1/14	18.00	17.27	17.30	17.26
	3/0	18.00	17.33	17.28	17.25		8/0	18.00	17.34	17.30	17.35
	3/1	18.00	17.40	17.33	17.26		8/3	18.00	17.38	17.35	17.29
	3/3	18.00	17.30	17.28	17.25		8/7	18.00	17.36	17.34	17.28
	6/0	18.00	17.29	17.31	17.21		15/0	18.00	17.34	17.30	17.28
16QAM	1/0	18.00	17.36	17.66	17.83	16QAM	1/0	18.00	17.41	17.78	17.61
	1/2	18.00	17.42	17.48	17.68		1/7	18.00	17.39	17.80	17.28
	1/5	18.00	17.40	17.47	17.61		1/14	18.00	17.29	17.75	17.31
	3/0	18.00	17.48	17.36	17.42		8/0	18.00	17.46	17.42	17.36
	3/1	18.00	17.54	17.41	17.44		8/3	18.00	17.50	17.44	17.30
	3/3	18.00	17.51	17.39	17.40		8/7	18.00	17.46	17.40	17.25
	6/0	18.00	17.52	17.43	17.10		15/0	18.00	17.40	17.36	17.22
64QAM	1/0	18.00	17.51	17.84	17.53	64QAM	1/0	18.00	17.73	17.59	17.81
	1/2	18.00	17.52	17.84	17.38		1/7	18.00	17.74	17.50	17.51
	1/5	18.00	17.54	17.69	17.35		1/14	18.00	17.63	17.28	17.49
	3/0	18.00	17.21	17.65	17.36		8/0	18.00	17.41	17.34	17.30
	3/1	18.00	17.28	17.68	17.38		8/3	18.00	17.46	17.39	17.23
	3/3	18.00	17.26	17.59	17.36		8/7	18.00	17.38	17.35	17.23
	6/0	18.00	17.38	17.27	17.50		15/0	18.00	17.35	17.34	17.30

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/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)		
			19975/ 1712.5	20175/ 1732.5	20375/ 1752.5				20000/ 1715	20175/ 1732.5	20350/ 1750
QPSK	1/0	18.00	17.56	17.57	17.76	QPSK	1/0	18.00	17.52	17.54	17.66
	1/12	18.00	17.39	17.36	17.43		1/24	18.00	17.36	17.34	17.39
	1/24	18.00	17.41	17.26	17.38		1/49	18.00	17.63	17.62	17.60
	12/0	18.00	17.40	17.37	17.36		25/0	18.00	17.34	17.31	17.28
	12/6	18.00	17.34	17.37	17.36		25/12	18.00	17.41	17.36	17.36
	12/13	18.00	17.34	17.36	17.37		25/25	18.00	17.37	17.35	17.40
	25/0	18.00	17.35	17.38	17.36		50/0	18.00	17.41	17.40	17.27
16QAM	1/0	18.00	17.72	17.80	17.84	16QAM	1/0	18.00	17.57	17.75	17.66
	1/12	18.00	17.52	17.59	17.87		1/24	18.00	17.44	17.71	17.42
	1/24	18.00	17.52	17.50	17.81		1/49	18.00	17.62	17.73	17.60
	12/0	18.00	17.54	17.45	17.49		25/0	18.00	17.34	17.37	17.39
	12/6	18.00	17.40	17.44	17.44		25/12	18.00	17.41	17.40	17.49
	12/13	18.00	17.38	17.42	17.51		25/25	18.00	17.39	17.37	17.45
	25/0	18.00	17.30	17.36	17.40		50/0	18.00	17.36	17.44	17.33
64QAM	1/0	18.00	17.43	17.78	17.75	64QAM	1/0	18.00	17.89	17.77	17.83
	1/12	18.00	17.31	17.75	17.60		1/24	18.00	17.69	17.46	17.51
	1/24	18.00	17.32	17.60	17.57		1/49	18.00	17.80	17.76	17.70
	12/0	18.00	17.46	17.29	17.43		25/0	18.00	17.38	17.36	17.32
	12/6	18.00	17.38	17.29	17.41		25/12	18.00	17.44	17.43	17.42
	12/13	18.00	17.37	17.29	17.39		25/25	18.00	17.39	17.41	17.46
	25/0	18.00	17.32	17.33	17.37		50/0	18.00	17.41	17.44	17.30

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/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)		
			20025/ 1717.5	20175/ 1732.5	20325/ 1747.5				20050/ 1720	20175/ 1732.5	20300/ 1745
QPSK	1/0	18.00	17.67	17.67	17.69	QPSK	1/0	18.00	17.70	17.73	17.65
	1/37	18.00	17.39	17.51	17.39		1/50	18.00	17.69	17.80	17.60
	1/74	18.00	17.71	17.75	17.68		1/99	18.00	**17.85**	**17.90**	**17.78**
	36/0	18.00	17.45	17.75	17.46		50/0	18.00	17.69	17.69	17.64
	36/19	18.00	17.41	17.47	17.49		50/25	18.00	17.68	17.65	17.69
	36/39	18.00	17.44	17.50	17.46		50/50	18.00	**17.72**	**17.73**	**17.71**
	75/0	18.00	17.41	17.51	17.39		100/0	18.00	**17.70**	17.68	17.61
16QAM	1/0	18.00	17.69	17.76	17.76	16QAM	1/0	18.00	17.68	17.73	17.75
	1/37	18.00	17.40	17.86	17.86		1/50	18.00	17.65	17.54	17.68
	1/74	18.00	17.73	17.83	17.84		1/99	18.00	17.84	17.89	17.84
	36/0	18.00	17.48	17.83	17.41		50/0	18.00	17.52	17.51	17.51
	36/19	18.00	17.45	17.53	17.46		50/25	18.00	17.51	17.49	17.56
	36/39	18.00	17.45	17.53	17.43		50/50	18.00	17.54	17.58	17.58
	75/0	18.00	17.41	17.49	17.39		100/0	18.00	17.53	17.54	17.47
64QAM	1/0	18.00	17.80	17.80	17.52	64QAM	1/0	18.00	17.83	17.88	17.66
	1/37	18.00	17.55	17.63	17.69		1/50	18.00	17.84	17.61	17.63
	1/74	18.00	17.86	17.88	17.82		1/99	18.00	17.74	17.76	17.77
	36/0	18.00	17.52	17.88	17.44		50/0	18.00	17.56	17.49	17.49
	36/19	18.00	17.48	17.46	17.46		50/25	18.00	17.54	17.52	17.53
	36/39	18.00	17.51	17.48	17.43		50/50	18.00	17.61	17.55	17.53
	75/0	18.00	17.46	17.52	17.38		100/0	18.00	17.53	17.48	17.49

Up Antenna_Receiver off

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/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)		
			19957/ 1710.7	20175/ 1732.5	20393/ 1754.3				19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
QPSK	1/0	24.00	23.10	23.24	23.18	QPSK	1/0	24.00	23.06	23.31	23.31
	1/2	24.00	23.16	23.04	23.08		1/7	24.00	23.11	23.12	23.04
	1/5	24.00	23.11	23.00	23.03		1/14	24.00	22.99	23.01	23.04
	3/0	24.00	23.06	22.99	23.01		8/0	23.00	22.15	22.05	22.09
	3/1	24.00	23.12	23.03	23.05		8/3	23.00	22.15	22.09	22.00
	3/3	24.00	23.08	23.00	23.00		8/7	23.00	22.14	22.09	21.98
	6/0	23.00	22.07	22.01	21.96		15/0	23.00	22.17	22.06	21.99
16QAM	1/0	23.00	22.51	22.24	22.25	16QAM	1/0	23.00	22.05	22.66	22.32
	1/2	23.00	22.51	22.07	22.09		1/7	23.00	22.10	22.46	22.02
	1/5	23.00	22.49	22.10	22.09		1/14	23.00	21.93	22.39	22.02
	3/0	23.00	22.29	22.20	21.99		8/0	22.00	21.24	21.17	21.13
	3/1	23.00	22.30	22.24	22.02		8/3	22.00	21.27	21.15	21.05
	3/3	23.00	22.27	22.19	21.99		8/7	22.00	21.26	21.14	21.03
	6/0	22.00	21.02	21.18	21.12		15/0	22.00	21.16	21.09	20.94
64QAM	1/0	22.00	21.34	21.46	21.55	64QAM	1/0	22.00	21.48	21.34	21.57
	1/2	22.00	21.38	21.31	21.48		1/7	22.00	21.53	21.27	21.25
	1/5	22.00	21.18	21.30	21.36		1/14	22.00	21.36	21.07	21.20
	3/0	22.00	21.24	21.01	21.37		8/0	21.00	20.17	20.11	20.03
	3/1	22.00	21.28	21.06	21.38		8/3	21.00	20.23	20.12	19.97
	3/3	22.00	21.26	21.02	21.32		8/7	21.00	20.21	20.10	19.97
	6/0	21.00	20.38	20.12	19.99		15/0	21.00	20.13	20.10	20.03

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/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)		
			19975/ 1712.5	20175/ 1732.5	20375/ 1752.5				20000/ 1715	20175/ 1732.5	20350/ 1750
QPSK	1/0	24.00	23.26	23.33	23.29	QPSK	1/0	24.00	23.21	23.35	23.42
	1/12	24.00	23.12	23.13	23.10		1/24	24.00	23.05	23.10	23.07
	1/24	24.00	23.15	23.09	23.06		1/49	24.00	23.30	23.33	23.37
	12/0	23.00	22.18	22.12	22.10		25/0	23.00	22.10	22.06	22.00
	12/6	23.00	22.07	22.08	22.11		25/12	23.00	22.17	22.11	22.11
	12/13	23.00	22.08	22.10	22.10		25/25	23.00	22.13	22.12	22.14
	25/0	23.00	22.09	22.12	22.09		50/0	23.00	22.17	22.12	22.03
16QAM	1/0	23.00	22.43	22.81	22.44	16QAM	1/0	23.00	22.27	22.77	22.34
	1/12	23.00	22.27	22.60	22.17		1/24	23.00	22.06	22.47	22.06
	1/24	23.00	22.31	22.51	22.14		1/49	23.00	22.30	22.68	22.22
	12/0	22.00	21.30	21.23	21.18		25/0	22.00	21.12	21.07	21.11
	12/6	22.00	21.19	21.21	21.16		25/12	22.00	21.18	21.17	21.20
	12/13	22.00	21.16	21.22	21.13		25/25	22.00	21.16	21.13	21.19
	25/0	22.00	21.10	21.17	21.05		50/0	22.00	21.17	21.14	21.04
64QAM	1/0	22.00	21.21	21.65	21.63	64QAM	1/0	22.00	21.62	21.47	21.53
	1/12	22.00	21.05	21.46	21.33		1/24	22.00	21.44	21.19	21.23
	1/24	22.00	21.06	21.36	21.29		1/49	22.00	21.65	21.45	21.40
	12/0	21.00	20.22	20.07	20.12		25/0	21.00	20.15	20.13	20.07
	12/6	21.00	20.13	20.03	20.15		25/12	21.00	20.17	20.19	20.16
	12/13	21.00	20.13	20.02	20.13		25/25	21.00	20.16	20.15	20.18
	25/0	21.00	20.09	20.06	20.12		50/0	21.00	20.19	20.14	20.00

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/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)		
			20025/ 1717.5	20175/ 1732.5	20325/ 1747.5				20050/ 1720	20175/ 1732.5	20300/ 1745
QPSK	1/0	24.00	23.37	23.33	23.40	QPSK	1/0	24.00	23.27	23.15	23.15
	1/37	24.00	23.11	23.19	23.12		1/50	24.00	23.29	23.21	23.06
	1/74	24.00	23.38	23.35	23.36		1/99	24.00	**23.47**	**23.26**	**23.18**
	36/0	23.00	22.23	22.82	22.18		50/0	23.00	**22.33**	**22.25**	**22.28**
	36/19	23.00	22.22	22.18	22.21		50/25	23.00	22.28	22.24	22.22
	36/39	23.00	22.20	22.21	22.16		50/50	23.00	22.31	22.25	22.25
	75/0	23.00	22.18	22.20	22.12		100/0	23.00	**22.30**	22.28	22.23
16QAM	1/0	23.00	22.39	22.75	22.81	16QAM	1/0	23.00	22.80	22.72	22.63
	1/37	23.00	22.13	22.62	22.56		1/50	23.00	22.80	21.36	22.56
	1/74	23.00	22.40	22.76	22.75		1/99	23.00	22.87	22.82	22.64
	36/0	22.00	21.25	21.86	21.14		50/0	22.00	21.35	21.24	21.22
	36/19	22.00	21.21	21.24	21.18		50/25	22.00	21.29	21.26	21.29
	36/39	22.00	21.20	21.24	21.18		50/50	22.00	21.36	21.29	21.26
	75/0	22.00	21.22	21.20	21.12		100/0	22.00	21.36	21.27	21.24
64QAM	1/0	22.00	21.77	21.46	21.84	64QAM	1/0	22.00	21.91	21.45	21.51
	1/37	22.00	21.55	21.30	21.73		1/50	22.00	21.92	20.35	21.48
	1/74	22.00	21.78	21.48	22.00		1/99	22.00	21.99	21.54	21.58
	36/0	21.00	20.22	20.80	20.17		50/0	21.00	20.34	20.26	20.25
	36/19	21.00	20.21	20.28	20.23		50/25	21.00	20.31	20.26	20.32
	36/39	21.00	20.21	20.25	20.14		50/50	21.00	20.35	20.25	20.31
	75/0	21.00	20.20	20.22	20.16		100/0	21.00	20.26	20.28	20.19

Note: The tested channels are marks in bold.

8. Conducted power measurement results of LTE B5

Down Antenna

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/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)		
			20407/ 824.7	20525/ 836.5	20643/ 848.3				20415/ 825.5	20525/ 836.5	20635/ 847.5
QPSK	1/0	24.50	23.48	23.41	23.34	QPSK	1/0	24.50	23.50	23.50	23.37
	1/2	24.50	23.53	23.50	23.37		1/7	24.50	23.49	23.52	23.42
	1/5	24.50	23.43	23.38	23.34		1/14	24.50	23.56	23.36	23.38
	3/0	24.50	23.54	23.47	23.32		8/0	23.50	22.59	22.42	22.38
	3/1	24.50	23.58	23.49	23.35		8/3	23.50	22.58	22.50	22.43
	3/3	24.50	23.44	23.42	23.36		8/7	23.50	22.59	22.41	22.43
	6/0	23.50	22.55	22.45	22.36		15/0	23.50	22.58	22.48	22.40
16QAM	1/0	23.50	23.02	22.45	22.53	16QAM	1/0	23.50	22.63	22.99	22.45
	1/2	23.50	23.05	22.55	22.61		1/7	23.50	22.68	23.03	22.49
	1/5	23.50	22.94	22.50	22.54		1/14	23.50	22.62	22.87	22.45
	3/0	23.50	22.74	22.66	22.40		8/0	22.50	21.76	21.54	21.38
	3/1	23.50	22.76	22.70	22.44		8/3	22.50	21.71	21.61	21.48
	3/3	23.50	22.66	22.59	22.42		8/7	22.50	21.71	21.49	21.45
	6/0	22.50	21.51	21.65	21.53		15/0	22.50	21.61	21.53	21.39
64QAM	1/0	22.50	21.83	21.83	21.49	64QAM	1/0	22.50	22.01	21.53	21.75
	1/2	22.50	21.87	22.01	21.53		1/7	22.50	22.06	21.62	21.76
	1/5	22.50	21.78	21.80	21.45		1/14	22.50	22.03	21.40	21.70
	3/0	22.50	21.51	21.84	21.52		8/0	21.50	20.68	20.47	20.30
	3/1	22.50	21.57	21.88	21.59		8/3	21.50	20.65	20.55	20.42
	3/3	22.50	21.44	21.79	21.57		8/7	21.50	20.66	20.44	20.38
	6/0	21.50	20.69	20.46	20.73		15/0	21.50	20.56	20.56	20.45

LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/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)		
			20425/ 826.5	20525/ 836.5	20625/ 846.5				20450/ 829	20525/ 836.5	20600/ 844
QPSK	1/0	24.50	23.69	23.52	23.39	QPSK	1/0	24.50	23.70	23.79	23.52
	1/12	24.50	23.67	23.51	23.41		1/24	24.50	23.52	23.53	23.35
	1/24	24.50	23.67	23.40	23.48		1/49	24.50	**23.86**	23.67	23.44
	12/0	23.50	22.61	22.54	22.46		25/0	23.50	22.68	22.63	22.39
	12/6	23.50	22.66	22.52	22.42		25/12	23.50	**22.73**	22.55	22.40
	12/13	23.50	22.55	22.44	22.47		25/25	23.50	22.66	22.51	22.50
	25/0	23.50	22.66	22.52	22.41		50/0	23.50	22.63	22.57	22.49
16QAM	1/0	23.50	22.85	23.04	22.54	16QAM	1/0	23.50	22.80	23.23	22.56
	1/12	23.50	22.89	23.06	22.57		1/24	23.50	22.56	22.87	22.38
	1/24	23.50	22.86	22.97	22.59		1/49	23.50	22.84	23.08	22.60
	12/0	22.50	21.68	21.66	21.51		25/0	22.50	21.74	21.67	21.56
	12/6	22.50	21.74	21.64	21.42		25/12	22.50	21.74	21.59	21.52
	12/13	22.50	21.70	21.57	21.54		25/25	22.50	21.69	21.54	21.56
	25/0	22.50	21.65	21.58	21.33		50/0	22.50	21.61	21.60	21.51
64QAM	1/0	22.50	21.58	21.96	21.60	64QAM	1/0	22.50	22.22	21.92	21.96
	1/12	22.50	21.62	21.93	21.68		1/24	22.50	22.01	21.66	21.78
	1/24	22.50	21.63	21.81	21.74		1/49	22.50	22.32	21.85	22.17
	12/0	21.50	20.63	20.45	20.45		25/0	21.50	20.74	20.68	20.48
	12/6	21.50	20.69	20.46	20.44		25/12	21.50	20.78	20.63	20.44
	12/13	21.50	20.63	20.34	20.51		25/25	21.50	20.71	20.58	20.46
	25/0	21.50	20.62	20.49	20.40		50/0	21.50	20.64	20.61	20.49

Up Antenna

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/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)		
			20407/ 824.7	20525/ 836.5	20643/ 848.3				20415/ 825.5	20525/ 836.5	20635/ 847.5
QPSK	1/0	24.50	23.87	23.76	23.70	QPSK	1/0	24.50	23.81	23.89	23.81
	1/2	24.50	23.94	23.85	23.74		1/7	24.50	23.81	23.90	23.77
	1/5	24.50	23.85	23.76	23.69		1/14	24.50	23.82	23.71	23.69
	3/0	24.50	23.86	23.78	23.66		8/0	23.50	22.81	22.78	22.64
	3/1	24.50	23.94	23.79	23.70		8/3	23.50	22.89	22.85	22.76
	3/3	24.50	23.84	23.75	23.64		8/7	23.50	22.90	22.75	22.76
	6/0	23.50	22.91	22.79	22.69		15/0	23.50	22.89	22.82	22.72
16QAM	1/0	23.50	22.96	22.91	23.13	16QAM	1/0	23.50	22.92	23.30	22.77
	1/2	23.50	23.01	23.06	23.15		1/7	23.50	23.00	23.41	22.82
	1/5	23.50	22.95	22.94	23.13		1/14	23.50	22.87	23.20	22.72
	3/0	23.50	23.07	22.88	22.88		8/0	22.50	21.95	21.89	21.68
	3/1	23.50	23.12	22.91	22.86		8/3	22.50	22.04	21.96	21.79
	3/3	23.50	22.99	22.85	22.84		8/7	22.50	22.05	21.86	21.78
	6/0	22.50	22.10	21.98	21.62		15/0	22.50	21.90	21.87	21.69
64QAM	1/0	22.50	22.22	21.80	21.93	64QAM	1/0	22.50	22.29	21.88	21.96
	1/2	22.50	22.38	21.93	21.99		1/7	22.50	22.34	21.99	21.98
	1/5	22.50	22.18	21.79	21.98		1/14	22.50	22.26	21.75	21.90
	3/0	22.50	22.14	21.95	21.62		8/0	21.50	20.89	20.80	20.54
	3/1	22.50	22.27	21.99	21.65		8/3	21.50	20.96	20.90	20.68
	3/3	22.50	22.18	21.94	21.65		8/7	21.50	20.97	20.79	20.65
	6/0	21.50	20.91	21.14	20.80		15/0	21.50	20.89	20.88	20.73

LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/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)		
			20425/ 826.5	20525/ 836.5	20625/ 846.5				20450/ 829	20525/ 836.5	20600/ 844
QPSK	1/0	24.50	23.99	23.98	23.71	QPSK	1/0	24.50	24.04	**24.09**	23.85
	1/12	24.50	23.93	23.84	23.71		1/24	24.50	23.85	23.89	23.71
	1/24	24.50	23.94	23.76	23.75		1/49	24.50	**24.12**	24.01	**23.99**
	12/0	23.50	22.87	22.88	22.76		25/0	23.50	22.91	22.95	22.76
	12/6	23.50	22.83	22.85	22.73		25/12	23.50	**22.95**	22.90	22.72
	12/13	23.50	22.91	22.77	22.77		25/25	23.50	22.94	22.87	22.79
	25/0	23.50	22.86	22.85	22.69		50/0	23.50	**22.97**	22.92	22.82
16QAM	1/0	23.50	23.15	23.49	22.84	16QAM	1/0	23.50	23.14	23.43	22.81
	1/12	23.50	23.11	23.41	22.83		1/24	23.50	22.91	23.23	22.60
	1/24	23.50	23.10	23.33	22.88		1/49	23.50	23.16	23.39	22.95
	12/0	22.50	21.99	22.01	21.84		25/0	22.50	21.94	21.98	21.81
	12/6	22.50	21.95	21.98	21.75		25/12	22.50	22.00	21.92	21.76
	12/13	22.50	21.99	21.91	21.82		25/25	22.50	21.95	21.89	21.82
	25/0	22.50	21.86	21.92	21.64		50/0	22.50	21.98	21.94	21.77
64QAM	1/0	22.50	21.86	22.35	21.93	64QAM	1/0	22.50	22.28	22.50	21.97
	1/12	22.50	21.80	22.31	21.95		1/24	22.50	22.10	22.26	21.82
	1/24	22.50	21.83	22.16	22.04		1/49	22.50	22.41	22.39	22.19
	12/0	21.50	20.93	20.77	20.77		25/0	21.50	20.98	21.01	20.80
	12/6	21.50	20.91	20.78	20.73		25/12	21.50	21.06	20.91	20.78
	12/13	21.50	20.94	20.69	20.78		25/25	21.50	21.03	20.84	20.82
	25/0	21.50	20.83	20.82	20.69		50/0	21.50	21.01	20.94	20.82

Note: The tested channels are marks in bold.

9. Conducted power measurement results of LTE B7

Down Antenna

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	23.50	22.20	22.00	22.05	QPSK	1/0	23.50	22.21	22.21	22.23
	1/12	23.50	22.12	22.03	22.12		1/24	23.50	22.00	22.06	22.03
	1/24	23.50	22.03	22.01	22.05		1/49	23.50	22.10	22.10	22.01
	12/0	22.50	21.05	20.99	21.04		25/0	22.50	21.14	21.06	21.08
	12/6	22.50	21.05	20.98	21.02		25/12	22.50	21.02	21.03	21.02
	12/13	22.50	21.06	21.00	21.03		25/25	22.50	21.03	21.04	20.99
	25/0	22.50	21.07	20.99	21.06		50/0	22.50	21.06	21.03	21.04
16QAM	1/0	22.50	21.28	21.16	21.28	16QAM	1/0	22.50	21.28	21.19	21.64
	1/12	22.50	21.25	21.18	21.18		1/24	22.50	21.02	20.87	21.37
	1/24	22.50	21.16	21.19	21.16		1/49	22.50	21.13	21.07	21.45
	12/0	21.50	20.21	20.08	20.07		25/0	21.50	20.22	19.97	20.06
	12/6	21.50	20.18	20.07	20.04		25/12	21.50	20.05	19.93	19.99
	12/13	21.50	20.17	20.06	20.04		25/25	21.50	20.07	19.98	19.94
	25/0	21.50	20.06	20.03	19.99		50/0	21.50	20.03	19.95	19.97
64QAM	1/0	21.50	20.30	19.81	20.34	64QAM	1/0	21.50	20.59	20.25	20.41
	1/12	21.50	20.27	19.84	20.33		1/24	21.50	20.31	20.01	20.10
	1/24	21.50	20.17	19.83	20.30		1/49	21.50	20.48	20.16	20.24
	12/0	20.50	19.06	18.95	18.89		25/0	20.50	19.09	18.98	19.05
	12/6	20.50	19.04	18.96	18.87		25/12	20.50	18.92	18.94	18.95
	12/13	20.50	19.02	18.96	18.83		25/25	20.50	18.95	18.97	18.91
	25/0	20.50	19.02	18.92	18.89		50/0	20.50	18.93	18.92	18.88

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	23.50	22.18	22.14	22.18	QPSK	1/0	23.50	22.31	22.25	22.25
	1/37	23.50	22.08	22.09	22.16		1/50	23.50	22.25	**22.33**	22.20
	1/74	23.50	22.09	22.05	22.11		1/99	23.50	22.24	22.17	22.14
	36/0	22.50	21.19	21.05	21.08		50/0	22.50	21.11	21.14	21.12
	36/19	22.50	21.13	21.08	21.16		50/25	22.50	21.16	**21.18**	21.04
	36/39	22.50	21.13	21.07	21.06		50/50	22.50	21.08	21.07	21.03
	75/0	22.50	21.08	21.07	21.10		100/0	22.50	21.13	21.07	21.14
16QAM	1/0	22.50	21.04	21.45	21.47	16QAM	1/0	22.50	21.60	21.51	21.46
	1/37	22.50	21.01	21.47	21.57		1/50	22.50	21.67	21.47	21.48
	1/74	22.50	20.94	21.30	21.37		1/99	22.50	21.55	21.39	21.34
	36/0	21.50	20.13	19.99	19.97		50/0	21.50	20.05	20.05	19.98
	36/19	21.50	20.10	20.08	20.06		50/25	21.50	20.11	20.01	19.90
	36/39	21.50	20.07	20.03	19.95		50/50	21.50	19.97	19.99	19.89
	75/0	21.50	20.05	19.99	20.02		100/0	21.50	20.10	19.95	19.99
64QAM	1/0	21.50	20.39	19.98	20.60	64QAM	1/0	21.50	20.57	20.83	20.41
	1/37	21.50	20.41	19.97	20.61		1/50	21.50	20.59	20.87	20.42
	1/74	21.50	20.31	19.84	20.43		1/99	21.50	20.49	20.73	20.29
	36/0	20.50	19.01	18.85	19.18		50/0	20.50	19.18	19.22	19.18
	36/19	20.50	18.93	18.92	19.25		50/25	20.50	19.26	19.19	19.13
	36/39	20.50	18.97	18.85	19.17		50/50	20.50	19.13	19.18	19.13
	75/0	20.50	18.91	18.55	19.21		100/0	20.50	19.17	19.12	19.19

Up Antenna_Receiver on

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	16.00	15.74	15.64	15.73	QPSK	1/0	16.00	15.83	15.81	15.72
	1/12	16.00	15.70	15.65	15.72		1/24	16.00	15.56	15.59	15.53
	1/24	16.00	15.61	15.64	15.70		1/49	16.00	15.75	15.74	15.63
	12/0	16.00	15.67	15.59	15.64		25/0	16.00	15.71	15.55	15.62
	12/6	16.00	15.70	15.60	15.61		25/12	16.00	15.59	15.55	15.63
	12/13	16.00	15.67	15.59	15.62		25/25	16.00	15.60	15.57	15.59
	25/0	16.00	15.66	15.60	15.64		50/0	16.00	15.63	15.55	15.64
16QAM	1/0	16.00	15.93	15.73	15.72	16QAM	1/0	16.00	15.68	15.75	15.69
	1/12	16.00	15.86	15.79	15.92		1/24	16.00	15.67	15.51	15.57
	1/24	16.00	15.76	15.78	15.86		1/49	16.00	15.81	15.63	15.61
	12/0	16.00	15.77	15.70	15.79		25/0	16.00	15.80	15.61	15.67
	12/6	16.00	15.75	15.62	15.73		25/12	16.00	15.66	15.58	15.67
	12/13	16.00	15.71	15.63	15.73		25/25	16.00	15.69	15.62	15.64
	25/0	16.00	15.64	15.58	15.68		50/0	16.00	15.63	15.55	15.68
64QAM	1/0	16.00	15.93	15.50	15.66	64QAM	1/0	16.00	15.76	15.87	15.79
	1/12	16.00	15.92	15.57	15.66		1/24	16.00	15.89	15.66	15.85
	1/24	16.00	15.84	15.52	15.69		1/49	16.00	15.66	15.86	15.92
	12/0	16.00	15.73	15.63	15.57		25/0	16.00	15.75	15.65	15.66
	12/6	16.00	15.74	15.64	15.55		25/12	16.00	15.61	15.62	15.68
	12/13	16.00	15.71	15.61	15.51		25/25	16.00	15.61	15.64	15.66
	25/0	16.00	15.71	15.57	15.57		50/0	16.00	15.60	15.60	15.66

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	16.00	15.62	15.59	15.59	QPSK	1/0	16.00	15.84	15.70	15.75
	1/37	16.00	15.63	15.63	15.65		1/50	16.00	15.83	**15.94**	15.90
	1/74	16.00	15.52	15.50	15.56		1/99	16.00	15.79	15.69	15.68
	36/0	16.00	15.72	15.62	15.74		50/0	16.00	15.80	15.81	15.84
	36/19	16.00	15.69	15.62	15.68		50/25	16.00	15.78	**15.86**	15.84
	36/39	16.00	15.68	15.62	15.65		50/50	16.00	15.78	15.76	15.78
	75/0	16.00	15.63	15.59	15.61		100/0	16.00	15.87	15.73	15.79
16QAM	1/0	16.00	15.59	15.65	15.78	16QAM	1/0	16.00	15.83	15.70	15.65
	1/37	16.00	15.58	15.70	15.80		1/50	16.00	15.92	15.80	15.79
	1/74	16.00	15.52	15.82	15.70		1/99	16.00	15.75	15.66	15.64
	36/0	16.00	15.74	15.63	15.68		50/0	16.00	15.67	15.68	15.64
	36/19	16.00	15.67	15.69	15.65		50/25	16.00	15.75	15.66	15.66
	36/39	16.00	15.68	15.66	15.62		50/50	16.00	15.61	15.66	15.59
	75/0	16.00	15.66	15.62	15.61		100/0	16.00	15.70	15.58	15.65
64QAM	1/0	16.00	15.63	15.65	15.70	64QAM	1/0	16.00	15.63	15.84	15.75
	1/37	16.00	15.64	15.72	15.68		1/50	16.00	15.74	15.93	15.91
	1/74	16.00	15.86	15.55	15.69		1/99	16.00	15.60	15.80	15.73
	36/0	16.00	15.75	15.67	15.74		50/0	16.00	15.68	15.68	15.64
	36/19	16.00	15.74	15.73	15.72		50/25	16.00	15.77	15.65	15.70
	36/39	16.00	15.70	15.71	15.69		50/50	16.00	15.64	15.60	15.64
	75/0	16.00	15.65	15.64	15.64		100/0	16.00	15.69	15.57	15.65

Up Antenna_Receiver off

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	23.50	23.12	22.92	23.01	QPSK	1/0	23.50	23.05	23.12	23.15
	1/12	23.50	23.08	22.94	23.00		1/24	23.50	22.82	22.88	22.98
	1/24	23.50	22.97	22.94	22.98		1/49	23.50	22.99	22.99	23.04
	12/0	22.50	21.98	21.93	21.94		25/0	22.50	21.96	21.88	21.94
	12/6	22.50	21.95	21.88	21.89		25/12	22.50	21.84	21.87	21.92
	12/13	22.50	21.96	21.91	21.93		25/25	22.50	21.87	21.91	21.92
	25/0	22.50	21.96	21.90	21.92		50/0	22.50	21.88	21.87	21.98
16QAM	1/0	22.50	22.13	22.05	22.45	16QAM	1/0	22.50	22.13	22.45	22.15
	1/12	22.50	22.10	22.07	22.44		1/24	22.50	21.82	22.29	21.96
	1/24	22.50	22.01	22.09	22.45		1/49	22.50	21.96	22.43	22.01
	12/0	21.50	21.05	21.01	21.11		25/0	21.50	20.99	20.94	21.04
	12/6	21.50	21.02	20.95	21.06		25/12	21.50	20.84	20.89	21.04
	12/13	21.50	21.02	20.99	21.04		25/25	21.50	20.90	20.91	20.98
	25/0	21.50	20.93	20.92	21.01		50/0	21.50	20.88	20.91	20.98
64QAM	1/0	21.50	21.25	20.79	21.35	64QAM	1/0	21.50	21.50	21.24	21.39
	1/12	21.50	21.24	20.82	21.37		1/24	21.50	21.23	21.03	21.15
	1/24	21.50	21.11	20.82	21.32		1/49	21.50	21.39	21.15	21.19
	12/0	20.50	20.00	19.94	19.89		25/0	20.50	20.03	19.98	19.97
	12/6	20.50	20.00	19.91	19.90		25/12	20.50	19.90	19.95	20.00
	12/13	20.50	20.01	19.93	19.85		25/25	20.50	19.92	19.98	19.99
	25/0	20.50	19.99	19.87	19.92		50/0	20.50	19.88	19.94	19.95

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	23.50	23.09	23.11	23.14	QPSK	1/0	23.50	23.20	23.07	23.03
	1/37	23.50	23.11	23.16	23.19		1/50	23.50	**23.27**	23.12	23.17
	1/74	23.50	22.96	22.94	23.06		1/99	23.50	23.07	22.93	22.96
	36/0	22.50	22.00	21.92	22.03		50/0	22.50	21.92	21.98	21.90
	36/19	22.50	21.96	21.93	21.94		50/25	22.50	21.97	21.96	**22.00**
	36/39	22.50	21.92	21.94	21.94		50/50	22.50	21.84	21.91	21.92
	75/0	22.50	21.89	21.92	21.93		100/0	22.50	21.93	21.93	21.92
16QAM	1/0	22.50	21.88	22.33	22.38	16QAM	1/0	22.50	22.46	22.41	22.33
	1/37	22.50	21.89	22.37	22.43		1/50	22.50	22.43	22.47	22.47
	1/74	22.50	21.79	22.21	22.30		1/99	22.50	22.40	22.28	22.25
	36/0	21.50	21.00	20.95	21.00		50/0	21.50	20.92	21.00	20.91
	36/19	21.50	20.97	21.02	20.95		50/25	21.50	20.98	20.97	20.95
	36/39	21.50	20.91	20.97	20.90		50/50	21.50	20.89	20.96	20.89
	75/0	21.50	20.89	20.92	20.92		100/0	21.50	20.94	20.88	20.96
64QAM	1/0	21.50	21.30	21.02	21.46	64QAM	1/0	21.50	21.30	21.40	21.14
	1/37	21.50	21.33	21.05	21.36		1/50	21.50	21.41	21.44	21.28
	1/74	21.50	21.15	20.85	21.44		1/99	21.50	21.23	21.48	21.08
	36/0	20.50	20.02	19.99	20.01		50/0	20.50	19.98	19.99	19.97
	36/19	20.50	20.01	20.05	20.00		50/25	20.50	20.08	19.96	20.03
	36/39	20.50	19.99	20.00	19.92		50/50	20.50	19.93	19.93	19.93
	75/0	20.50	19.93	19.94	19.95		100/0	20.50	20.00	19.88	19.95

Up Antenna_Hotspot & Specific 10g SAR

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	22.00	21.62	21.54	21.58	QPSK	1/0	22.00	21.58	21.66	21.55
	1/12	22.00	21.55	21.56	21.60		1/24	22.00	21.43	21.54	21.38
	1/24	22.00	21.58	21.55	21.54		1/49	22.00	21.44	21.56	21.40
	12/0	22.00	21.27	21.24	21.28		25/0	22.00	21.22	21.23	21.20
	12/6	22.00	21.25	21.23	21.27		25/12	22.00	21.20	21.18	21.23
	12/13	22.00	21.25	21.24	21.24		25/25	22.00	21.11	21.18	21.19
	25/0	22.00	21.14	21.19	21.21		50/0	22.00	21.20	21.20	21.18
16QAM	1/0	22.00	21.49	21.43	21.47	16QAM	1/0	22.00	21.52	21.56	21.53
	1/12	22.00	21.42	21.48	21.43		1/24	22.00	21.33	21.43	21.31
	1/24	22.00	21.42	21.52	21.47		1/49	22.00	21.43	21.45	21.39
	12/0	22.00	21.38	21.42	21.37		25/0	22.00	21.39	21.40	21.34
	12/6	22.00	21.36	21.39	21.36		25/12	22.00	21.35	21.37	21.35
	12/13	22.00	21.37	21.41	21.30		25/25	22.00	21.29	21.38	21.32
	25/0	22.00	21.41	21.38	21.31		50/0	22.00	21.43	21.38	21.37
64QAM	1/0	22.00	21.49	21.09	21.53	64QAM	1/0	22.00	21.57	21.40	21.58
	1/12	22.00	21.43	21.13	21.52		1/24	22.00	21.39	21.28	21.38
	1/24	22.00	21.45	21.11	21.44		1/49	22.00	21.45	21.31	21.41
	12/0	22.00	20.22	20.15	20.03		25/0	22.00	20.25	20.21	20.15
	12/6	22.00	20.20	20.16	20.04		25/12	22.00	20.18	20.20	20.19
	12/13	22.00	20.21	20.15	20.02		25/25	22.00	20.11	20.21	20.15
	25/0	22.00	20.17	20.12	20.06		50/0	22.00	20.21	20.18	20.10

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	22.00	21.37	21.56	21.51	QPSK	1/0	22.00	**21.69**	**21.70**	21.44
	1/37	22.00	21.43	21.50	21.54		1/50	22.00	21.45	21.66	**21.64**
	1/74	22.00	21.42	21.52	21.43		1/99	22.00	21.68	21.60	21.38
	36/0	22.00	21.42	21.41	21.27		50/0	22.00	21.34	21.34	21.18
	36/19	22.00	21.37	21.45	21.21		50/25	22.00	21.42	**21.43**	21.22
	36/39	22.00	21.36	21.30	21.16		50/50	22.00	21.35	21.26	21.19
	75/0	22.00	21.19	21.27	21.08		100/0	22.00	**21.48**	21.24	21.12
16QAM	1/0	22.00	21.37	21.35	21.32	16QAM	1/0	22.00	21.44	21.47	21.32
	1/37	22.00	21.36	21.45	21.33		1/50	22.00	21.49	21.49	21.36
	1/74	22.00	21.31	21.23	21.24		1/99	22.00	21.38	21.34	21.23
	36/0	22.00	21.46	21.36	21.41		50/0	22.00	21.43	21.44	21.33
	36/19	22.00	21.41	21.40	21.37		50/25	22.00	21.47	21.50	21.33
	36/39	22.00	21.37	21.25	21.30		50/50	22.00	21.45	21.33	21.30
	75/0	22.00	21.35	21.37	21.28		100/0	22.00	21.42	21.47	21.34
64QAM	1/0	22.00	21.57	21.22	21.56	64QAM	1/0	22.00	21.54	21.40	21.51
	1/37	22.00	21.66	21.37	21.58		1/50	22.00	21.66	21.48	21.55
	1/74	22.00	21.59	21.17	21.47		1/99	22.00	21.52	21.48	21.43
	36/0	22.00	20.34	20.29	20.16		50/0	22.00	20.26	20.20	20.18
	36/19	22.00	20.29	20.34	20.12		50/25	22.00	20.35	20.25	20.22
	36/39	22.00	20.25	20.17	20.07		50/50	22.00	20.29	20.13	20.17
	75/0	22.00	20.22	20.22	20.09		100/0	22.00	20.27	20.19	20.15

Note: The tested channels are marks in bold.

10. Conducted power measurement results of LTE B12

Down Antenna

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/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)		
			23017/ 699.7	23095/ 707.5	23173/ 715.3				23025/ 700.5	23095/ 707.5	23165/ 714.5
QPSK	1/0	24.50	23.34	23.16	23.22	QPSK	1/0	24.50	23.28	23.36	23.37
	1/2	24.50	23.32	23.31	23.21		1/7	24.50	23.22	23.32	23.28
	1/5	24.50	23.26	23.18	23.22		1/14	24.50	23.21	23.33	23.25
	3/0	24.50	23.23	23.18	23.18		8/0	23.50	22.27	22.29	22.28
	3/1	24.50	23.30	23.22	23.19		8/3	23.50	22.26	22.31	22.32
	3/3	24.50	23.27	23.17	23.25		8/7	23.50	22.22	22.27	22.25
	6/0	23.50	22.22	22.23	22.21		15/0	23.50	22.26	22.29	22.29
16QAM	1/0	23.50	22.41	22.38	22.70	16QAM	1/0	23.50	22.32	22.81	22.38
	1/2	23.50	22.35	22.47	22.64		1/7	23.50	22.44	22.83	22.41
	1/5	23.50	22.34	22.40	22.66		1/14	23.50	22.26	22.78	22.26
	3/0	23.50	22.42	22.28	22.38		8/0	22.50	21.49	21.39	21.49
	3/1	23.50	22.48	22.32	22.38		8/3	22.50	21.44	21.41	21.57
	3/3	23.50	22.47	22.25	22.40		8/7	22.50	21.40	21.34	21.46
	6/0	22.50	21.50	21.43	21.24		15/0	22.50	21.34	21.34	21.46
64QAM	1/0	22.50	21.63	21.67	21.42	64QAM	1/0	22.50	21.70	21.81	21.47
	1/2	22.50	21.59	21.85	21.45		1/7	22.50	21.68	21.79	21.52
	1/5	22.50	21.61	21.66	21.40		1/14	22.50	21.58	21.77	21.44
	3/0	22.50	21.24	21.61	21.43		8/0	21.50	20.35	20.39	20.37
	3/1	22.50	21.31	21.69	21.48		8/3	21.50	20.37	20.41	20.46
	3/3	22.50	21.32	21.58	21.49		8/7	21.50	20.30	20.37	20.33
	6/0	21.50	20.41	20.30	20.68		15/0	21.50	20.45	20.32	20.43

LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/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)		
			23035/ 701.5	23095/ 707.5	23155/ 713.5				23060/ 704	23095/ 707.5	23130/ 711
QPSK	1/0	24.50	23.49	23.43	23.48	QPSK	1/0	24.50	23.57	**23.63**	23.62
	1/12	24.50	23.39	23.32	23.39		1/24	24.50	23.30	23.36	23.28
	1/24	24.50	23.36	23.35	23.38		1/49	24.50	23.38	23.58	23.50
	12/0	23.50	22.35	22.27	22.45		25/0	23.50	22.40	22.39	**22.45**
	12/6	23.50	22.37	22.36	22.35		25/12	23.50	22.30	22.37	22.44
	12/13	23.50	22.32	22.25	22.38		25/25	23.50	22.38	22.34	22.38
	25/0	23.50	22.37	22.35	22.35		50/0	23.50	22.41	22.29	22.37
16QAM	1/0	23.50	22.70	22.89	22.60	16QAM	1/0	23.50	22.68	22.63	23.04
	1/12	23.50	22.55	22.85	22.52		1/24	23.50	22.41	22.36	22.73
	1/24	23.50	22.52	22.88	22.47		1/49	23.50	22.49	22.54	22.94
	12/0	22.50	21.49	21.46	21.57		25/0	22.50	21.57	21.44	21.53
	12/6	22.50	21.51	21.50	21.44		25/12	22.50	21.46	21.42	21.54
	12/13	22.50	21.40	21.47	21.49		25/25	22.50	21.52	21.41	21.45
	25/0	22.50	21.46	21.44	21.34		50/0	22.50	21.48	21.32	21.46
64QAM	1/0	22.50	21.36	21.76	21.72	64QAM	1/0	22.50	22.02	21.77	21.89
	1/12	22.50	21.29	21.73	21.67		1/24	22.50	21.76	21.51	21.59
	1/24	22.50	21.23	21.75	21.67		1/49	22.50	21.86	21.73	21.75
	12/0	21.50	20.40	20.21	20.54		25/0	21.50	20.48	20.46	20.52
	12/6	21.50	20.43	20.29	20.45		25/12	21.50	20.33	20.46	20.55
	12/13	21.50	20.32	20.20	20.46		25/25	21.50	20.41	20.41	20.49
	25/0	21.50	20.39	20.33	20.38		50/0	21.50	20.41	20.34	20.38

Up Antenna

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/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)		
			23017/ 699.7	23095/ 707.5	23173/ 715.3				23025/ 700.5	23095/ 707.5	23165/ 714.5
QPSK	1/0	24.50	23.50	23.28	23.34	QPSK	1/0	24.50	23.39	23.41	23.46
	1/2	24.50	23.50	23.40	23.34		1/7	24.50	23.41	23.42	23.46
	1/5	24.50	23.40	23.36	23.32		1/14	24.50	23.34	23.46	23.40
	3/0	24.50	23.40	23.32	23.30		8/0	23.50	22.41	22.39	22.37
	3/1	24.50	23.43	23.36	23.32		8/3	23.50	22.41	22.35	22.44
	3/3	24.50	23.43	23.30	23.39		8/7	23.50	22.40	22.35	22.40
	6/0	23.50	22.38	22.35	22.39		15/0	23.50	22.42	22.38	22.40
16QAM	1/0	23.50	22.57	22.46	22.83	16QAM	1/0	23.50	22.47	22.87	22.54
	1/2	23.50	22.54	22.55	22.81		1/7	23.50	22.50	22.92	22.54
	1/5	23.50	22.50	22.51	22.80		1/14	23.50	22.38	22.86	22.43
	3/0	23.50	22.59	22.37	22.58		8/0	22.50	21.58	21.49	21.43
	3/1	23.50	22.64	22.43	22.56		8/3	22.50	21.57	21.48	21.52
	3/3	23.50	22.63	22.37	22.59		8/7	22.50	21.53	21.45	21.46
	6/0	22.50	21.65	21.57	21.37		15/0	22.50	21.46	21.43	21.41
64QAM	1/0	22.50	21.76	21.75	21.48	64QAM	1/0	22.50	21.85	21.43	21.71
	1/2	22.50	21.75	21.87	21.51		1/7	22.50	21.87	21.60	21.74
	1/5	22.50	21.70	21.75	21.48		1/14	22.50	21.78	21.48	21.66
	3/0	22.50	21.36	21.68	21.50		8/0	21.50	20.48	20.45	20.34
	3/1	22.50	21.43	21.77	21.53		8/3	21.50	20.50	20.42	20.43
	3/3	22.50	21.42	21.62	21.56		8/7	21.50	20.44	20.37	20.33
	6/0	21.50	20.53	20.36	20.77		15/0	21.50	20.42	20.42	20.46

LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/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)		
			23035/ 701.5	23095/ 707.5	23155/ 713.5				23060/ 704	23095/ 707.5	23130/ 711
QPSK	1/0	24.50	23.56	23.44	23.59	QPSK	1/0	24.50	23.67	23.65	**23.71**
	1/12	24.50	23.42	23.34	23.49		1/24	24.50	23.34	23.42	23.37
	1/24	24.50	23.40	23.39	23.46		1/49	24.50	23.48	23.62	23.63
	12/0	23.50	22.41	22.33	22.56		25/0	23.50	22.50	22.45	22.47
	12/6	23.50	22.47	22.39	22.46		25/12	23.50	22.38	22.47	**22.53**
	12/13	23.50	22.36	22.36	22.50		25/25	23.50	22.46	22.42	22.49
	25/0	23.50	22.47	22.40	22.45		50/0	23.50	22.50	22.34	22.47
16QAM	1/0	23.50	22.74	22.91	22.69	16QAM	1/0	23.50	22.73	23.10	22.68
	1/12	23.50	22.61	22.89	22.62		1/24	23.50	22.40	22.80	22.43
	1/24	23.50	22.58	22.95	22.57		1/49	23.50	22.47	23.03	22.61
	12/0	22.50	21.55	21.47	21.62		25/0	22.50	21.51	21.51	21.62
	12/6	22.50	21.58	21.52	21.52		25/12	22.50	21.38	21.48	21.63
	12/13	22.50	21.48	21.48	21.56		25/25	22.50	21.47	21.44	21.58
	25/0	22.50	21.53	21.47	21.39		50/0	22.50	21.46	21.36	21.47
64QAM	1/0	22.50	21.45	21.82	21.76	64QAM	1/0	22.50	22.12	21.84	22.09
	1/12	22.50	21.31	21.81	21.75		1/24	22.50	21.81	21.59	21.86
	1/24	22.50	21.29	21.78	21.77		1/49	22.50	21.89	21.80	22.02
	12/0	21.50	20.44	20.29	20.61		25/0	21.50	20.55	20.53	20.57
	12/6	21.50	20.49	20.34	20.50		25/12	21.50	20.42	20.52	20.60
	12/13	21.50	20.38	20.29	20.54		25/25	21.50	20.46	20.47	20.54
	25/0	21.50	20.41	20.37	20.47		50/0	21.50	20.48	20.39	20.49

Note: The tested channels are marks in bold.

11. Conducted power measurement results of LTE B17

Down Antenna

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/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)		
			23755/ 706.5	23790/ 710	23825/ 713.5				23780/ 709	23790/ 710	23800/ 711
QPSK	1/0	24.50	23.39	23.31	23.40	QPSK	1/0	24.50	23.57	23.54	**23.60**
	1/12	24.50	23.33	23.33	23.39		1/24	24.50	23.23	23.26	23.29
	1/24	24.50	23.31	23.30	23.22		1/49	24.50	23.47	23.47	23.42
	12/0	23.50	22.33	22.30	22.29		25/0	23.50	22.30	22.34	22.36
	12/6	23.50	22.34	22.32	22.36		25/12	23.50	22.34	**22.40**	22.23
	12/13	23.50	22.36	22.39	22.30		25/25	23.50	22.39	22.36	22.37
	25/0	23.50	22.35	22.27	22.34		50/0	23.50	22.30	22.31	22.40
16QAM	1/0	23.50	22.58	22.48	22.88	16QAM	1/0	23.50	22.67	23.00	22.64
	1/12	23.50	22.56	22.49	22.89		1/24	23.50	22.27	22.65	22.37
	1/24	23.50	22.48	22.49	22.74		1/49	23.50	22.50	22.86	22.41
	12/0	22.50	21.40	21.41	21.47		25/0	22.50	21.33	21.38	21.46
	12/6	22.50	21.43	21.36	21.52		25/12	22.50	21.35	21.36	21.41
	12/13	22.50	21.45	21.44	21.47		25/25	22.50	21.38	21.37	21.49
	25/0	22.50	21.30	21.31	21.44		50/0	22.50	21.30	21.32	21.42
64QAM	1/0	22.50	21.69	21.23	21.80	64QAM	1/0	22.50	22.05	21.75	22.11
	1/12	22.50	21.65	21.23	21.82		1/24	22.50	21.71	21.48	21.85
	1/24	22.50	21.58	21.27	21.65		1/49	22.50	21.92	21.66	21.90
	12/0	21.50	20.34	20.33	20.27		25/0	21.50	20.33	20.38	20.49
	12/6	21.50	20.39	20.32	20.31		25/12	21.50	20.36	20.38	20.39
	12/13	21.50	20.39	20.39	20.26		25/25	21.50	20.39	20.41	20.50
	25/0	21.50	20.34	20.26	20.33		50/0	21.50	20.32	20.34	20.47

Up Antenna

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/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)		
			23755/ 706.5	23790/ 710	23825/ 713.5				23780/ 709	23790/ 710	23800/ 711
QPSK	1/0	24.50	23.61	23.55	23.55	QPSK	1/0	24.50	23.77	**23.81**	23.78
	1/12	24.50	23.51	23.53	23.54		1/24	24.50	23.43	23.49	23.46
	1/24	24.50	23.58	23.58	23.41		1/49	24.50	23.60	23.59	23.56
	12/0	23.50	22.55	22.52	22.53		25/0	23.50	**22.58**	22.55	22.53
	12/6	23.50	22.53	22.50	22.48		25/12	23.50	22.54	22.53	22.49
	12/13	23.50	22.52	22.49	22.46		25/25	23.50	22.50	22.55	22.52
	25/0	23.50	22.51	22.46	22.48		50/0	23.50	22.56	22.52	22.50
16QAM	1/0	23.50	22.75	22.69	23.02	16QAM	1/0	23.50	22.84	23.22	22.76
	1/12	23.50	22.67	22.67	23.03		1/24	23.50	22.44	22.84	22.50
	1/24	23.50	22.70	22.73	22.92		1/49	23.50	22.60	22.99	22.53
	12/0	22.50	21.65	21.59	21.68		25/0	22.50	21.54	21.59	21.67
	12/6	22.50	21.55	21.55	21.65		25/12	22.50	21.54	21.55	21.57
	12/13	22.50	21.55	21.56	21.60		25/25	22.50	21.49	21.58	21.63
	25/0	22.50	21.43	21.51	21.57		50/0	22.50	21.49	21.52	21.55
64QAM	1/0	22.50	21.84	21.46	21.90	64QAM	1/0	22.50	22.19	21.96	22.16
	1/12	22.50	21.77	21.43	21.94		1/24	22.50	21.86	21.69	21.90
	1/24	22.50	21.81	21.49	21.82		1/49	22.50	22.02	21.76	21.96
	12/0	21.50	20.60	20.51	20.48		25/0	21.50	20.56	20.59	20.62
	12/6	21.50	20.52	20.51	20.44		25/12	21.50	20.53	20.59	20.56
	12/13	21.50	20.53	20.50	20.39		25/25	21.50	20.48	20.64	20.57
	25/0	21.50	20.48	20.45	20.47		50/0	21.50	20.49	20.52	20.53

Note: The tested channels are marks in bold.

12. Conducted power measurement results of LTE B26

Down Antenna

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/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)		
			26697/ 814.7	26865/ 831	27033/ 848.3				26705/ 815.5	26865/ 831	27025/ 847.5
QPSK	1/0	24.50	23.20	23.08	23.09	QPSK	1/0	24.50	23.23	23.05	23.03
	1/2	24.50	23.26	23.10	23.13		1/7	24.50	23.21	23.05	23.15
	1/5	24.50	23.16	23.05	23.10		1/14	24.50	23.26	23.03	23.13
	3/0	24.50	23.17	23.05	23.08		8/0	23.50	22.17	22.16	22.05
	3/1	24.50	23.25	23.08	23.10		8/3	23.50	22.25	22.12	22.08
	3/3	24.50	23.10	23.00	23.13		8/7	23.50	22.25	22.09	22.13
	6/0	23.50	22.19	22.07	22.07		15/0	23.50	22.22	22.11	22.04
16QAM	1/0	23.50	22.29	22.54	22.07	16QAM	1/0	23.50	22.21	22.60	22.08
	1/2	23.50	22.39	22.56	22.11		1/7	23.50	22.32	22.59	22.15
	1/5	23.50	22.34	22.50	22.11		1/14	23.50	22.18	22.52	22.10
	3/0	23.50	22.21	22.28	22.22		8/0	22.50	21.29	21.21	21.06
	3/1	23.50	22.26	22.27	22.29		8/3	22.50	21.36	21.25	21.11
	3/3	23.50	22.17	22.20	22.23		8/7	22.50	21.39	21.18	21.15
	6/0	22.50	21.40	21.00	21.21		15/0	22.50	21.26	21.15	21.01
64QAM	1/0	22.50	21.39	21.56	21.08	64QAM	1/0	22.50	21.57	21.17	21.29
	1/2	22.50	21.51	21.65	21.23		1/7	22.50	21.60	21.38	21.34
	1/5	22.50	21.46	21.50	21.14		1/14	22.50	21.56	21.11	21.35
	3/0	22.50	21.16	21.45	21.20		8/0	21.50	20.21	20.10	19.98
	3/1	22.50	21.24	21.49	21.24		8/3	21.50	20.28	20.14	20.04
	3/3	22.50	21.11	21.42	21.21		8/7	21.50	20.28	20.06	20.05
	6/0	21.50	20.31	20.09	20.39		15/0	21.50	20.17	20.11	20.09

LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/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)		
			26715/ 816.5	26865/ 831	27015/ 846.5				26740/ 819	26865/ 831	26990/ 844
QPSK	1/0	24.50	23.37	23.22	23.01	QPSK	1/0	24.50	23.46	23.46	23.17
	1/12	24.50	23.33	23.13	23.11		1/24	24.50	23.29	23.14	22.94
	1/24	24.50	23.36	22.96	23.15		1/49	24.50	23.52	23.21	23.42
	12/0	23.50	22.24	22.17	22.01		25/0	23.50	22.31	22.24	21.90
	12/6	23.50	22.33	22.16	22.09		25/12	23.50	22.37	22.18	21.99
	12/13	23.50	22.27	22.09	22.10		25/25	23.50	22.46	22.06	22.13
	25/0	23.50	22.26	22.14	22.03		50/0	23.50	22.39	22.19	22.05
16QAM	1/0	23.50	22.46	22.73	22.10	16QAM	1/0	23.50	22.51	22.89	22.17
	1/12	23.50	22.44	22.66	22.21		1/24	23.50	22.32	22.47	21.92
	1/24	23.50	22.48	22.48	22.25		1/49	23.50	22.49	22.58	22.36
	12/0	22.50	21.35	21.30	21.06		25/0	22.50	21.33	21.29	20.97
	12/6	22.50	21.44	21.26	21.10		25/12	22.50	21.41	21.19	21.03
	12/13	22.50	21.39	21.24	21.14		25/25	22.50	21.49	21.08	21.17
	25/0	22.50	21.26	21.20	20.98		50/0	22.50	21.37	21.21	21.04
64QAM	1/0	22.50	21.20	21.60	21.19	64QAM	1/0	22.50	21.89	21.61	21.43
	1/12	22.50	21.19	21.54	21.34		1/24	22.50	21.70	21.25	21.13
	1/24	22.50	21.22	21.33	21.37		1/49	22.50	21.91	21.32	21.58
	12/0	21.50	20.26	20.06	20.02		25/0	21.50	20.35	20.24	19.95
	12/6	21.50	20.37	20.05	20.05		25/12	21.50	20.40	20.20	20.02
	12/13	21.50	20.31	20.00	20.12		25/25	21.50	20.47	20.09	20.17
	25/0	21.50	20.20	20.09	20.02		50/0	21.50	20.38	20.18	19.99

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/ 821.5	26865/ 831	26965/ 841.5
QPSK	1/0	24.50	23.51	**23.60**	23.16
	1/37	24.50	23.32	23.18	22.79
	1/74	24.50	23.56	23.36	23.49
	36/0	23.50	22.49	22.36	22.15
	36/19	23.50	22.52	**22.58**	22.00
	36/39	23.50	22.20	21.92	21.88
	75/0	23.50	22.41	22.26	22.00
16QAM	1/0	23.50	22.52	22.95	22.67
	1/37	23.50	22.30	22.54	22.28
	1/74	23.50	22.63	22.79	22.94
	36/0	22.50	21.72	22.38	21.12
	36/19	22.50	21.54	21.33	20.93
	36/39	22.50	21.24	20.98	20.89
	75/0	22.50	21.43	21.28	21.00
64QAM	1/0	22.50	21.95	22.34	21.68
	1/37	22.50	21.72	21.88	21.27
	1/74	22.50	21.99	22.18	21.93
	36/0	21.50	20.74	21.38	20.24
	36/19	21.50	20.51	20.23	20.06
	36/39	21.50	20.22	19.86	19.92
	75/0	21.50	20.38	20.25	20.06

Up Antenna

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/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)		
			26697/ 814.7	26865/ 831	27033/ 848.3				26705/ 815.5	26865/ 831	27025/ 847.5
QPSK	1/0	24.50	23.39	23.27	23.32	QPSK	1/0	24.50	23.51	23.28	23.34
	1/2	24.50	23.47	23.34	23.34		1/7	24.50	23.48	23.27	23.43
	1/5	24.50	23.37	23.28	23.31		1/14	24.50	23.46	23.26	23.39
	3/0	24.50	23.40	23.27	23.26		8/0	23.50	22.37	22.35	22.31
	3/1	24.50	23.45	23.30	23.31		8/3	23.50	22.45	22.30	22.36
	3/3	24.50	23.32	23.23	23.34		8/7	23.50	22.45	22.30	22.41
	6/0	23.50	22.38	22.26	22.28		15/0	23.50	22.41	22.34	22.37
16QAM	1/0	23.50	22.55	22.49	22.78	16QAM	1/0	23.50	22.39	22.79	22.37
	1/2	23.50	22.68	22.52	22.78		1/7	23.50	22.44	22.83	22.45
	1/5	23.50	22.54	22.49	22.76		1/14	23.50	22.36	22.75	22.39
	3/0	23.50	22.46	22.38	22.52		8/0	22.50	21.47	21.44	21.37
	3/1	23.50	22.50	22.41	22.53		8/3	22.50	21.56	21.45	21.40
	3/3	23.50	22.39	22.35	22.50		8/7	22.50	21.55	21.37	21.39
	6/0	22.50	21.61	21.50	21.24		15/0	22.50	21.43	21.36	21.28
64QAM	1/0	22.50	21.46	21.60	21.73	64QAM	1/0	22.50	21.77	21.75	21.38
	1/2	22.50	21.57	21.58	21.83		1/7	22.50	21.80	21.78	21.60
	1/5	22.50	21.42	21.55	21.70		1/14	22.50	21.78	21.69	21.46
	3/0	22.50	21.53	21.24	21.64		8/0	21.50	20.39	20.41	20.34
	3/1	22.50	21.63	21.28	21.68		8/3	21.50	20.47	20.44	20.39
	3/3	22.50	21.48	21.24	21.66		8/7	21.50	20.48	20.38	20.39
	6/0	21.50	20.73	20.36	20.31		15/0	21.50	20.37	20.33	20.39

LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/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)		
			26715/ 816.5	26865/ 831	27015/ 846.5				26740/ 819	26865/ 831	26990/ 844
QPSK	1/0	24.50	23.50	23.42	23.28	QPSK	1/0	24.50	23.62	23.64	23.42
	1/12	24.50	23.49	23.35	23.39		1/24	24.50	23.45	23.33	23.23
	1/24	24.50	23.52	23.20	23.42		1/49	24.50	23.63	23.41	23.62
	12/0	23.50	22.41	22.36	22.30		25/0	23.50	22.48	22.41	22.16
	12/6	23.50	22.47	22.32	22.38		25/12	23.50	22.54	22.38	22.23
	12/13	23.50	22.45	22.29	22.41		25/25	23.50	22.61	22.29	22.39
	25/0	23.50	22.42	22.36	22.34		50/0	23.50	22.57	22.38	22.34
16QAM	1/0	23.50	22.62	22.89	22.38	16QAM	1/0	23.50	22.67	22.71	22.42
	1/12	23.50	22.61	22.88	22.48		1/24	23.50	22.45	22.33	22.14
	1/24	23.50	22.65	22.73	22.51		1/49	23.50	22.66	22.42	22.60
	12/0	22.50	21.51	21.50	21.36		25/0	22.50	21.50	21.53	21.20
	12/6	22.50	21.58	21.47	21.38		25/12	22.50	21.59	21.47	21.29
	12/13	22.50	21.56	21.46	21.41		25/25	22.50	21.66	21.37	21.41
	25/0	22.50	21.47	21.40	21.28		50/0	22.50	21.56	21.46	21.30
64QAM	1/0	22.50	21.38	21.78	21.70	64QAM	1/0	22.50	21.96	22.08	21.54
	1/12	22.50	21.38	21.80	21.76		1/24	22.50	21.74	21.72	21.32
	1/24	22.50	21.43	21.58	21.80		1/49	22.50	21.96	21.82	21.77
	12/0	21.50	20.43	20.29	20.24		25/0	21.50	20.51	20.49	20.24
	12/6	21.50	20.54	20.29	20.28		25/12	21.50	20.61	20.43	20.32
	12/13	21.50	20.49	20.23	20.30		25/25	21.50	20.71	20.30	20.46
	25/0	21.50	20.39	20.33	20.30		50/0	21.50	20.57	20.40	20.37

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/ 821.5	26865/ 831	26965/ 841.5
QPSK	1/0	24.50	**23.63**	**23.75**	23.45
	1/37	24.50	23.43	23.28	23.11
	1/74	24.50	23.59	23.54	**23.74**
	36/0	23.50	**22.82**	22.44	22.42
	36/19	23.50	22.62	22.49	22.24
	36/39	23.50	22.32	22.18	22.14
	75/0	23.50	22.43	**22.49**	22.26
16QAM	1/0	23.50	22.67	23.14	22.84
	1/37	23.50	22.46	22.76	22.52
	1/74	23.50	22.68	22.99	23.16
	36/0	22.50	21.87	22.39	21.35
	36/19	22.50	21.68	21.51	21.19
	36/39	22.50	21.35	21.16	21.08
	75/0	22.50	21.55	21.42	21.25
64QAM	1/0	22.50	22.11	21.83	22.09
	1/37	22.50	21.92	21.47	21.79
	1/74	22.50	22.14	21.66	22.41
	36/0	21.50	20.85	21.36	20.35
	36/19	21.50	20.68	20.46	20.22
	36/39	21.50	20.37	20.12	20.06
	75/0	21.50	20.55	20.41	20.26

Note: The tested channels are marks in bold.

13. Conducted power measurement results of LTE B38

Down Antenna

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/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)		
			37775/ 2572.5	38000/ 2595	38225/ 2617.5				37800/ 2575	38000/ 2595	38200/ 2615
QPSK	1/0	24.00	23.11	23.12	22.94	QPSK	1/0	24.00	23.11	23.14	23.02
	1/12	24.00	23.03	23.07	23.10		1/24	24.00	22.95	22.98	23.01
	1/24	24.00	23.19	23.01	23.05		1/49	24.00	23.17	23.15	23.11
	12/0	23.00	21.98	21.84	21.91		25/0	23.00	21.92	21.90	21.90
	12/6	23.00	21.93	21.89	21.79		25/12	23.00	21.87	21.91	21.79
	12/13	23.00	21.86	21.86	21.76		25/25	23.00	21.97	21.88	21.86
	25/0	23.00	21.90	21.86	21.81		50/0	23.00	21.90	21.90	21.83
16QAM	1/0	23.00	22.07	21.69	21.71	16QAM	1/0	23.00	22.21	22.15	22.24
	1/12	23.00	22.00	21.76	21.75		1/24	23.00	21.85	21.83	21.98
	1/24	23.00	21.99	21.66	21.73		1/49	23.00	22.25	22.14	22.30
	12/0	22.00	20.97	20.86	20.81		25/0	22.00	20.92	20.86	20.92
	12/6	22.00	20.94	20.88	20.76		25/12	22.00	20.86	20.86	20.83
	12/13	22.00	20.93	20.82	20.71		25/25	22.00	21.00	20.83	20.88
	25/0	22.00	20.87	20.87	20.83		50/0	22.00	20.92	20.94	20.86
64QAM	1/0	22.00	21.15	20.50	21.16	64QAM	1/0	22.00	20.80	21.27	21.10
	1/12	22.00	21.10	20.55	21.17		1/24	22.00	20.42	21.05	20.82
	1/24	22.00	20.87	20.47	21.22		1/49	22.00	20.84	21.31	21.13
	12/0	21.00	19.84	19.83	19.96		25/0	21.00	19.95	19.79	19.81
	12/6	21.00	19.78	19.83	19.86		25/12	21.00	19.83	19.82	19.68
	12/13	21.00	19.73	19.76	19.83		25/25	21.00	19.95	19.79	19.73
	25/0	21.00	19.78	19.85	19.74		50/0	21.00	19.88	19.84	19.79

LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/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)		
			37825/ 2577.5	38000/ 2595	38175/ 2612.5				37850/ 2580	38000/ 2595	38150/ 2610
QPSK	1/0	24.00	23.19	23.10	23.01	QPSK	1/0	24.00	**23.22**	23.07	23.13
	1/37	24.00	22.93	23.08	23.08		1/50	24.00	23.07	22.96	23.15
	1/74	24.00	23.15	23.10	23.10		1/99	24.00	23.16	23.09	23.06
	36/0	23.00	21.92	21.83	21.78		50/0	23.00	21.91	21.83	21.79
	36/19	23.00	21.98	21.87	21.79		50/25	23.00	**22.06**	21.88	21.83
	36/39	23.00	21.99	21.93	21.94		50/50	23.00	22.01	21.92	21.88
	75/0	23.00	21.98	21.87	21.86		100/0	23.00	22.04	21.92	21.91
16QAM	1/0	23.00	22.18	22.11	22.18	16QAM	1/0	23.00	21.93	21.72	21.91
	1/37	23.00	21.94	21.83	21.98		1/50	23.00	21.81	21.64	21.76
	1/74	23.00	22.16	22.07	22.19		1/99	23.00	22.17	21.99	22.18
	36/0	22.00	20.92	20.74	20.77		50/0	22.00	20.87	20.81	20.79
	36/19	22.00	20.96	20.80	20.79		50/25	22.00	20.93	20.83	20.85
	36/39	22.00	21.00	20.82	20.93		50/50	22.00	20.96	20.89	20.89
	75/0	22.00	20.99	20.86	20.88		100/0	22.00	20.96	20.93	20.85
64QAM	1/0	22.00	20.82	21.29	21.06	64QAM	1/0	22.00	21.44	20.67	20.98
	1/37	22.00	20.54	21.04	20.87		1/50	22.00	21.42	20.68	20.97
	1/74	22.00	20.80	21.36	21.14		1/99	22.00	21.70	20.95	20.95
	36/0	21.00	19.96	19.82	19.71		50/0	21.00	19.87	19.78	19.77
	36/19	21.00	20.03	19.84	19.71		50/25	21.00	19.96	19.82	19.81
	36/39	21.00	20.04	19.84	19.84		50/50	21.00	20.04	19.81	19.84
	75/0	21.00	19.98	19.82	19.84		100/0	21.00	19.96	19.84	19.84

Up Antenna_Receiver on

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/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)		
			37775/ 2572.5	38000/ 2595	38225/ 2617.5				37800/ 2575	38000/ 2595	38200/ 2615
QPSK	1/0	20.00	18.90	18.76	18.69	QPSK	1/0	20.00	19.03	19.09	18.97
	1/12	20.00	18.77	18.71	18.69		1/24	20.00	18.66	18.93	18.59
	1/24	20.00	18.75	18.70	18.76		1/49	20.00	19.07	18.86	18.95
	12/0	20.00	18.81	18.77	18.85		25/0	20.00	18.75	18.81	18.82
	12/6	20.00	18.74	18.80	18.78		25/12	20.00	18.74	18.83	18.78
	12/13	20.00	18.72	18.73	18.74		25/25	20.00	18.85	18.92	18.84
	25/0	20.00	18.74	18.82	18.76		50/0	20.00	18.78	18.84	18.80
16QAM	1/0	20.00	18.95	19.01	19.02	16QAM	1/0	20.00	18.57	18.75	18.89
	1/12	20.00	18.94	18.90	18.95		1/24	20.00	18.61	18.80	18.98
	1/24	20.00	19.14	19.13	19.10		1/49	20.00	18.64	18.73	18.90
	12/0	20.00	18.94	18.84	18.85		25/0	20.00	18.77	18.82	18.86
	12/6	20.00	18.91	18.84	18.80		25/12	20.00	18.77	18.83	18.82
	12/13	20.00	18.84	18.84	18.74		25/25	20.00	18.85	18.85	18.87
	25/0	20.00	18.78	18.86	18.83		50/0	20.00	18.76	18.90	18.87
64QAM	1/0	20.00	19.09	19.16	18.63	64QAM	1/0	20.00	19.00	19.08	18.85
	1/12	20.00	18.80	18.89	18.93		1/24	20.00	18.62	18.93	18.84
	1/24	20.00	19.01	19.14	19.07		1/49	20.00	19.05	19.15	18.85
	12/0	20.00	18.74	18.88	18.99		25/0	20.00	18.80	18.75	18.75
	12/6	20.00	18.69	18.89	18.88		25/12	20.00	18.74	18.78	18.70
	12/13	20.00	18.70	18.91	18.83		25/25	20.00	18.88	18.84	18.79
	25/0	20.00	18.65	18.81	18.77		50/0	20.00	18.72	18.82	18.76

LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/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)		
			37825/ 2577.5	38000/ 2595	38175/ 2612.5				37850/ 2580	38000/ 2595	38150/ 2610
QPSK	1/0	20.00	19.07	19.10	19.06	QPSK	1/0	20.00	18.82	18.77	18.80
	1/37	20.00	18.90	18.93	18.79		1/50	20.00	18.86	18.86	18.73
	1/74	20.00	18.93	18.95	18.89		1/99	20.00	19.12	**19.17**	19.08
	36/0	20.00	18.76	18.67	18.73		50/0	20.00	18.76	18.70	18.75
	36/19	20.00	18.85	18.72	18.72		50/25	20.00	18.87	18.75	18.70
	36/39	20.00	18.90	18.77	18.85		50/50	20.00	18.80	**18.90**	18.78
	75/0	20.00	18.90	18.76	18.70		100/0	20.00	18.89	18.79	18.73
16QAM	1/0	20.00	18.99	19.09	19.12	16QAM	1/0	20.00	18.91	19.03	19.14
	1/37	20.00	19.15	18.86	19.14		1/50	20.00	18.85	19.09	19.11
	1/74	20.00	19.05	19.11	19.13		1/99	20.00	18.91	18.99	19.10
	36/0	20.00	18.75	18.67	18.74		50/0	20.00	18.71	18.76	18.73
	36/19	20.00	18.87	18.71	18.74		50/25	20.00	18.85	18.76	18.68
	36/39	20.00	18.90	18.75	18.87		50/50	20.00	18.93	18.79	18.77
	75/0	20.00	18.89	18.74	18.74		100/0	20.00	18.89	18.77	18.73
64QAM	1/0	20.00	18.99	18.55	18.70	64QAM	1/0	20.00	18.87	18.90	18.90
	1/37	20.00	18.84	18.35	19.04		1/50	20.00	18.92	18.97	18.87
	1/74	20.00	19.07	18.63	18.43		1/99	20.00	18.89	18.58	18.89
	36/0	20.00	18.78	18.74	18.64		50/0	20.00	18.77	18.77	18.74
	36/19	20.00	18.95	18.79	18.65		50/25	20.00	18.89	18.77	18.67
	36/39	20.00	18.98	18.84	18.81		50/50	20.00	18.91	18.85	18.76
	75/0	20.00	18.87	18.75	18.73		100/0	20.00	18.88	18.77	18.71

Up Antenna_Receiver off

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/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)		
			37775/ 2572.5	38000/ 2595	38225/ 2617.5				37800/ 2575	38000/ 2595	38200/ 2615
QPSK	1/0	24.00	23.46	23.29	23.43	QPSK	1/0	24.00	23.63	23.64	23.61
	1/12	24.00	23.38	23.31	23.45		1/24	24.00	23.34	23.64	23.38
	1/24	24.00	23.34	23.31	23.47		1/49	24.00	23.60	23.70	23.64
	12/0	23.00	22.47	22.43	22.52		25/0	23.00	22.43	22.49	22.46
	12/6	23.00	22.43	22.48	22.42		25/12	23.00	22.41	22.51	22.48
	12/13	23.00	22.40	22.43	22.39		25/25	23.00	22.50	22.58	22.51
	25/0	23.00	22.40	22.45	22.41		50/0	23.00	22.47	22.51	22.50
16QAM	1/0	23.00	22.57	22.27	22.28	16QAM	1/0	23.00	22.66	22.86	22.68
	1/12	23.00	22.46	22.30	22.36		1/24	23.00	22.34	22.56	22.44
	1/24	23.00	22.44	22.30	22.34		1/49	23.00	22.69	22.84	22.64
	12/0	22.00	21.47	21.42	21.44		25/0	22.00	21.42	21.45	21.44
	12/6	22.00	21.43	21.45	21.37		25/12	22.00	21.39	21.47	21.42
	12/13	22.00	21.42	21.40	21.32		25/25	22.00	21.52	21.52	21.49
	25/0	22.00	21.35	21.43	21.40		50/0	22.00	21.42	21.51	21.45
64QAM	1/0	22.00	21.59	21.08	21.82	64QAM	1/0	22.00	21.26	21.87	21.74
	1/12	22.00	21.49	21.13	21.84		1/24	22.00	20.95	21.67	21.46
	1/24	22.00	21.38	21.14	21.84		1/49	22.00	21.36	21.85	21.78
	12/0	21.00	20.33	20.41	20.59		25/0	21.00	20.44	20.38	20.33
	12/6	21.00	20.27	20.42	20.48		25/12	21.00	20.39	20.41	20.33
	12/13	21.00	20.28	20.36	20.43		25/25	21.00	20.49	20.50	20.34
	25/0	21.00	20.24	20.43	20.36		50/0	21.00	20.39	20.43	20.39

LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/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)		
			37825/ 2577.5	38000/ 2595	38175/ 2612.5				37850/ 2580	38000/ 2595	38150/ 2610
QPSK	1/0	24.00	23.60	23.60	23.58	QPSK	1/0	24.00	23.52	23.39	23.37
	1/37	24.00	23.47	23.39	23.26		1/50	24.00	23.50	23.40	23.31
	1/74	24.00	23.72	23.57	23.61		1/99	24.00	**23.74**	**23.60**	**23.57**
	36/0	23.00	22.42	22.35	22.37		50/0	23.00	22.47	22.38	22.36
	36/19	23.00	22.50	22.39	22.33		50/25	23.00	22.49	22.45	22.34
	36/39	23.00	22.54	22.43	22.47		50/50	23.00	**22.54**	22.46	22.41
	75/0	23.00	22.47	22.40	22.28		100/0	23.00	**22.55**	22.47	22.40
16QAM	1/0	23.00	22.66	22.68	22.54	16QAM	1/0	23.00	22.58	22.27	22.23
	1/37	23.00	22.49	22.41	22.33		1/50	23.00	22.49	22.28	22.15
	1/74	23.00	22.75	22.65	22.57		1/99	23.00	22.79	22.55	22.47
	36/0	22.00	21.43	21.35	21.34		50/0	22.00	21.42	21.35	21.37
	36/19	22.00	21.50	21.41	21.33		50/25	22.00	21.50	21.37	21.32
	36/39	22.00	21.51	21.37	21.43		50/50	22.00	21.54	21.38	21.40
	75/0	22.00	21.53	21.42	21.32		100/0	22.00	21.51	21.38	21.36
64QAM	1/0	22.00	21.30	21.85	21.60	64QAM	1/0	22.00	21.65	21.77	21.19
	1/37	22.00	21.10	21.59	21.41		1/50	22.00	21.61	21.88	21.14
	1/74	22.00	21.32	21.87	21.61		1/99	22.00	21.83	21.82	21.46
	36/0	21.00	20.48	20.35	20.31		50/0	21.00	20.40	20.38	20.38
	36/19	21.00	20.56	20.42	20.29		50/25	21.00	20.51	20.40	20.34
	36/39	21.00	20.55	20.40	20.43		50/50	21.00	20.51	20.42	20.40
	75/0	21.00	20.48	20.38	20.33		100/0	21.00	20.54	20.38	20.32

Note: The tested channels are marks in bold.

14. Conducted power measurement results of LTE B41

Down Antenna

LTE B41/BW=5M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40065/ 2537.5	40440/ 2575	40840/ 2615	41215/ 2652.5
QPSK	1/0	24.00	22.74	22.75	22.69	22.51
	1/12	24.00	22.69	22.71	22.27	22.21
	1/24	24.00	22.68	22.58	22.16	22.12
	12/0	23.00	21.53	21.61	21.39	21.26
	12/6	23.00	21.50	21.57	21.35	21.29
	12/13	23.00	21.50	21.59	21.35	21.26
	25/0	23.00	21.52	21.57	21.35	21.28
16QAM	1/0	23.00	21.75	21.80	21.68	21.56
	1/12	23.00	21.71	21.71	21.40	21.40
	1/24	23.00	21.72	21.58	21.26	21.30
	12/0	22.00	20.56	20.64	20.46	20.30
	12/6	22.00	20.58	20.61	20.42	20.35
	12/13	22.00	20.52	20.61	20.36	20.30
	25/0	22.00	20.47	20.54	20.43	20.31
64QAM	1/0	22.00	20.35	20.28	20.81	20.60
	1/12	22.00	20.33	20.26	20.50	20.23
	1/24	22.00	20.23	20.12	20.39	20.18
	12/0	21.00	19.57	19.56	19.38	19.09
	12/6	21.00	19.54	19.54	19.32	19.13
	12/13	21.00	19.48	19.51	19.29	19.07
	25/0	21.00	19.51	19.57	19.29	19.09

LTE B41/BW=10M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40090/ 2540	40440/ 2575	40840/ 2615	41190/ 2650
QPSK	1/0	24.00	22.66	22.63	22.75	22.69
	1/24	24.00	22.41	22.50	22.28	22.16
	1/49	24.00	22.60	22.56	22.61	22.47
	25/0	23.00	21.52	21.47	21.46	21.35
	25/12	23.00	21.52	21.46	21.36	21.26
	25/25	23.00	21.44	21.39	21.33	21.35
	50/0	23.00	21.55	21.51	21.39	21.27
16QAM	1/0	23.00	21.90	21.79	21.97	21.86
	1/24	23.00	21.57	21.51	21.61	21.41
	1/49	23.00	21.70	21.69	21.82	21.57
	25/0	22.00	20.58	20.57	20.53	20.33
	25/12	22.00	20.58	20.57	20.43	20.19
	25/25	22.00	20.50	20.49	20.42	20.28
	50/0	22.00	20.59	20.59	20.51	20.29
64QAM	1/0	22.00	20.34	20.35	20.85	20.66
	1/24	22.00	20.14	20.12	20.46	20.17
	1/49	22.00	20.31	20.30	20.76	20.41
	25/0	21.00	19.55	19.60	19.39	19.15
	25/12	21.00	19.55	19.55	19.33	19.07
	25/25	21.00	19.45	19.49	19.25	19.12
	50/0	21.00	19.54	19.56	19.37	19.13

LTE B41/BW=15M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40115/ 2542.5	40440/ 2575	40840/ 2615	41165/ 2647.5
QPSK	1/0	24.00	22.39	22.41	22.14	22.29
	1/37	24.00	22.76	22.68	22.49	22.60
	1/74	24.00	22.19	22.19	22.05	22.07
	36/0	23.00	21.85	21.75	21.51	21.66
	36/19	23.00	21.82	21.67	21.57	21.57
	36/39	23.00	21.46	21.31	21.21	21.21
	75/0	23.00	21.61	21.48	21.37	21.52
16QAM	1/0	23.00	21.33	21.32	21.24	21.25
	1/37	23.00	21.69	21.61	21.53	21.63
	1/74	23.00	21.17	21.13	21.06	21.03
	36/0	22.00	20.80	20.73	20.51	20.60
	36/19	22.00	20.74	20.68	20.55	20.52
	36/39	22.00	20.37	20.32	20.16	20.12
	75/0	22.00	20.55	20.50	20.32	20.41
64QAM	1/0	22.00	20.22	20.16	20.18	20.17
	1/37	22.00	20.27	20.19	20.54	20.52
	1/74	22.00	20.03	20.01	20.28	20.26
	36/0	21.00	19.85	19.76	19.39	19.48
	36/19	21.00	19.85	19.71	19.48	19.44
	36/39	21.00	19.47	19.38	19.10	19.03
	75/0	21.00	19.47	19.41	19.34	19.37

LTE B41/BW=20M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40140/ 2545	40440/ 2575	40840/ 2615	41140/ 2645
QPSK	1/0	24.00	**22.91**	22.76	22.63	22.71
	1/50	24.00	22.83	22.66	22.53	22.63
	1/99	24.00	22.84	22.67	22.59	22.46
	50/0	23.00	21.80	21.74	21.54	21.66
	50/25	23.00	**21.84**	21.67	21.51	21.63
	50/50	23.00	21.75	21.69	21.49	21.60
	100/0	23.00	21.81	21.66	21.54	21.63
16QAM	1/0	23.00	21.75	21.67	21.61	21.72
	1/50	23.00	21.66	21.56	21.53	21.54
	1/99	23.00	21.70	21.53	21.53	21.56
	50/0	22.00	20.69	20.69	20.53	20.59
	50/25	22.00	20.73	20.65	20.54	20.57
	50/50	22.00	20.65	20.64	20.52	20.52
	100/0	22.00	20.77	20.65	20.52	20.52
64QAM	1/0	22.00	21.20	21.19	20.71	20.70
	1/50	22.00	21.21	21.16	20.71	20.67
	1/99	22.00	21.14	21.09	20.66	20.56
	50/0	21.00	19.71	19.72	19.49	19.57
	50/25	21.00	19.73	19.68	19.55	19.55
	50/50	21.00	19.64	19.69	19.51	19.47
	100/0	21.00	19.68	19.64	19.57	19.54

Up Antenna_Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40065/ 2537.5	40440/ 2575	40840/ 2615	41215/ 2652.5
QPSK	1/0	21.00	20.44	20.00	20.40	20.69
	1/12	21.00	20.38	19.94	19.87	20.49
	1/24	21.00	20.25	19.95	19.86	20.38
	12/0	21.00	19.97	19.74	19.60	19.85
	12/6	21.00	19.95	19.77	19.59	19.82
	12/13	21.00	19.91	19.78	19.53	19.87
	25/0	21.00	19.86	19.77	19.49	19.74
16QAM	1/0	21.00	20.51	20.15	20.56	20.57
	1/12	21.00	20.54	20.08	20.17	20.17
	1/24	21.00	20.51	20.02	20.14	20.09
	12/0	21.00	20.11	19.87	19.85	19.78
	12/6	21.00	20.10	19.86	19.80	19.68
	12/13	21.00	20.09	19.85	19.71	19.77
	25/0	21.00	19.98	19.85	19.72	19.83
64QAM	1/0	21.00	20.00	19.92	20.09	20.22
	1/12	21.00	19.87	19.86	19.69	19.83
	1/24	21.00	19.95	19.76	19.72	19.70
	12/0	21.00	20.00	19.85	19.73	19.71
	12/6	21.00	19.96	19.83	19.69	19.66
	12/13	21.00	19.93	19.83	19.64	19.70
	25/0	21.00	19.96	19.81	19.72	19.81

LTE B41/BW=10M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40090/ 2540	40440/ 2575	40840/ 2615	41190/ 2650
QPSK	1/0	21.00	20.17	20.01	20.31	20.20
	1/24	21.00	19.93	19.81	19.89	19.60
	1/49	21.00	20.07	19.94	20.06	19.82
	25/0	21.00	19.97	19.86	19.80	19.84
	25/12	21.00	20.00	19.86	19.78	19.77
	25/25	21.00	19.87	19.78	19.70	19.71
	50/0	21.00	20.00	19.86	19.78	19.75
16QAM	1/0	21.00	20.68	20.27	20.64	20.75
	1/24	21.00	20.68	20.05	20.13	20.07
	1/49	21.00	20.62	20.32	20.33	20.26
	25/0	21.00	20.14	19.85	19.80	19.86
	25/12	21.00	20.05	19.85	19.79	19.75
	25/25	21.00	19.89	19.78	19.68	19.71
	50/0	21.00	20.05	19.84	19.84	19.77
64QAM	1/0	21.00	20.18	19.89	20.71	20.31
	1/24	21.00	19.97	19.64	20.14	19.75
	1/49	21.00	20.07	19.83	20.30	19.97
	25/0	21.00	20.00	19.76	19.62	19.85
	25/12	21.00	20.02	19.76	19.66	19.78
	25/25	21.00	19.86	19.69	19.57	19.71
	50/0	21.00	19.95	19.69	19.67	19.73

LTE B41/BW=15M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40115/ 2542.5	40440/ 2575	40840/ 2615	41165/ 2647.5
QPSK	1/0	21.00	19.91	19.67	19.61	19.73
	1/37	21.00	20.26	20.10	20.01	20.19
	1/74	21.00	19.46	19.17	19.14	19.29
	36/0	21.00	20.28	20.03	19.94	20.07
	36/19	21.00	20.23	20.07	20.03	20.00
	36/39	21.00	19.90	19.59	19.53	19.66
	75/0	21.00	20.05	19.72	19.81	19.97
16QAM	1/0	21.00	20.18	19.90	20.00	20.03
	1/37	21.00	20.52	20.34	20.44	20.44
	1/74	21.00	19.76	19.40	19.61	19.56
	36/0	21.00	20.23	20.04	19.95	20.07
	36/19	21.00	20.19	20.09	19.99	20.04
	36/39	21.00	19.82	19.57	19.54	19.64
	75/0	21.00	20.07	19.74	19.80	19.95
64QAM	1/0	21.00	19.87	19.54	20.16	19.69
	1/37	21.00	20.26	19.99	20.56	20.15
	1/74	21.00	19.43	19.09	19.64	19.26
	36/0	21.00	20.36	20.10	20.04	20.18
	36/19	21.00	20.33	20.15	20.07	20.14
	36/39	21.00	19.96	19.68	19.61	19.74
	75/0	21.00	19.98	19.73	19.79	19.93

LTE B41/BW=20M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40140/ 2545	40440/ 2575	40840/ 2615	41140/ 2645
QPSK	1/0	21.00	**20.68**	**20.76**	**20.21**	**20.70**
	1/50	21.00	20.67	20.76	20.19	20.58
	1/99	21.00	20.59	20.66	20.14	20.60
	50/0	21.00	20.10	20.03	19.96	**20.35**
	50/25	21.00	20.13	20.07	19.99	20.28
	50/50	21.00	20.09	19.95	19.86	20.25
	100/0	21.00	20.10	**20.23**	19.92	19.91
16QAM	1/0	21.00	20.51	20.48	20.46	20.63
	1/50	21.00	20.51	20.46	20.40	20.45
	1/99	21.00	20.41	20.34	20.38	20.58
	50/0	21.00	20.09	20.00	19.97	20.33
	50/25	21.00	20.09	20.06	20.01	20.27
	50/50	21.00	20.02	19.92	19.90	20.27
	100/0	21.00	20.07	19.90	19.98	20.21
64QAM	1/0	21.00	20.18	20.20	20.16	20.29
	1/50	21.00	20.18	20.15	20.18	20.28
	1/99	21.00	20.12	20.06	20.08	20.26
	50/0	21.00	20.13	20.13	20.02	20.34
	50/25	21.00	20.09	20.17	20.04	20.28
	50/50	21.00	20.06	19.98	19.94	20.25
	100/0	21.00	20.11	19.97	20.05	20.22

Up Antenna_Receiver off

LTE B41/BW=5M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40065/ 2537.5	40440/ 2575	40840/ 2615	41215/ 2652.5
QPSK	1/0	24.00	23.25	23.22	23.33	23.42
	1/12	24.00	23.21	23.17	22.98	22.96
	1/24	24.00	23.24	23.07	22.99	22.91
	12/0	23.00	22.23	22.20	21.97	21.86
	12/6	23.00	22.18	22.17	21.88	21.79
	12/13	23.00	22.18	22.17	21.87	21.88
	25/0	23.00	22.18	22.16	21.91	21.89
16QAM	1/0	23.00	22.20	21.98	22.43	22.42
	1/12	23.00	22.10	21.99	22.06	22.09
	1/24	23.00	22.07	21.87	22.06	22.04
	12/0	22.00	21.19	21.05	21.10	20.90
	12/6	22.00	21.17	21.03	21.03	20.83
	12/13	22.00	21.17	21.14	21.02	20.91
	25/0	22.00	21.15	21.14	20.97	20.88
64QAM	1/0	22.00	21.42	20.92	21.47	21.71
	1/12	22.00	21.36	20.86	21.09	21.43
	1/24	22.00	21.23	20.73	21.10	21.34
	12/0	21.00	20.11	20.18	19.95	20.06
	12/6	21.00	20.08	20.16	19.87	20.02
	12/13	21.00	20.06	20.14	19.86	20.09
	25/0	21.00	20.05	20.21	19.84	19.96

LTE B41/BW=10M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40090/ 2540	40440/ 2575	40840/ 2615	41190/ 2650
QPSK	1/0	24.00	23.24	23.33	23.41	23.33
	1/24	24.00	22.98	23.00	22.83	22.78
	1/49	24.00	23.13	23.14	23.04	22.96
	25/0	23.00	22.09	22.11	22.01	21.93
	25/12	23.00	22.09	22.18	21.93	21.86
	25/25	23.00	22.01	22.10	21.99	21.78
	50/0	23.00	22.14	22.19	21.89	21.83
16QAM	1/0	23.00	22.39	22.37	22.64	22.56
	1/24	23.00	22.28	22.11	22.17	22.00
	1/49	23.00	22.32	22.21	22.35	22.15
	25/0	22.00	21.18	21.18	21.09	20.90
	25/12	22.00	21.21	21.19	21.02	20.84
	25/25	22.00	21.11	21.12	21.08	20.81
	50/0	22.00	21.23	21.20	21.11	20.84
64QAM	1/0	22.00	21.01	20.96	21.40	21.35
	1/24	22.00	20.80	20.74	21.01	20.93
	1/49	22.00	20.92	20.87	21.24	21.09
	25/0	21.00	20.27	20.25	19.97	19.94
	25/12	21.00	20.21	20.22	19.88	19.84
	25/25	21.00	20.14	20.10	19.98	19.77
	50/0	21.00	20.22	20.19	19.96	19.91

LTE B41/BW=15M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40115/ 2542.5	40440/ 2575	40840/ 2615	41165/ 2647.5
QPSK	1/0	24.00	22.93	22.90	22.86	22.80
	1/37	24.00	23.33	23.30	23.19	23.15
	1/74	24.00	22.53	22.42	22.29	22.27
	36/0	23.00	22.40	22.33	22.20	22.22
	36/19	23.00	22.38	22.42	22.22	22.13
	36/39	23.00	22.03	21.92	21.85	21.70
	75/0	23.00	22.16	22.10	22.05	22.01
16QAM	1/0	23.00	21.98	21.90	21.94	21.87
	1/37	23.00	22.40	22.32	22.28	22.24
	1/74	23.00	21.54	21.45	21.34	21.36
	36/0	22.00	21.41	21.36	21.22	21.23
	36/19	22.00	21.33	21.41	21.26	21.18
	36/39	22.00	21.00	20.95	20.88	20.77
	75/0	22.00	21.16	21.09	21.04	21.02
64QAM	1/0	22.00	20.56	20.52	20.85	20.82
	1/37	22.00	20.92	20.96	21.19	21.20
	1/74	22.00	20.10	20.04	20.28	20.26
	36/0	21.00	20.49	20.45	20.17	20.15
	36/19	21.00	20.48	20.50	20.20	20.13
	36/39	21.00	20.09	20.03	19.80	19.69
	75/0	21.00	20.09	20.07	20.07	20.03

LTE B41/BW=20M		Average Conducted Power(dBm)				
Modula -tion	RB Size/ Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40140/ 2545	40440/ 2575	40840/ 2615	41140/ 2645
QPSK	1/0	24.00	23.42	**23.48**	23.31	23.23
	1/50	24.00	23.38	23.38	23.21	23.23
	1/99	24.00	23.32	23.33	23.19	23.06
	50/0	23.00	**22.45**	22.38	22.21	22.19
	50/25	23.00	22.39	22.41	22.24	22.18
	50/50	23.00	22.36	22.29	22.20	22.10
	100/0	23.00	22.32	22.31	22.21	22.20
16QAM	1/0	23.00	22.33	22.37	22.30	22.26
	1/50	23.00	22.28	22.31	22.22	22.19
	1/99	23.00	22.22	22.20	22.12	22.19
	50/0	22.00	21.40	21.33	21.23	21.22
	50/25	22.00	21.34	21.39	21.24	21.19
	50/50	22.00	21.31	21.24	21.18	21.15
	100/0	22.00	21.34	21.26	21.16	21.18
64QAM	1/0	22.00	21.87	21.87	21.45	21.71
	1/50	22.00	21.86	21.86	21.43	21.71
	1/99	22.00	21.74	21.74	21.29	21.57
	50/0	21.00	20.42	20.39	20.30	20.23
	50/25	21.00	20.42	20.41	20.26	20.24
	50/50	21.00	20.38	20.33	20.19	20.18
	100/0	21.00	20.36	20.26	20.25	20.17

Note: The tested channels are marks in bold.

15. Conducted power measurement results of LTE B66

Down Antenna

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	24.00	22.89	22.71	22.72	QPSK	1/0	24.00	22.80	22.84	22.76
	1/2	24.00	22.95	22.84	22.76		1/7	24.00	22.88	22.73	22.80
	1/5	24.00	22.89	22.74	22.71		1/14	24.00	22.74	22.72	22.67
	3/0	24.00	22.87	22.74	22.66		8/0	23.00	21.89	21.75	21.78
	3/1	24.00	22.91	22.73	22.68		8/3	23.00	21.89	21.76	21.78
	3/3	24.00	22.87	22.74	22.66		8/7	23.00	21.86	21.71	21.74
	6/0	23.00	21.83	21.68	21.73		15/0	23.00	21.90	21.74	21.80
16QAM	1/0	23.00	21.96	22.12	21.76	16QAM	1/0	23.00	21.79	22.16	21.87
	1/2	23.00	21.99	22.15	21.75		1/7	23.00	21.78	22.13	21.83
	1/5	23.00	22.00	22.05	21.77		1/14	23.00	21.63	22.08	21.77
	3/0	23.00	21.88	21.91	21.94		8/0	22.00	21.07	20.89	20.85
	3/1	23.00	21.91	21.92	21.97		8/3	22.00	21.05	20.86	20.90
	3/3	23.00	21.88	21.84	21.91		8/7	22.00	20.98	20.79	20.84
	6/0	22.00	21.06	20.61	20.90		15/0	22.00	20.95	20.78	20.78
64QAM	1/0	22.00	21.07	21.11	20.92	64QAM	1/0	22.00	21.30	20.87	21.10
	1/2	22.00	21.12	21.18	20.99		1/7	22.00	21.23	20.89	21.06
	1/5	22.00	21.13	21.05	20.89		1/14	22.00	21.11	20.84	20.97
	3/0	22.00	20.88	21.05	20.92		8/0	21.00	19.98	19.83	19.79
	3/1	22.00	20.88	21.12	20.93		8/3	21.00	20.03	19.84	19.81
	3/3	22.00	20.84	21.05	20.91		8/7	21.00	19.97	19.78	19.78
	6/0	21.00	19.97	19.68	20.08		15/0	21.00	19.93	19.80	19.91

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	24.00	23.06	22.95	22.95	QPSK	1/0	24.00	23.03	22.87	22.80
	1/12	24.00	22.94	22.84	22.82		1/24	24.00	23.09	22.95	22.88
	1/24	24.00	22.98	22.83	22.75		1/49	24.00	23.17	23.08	23.03
	12/0	23.00	21.94	21.83	21.87		25/0	23.00	21.80	21.72	21.68
	12/6	23.00	21.83	21.77	21.82		25/12	23.00	21.98	21.81	21.85
	12/13	23.00	21.85	21.74	21.79		25/25	23.00	21.97	21.80	21.88
	25/0	23.00	21.85	21.79	21.80		50/0	23.00	21.92	21.79	21.79
16QAM	1/0	23.00	22.15	22.38	22.01	16QAM	1/0	23.00	21.33	21.10	21.59
	1/12	23.00	21.97	22.28	21.93		1/24	23.00	21.94	21.70	22.19
	1/24	23.00	22.06	22.19	21.88		1/49	23.00	22.27	22.16	22.58
	12/0	22.00	21.07	20.99	20.96		25/0	22.00	20.93	20.76	20.73
	12/6	22.00	20.97	20.93	20.91		25/12	22.00	21.11	20.84	20.91
	12/13	22.00	20.97	20.86	20.90		25/25	22.00	21.09	20.86	20.94
	25/0	22.00	20.90	20.85	20.82		50/0	22.00	21.03	20.77	20.90
64QAM	1/0	22.00	21.28	20.87	21.27	64QAM	1/0	22.00	20.66	20.24	20.42
	1/12	22.00	21.17	20.76	21.17		1/24	22.00	21.18	20.86	20.93
	1/24	22.00	21.20	20.69	21.14		1/49	22.00	21.58	21.38	21.40
	12/0	21.00	20.08	19.85	19.82		25/0	21.00	19.85	19.82	19.77
	12/6	21.00	19.94	19.82	19.81		25/12	21.00	20.01	19.87	19.93
	12/13	21.00	19.97	19.79	19.75		25/25	21.00	19.98	19.92	19.98
	25/0	21.00	19.94	19.76	19.81		50/0	21.00	19.97	19.81	19.82

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/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)		
			132047/ 1717.5	132322/ 1745	132597/ 1772.5				132072/ 1720	132322/ 1745	132572/ 1770
QPSK	1/0	24.00	23.03	23.11	22.94	QPSK	1/0	24.00	23.07	22.89	22.82
	1/37	24.00	22.92	22.91	22.77		1/50	24.00	23.16	22.64	22.91
	1/74	24.00	22.83	22.85	22.73		1/99	24.00	**23.21**	**23.23**	**23.19**
	36/0	23.00	21.88	22.85	21.79		50/0	23.00	21.78	21.73	21.63
	36/19	23.00	21.81	21.82	21.66		50/25	23.00	21.84	**21.88**	**21.72**
	36/39	23.00	21.79	21.72	21.60		50/50	23.00	**21.84**	21.82	21.69
	75/0	23.00	21.83	21.82	21.66		100/0	23.00	**21.79**	21.78	21.67
16QAM	1/0	23.00	22.04	22.50	22.43	16QAM	1/0	23.00	22.14	22.18	22.14
	1/37	23.00	21.78	22.20	22.11		1/50	23.00	22.32	21.43	22.16
	1/74	23.00	21.89	22.27	22.23		1/99	23.00	22.65	22.58	22.52
	36/0	22.00	20.93	21.89	20.82		50/0	22.00	20.89	20.77	20.69
	36/19	22.00	20.86	20.91	20.68		50/25	22.00	20.90	20.85	20.76
	36/39	22.00	20.81	20.76	20.66		50/50	22.00	20.93	20.89	20.75
	75/0	22.00	20.85	20.83	20.72		100/0	22.00	20.85	20.85	20.73
64QAM	1/0	22.00	21.42	21.17	21.63	64QAM	1/0	22.00	21.01	21.31	20.87
	1/37	22.00	21.19	20.92	21.27		1/50	22.00	21.16	20.42	20.94
	1/74	22.00	21.24	21.00	21.44		1/99	22.00	21.48	21.73	21.25
	36/0	21.00	19.93	20.92	19.84		50/0	21.00	19.90	19.79	19.69
	36/19	21.00	19.88	19.92	19.73		50/25	21.00	19.91	19.86	19.76
	36/39	21.00	19.82	19.77	19.66		50/50	21.00	19.92	19.92	19.75
	75/0	21.00	19.85	19.81	19.73		100/0	21.00	19.81	19.79	19.70

Up Antenna_Receiver on

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	17.00	16.43	16.52	16.44	QPSK	1/0	17.00	16.45	16.61	16.53
	1/2	17.00	16.48	16.54	16.51		1/7	17.00	16.43	16.59	16.56
	1/5	17.00	16.40	16.47	16.45		1/14	17.00	16.41	16.49	16.45
	3/0	17.00	16.38	16.49	16.49		8/0	17.00	16.48	16.52	16.56
	3/1	17.00	16.41	16.50	16.52		8/3	17.00	16.46	16.54	16.55
	3/3	17.00	16.40	16.43	16.50		8/7	17.00	16.47	16.48	16.52
	6/0	17.00	16.39	16.46	16.49		15/0	17.00	16.49	16.53	16.55
16QAM	1/0	17.00	16.47	16.61	16.87	16QAM	1/0	17.00	16.44	16.93	16.64
	1/2	17.00	16.51	16.65	16.93		1/7	17.00	16.47	16.92	16.64
	1/5	17.00	16.47	16.61	16.87		1/14	17.00	16.43	16.86	16.54
	3/0	17.00	16.64	16.55	16.68		8/0	17.00	16.56	16.62	16.58
	3/1	17.00	16.64	16.58	16.72		8/3	17.00	16.56	16.64	16.58
	3/3	17.00	16.62	16.52	16.66		8/7	17.00	16.55	16.58	16.55
	6/0	17.00	16.62	16.62	16.40		15/0	17.00	16.49	16.56	16.49
64QAM	1/0	17.00	16.46	16.92	16.95	64QAM	1/0	17.00	16.45	16.73	16.54
	1/2	17.00	16.52	16.94	16.83		1/7	17.00	16.39	16.90	16.56
	1/5	17.00	16.47	16.90	16.76		1/14	17.00	16.29	16.80	16.58
	3/0	17.00	16.62	16.68	16.82		8/0	17.00	16.61	16.53	16.52
	3/1	17.00	16.68	16.71	16.83		8/3	17.00	16.52	16.49	16.56
	3/3	17.00	16.61	16.63	16.77		8/7	17.00	16.49	16.51	16.60
	6/0	17.00	16.62	16.39	16.48		15/0	17.00	16.41	16.40	16.43

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	17.00	16.69	16.70	16.73	QPSK	1/0	17.00	15.82	15.97	15.94
	1/12	17.00	16.63	16.53	16.60		1/24	17.00	16.34	16.53	16.47
	1/24	17.00	16.51	16.51	16.62		1/49	17.00	16.91	16.92	16.98
	12/0	17.00	16.53	16.61	16.60		25/0	17.00	16.45	16.50	16.45
	12/6	17.00	16.53	16.57	16.53		25/12	17.00	16.45	16.55	16.60
	12/13	17.00	16.51	16.49	16.54		25/25	17.00	16.56	16.61	16.67
	25/0	17.00	16.50	16.55	16.56		50/0	17.00	16.43	16.55	16.61
16QAM	1/0	17.00	16.79	16.88	16.86	16QAM	1/0	17.00	15.88	16.30	16.06
	1/12	17.00	16.74	16.73	16.72		1/24	17.00	16.35	16.86	16.57
	1/24	17.00	16.62	16.56	16.70		1/49	17.00	16.92	16.89	16.95
	12/0	17.00	16.59	16.73	16.66		25/0	17.00	16.46	16.58	16.56
	12/6	17.00	16.60	16.68	16.58		25/12	17.00	16.46	16.61	16.66
	12/13	17.00	16.60	16.63	16.58		25/25	17.00	16.57	16.60	16.70
	25/0	17.00	16.51	16.62	16.49		50/0	17.00	16.40	16.61	16.60
64QAM	1/0	17.00	16.51	16.75	16.42	64QAM	1/0	17.00	15.99	16.47	15.47
	1/12	17.00	16.65	16.77	16.69		1/24	17.00	16.24	16.89	16.58
	1/24	17.00	16.31	16.74	16.53		1/49	17.00	15.78	16.39	16.17
	12/0	17.00	16.40	16.50	16.46		25/0	17.00	16.23	16.32	16.30
	12/6	17.00	16.47	16.53	16.58		25/12	17.00	16.22	16.40	16.60
	12/13	17.00	16.45	16.55	16.52		25/25	17.00	16.19	16.31	16.51
	25/0	17.00	16.34	16.38	16.41		50/0	17.00	16.12	16.35	16.33

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/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)		
			132047/ 1717.5	132322/ 1745	132597/ 1772.5				132072/ 1720	132322/ 1745	132572/ 1770
QPSK	1/0	17.00	16.68	16.78	16.86	QPSK	1/0	17.00	16.32	16.41	16.41
	1/37	17.00	16.33	16.47	16.45		1/50	17.00	16.37	16.42	16.45
	1/74	17.00	16.54	16.69	16.69		1/99	17.00	16.93	16.96	**16.98**
	36/0	17.00	16.50	16.69	16.61		50/0	17.00	16.32	16.42	16.48
	36/19	17.00	16.37	16.46	16.47		50/25	17.00	16.43	16.46	16.49
	36/39	17.00	16.43	16.48	16.44		50/50	17.00	**16.58**	16.50	16.55
	75/0	17.00	16.37	16.48	16.45		100/0	17.00	16.41	16.49	16.49
16QAM	1/0	17.00	16.69	16.72	16.76	16QAM	1/0	17.00	16.85	16.96	16.87
	1/37	17.00	16.36	16.81	16.93		1/50	17.00	16.93	16.47	16.89
	1/74	17.00	16.59	16.62	16.77		1/99	17.00	16.83	16.78	16.72
	36/0	17.00	16.51	16.65	16.58		50/0	17.00	16.33	16.41	16.47
	36/19	17.00	16.36	16.51	16.45		50/25	17.00	16.45	16.49	16.56
	36/39	17.00	16.42	16.52	16.42		50/50	17.00	16.47	16.56	16.58
	75/0	17.00	16.38	16.49	16.47		100/0	17.00	16.44	16.46	16.51
64QAM	1/0	17.00	16.24	16.78	16.51	64QAM	1/0	17.00	16.75	16.78	16.42
	1/37	17.00	16.20	16.83	16.80		1/50	17.00	16.72	16.35	16.14
	1/74	17.00	16.18	16.61	16.89		1/99	17.00	16.82	16.72	16.80
	36/0	17.00	16.24	16.61	16.07		50/0	17.00	16.17	16.38	16.00
	36/19	17.00	16.20	16.52	16.34		50/25	17.00	16.29	16.45	16.27
	36/39	17.00	16.28	16.39	16.41		50/50	17.00	16.35	16.30	16.35
	75/0	17.00	16.21	16.38	16.31		100/0	17.00	16.26	16.37	16.12

Up Antenna_Receiver off

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	24.00	23.27	23.05	23.23	QPSK	1/0	24.00	23.20	23.20	23.25
	1/2	24.00	23.31	23.19	23.24		1/7	24.00	23.30	23.30	23.27
	1/5	24.00	23.25	23.17	23.22		1/14	24.00	23.29	23.25	23.24
	3/0	24.00	23.28	23.20	23.16		8/0	23.00	22.31	22.15	22.32
	3/1	24.00	23.31	23.25	23.20		8/3	23.00	22.30	22.27	22.30
	3/3	24.00	23.25	23.24	23.18		8/7	23.00	22.28	22.23	22.29
	6/0	23.00	22.24	22.21	22.24		15/0	23.00	22.31	22.26	22.28
16QAM	1/0	23.00	22.28	22.22	22.62	16QAM	1/0	23.00	22.17	22.58	22.34
	1/2	23.00	22.29	22.38	22.62		1/7	23.00	22.21	22.62	22.29
	1/5	23.00	22.29	22.33	22.62		1/14	23.00	22.17	22.61	22.29
	3/0	23.00	22.40	22.27	22.45		8/0	22.00	21.41	21.27	21.35
	3/1	23.00	22.49	22.25	22.48		8/3	22.00	21.42	21.38	21.36
	3/3	23.00	22.44	22.21	22.44		8/7	22.00	21.38	21.32	21.32
	6/0	22.00	21.45	21.39	21.16		15/0	22.00	21.32	21.30	21.24
64QAM	1/0	22.00	21.60	21.25	21.47	64QAM	1/0	22.00	21.63	21.26	21.40
	1/2	22.00	21.71	21.41	21.51		1/7	22.00	21.67	21.43	21.52
	1/5	22.00	21.62	21.29	21.48		1/14	22.00	21.58	21.35	21.38
	3/0	22.00	21.54	21.36	21.22		8/0	21.00	20.32	20.21	20.32
	3/1	22.00	21.69	21.41	21.28		8/3	21.00	20.38	20.34	20.36
	3/3	22.00	21.60	21.37	21.22		8/7	21.00	20.38	20.28	20.32
	6/0	21.00	20.22	20.51	20.35		15/0	21.00	20.28	20.29	20.33

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	24.00	23.46	23.37	23.43	QPSK	1/0	24.00	22.74	22.56	22.68
	1/12	24.00	23.40	23.33	23.30		1/24	24.00	23.29	23.19	23.31
	1/24	24.00	23.28	23.37	23.27		1/49	24.00	23.62	23.42	23.52
	12/0	23.00	22.33	22.23	22.31		25/0	23.00	22.26	22.15	22.30
	12/6	23.00	22.32	22.29	22.32		25/12	23.00	22.34	22.32	22.37
	12/13	23.00	22.22	22.23	22.26		25/25	23.00	22.34	22.36	22.44
	25/0	23.00	22.34	22.30	22.28		50/0	23.00	22.29	22.32	22.32
16QAM	1/0	23.00	22.56	22.45	22.57	16QAM	1/0	23.00	21.64	22.00	21.66
	1/12	23.00	22.48	22.43	22.48		1/24	23.00	22.19	22.60	22.27
	1/24	23.00	22.44	22.38	22.45		1/49	23.00	22.66	22.92	22.69
	12/0	22.00	21.43	21.34	21.41		25/0	22.00	21.29	21.18	21.37
	12/6	22.00	21.41	21.35	21.39		25/12	22.00	21.34	21.35	21.44
	12/13	22.00	21.33	21.31	21.39		25/25	22.00	21.35	21.37	21.48
	25/0	22.00	21.35	21.27	21.35		50/0	22.00	21.29	21.31	21.34
64QAM	1/0	22.00	21.31	21.69	21.67	64QAM	1/0	22.00	20.93	20.95	20.78
	1/12	22.00	21.30	21.61	21.56		1/24	22.00	21.47	21.56	21.43
	1/24	22.00	21.17	21.61	21.55		1/49	22.00	21.89	21.97	21.88
	12/0	21.00	20.36	20.18	20.40		25/0	21.00	20.36	20.21	20.37
	12/6	21.00	20.37	20.24	20.36		25/12	21.00	20.44	20.38	20.45
	12/13	21.00	20.26	20.21	20.33		25/25	21.00	20.40	20.38	20.51
	25/0	21.00	20.32	20.25	20.34		50/0	21.00	20.30	20.31	20.39

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/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)		
			132047/ 1717.5	132322/ 1745	132597/ 1772.5				132072/ 1720	132322/ 1745	132572/ 1770
QPSK	1/0	24.00	23.42	23.42	23.46	QPSK	1/0	24.00	23.12	23.01	23.17
	1/37	24.00	23.32	23.31	23.40		1/50	24.00	23.28	22.29	23.37
	1/74	24.00	23.32	23.42	23.41		1/99	24.00	23.54	23.44	**23.64**
	36/0	23.00	22.24	22.73	22.26		50/0	23.00	22.16	22.19	22.20
	36/19	23.00	22.24	22.20	22.27		50/25	23.00	22.22	22.22	**22.31**
	36/39	23.00	22.16	22.20	22.18		50/50	23.00	22.29	22.26	22.26
	75/0	23.00	22.26	22.20	22.26		100/0	23.00	22.17	22.19	22.28
16QAM	1/0	23.00	22.36	22.84	22.44	16QAM	1/0	23.00	22.53	22.55	22.46
	1/37	23.00	22.17	22.59	22.18		1/50	23.00	22.69	21.29	22.62
	1/74	23.00	22.20	22.68	22.25		1/99	23.00	22.98	22.98	22.89
	36/0	22.00	21.25	21.83	21.28		50/0	22.00	21.18	21.17	21.14
	36/19	22.00	21.27	21.16	21.31		50/25	22.00	21.22	21.21	21.29
	36/39	22.00	21.15	21.18	21.17		50/50	22.00	21.29	21.27	21.23
	75/0	22.00	21.25	21.20	21.28		100/0	22.00	21.19	21.17	21.25
64QAM	1/0	22.00	21.81	21.75	21.65	64QAM	1/0	22.00	21.40	21.73	21.36
	1/37	22.00	21.90	21.52	21.39		1/50	22.00	21.54	20.38	21.53
	1/74	22.00	21.94	21.64	21.46		1/99	22.00	21.85	21.86	21.78
	36/0	21.00	20.25	20.64	20.38		50/0	21.00	20.20	20.19	20.14
	36/19	21.00	20.26	20.25	20.39		50/25	21.00	20.30	20.22	20.34
	36/39	21.00	20.14	20.22	20.27		50/50	21.00	20.38	20.29	20.25
	75/0	21.00	20.29	20.18	20.30		100/0	21.00	20.17	20.15	20.26

Up Antenna_Hotspot

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	21.00	19.52	19.36	19.33	QPSK	1/0	21.00	19.38	19.34	19.33
	1/2	21.00	19.56	19.44	19.45		1/7	21.00	19.37	19.52	19.34
	1/5	21.00	19.48	19.33	19.38		1/14	21.00	19.34	19.41	19.34
	3/0	21.00	19.46	19.40	19.36		8/0	21.00	19.44	19.40	19.34
	3/1	21.00	19.48	19.45	19.40		8/3	21.00	19.38	19.37	19.36
	3/3	21.00	19.42	19.35	19.37		8/7	21.00	19.35	19.38	19.41
	6/0	21.00	19.42	19.31	19.36		15/0	21.00	19.37	19.34	19.33
16QAM	1/0	21.00	19.65	19.78	20.10	16QAM	1/0	21.00	19.61	20.14	19.86
	1/2	21.00	19.67	19.84	20.12		1/7	21.00	19.65	20.12	19.81
	1/5	21.00	19.67	19.76	20.08		1/14	21.00	19.58	20.04	19.76
	3/0	21.00	19.77	19.74	19.89		8/0	21.00	19.76	19.81	19.79
	3/1	21.00	19.83	19.76	19.93		8/3	21.00	19.79	19.79	19.81
	3/3	21.00	19.75	19.68	19.83		8/7	21.00	19.74	19.74	19.76
	6/0	21.00	19.80	19.83	19.58		15/0	21.00	19.69	19.70	19.68
64QAM	1/0	21.00	19.81	19.88	19.75	64QAM	1/0	21.00	19.96	19.76	20.02
	1/2	21.00	19.88	19.56	19.84		1/7	21.00	19.94	19.83	19.96
	1/5	21.00	19.88	19.99	19.75		1/14	21.00	19.94	19.73	19.93
	3/0	21.00	19.51	19.97	19.78		8/0	21.00	19.66	19.75	19.71
	3/1	21.00	19.59	19.82	19.86		8/3	21.00	19.70	19.76	19.73
	3/3	21.00	19.52	19.96	19.83		8/7	21.00	19.68	19.68	19.68
	6/0	21.00	19.65	19.64	19.96		15/0	21.00	19.60	19.71	19.77

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	21.00	19.36	19.24	19.36	QPSK	1/0	21.00	19.22	19.15	19.33
	1/12	21.00	19.53	19.54	19.51		1/24	21.00	19.28	19.52	19.52
	1/24	21.00	19.18	19.24	19.30		1/49	21.00	19.13	19.02	19.18
	12/0	21.00	19.33	19.33	19.38		25/0	21.00	19.27	19.31	19.23
	12/6	21.00	19.41	19.38	19.42		25/12	21.00	19.25	19.36	19.50
	12/13	21.00	19.40	19.39	19.35		25/25	21.00	19.20	19.26	19.30
	25/0	21.00	19.35	19.32	19.34		50/0	21.00	19.18	19.32	19.31
16QAM	1/0	21.00	19.96	19.98	20.01	16QAM	1/0	21.00	19.07	19.50	19.22
	1/12	21.00	19.89	19.92	19.88		1/24	21.00	19.56	20.07	19.74
	1/24	21.00	19.78	20.07	19.89		1/49	21.00	19.43	19.58	19.62
	12/0	21.00	19.79	19.91	19.87		25/0	21.00	19.65	19.74	19.75
	12/6	21.00	19.77	19.85	19.80		25/12	21.00	19.69	19.80	19.89
	12/13	21.00	19.76	19.85	19.80		25/25	21.00	19.80	19.81	19.92
	25/0	21.00	19.73	19.79	19.71		50/0	21.00	19.63	19.76	19.81
64QAM	1/0	21.00	19.71	20.06	20.10	64QAM	1/0	21.00	19.39	19.22	19.39
	1/12	21.00	19.62	20.05	20.01		1/24	21.00	19.90	19.76	19.92
	1/24	21.00	19.52	19.99	19.99		1/49	21.00	19.45	19.56	19.63
	12/0	21.00	19.71	19.73	19.85		25/0	21.00	19.67	19.76	19.73
	12/6	21.00	19.72	19.65	19.79		25/12	21.00	19.72	19.82	19.87
	12/13	21.00	19.69	19.64	19.78		25/25	21.00	19.76	19.84	19.93
	25/0	21.00	19.68	19.70	19.76		50/0	21.00	19.67	19.79	19.76

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/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)		
			132047/ 1717.5	132322/ 1745	132597/ 1772.5				132072/ 1720	132322/ 1745	132572/ 1770
QPSK	1/0	21.00	19.26	19.48	20.05	QPSK	1/0	21.00	19.52	19.57	19.58
	1/37	21.00	19.24	19.67	19.65		1/50	21.00	19.57	19.59	19.64
	1/74	21.00	19.15	19.83	19.86		1/99	21.00	20.08	20.10	**20.26**
	36/0	21.00	19.28	19.83	19.81		50/0	21.00	19.49	19.61	19.62
	36/19	21.00	19.23	19.65	19.68		50/25	21.00	19.59	19.65	**19.78**
	36/39	21.00	19.25	19.64	19.64		50/50	21.00	19.59	19.69	19.75
	75/0	21.00	19.23	19.66	19.66		100/0	21.00	19.59	19.68	19.70
16QAM	1/0	21.00	19.87	19.86	20.11	16QAM	1/0	21.00	20.07	20.12	20.05
	1/37	21.00	19.52	20.01	19.89		1/50	21.00	19.83	19.66	20.10
	1/74	21.00	19.71	20.19	19.92		1/99	21.00	19.93	19.86	19.88
	36/0	21.00	19.70	20.02	19.78		50/0	21.00	19.57	19.57	19.62
	36/19	21.00	19.59	19.72	19.66		50/25	21.00	19.69	19.66	19.71
	36/39	21.00	19.59	19.69	19.63		50/50	21.00	19.66	19.76	19.71
	75/0	21.00	19.60	19.68	19.67		100/0	21.00	19.66	19.66	19.71
64QAM	1/0	21.00	20.12	20.03	19.88	64QAM	1/0	21.00	19.84	20.14	19.91
	1/37	21.00	19.87	19.74	19.93		1/50	21.00	19.97	19.66	19.98
	1/74	21.00	20.02	19.90	19.92		1/99	21.00	20.02	20.11	19.93
	36/0	21.00	19.68	19.90	19.80		50/0	21.00	19.57	19.62	19.71
	36/19	21.00	19.58	19.71	19.69		50/25	21.00	19.70	19.69	19.76
	36/39	21.00	19.60	19.70	19.64		50/50	21.00	19.66	19.73	19.77
	75/0	21.00	19.56	19.65	19.72		100/0	21.00	19.64	19.63	19.71

Note: The tested channels are marks in bold.

16. Conducted power measurement results of BT

BT	Average Conducted Power(dBm)			
	Max. Tune up	CH0 2402MHz	CH39 2441MHz	CH78 2480MHz
DH5	12.00	10.96	**11.35**	10.75
2DH5	10.00	8.42	8.91	8.28
3DH5	10.00	8.40	8.82	8.25

BT	Average Conducted Power(dBm)			
	Max. Tune up	CH0 2402MHz	CH19 2441MHz	CH39 2480MHz
BLE(1M)	7.00	5.32	5.96	5.59

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

17. Conducted power measurement results of WiFi 2.4G

Receiver on

Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
802.11b	1	2412	**1**	16.00	**15.67**
	6	2437		16.00	15.52
	11	2462		16.00	15.51
802.11g	1	2412	6	15.00	14.55
	6	2437		15.00	14.64
	11	2462		15.00	14.57
802.11n HT20	1	2412	MCS0	15.00	14.46
	6	2437		15.00	14.59
	11	2462		15.00	14.46
802.11n HT40	3	2422	MCS0	14.00	13.53
	6	2437		14.00	13.72
	9	2452		14.00	13.45
802.11ac VHT20	1	2412	MCS0	14.50	14.04
	6	2437		14.50	14.37
	11	2462		14.50	14.46

Receiver off & Hotspot

Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
802.11b	1	2412	1	20.00	**19.77**
	6	2437		20.00	19.71
	11	2462		20.00	19.46
802.11g	1	2412	6	19.00	18.81
	6	2437		19.00	18.68
	11	2462		19.00	18.55
802.11n HT20	1	2412	MCS0	19.00	18.32
	6	2437		19.00	18.66
	11	2462		19.00	18.47
802.11n HT40	3	2422	MCS0	18.00	17.83
	6	2437		18.00	17.91
	9	2452		18.00	17.71
802.11ac VHT20	1	2412	MCS0	18.50	18.27
	6	2437		18.50	18.12
	11	2462		18.50	18.01

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.

18. 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	15.00	14.49
		40	5200		15.00	14.53
		44	5220		15.00	14.57
		48	5240		15.00	14.45
	802.11n HT20	36	5180	MCS0	14.00	13.59
		40	5200		14.00	13.71
		44	5220		14.00	13.77
		48	5240		14.00	13.86
	802.11n HT40	38	5190	MCS0	13.00	12.56
		46	5230		13.00	12.87
	802.11ac VHT20	36	5180	MCS0	15.00	14.55
		40	5200		15.00	14.51
		44	5220		15.00	14.56
		48	5240		15.00	14.43
	802.11ac VHT40	38	5190	MCS0	14.00	13.72
		46	5230		14.00	13.59
	802.11ac VHT80	42	5210	MCS0	13.00	12.86

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.2G	802.11a	36	5180	6	19.00	18.13
		40	5200		19.00	18.12
		44	5220		19.00	18.47
		48	5240		19.00	18.35
	802.11n HT20	36	5180	MCS0	18.00	17.49
		40	5200		18.00	17.70
		44	5220		18.00	17.79
		48	5240		18.00	17.62
	802.11n HT40	38	5190	MCS0	17.00	16.63
		46	5230		17.00	16.87
	802.11ac VHT20	36	5180	MCS0	19.00	18.90
		40	5200		19.00	18.80
		44	5220		19.00	18.70
		48	5240		19.00	18.94
	802.11ac VHT40	38	5190	MCS0	18.00	17.56
		46	5230		18.00	17.68
	802.11ac VHT80	42	5210	MCS0	17.00	16.49

Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.2G	802.11a	36	5180	6	17.00	**16.77**
		40	5200		17.00	16.68
		44	5220		17.00	16.54
		48	5240		17.00	16.64
	802.11n HT20	36	5180	MCS0	16.00	15.76
		40	5200		16.00	15.57
		44	5220		16.00	15.71
		48	5240		16.00	15.89
	802.11n HT40	38	5190	MCS0	15.00	14.68
		46	5230		15.00	14.91
	802.11ac VHT20	36	5180	MCS0	17.00	16.72
		40	5200		17.00	16.49
		44	5220		17.00	16.61
		48	5240		17.00	16.43
	802.11ac VHT40	38	5190	MCS0	16.00	15.79
		46	5230		16.00	15.56
	802.11ac VHT80	42	5210	MCS0	15.00	14.92

WiFi Antenna Simultaneous with 2G&3G&4G Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.2G	802.11a	36	5180	6	15.00	14.26
		40	5200		15.00	14.33
		44	5220		15.00	14.49
		48	5240		15.00	14.35
	802.11n HT20	36	5180	MCS0	14.00	13.73
		40	5200		14.00	13.77
		44	5220		14.00	13.80
		48	5240		14.00	13.79
	802.11n HT40	38	5190	MCS0	13.00	12.58
		46	5230		13.00	12.85
	802.11ac VHT20	36	5180	MCS0	15.00	14.85
		40	5200		15.00	14.82
		44	5220		15.00	14.45
		48	5240		15.00	14.39
	802.11ac VHT40	38	5190	MCS0	14.00	13.71
		46	5230		14.00	13.41
	802.11ac VHT80	42	5210	MCS0	13.00	12.30

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

19. 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	15.00	14.57
		56	5280		15.00	14.55
		60	5300		15.00	14.52
		64	5320		15.00	14.53
	802.11n HT20	52	5260	MCS0	14.00	13.86
		56	5280		14.00	13.63
		60	5300		14.00	13.61
		64	5320		14.00	13.55
	802.11n HT40	54	5270	MCS0	13.00	12.83
		62	5310		13.00	12.59
	802.11ac VHT20	52	5260	MCS0	15.00	14.52
		56	5280		15.00	**14.84**
		60	5300		15.00	14.22
		64	5320		15.00	14.30
	802.11ac VHT40	54	5270	MCS0	14.00	13.55
		62	5310		14.00	13.87
	802.11ac VHT80	58	5290	MCS0	13.00	12.86

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.3G	802.11a	52	5260	6	19.00	18.65
		56	5280		19.00	18.37
		60	5300		19.00	18.51
		64	5320		19.00	18.44
	802.11n HT20	52	5260	MCS0	18.00	17.82
		56	5280		18.00	17.66
		60	5300		18.00	17.61
		64	5320		18.00	17.52
	802.11n HT40	54	5270	MCS0	17.00	16.67
		62	5310		17.00	16.43
	802.11ac VHT20	52	5260	MCS0	19.00	18.97
		56	5280		19.00	18.87
		60	5300		19.00	**18.98**
		64	5320		19.00	18.66
	802.11ac VHT40	54	5270	MCS0	18.00	17.63
		62	5310		18.00	17.43
	802.11ac VHT80	58	5290	MCS0	17.00	16.47

Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.3G	802.11a	52	5260	6	17.00	16.69
		56	5280		17.00	16.73
		60	5300		17.00	16.71
		64	5320		17.00	16.75
	802.11n HT20	52	5260	MCS0	16.00	15.90
		56	5280		16.00	15.73
		60	5300		16.00	15.65
		64	5320		16.00	15.62
	802.11n HT40	54	5270	MCS0	15.00	14.62
		62	5310		15.00	14.86
	802.11ac VHT20	52	5260	MCS0	17.00	16.81
		56	5280		17.00	16.73
		60	5300		17.00	16.66
		64	5320		17.00	16.57
	802.11ac VHT40	54	5270	MCS0	16.00	15.67
		62	5310		16.00	15.51
	802.11ac VHT80	58	5290	MCS0	15.00	14.53

WiFi Antenna Simultaneous with 2G&3G&4G 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	13.37
		56	5280		14.00	13.36
		60	5300		14.00	13.42
		64	5320		14.00	13.55
	802.11n HT20	52	5260	MCS0	13.00	12.86
		56	5280		13.00	12.83
		60	5300		13.00	12.89
		64	5320		13.00	12.42
	802.11n HT40	54	5270	MCS0	12.00	11.51
		62	5310		12.00	11.54
	802.11ac VHT20	52	5260	MCS0	14.00	13.72
		56	5280		14.00	**13.81**
		60	5300		14.00	13.53
		64	5320		14.00	13.56
	802.11ac VHT40	54	5270	MCS0	13.00	12.62
		62	5310		13.00	12.68
	802.11ac VHT80	58	5290	MCS0	12.00	11.62

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

20. 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	17.00	16.49
		104	5520		17.00	16.45
		108	5540		17.00	16.53
		112	5560		17.00	16.39
		116	5580		17.00	16.38
		132	5660		17.00	16.51
		136	5680		17.00	**16.95**
		140	5700		17.00	16.82
	802.11n HT20	100	5500	MCS0	16.00	15.36
		104	5520		16.00	15.62
		108	5540		16.00	15.51
		112	5560		16.00	15.49
		116	5580		16.00	15.39
		132	5660		16.00	15.56
		136	5680		16.00	15.72
		140	5700		16.00	15.67
	802.11n HT40	102	5510	MCS0	15.00	14.79
		110	5550		15.00	14.62
		118	5590		15.00	14.73
		126	5630		15.00	14.65
		134	5670		15.00	14.59

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11ac VHT20	100	5500	MCS0	17.00	16.47
		104	5520		17.00	16.43
		108	5540		17.00	16.45
		112	5560		17.00	16.82
		116	5580		17.00	16.86
		132	5660		17.00	16.67
		136	5680		17.00	16.56
		140	5700		17.00	16.79
	802.11ac VHT40	102	5510	MCS0	16.00	15.68
		110	5550		16.00	15.51
		118	5590		16.00	15.68
		126	5630		16.00	15.53
		134	5670		16.00	15.55
	802.11ac VHT80	106	5530	MCS0	15.00	14.79
		122	5610		15.00	14.62

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11a	100	5500	6	19.00	18.42
		104	5520		19.00	18.43
		108	5540		19.00	**18.99**
		112	5560		19.00	18.85
		116	5580		19.00	18.87
		132	5660		19.00	18.63
		136	5680		19.00	18.57
		140	5700		19.00	18.54
	802.11n HT20	100	5500	MCS0	18.00	17.51
		104	5520		18.00	17.41
		108	5540		18.00	17.42
		112	5560		18.00	17.30
		116	5580		18.00	17.39
		132	5660		18.00	17.53
		136	5680		18.00	17.58
		140	5700		18.00	17.63
	802.11n HT40	102	5510	MCS0	17.00	16.75
		110	5550		17.00	16.58
		118	5590		17.00	16.67
		126	5630		17.00	16.63
		134	5670		17.00	16.59

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11ac VHT20	100	5500	MCS0	19.00	18.57
		104	5520		19.00	18.51
		108	5540		19.00	18.65
		112	5560		19.00	18.47
		116	5580		19.00	18.42
		132	5660		19.00	18.86
		136	5680		19.00	18.72
		140	5700		19.00	18.73
	802.11ac VHT40	102	5510	MCS0	18.00	17.63
		110	5550		18.00	17.54
		118	5590		18.00	17.68
		126	5630		18.00	17.83
		134	5670		18.00	17.72
	802.11ac VHT80	106	5530	MCS0	17.00	16.73
		122	5610		17.00	16.81

Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11a	100	5500	6	19.00	18.50
		104	5520		19.00	18.42
		108	5540		19.00	18.95
		112	5560		19.00	18.93
		116	5580		19.00	18.89
		132	5660		19.00	18.61
		136	5680		19.00	18.64
		140	5700		19.00	18.51
	802.11n HT20	100	5500	MCS0	18.00	17.46
		104	5520		18.00	17.50
		108	5540		18.00	17.51
		112	5560		18.00	17.25
		116	5580		18.00	17.39
		132	5660		18.00	17.51
		136	5680		18.00	17.67
		140	5700		18.00	17.71
	802.11n HT40	102	5510	MCS0	17.00	16.81
		110	5550		17.00	16.63
		118	5590		17.00	16.73
		126	5630		17.00	16.72
		134	5670		17.00	16.58

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11ac VHT20	100	5500	MCS0	19.00	18.55
		104	5520		19.00	18.58
		108	5540		19.00	18.62
		112	5560		19.00	18.53
		116	5580		19.00	18.52
		132	5660		19.00	18.86
		136	5680		19.00	18.67
		140	5700		19.00	18.80
	802.11ac VHT40	102	5510	MCS0	18.00	17.64
		110	5550		18.00	17.59
		118	5590		18.00	17.65
		126	5630		18.00	17.93
		134	5670		18.00	17.74
	802.11ac VHT80	106	5530	MCS0	17.00	16.79
		122	5610		17.00	16.89

WiFi Antenna Simultaneous with 2G&3G&4G Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11a	100	5500	6	14.00	13.48
		104	5520		14.00	13.40
		108	5540		14.00	13.36
		112	5560		14.00	13.60
		116	5580		14.00	13.12
		132	5660		14.00	13.42
		136	5680		14.00	**13.69**
		140	5700		14.00	13.46
	802.11n HT20	100	5500	MCS0	13.00	12.79
		104	5520		13.00	12.82
		108	5540		13.00	12.77
		112	5560		13.00	12.66
		116	5580		13.00	12.54
		132	5660		13.00	12.80
		136	5680		13.00	12.78
		140	5700		13.00	12.81
	802.11n HT40	102	5510	MCS0	12.00	11.52
		110	5550		12.00	11.35
		118	5590		12.00	11.25
		126	5630		12.00	11.41
		134	5670		12.00	11.50

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11ac VHT20	100	5500	MCS0	14.00	13.46
		104	5520		14.00	13.49
		108	5540		14.00	13.41
		112	5560		14.00	13.20
		116	5580		14.00	13.65
		132	5660		14.00	13.46
		136	5680		14.00	13.48
		140	5700		14.00	13.43
	802.11ac VHT40	102	5510	MCS0	13.00	12.66
		110	5550		13.00	12.45
		118	5590		13.00	12.34
		126	5630		13.00	12.51
		134	5670		13.00	12.67
	802.11ac VHT80	106	5530	MCS0	12.00	11.65
		122	5610		12.00	11.60

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

21. 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	16.50	16.32
		153	5765		16.50	**16.48**
		157	5785		16.50	16.24
		161	5805		16.50	16.24
		165	5825		16.50	16.35
	802.11n HT20	149	5745	MCS0	16.50	16.20
		153	5765		16.50	16.00
		157	5785		16.50	16.10
		161	5805		16.50	16.12
		165	5825		16.50	16.20
	802.11n HT40	151	5755	MCS0	16.50	16.25
		159	5795		16.50	16.23
	802.11ac VHT20	149	5745	MCS0	16.50	16.22
		153	5765		16.50	16.27
		157	5785		16.50	16.10
		161	5805		16.50	16.14
		165	5825		16.50	16.23
	802.11ac VHT40	151	5755	MCS0	16.50	16.21
		159	5795		16.50	16.19
	802.11ac VHT80	155	5775	MCS0	16.50	16.30

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.8G	802.11a	149	5745	6	16.50	16.37
		153	5765		16.50	16.21
		157	5785		16.50	**16.47**
		161	5805		16.50	16.11
		165	5825		16.50	16.18
	802.11n HT20	149	5745	MCS0	16.50	16.36
		153	5765		16.50	16.12
		157	5785		16.50	16.03
		161	5805		16.50	16.12
		165	5825		16.50	16.20
	802.11n HT40	151	5755	MCS0	16.50	16.25
		159	5795		16.50	16.23
	802.11ac VHT20	149	5745	MCS0	16.50	16.22
		153	5765		16.50	16.27
		157	5785		16.50	16.10
		161	5805		16.50	16.14
		165	5825		16.50	16.23
	802.11ac VHT40	151	5755	MCS0	16.50	16.21
		159	5795		16.50	16.19
	802.11ac VHT80	155	5775	MCS0	16.50	16.30

Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.8G	802.11a	149	5745	6	16.50	16.37
		153	5765		16.50	16.43
		157	5785		16.50	**16.47**
		161	5805		16.50	16.24
		165	5825		16.50	16.35
	802.11n HT20	149	5745	MCS0	16.50	16.38
		153	5765		16.50	16.09
		157	5785		16.50	16.07
		161	5805		16.50	16.11
		165	5825		16.50	16.22
	802.11n HT40	151	5755	MCS0	16.50	16.24
		159	5795		16.50	16.30
	802.11ac VHT20	149	5745	MCS0	16.50	16.31
		153	5765		16.50	16.26
		157	5785		16.50	16.09
		161	5805		16.50	16.09
		165	5825		16.50	16.31
	802.11ac VHT40	151	5755	MCS0	16.50	16.31
		159	5795		16.50	16.14
	802.11ac VHT80	155	5775	MCS0	16.50	16.36

WiFi Antenna Simultaneous with 2G&3G&4G 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	**13.98**
		157	5785		14.00	13.89
		161	5805		14.00	13.57
		165	5825		14.00	13.34
	802.11n HT20	149	5745	MCS0	14.00	13.51
		153	5765		14.00	13.86
		157	5785		14.00	13.37
		161	5805		14.00	13.60
		165	5825		14.00	13.34
	802.11n HT40	151	5755	MCS0	14.00	13.41
		159	5795		14.00	13.82
	802.11ac VHT20	149	5745	MCS0	14.00	13.55
		153	5765		14.00	13.80
		157	5785		14.00	13.35
		161	5805		14.00	13.57
		165	5825		14.00	13.36
	802.11ac VHT40	151	5755	MCS0	14.00	13.44
		159	5795		14.00	13.80
	802.11ac VHT80	155	5775	MCS0	14.00	13.47

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