

Appendix F. Conducted Power Measurement Result

1. Conducted power measurement results of GSM850

Down Antenna Receiver on

GSM850		Max Burst Average Power (dBm)			Max Frame Average Power (dBm)				
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		33.50	32.74	32.68	32.59	24.31	23.55	23.49	23.40
GPRS /EDGE (GMSK)	1 Tx Slot	33.50	32.74	32.68	32.59	24.31	23.55	23.49	23.40
	2 Tx Slot	31.50	30.82	30.74	30.66	25.37	24.69	24.61	24.53
	3 Tx Slot	29.50	29.30	29.21	29.11	25.08	24.88	24.79	24.69
	4 Tx Slot	29.00	27.87	27.78	27.68	25.82	24.69	24.60	24.50
EDGE (8PSK)	1 Tx Slot	27.50	26.78	26.89	26.85	18.31	17.59	17.70	17.66
	2 Tx Slot	25.50	24.78	24.87	24.80	19.37	18.65	18.74	18.67
	3 Tx Slot	23.50	22.63	22.77	22.61	19.08	18.21	18.35	18.19
	4 Tx Slot	22.00	21.95	21.93	21.93	18.82	18.77	18.82	18.75

Down Antenna Receiver off

GSM850		Max Burst Average Power (dBm)			Max Frame Average Power (dBm)				
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		33.50	32.58	32.54	32.47	24.31	23.39	23.35	23.28
GPRS /EDGE (GMSK)	1 Tx Slot	33.50	32.58	32.54	32.47	24.31	23.39	23.35	23.28
	2 Tx Slot	31.50	30.30	30.22	30.15	25.37	24.17	24.09	24.02
	3 Tx Slot	29.50	28.60	28.50	28.40	25.08	24.18	24.08	23.98
	4 Tx Slot	29.00	27.34	27.24	27.13	25.82	24.16	24.06	23.95
EDGE (8PSK)	1 Tx Slot	27.50	26.78	26.59	26.62	18.31	17.59	17.40	17.43
	2 Tx Slot	25.50	23.92	23.95	23.88	19.37	17.79	17.82	17.75
	3 Tx Slot	23.50	22.00	22.06	21.90	19.08	17.58	17.64	17.48
	4 Tx Slot	22.00	20.55	20.62	20.55	18.82	17.37	17.44	17.37

Up Antenna_Receiver on

GSM850		Max Burst Average Power (dBm)			Max Frame Average Power (dBm)				
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		30.50	29.54	29.45	29.33	21.31	20.35	20.26	20.14
GPRS /EDGE (GMSK)	1 Tx Slot	30.50	29.54	29.45	29.33	21.31	20.35	20.26	20.14
	2 Tx Slot	28.50	26.64	26.52	26.53	22.37	20.51	20.39	20.28
	3 Tx Slot	26.50	24.96	24.86	24.72	22.08	20.54	20.44	20.30
	4 Tx Slot	25.50	23.67	23.60	23.55	22.32	21.08	20.42	20.27
EDGE (8PSK)	1 Tx Slot	24.50	23.22	23.30	23.23	14.81	14.03	14.11	14.04
	2 Tx Slot	22.00	20.05	20.03	20.08	15.87	13.86	13.90	13.83
	3 Tx Slot	20.00	18.11	18.20	18.09	15.58	13.69	13.78	13.67
	4 Tx Slot	18.50	16.81	16.84	16.73	15.32	13.63	13.66	13.55

Up Antenna_Receiver off

GSM850		Max Burst Average Power (dBm)			Max Frame Average Power (dBm)				
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		33.50	32.99	32.92	32.82	24.31	23.80	23.73	23.63
GPRS /EDGE (GMSK)	1 Tx Slot	33.50	32.99	32.92	32.82	24.31	23.80	23.73	23.63
	2 Tx Slot	31.50	30.65	30.56	30.46	25.37	24.52	24.43	24.33
	3 Tx Slot	29.50	28.95	28.85	28.72	25.08	24.53	24.43	24.30
	4 Tx Slot	29.00	27.70	27.59	27.45	25.82	24.52	24.41	24.27
EDGE (8PSK)	1 Tx Slot	27.50	27.33	27.41	27.28	18.31	18.14	18.22	18.09
	2 Tx Slot	25.50	24.52	24.46	24.59	19.37	17.89	18.03	17.96
	3 Tx Slot	23.50	23.30	23.18	23.22	19.08	17.72	17.80	17.64
	4 Tx Slot	22.00	21.87	21.96	21.77	18.82	17.53	17.56	17.43

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:

$$\text{Frame-averaged power} = 10 \times \log(\text{Burst-averaged power mW} \times \text{Slot used}/8)$$
- 4) The tested channels are marks in bold.

2. Conducted power measurement results of GSM1900

Down 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)		30.50	29.06	28.88	28.83	21.31	19.72	19.61	19.44
GPRS /EDGE (GMSK)	1 Tx Slot	30.50	29.06	28.88	28.83	21.31	19.72	19.61	19.44
	2 Tx Slot	28.50	27.04	26.90	26.70	22.37	20.91	20.77	20.57
	3 Tx Slot	27.50	25.82	25.75	25.52	23.08	21.40	21.33	21.10
	4 Tx Slot	25.50	24.03	23.82	23.64	22.32	20.85	20.64	20.46
EDGE (8PSK)	1 Tx Slot	26.50	25.86	25.77	25.54	17.31	16.67	16.58	16.35
	2 Tx Slot	25.00	23.52	23.42	23.15	18.87	17.39	17.29	17.02
	3 Tx Slot	23.50	21.83	21.87	21.53	19.08	17.41	17.45	17.11
	4 Tx Slot	22.50	21.03	20.96	20.82	19.32	17.85	17.78	17.64

Down Antenna Receiver off

GSM1900		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		27.50	25.54	25.57	25.56	18.31	16.35	16.32	16.37
GPRS /EDGE (GMSK)	1 Tx Slot	27.50	25.54	25.57	25.56	18.31	16.35	16.32	16.37
	2 Tx Slot	24.50	22.84	22.81	22.63	18.37	16.71	16.68	16.50
	3 Tx Slot	23.00	21.03	21.10	21.08	18.58	16.61	16.68	16.43
	4 Tx Slot	21.00	19.81	19.85	19.52	17.82	16.63	16.67	16.34
EDGE (8PSK)	1 Tx Slot	23.50	22.17	22.14	21.81	14.31	12.98	12.95	12.62
	2 Tx Slot	21.00	19.42	19.45	19.11	14.87	13.29	13.32	12.98
	3 Tx Slot	19.50	17.85	17.83	17.52	15.08	13.43	13.41	13.00
	4 Tx Slot	18.00	16.53	16.56	16.27	14.82	13.35	13.38	13.09

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)		25.50	24.94	24.90	24.73	17.81	15.75	15.71	15.54
GPRS /EDGE (GMSK)	1 Tx Slot	25.50	24.94	24.90	24.73	16.31	15.75	15.71	15.54
	2 Tx Slot	23.50	21.92	21.86	21.69	17.37	15.79	15.73	15.56
	3 Tx Slot	21.50	20.19	20.13	19.92	17.08	15.77	15.71	15.50
	4 Tx Slot	20.50	18.85	18.84	18.67	17.32	15.67	15.66	15.49
EDGE (8PSK)	1 Tx Slot	21.50	21.49	21.49	21.23	12.31	12.30	12.30	12.04
	2 Tx Slot	20.00	18.43	18.54	18.26	13.87	12.30	12.41	12.13
	3 Tx Slot	18.50	16.78	16.83	16.61	14.08	12.36	12.41	12.19
	4 Tx Slot	17.50	15.61	15.56	15.53	14.32	12.43	12.38	12.22

Up Antenna_Receiver off

GSM1900		Max Burst Average Power (dBm)			Max Frame Average Power (dBm)				
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		29.50	28.76	28.79	28.67	20.31	18.19	18.26	17.99
GPRS /EDGE (GMSK)	1 Tx Slot	29.50	28.66	28.70	28.67	20.31	18.19	18.26	17.99
	2 Tx Slot	27.50	26.78	26.82	26.79	21.37	18.27	18.22	18.05
	3 Tx Slot	26.50	25.16	25.22	25.17	22.08	18.23	18.16	18.00
	4 Tx Slot	24.50	23.65	23.72	23.64	21.32	18.11	18.07	17.88
EDGE (8PSK)	1 Tx Slot	25.50	25.41	25.38	25.44	16.31	14.57	14.59	14.34
	2 Tx Slot	24.00	23.10	23.16	23.11	17.87	14.84	14.83	14.60
	3 Tx Slot	22.50	21.18	21.27	21.20	18.08	14.73	14.82	14.50
	4 Tx Slot	21.50	20.70	20.73	20.70	18.32	14.68	14.75	14.48

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:

$$\text{Frame-averaged power} = 10 \times \log (\text{Burst-averaged power mW} \times \text{Slot used}/8)$$
- 4) The tested channels are marks in bold.

3. Conducted power measurement results of UMTS B2

Down 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	24.30	22.54	22.56	22.71
RMC 12.2K	24.30	22.54	22.56	22.71
HSDPA Subtest-1	23.00	22.62	22.61	22.73
HSDPA Subtest-2	23.00	22.56	22.53	22.68
HSDPA Subtest-3	22.50	22.03	22.02	22.17
HSDPA Subtest-4	22.50	22.06	22.03	22.15
HSUPA Subtest-1	22.50	20.75	20.72	20.78
HSUPA Subtest-2	21.50	20.64	20.69	20.70
HSUPA Subtest-3	22.50	21.66	21.54	21.62
HSUPA Subtest-4	21.50	20.27	20.22	20.30
HSUPA Subtest-5	23.50	21.58	21.56	21.70
HSPA+	22.00	20.84	20.47	20.63

Down 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	21.30	19.65	19.62	19.81
RMC 12.2K	21.30	19.65	19.62	19.81
HSDPA Subtest-1	20.00	19.78	19.72	19.83
HSDPA Subtest-2	20.00	19.71	19.68	19.80
HSDPA Subtest-3	19.50	19.21	19.19	19.28
HSDPA Subtest-4	19.50	19.22	19.16	19.22
HSUPA Subtest-1	19.50	18.16	18.06	18.15
HSUPA Subtest-2	18.50	18.05	18.00	18.11
HSUPA Subtest-3	19.50	18.71	18.65	18.77
HSUPA Subtest-4	18.50	17.31	17.22	17.33
HSUPA Subtest-5	20.50	18.73	18.72	18.84
HSPA+	19.00	18.70	18.61	18.74

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	17.30	15.95	15.93	16.05
RMC 12.2K	17.30	15.95	15.93	16.05
HSDPA Subtest-1	16.00	15.98	15.93	15.98
HSDPA Subtest-2	16.00	15.89	15.87	15.98
HSDPA Subtest-3	15.50	15.44	15.43	15.49
HSDPA Subtest-4	15.50	15.42	15.41	15.46
HSUPA Subtest-1	15.50	14.00	13.91	13.99
HSUPA Subtest-2	14.50	13.51	13.45	13.52
HSUPA Subtest-3	15.50	14.44	14.42	14.50
HSUPA Subtest-4	14.50	13.98	13.94	14.06
HSUPA Subtest-5	16.50	15.00	14.97	15.09
HSPA+	15.00	14.91	14.97	14.98

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	21.30	20.03	19.93	20.02
RMC 12.2K	21.30	20.03	19.93	20.02
HSDPA Subtest-1	20.00	19.41	19.40	19.50
HSDPA Subtest-2	20.00	19.44	19.42	19.53
HSDPA Subtest-3	19.50	19.43	19.41	19.47
HSDPA Subtest-4	19.50	19.40	19.39	19.42
HSUPA Subtest-1	19.50	17.95	17.88	17.96
HSUPA Subtest-2	18.50	17.45	17.40	18.00
HSUPA Subtest-3	19.50	18.43	18.37	18.48
HSUPA Subtest-4	18.50	17.50	17.92	17.02
HSUPA Subtest-5	20.50	18.97	18.94	19.09
HSPA+	19.00	18.97	18.86	18.98

Note:

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

4. Conducted power measurement results of UMTS B4

Down Antenna Receiver on

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	24.30	22.69	22.78	22.78
RMC 12.2K	24.30	22.69	22.78	22.78
HSDPA Subtest-1	23.00	22.76	22.75	22.83
HSDPA Subtest-2	23.00	22.66	22.73	22.78
HSDPA Subtest-3	22.50	22.18	22.15	22.26
HSDPA Subtest-4	22.50	22.22	22.18	22.30
HSUPA Subtest-1	22.50	20.98	21.15	21.13
HSUPA Subtest-2	21.50	20.91	20.97	20.93
HSUPA Subtest-3	22.50	21.72	21.67	21.77
HSUPA Subtest-4	21.50	20.32	20.34	20.48
HSUPA Subtest-5	23.50	21.72	21.71	21.92
HSPA+	22.00	21.10	20.66	21.12

Down 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	21.30	19.82	19.81	19.88
RMC 12.2K	21.30	19.82	19.81	19.88
HSDPA Subtest-1	20.00	19.87	19.85	19.96
HSDPA Subtest-2	20.00	19.81	19.78	19.92
HSDPA Subtest-3	19.50	19.31	19.30	19.42
HSDPA Subtest-4	19.50	19.30	19.27	19.40
HSUPA Subtest-1	19.50	18.10	18.08	18.16
HSUPA Subtest-2	18.50	18.05	18.03	18.07
HSUPA Subtest-3	19.50	18.76	18.72	18.87
HSUPA Subtest-4	18.50	17.33	17.30	17.44
HSUPA Subtest-5	20.50	18.83	18.82	18.98
HSPA+	19.00	18.76	18.70	18.90

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	19.80	18.53	18.54	18.65
RMC 12.2K	19.80	18.53	18.54	18.65
HSDPA Subtest-1	19.00	18.55	18.57	18.66
HSDPA Subtest-2	19.00	18.47	18.50	18.60
HSDPA Subtest-3	18.50	17.98	18.05	18.11
HSDPA Subtest-4	18.50	17.96	17.98	18.09
HSUPA Subtest-1	18.00	16.44	16.22	16.13
HSUPA Subtest-2	17.00	16.05	16.06	16.11
HSUPA Subtest-3	18.00	16.94	16.94	17.06
HSUPA Subtest-4	17.00	16.49	16.50	16.60
HSUPA Subtest-5	19.00	17.50	17.53	17.63
HSPA+	17.50	17.46	17.48	17.44

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	22.30	21.09	21.05	21.17
RMC 12.2K	22.30	21.09	21.05	21.17
HSDPA Subtest-1	21.00	20.48	20.51	20.62
HSDPA Subtest-2	21.00	20.51	20.52	20.63
HSDPA Subtest-3	20.50	20.45	20.48	20.45
HSDPA Subtest-4	20.50	20.48	20.43	20.47
HSUPA Subtest-1	21.00	19.13	19.05	19.09
HSUPA Subtest-2	19.50	18.50	18.98	19.11
HSUPA Subtest-3	20.50	19.45	19.46	19.56
HSUPA Subtest-4	19.50	19.02	19.01	19.10
HSUPA Subtest-5	21.50	20.03	20.05	20.16
HSPA+	20.00	19.90	19.65	19.16

Note:

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

5. Conducted power measurement results of UMTS B5

Down 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	24.30	23.02	22.91	22.96
RMC 12.2K	24.30	23.02	22.91	22.96
HSDPA Subtest-1	23.00	22.89	22.87	22.98
HSDPA Subtest-2	23.00	22.88	22.84	22.79
HSDPA Subtest-3	22.50	22.43	22.32	22.30
HSDPA Subtest-4	22.50	22.30	22.32	22.28
HSUPA Subtest-1	22.50	21.26	21.24	21.17
HSUPA Subtest-2	21.50	21.05	20.99	20.93
HSUPA Subtest-3	22.50	22.00	21.92	21.88
HSUPA Subtest-4	21.50	20.58	20.52	20.49
HSUPA Subtest-5	23.50	21.98	21.90	21.92
HSPA+	22.00	20.98	20.88	20.90

Down Antenna Receiver off

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	24.30	22.98	22.95	22.96
RMC 12.2K	24.30	22.98	22.95	22.96
HSDPA Subtest-1	23.00	22.86	22.88	22.96
HSDPA Subtest-2	23.00	22.96	22.92	22.90
HSDPA Subtest-3	22.50	22.47	22.42	22.43
HSDPA Subtest-4	22.50	22.45	22.40	22.40
HSUPA Subtest-1	22.50	21.18	21.15	21.08
HSUPA Subtest-2	21.50	21.03	20.99	20.93
HSUPA Subtest-3	22.50	21.96	21.88	21.85
HSUPA Subtest-4	21.50	20.61	20.54	20.51
HSUPA Subtest-5	23.50	22.08	21.97	21.98
HSPA+	22.00	20.94	20.85	20.81

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	22.30	21.22	21.11	21.13
RMC 12.2K	22.30	21.22	21.11	21.13
HSDPA Subtest-1	21.50	21.22	21.16	21.12
HSDPA Subtest-2	21.50	21.17	21.07	21.08
HSDPA Subtest-3	21.00	20.73	20.62	20.64
HSDPA Subtest-4	21.00	20.72	20.60	20.52
HSUPA Subtest-1	21.00	19.19	19.16	19.13
HSUPA Subtest-2	19.50	19.22	19.18	19.13
HSUPA Subtest-3	20.50	20.27	20.16	20.20
HSUPA Subtest-4	19.50	18.09	18.07	18.11
HSUPA Subtest-5	21.50	20.28	20.23	20.20
HSPA+	20.00	19.98	19.90	19.92

Up Antenna Receiver off

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	24.30	23.24	23.23	23.16
RMC 12.2K	24.30	23.24	23.23	23.16
HSDPA Subtest-1	23.50	23.23	23.18	23.16
HSDPA Subtest-2	23.50	23.19	23.09	23.10
HSDPA Subtest-3	23.00	22.68	22.60	22.62
HSDPA Subtest-4	23.00	22.66	22.57	22.60
HSUPA Subtest-1	23.00	21.12	21.10	21.04
HSUPA Subtest-2	21.50	21.22	21.17	21.13
HSUPA Subtest-3	22.50	22.13	22.04	22.03
HSUPA Subtest-4	21.50	20.77	20.75	20.72
HSUPA Subtest-5	23.50	22.26	22.14	22.18
HSPA+	22.00	21.04	20.98	21.02

Note:

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

6. Conducted power measurement results of LTE B2

Down Antenna Receiver on

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	24.00	22.33	22.37	22.31	QPSK	1/0	24.00	22.20	22.27	22.14
	1/2	24.00	22.41	22.40	22.36		1/7	24.00	22.34	22.39	22.24
	1/5	24.00	22.37	22.33	22.30		1/14	24.00	22.19	22.27	22.15
	3/0	24.00	22.47	22.41	22.42		8/0	23.00	21.47	21.46	21.36
	3/1	24.00	22.52	22.42	22.44		8/3	23.00	21.53	21.52	21.44
	3/3	24.00	22.52	22.43	22.41		8/7	23.00	21.43	21.41	21.36
	6/0	23.00	21.59	21.53	21.50		15/0	23.00	21.46	21.40	21.34
16QAM	1/0	23.00	21.47	21.50	21.72	16QAM	1/0	23.00	21.22	21.64	21.26
	1/2	23.00	21.50	21.53	21.74		1/7	23.00	21.32	21.76	21.35
	1/5	23.00	21.48	21.48	21.70		1/14	23.00	21.16	21.61	21.22
	3/0	23.00	21.68	21.49	21.58		8/0	22.00	20.69	20.62	20.48
	3/1	23.00	21.71	21.49	21.59		8/3	22.00	20.74	20.68	20.58
	3/3	23.00	21.71	21.50	21.60		8/7	22.00	20.63	20.55	20.49
	6/0	22.00	20.84	20.73	20.48		15/0	22.00	20.53	20.47	20.41
64QAM	1/0	22.00	20.77	20.79	20.95	64QAM	1/0	22.00	20.83	20.57	20.63
	1/2	22.00	20.86	20.80	21.04		1/7	22.00	20.94	20.70	20.72
	1/5	22.00	20.75	20.80	20.91		1/14	22.00	20.79	20.61	20.61
	3/0	22.00	20.83	20.59	20.92		8/0	21.00	19.68	19.63	19.48
	3/1	22.00	20.85	20.61	20.94		8/3	21.00	19.75	19.70	19.55
	3/3	22.00	20.85	20.62	20.93		8/7	21.00	19.61	19.59	19.47
	6/0	21.00	20.01	19.74	19.62		15/0	21.00	19.56	19.57	19.50



LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	24.00	22.60	22.45	22.49	QPSK	1/0	24.00	22.51	22.59	22.49
	1/12	24.00	22.61	22.56	22.57		1/24	24.00	22.58	22.63	22.51
	1/24	24.00	22.56	22.46	22.46		1/49	24.00	22.54	22.57	22.45
	12/0	23.00	21.49	21.50	21.49		25/0	23.00	21.53	21.52	21.45
	12/6	23.00	21.58	21.56	21.52		25/12	23.00	21.61	21.59	21.51
	12/13	23.00	21.57	21.53	21.49		25/25	23.00	21.58	21.50	21.35
	25/0	23.00	21.57	21.53	21.49		50/0	23.00	21.53	21.49	21.39
16QAM	1/0	23.00	21.71	22.03	21.55	16QAM	1/0	23.00	21.53	21.90	21.56
	1/12	23.00	21.84	22.08	21.65		1/24	23.00	21.58	22.00	21.57
	1/24	23.00	21.70	21.97	21.56		1/49	23.00	21.52	21.93	21.55
	12/0	22.00	20.67	20.70	20.60		25/0	22.00	20.57	20.57	20.55
	12/6	22.00	20.73	20.73	20.62		25/12	22.00	20.68	20.65	20.60
	12/13	22.00	20.75	20.69	20.57		25/25	22.00	20.64	20.55	20.46
	25/0	22.00	20.65	20.60	20.44		50/0	22.00	20.60	20.52	20.46
64QAM	1/0	22.00	20.61	20.92	20.79	64QAM	1/0	22.00	21.04	20.81	20.81
	1/12	22.00	20.73	21.06	20.90		1/24	22.00	21.06	20.85	20.84
	1/24	22.00	20.63	20.91	20.82		1/49	22.00	21.01	20.83	20.82
	12/0	21.00	19.65	19.55	19.63		25/0	21.00	19.67	19.67	19.57
	12/6	21.00	19.74	19.63	19.67		25/12	21.00	19.74	19.74	19.64
	12/13	21.00	19.72	19.60	19.64		25/25	21.00	19.72	19.67	19.52
	25/0	21.00	19.60	19.57	19.55		50/0	21.00	19.66	19.64	19.48



LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	24.00	22.50	22.57	22.54	QPSK	1/0	24.00	22.40	22.46	22.34
	1/37	24.00	22.57	22.63	22.59		1/50	24.00	22.63	22.68	22.55
	1/74	24.00	22.48	22.49	22.49		1/99	24.00	22.48	22.39	22.33
	36/0	23.00	21.54	22.49	21.48		50/0	23.00	21.51	21.53	21.45
	36/19	23.00	21.59	21.54	21.54		50/25	23.00	21.68	21.57	21.53
	36/39	23.00	21.55	21.48	21.44		50/50	23.00	21.61	21.47	21.39
	75/0	23.00	21.54	21.56	21.45		100/0	23.00	21.54	21.50	21.41
16QAM	1/0	23.00	21.47	21.88	21.98	16QAM	1/0	23.00	21.97	21.94	21.86
	1/37	23.00	21.59	21.98	21.99		1/50	23.00	22.17	22.08	22.06
	1/74	23.00	21.47	21.85	21.85		1/99	23.00	21.98	21.88	21.84
	36/0	22.00	20.57	21.85	20.48		50/0	22.00	20.61	20.63	20.52
	36/19	22.00	20.63	20.62	20.56		50/25	22.00	20.68	20.65	20.61
	36/39	22.00	20.57	20.57	20.44		50/50	22.00	20.71	20.57	20.48
	75/0	22.00	20.63	20.60	20.49		100/0	22.00	20.64	20.60	20.51
64QAM	1/0	22.00	20.99	20.76	21.21	64QAM	1/0	22.00	20.89	20.93	21.14
	1/37	22.00	21.06	20.87	21.24		1/50	22.00	21.08	21.17	21.32
	1/74	22.00	20.93	20.72	21.18		1/99	22.00	20.87	20.86	21.19
	36/0	21.00	19.65	20.72	19.55		50/0	21.00	19.67	19.72	19.54
	36/19	21.00	19.69	19.72	19.61		50/25	21.00	19.75	19.77	19.63
	36/39	21.00	19.65	19.69	19.52		50/50	21.00	19.76	19.69	19.52
	75/0	21.00	19.67	19.69	19.58		100/0	21.00	19.66	19.67	19.49

Down Antenna Receiver off

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	21.00	19.97	19.83	19.85	QPSK	1/0	21.00	19.75	19.81	19.67
	1/2	21.00	20.01	19.91	19.89		1/7	21.00	19.88	19.93	19.77
	1/5	21.00	19.96	19.83	19.84		1/14	21.00	19.71	19.78	19.68
	3/0	21.00	19.61	19.52	19.46		8/0	21.00	19.59	19.61	19.49
	3/1	21.00	19.64	19.55	19.47		8/3	21.00	19.65	19.64	19.55
	3/3	21.00	19.60	19.58	19.47		8/7	21.00	19.55	19.53	19.47
	6/0	21.00	19.73	19.67	19.60		15/0	21.00	19.56	19.50	19.44
16QAM	1/0	21.00	19.63	19.62	19.53	16QAM	1/0	21.00	19.49	19.33	19.66
	1/2	21.00	19.64	19.69	19.57		1/7	21.00	19.62	19.46	19.81
	1/5	21.00	19.62	19.64	19.53		1/14	21.00	19.44	19.27	19.71
	3/0	21.00	19.84	19.64	19.72		8/0	21.00	19.68	19.70	19.62
	3/1	21.00	19.86	19.65	19.75		8/3	21.00	19.73	19.75	19.68
	3/3	21.00	19.84	19.65	19.72		8/7	21.00	19.66	19.65	19.56
	6/0	21.00	19.92	19.81	19.82		15/0	21.00	19.58	19.55	19.50
64QAM	1/0	21.00	19.83	19.80	19.99	64QAM	1/0	21.00	19.84	19.57	19.64
	1/2	21.00	19.90	19.84	20.06		1/7	21.00	19.97	19.73	19.74
	1/5	21.00	19.77	19.85	19.96		1/14	21.00	19.83	19.60	19.61
	3/0	21.00	19.86	19.63	19.94		8/0	21.00	19.72	19.63	19.51
	3/1	21.00	19.91	19.64	19.95		8/3	21.00	19.78	19.70	19.56
	3/3	21.00	19.89	19.65	19.95		8/7	21.00	19.65	19.61	19.47
	6/0	21.00	20.06	19.75	19.63		15/0	21.00	19.61	19.59	19.51



LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	21.00	19.91	19.82	19.75	QPSK	1/0	21.00	19.89	19.88	19.79
	1/12	21.00	20.01	19.92	19.90		1/24	21.00	19.91	19.93	19.80
	1/24	21.00	19.89	19.80	19.79		1/49	21.00	19.87	19.87	19.79
	12/0	21.00	19.64	19.58	19.52		25/0	21.00	19.63	19.60	19.55
	12/6	21.00	19.71	19.65	19.61		25/12	21.00	19.71	19.68	19.60
	12/13	21.00	19.67	19.60	19.56		25/25	21.00	19.68	19.58	19.47
	25/0	21.00	19.66	19.60	19.55		50/0	21.00	19.65	19.56	19.47
16QAM	1/0	21.00	19.89	20.13	19.66	16QAM	1/0	21.00	19.68	20.05	19.64
	1/12	21.00	20.00	20.03	19.82		1/24	21.00	19.75	20.11	19.69
	1/24	21.00	19.88	20.14	19.73		1/49	21.00	19.67	20.05	19.66
	12/0	21.00	19.74	19.76	19.62		25/0	21.00	19.67	19.61	19.61
	12/6	21.00	19.80	19.82	19.68		25/12	21.00	19.76	19.69	19.65
	12/13	21.00	19.79	19.76	19.64		25/25	21.00	19.71	19.63	19.56
	25/0	21.00	19.70	19.67	19.49		50/0	21.00	19.67	19.59	19.52
64QAM	1/0	21.00	19.66	19.94	19.77	64QAM	1/0	21.00	20.07	19.83	19.80
	1/12	21.00	19.76	20.08	19.96		1/24	21.00	20.10	19.89	19.86
	1/24	21.00	19.65	19.92	19.86		1/49	21.00	20.02	19.84	19.83
	12/0	21.00	19.71	19.59	19.65		25/0	21.00	19.68	19.69	19.59
	12/6	21.00	19.80	19.65	19.70		25/12	21.00	19.78	19.77	19.66
	12/13	21.00	19.79	19.61	19.65		25/25	21.00	19.73	19.70	19.54
	25/0	21.00	19.65	19.59	19.57		50/0	21.00	19.70	19.65	19.51



LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	21.00	19.81	19.84	19.79	QPSK	1/0	21.00	19.58	19.60	19.45
	1/37	21.00	19.90	19.93	19.84		1/50	21.00	20.08	20.16	19.95
	1/74	21.00	19.80	19.81	19.76		1/99	21.00	19.58	19.55	19.49
	36/0	21.00	19.66	19.63	19.57		50/0	21.00	19.61	19.61	19.53
	36/19	21.00	19.71	19.68	19.61		50/25	21.00	19.69	19.64	19.59
	36/39	21.00	19.65	19.62	19.53		50/50	21.00	19.61	19.56	19.49
	75/0	21.00	19.68	19.65	19.56		100/0	21.00	19.64	19.57	19.49
16QAM	1/0	21.00	19.66	19.99	20.09	16QAM	1/0	21.00	20.12	20.08	19.86
	1/37	21.00	19.75	20.14	20.14		1/50	21.00	20.11	19.73	20.05
	1/74	21.00	19.64	19.98	20.08		1/99	21.00	20.10	20.05	19.92
	36/0	21.00	19.64	19.98	19.50		50/0	21.00	19.68	19.65	19.50
	36/19	21.00	19.68	19.70	19.57		50/25	21.00	19.74	19.66	19.57
	36/39	21.00	19.64	19.67	19.48		50/50	21.00	19.73	19.60	19.46
	75/0	21.00	19.67	19.67	19.53		100/0	21.00	19.69	19.61	19.49
64QAM	1/0	21.00	20.03	19.75	19.97	64QAM	1/0	21.00	19.95	19.89	19.70
	1/37	21.00	20.10	19.89	20.08		1/50	21.00	20.12	19.81	19.87
	1/74	21.00	19.96	19.72	19.86		1/99	21.00	19.93	19.89	19.77
	36/0	21.00	19.71	19.72	19.60		50/0	21.00	19.73	19.68	19.54
	36/19	21.00	19.72	19.71	19.66		50/25	21.00	19.80	19.73	19.65
	36/39	21.00	19.69	19.70	19.57		50/50	21.00	19.81	19.63	19.52
	75/0	21.00	19.67	19.71	19.63		100/0	21.00	19.72	19.63	19.52

Up Antenna Receiver on

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	18.00	16.89	16.83	16.72	QPSK	1/0	18.00	16.65	16.74	16.57
	1/2	18.00	16.93	16.89	16.78		1/7	18.00	16.80	16.87	16.72
	1/5	18.00	16.84	16.83	16.71		1/14	18.00	16.66	16.71	16.61
	3/0	18.00	16.90	16.89	16.79		8/0	18.00	16.93	16.90	16.84
	3/1	18.00	16.93	16.91	16.84		8/3	18.00	16.96	16.97	16.92
	3/3	18.00	16.93	16.89	16.86		8/7	18.00	16.89	16.88	16.83
	6/0	18.00	17.06	17.02	16.98		15/0	18.00	16.86	16.84	16.78
16QAM	1/0	18.00	16.88	16.91	17.11	16QAM	1/0	18.00	16.63	17.06	16.66
	1/2	18.00	16.91	16.96	17.15		1/7	18.00	16.76	17.21	16.74
	1/5	18.00	16.91	16.89	17.10		1/14	18.00	16.59	17.05	16.60
	3/0	18.00	17.11	16.92	17.00		8/0	18.00	17.02	17.00	16.83
	3/1	18.00	17.14	16.93	17.00		8/3	18.00	17.08	17.05	16.95
	3/3	18.00	17.14	16.93	16.98		8/7	18.00	16.99	16.96	16.84
	6/0	18.00	17.21	17.11	16.85		15/0	18.00	16.89	16.88	16.75
64QAM	1/0	18.00	17.13	17.30	17.02	64QAM	1/0	18.00	17.04	17.12	16.82
	1/2	18.00	17.18	17.41	17.08		1/7	18.00	17.15	17.24	16.95
	1/5	18.00	17.18	17.28	17.04		1/14	18.00	17.01	17.10	16.87
	3/0	18.00	17.00	17.30	16.86		8/0	18.00	16.92	17.01	16.87
	3/1	18.00	17.00	17.30	16.89		8/3	18.00	16.95	17.06	16.96
	3/3	18.00	17.01	17.29	16.86		8/7	18.00	16.89	16.94	16.88
	6/0	18.00	17.11	16.97	17.02		15/0	18.00	16.93	16.85	16.82



LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	18.00	17.04	16.95	16.88	QPSK	1/0	18.00	17.03	16.97	16.96
	1/12	18.00	17.14	17.26	17.40		1/24	18.00	17.36	17.24	17.02
	1/24	18.00	17.00	16.92	16.93		1/49	18.00	16.97	17.00	16.99
	12/0	18.00	16.88	16.92	16.87		25/0	18.00	16.92	16.93	16.90
	12/6	18.00	16.99	16.98	16.91		25/12	18.00	17.05	17.00	16.92
	12/13	18.00	16.99	16.95	16.87		25/25	18.00	17.00	16.94	16.82
	25/0	18.00	16.95	16.95	16.85		50/0	18.00	16.95	16.92	16.84
16QAM	1/0	18.00	17.14	17.44	17.03	16QAM	1/0	18.00	16.96	17.36	16.92
	1/12	18.00	17.24	17.22	17.17		1/24	18.00	17.00	17.45	16.98
	1/24	18.00	17.12	17.40	17.07		1/49	18.00	16.93	17.36	16.95
	12/0	18.00	16.98	17.05	16.98		25/0	18.00	16.89	16.95	16.97
	12/6	18.00	17.08	17.12	17.00		25/12	18.00	17.05	17.05	16.98
	12/13	18.00	17.08	17.11	16.96		25/25	18.00	17.00	16.99	16.87
	25/0	18.00	16.98	16.98	16.84		50/0	18.00	16.93	16.94	16.83
64QAM	1/0	18.00	16.92	17.24	17.07	64QAM	1/0	18.00	17.33	17.13	17.12
	1/12	18.00	17.02	17.37	17.23		1/24	18.00	17.39	17.19	17.17
	1/24	18.00	16.91	17.24	17.14		1/49	18.00	17.31	17.14	17.11
	12/0	18.00	16.96	16.91	16.94		25/0	18.00	16.91	16.98	16.95
	12/6	18.00	17.07	16.95	16.98		25/12	18.00	17.06	17.08	16.99
	12/13	18.00	17.06	16.94	16.95		25/25	18.00	17.03	17.01	16.88
	25/0	18.00	16.93	16.91	16.88		50/0	18.00	16.96	16.97	16.82

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	18.00	16.98	16.97	16.94	QPSK	1/0	18.00	17.08	17.05	16.95
	1/37	18.00	17.45	17.30	17.30		1/50	18.00	17.48	17.22	17.45
	1/74	18.00	16.93	16.96	16.92		1/99	18.00	17.08	17.01	17.02
	36/0	18.00	16.97	16.96	16.94		50/0	18.00	16.88	16.96	16.86
	36/19	18.00	17.05	17.01	17.02		50/25	18.00	17.00	16.98	16.94
	36/39	18.00	16.98	16.98	16.91		50/50	18.00	16.93	16.92	16.78
	75/0	18.00	16.98	17.01	16.93		100/0	18.00	16.89	16.95	16.83
16QAM	1/0	18.00	16.92	17.30	17.37	16QAM	1/0	18.00	17.30	17.41	17.26
	1/37	18.00	17.01	17.44	17.38		1/50	18.00	17.46	16.97	17.47
	1/74	18.00	16.89	17.28	17.28		1/99	18.00	17.30	17.34	17.27
	36/0	18.00	16.92	17.28	16.90		50/0	18.00	16.86	16.99	16.90
	36/19	18.00	17.02	17.04	16.94		50/25	18.00	17.00	17.01	16.96
	36/39	18.00	16.95	16.99	16.83		50/50	18.00	16.97	16.99	16.79
	75/0	18.00	16.99	17.01	16.91		100/0	18.00	16.92	16.97	16.83
64QAM	1/0	18.00	17.30	17.08	17.22	64QAM	1/0	18.00	17.20	17.38	16.99
	1/37	18.00	17.37	17.19	17.25		1/50	18.00	17.42	17.05	17.21
	1/74	18.00	17.25	17.02	17.44		1/99	18.00	17.25	17.43	17.03
	36/0	18.00	16.98	17.02	16.93		50/0	18.00	17.00	17.00	16.90
	36/19	18.00	17.06	17.06	16.99		50/25	18.00	17.10	17.03	16.99
	36/39	18.00	17.00	17.04	16.90		50/50	18.00	17.05	16.98	16.79
	75/0	18.00	17.00	17.05	16.98		100/0	18.00	16.94	16.97	16.84

Up Antenna Receiver off

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	21.00	19.62	19.54	19.51	QPSK	1/0	21.00	19.49	19.48	19.43
	1/2	21.00	19.65	19.58	19.57		1/7	21.00	19.60	19.59	19.55
	1/5	21.00	19.62	19.52	19.49		1/14	21.00	19.46	19.47	19.46
	3/0	21.00	19.64	19.59	19.59		8/0	21.00	19.72	19.64	19.65
	3/1	21.00	19.66	19.59	19.61		8/3	21.00	19.75	19.71	19.74
	3/3	21.00	19.67	19.56	19.62		8/7	21.00	19.68	19.63	19.66
	6/0	21.00	19.80	19.73	19.74		15/0	21.00	19.66	19.60	19.63
16QAM	1/0	21.00	19.79	19.91	19.64	16QAM	1/0	21.00	19.50	19.84	19.54
	1/2	21.00	19.83	19.94	19.65		1/7	21.00	19.64	19.96	19.63
	1/5	21.00	19.77	19.90	19.63		1/14	21.00	19.44	19.83	19.51
	3/0	21.00	19.79	19.82	19.82		8/0	21.00	19.92	19.79	19.72
	3/1	21.00	19.80	19.82	19.83		8/3	21.00	19.91	19.80	19.82
	3/3	21.00	19.81	19.84	19.84		8/7	21.00	19.83	19.75	19.73
	6/0	21.00	19.98	19.63	19.92		15/0	21.00	19.72	19.63	19.63
64QAM	1/0	21.00	20.17	19.78	19.87	64QAM	1/0	21.00	20.00	19.68	19.83
	1/2	21.00	20.05	19.84	19.90		1/7	21.00	20.12	19.81	19.92
	1/5	21.00	20.15	19.76	19.92		1/14	21.00	19.94	19.70	19.80
	3/0	21.00	20.19	19.84	19.71		8/0	21.00	19.89	19.74	19.70
	3/1	21.00	20.20	19.87	19.72		8/3	21.00	19.88	19.79	19.78
	3/3	21.00	20.17	19.87	19.71		8/7	21.00	19.79	19.71	19.67
	6/0	21.00	19.82	20.01	19.84		15/0	21.00	19.74	19.67	19.72



LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	21.00	19.86	19.72	19.75	QPSK	1/0	21.00	19.84	19.84	19.72
	1/12	21.00	19.93	19.83	19.87		1/24	21.00	19.81	19.86	19.80
	1/24	21.00	19.80	19.73	19.79		1/49	21.00	19.80	19.80	19.79
	12/0	21.00	19.74	19.69	19.76		25/0	21.00	19.74	19.71	19.70
	12/6	21.00	19.81	19.75	19.77		25/12	21.00	19.83	19.79	19.77
	12/13	21.00	19.80	19.73	19.75		25/25	21.00	19.76	19.73	19.67
	25/0	21.00	19.78	19.72	19.74		50/0	21.00	19.77	19.70	19.67
16QAM	1/0	21.00	20.01	20.21	19.84	16QAM	1/0	21.00	20.03	20.16	19.77
	1/12	21.00	20.10	20.05	19.96		1/24	21.00	19.83	20.21	19.87
	1/24	21.00	19.96	20.19	19.89		1/49	21.00	19.64	20.15	19.85
	12/0	21.00	19.86	19.83	19.80		25/0	21.00	19.80	19.74	19.78
	12/6	21.00	19.94	19.89	19.81		25/12	21.00	19.89	19.81	19.84
	12/13	21.00	19.91	19.87	19.80		25/25	21.00	19.77	19.76	19.75
	25/0	21.00	19.81	19.76	19.20		50/0	21.00	19.79	19.75	19.71
64QAM	1/0	21.00	19.82	20.05	19.98	64QAM	1/0	21.00	20.19	19.93	19.97
	1/12	21.00	19.87	20.15	20.11		1/24	21.00	20.22	19.98	20.05
	1/24	21.00	19.77	20.02	20.02		1/49	21.00	20.16	19.92	20.01
	12/0	21.00	19.83	19.65	19.83		25/0	21.00	19.84	19.78	19.79
	12/6	21.00	19.91	19.72	19.85		25/12	21.00	19.90	19.87	19.86
	12/13	21.00	19.88	19.71	19.83		25/25	21.00	19.81	19.80	19.76
	25/0	21.00	19.77	19.68	19.76		50/0	21.00	19.82	19.79	19.70

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	21.00	19.77	19.79	19.70	QPSK	1/0	21.00	19.75	19.69	19.57
	1/37	21.00	19.85	19.87	19.84		1/50	21.00	20.25	20.06	19.97
	1/74	21.00	19.71	19.74	19.79		1/99	21.00	19.72	19.62	19.67
	36/0	21.00	19.76	19.74	19.73		50/0	21.00	19.76	19.67	19.69
	36/19	21.00	19.81	19.78	19.80		50/25	21.00	19.84	19.77	19.75
	36/39	21.00	19.78	19.73	19.74		50/50	21.00	19.80	19.64	19.64
	75/0	21.00	19.75	19.71	19.74		100/0	21.00	19.80	19.65	19.65
16QAM	1/0	21.00	19.77	20.10	20.17	16QAM	1/0	21.00	20.13	20.19	19.98
	1/37	21.00	19.84	20.20	20.21		1/50	21.00	20.21	19.85	20.23
	1/74	21.00	19.73	20.07	20.23		1/99	21.00	20.18	20.15	20.11
	36/0	21.00	19.75	20.07	19.68		50/0	21.00	19.83	19.73	19.68
	36/19	21.00	19.80	19.81	19.74		50/25	21.00	19.88	19.80	19.72
	36/39	21.00	19.76	19.75	19.67		50/50	21.00	19.85	19.71	19.65
	75/0	21.00	19.77	19.75	19.68		100/0	21.00	19.84	19.67	19.66
64QAM	1/0	21.00	20.14	19.90	20.22	64QAM	1/0	21.00	20.08	20.18	19.81
	1/37	21.00	20.22	19.95	20.13		1/50	21.00	20.24	19.89	20.05
	1/74	21.00	20.06	19.82	20.14		1/99	21.00	20.00	20.04	19.93
	36/0	21.00	19.80	19.82	19.73		50/0	21.00	19.87	19.72	19.76
	36/19	21.00	19.84	19.84	19.78		50/25	21.00	19.94	19.84	19.80
	36/39	21.00	19.80	19.79	19.71		50/50	21.00	19.89	19.73	19.70
	75/0	21.00	19.81	19.77	19.73		100/0	21.00	19.87	19.70	19.70

Note: The tested channels are marks in bold.

7. Conducted power measurement results of LTE B4

Down Antenna Receiver on

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	24.00	22.59	22.52	22.59	QPSK	1/0	24.00	22.42	22.46	22.36
	1/2	24.00	22.66	22.56	22.61		1/7	24.00	22.54	22.59	22.56
	1/5	24.00	22.62	22.52	22.56		1/14	24.00	22.40	22.44	22.42
	3/0	24.00	22.69	22.60	22.65		8/0	23.00	21.66	21.64	21.66
	3/1	24.00	22.70	22.64	22.65		8/3	23.00	21.71	21.71	21.68
	3/3	24.00	22.66	22.64	22.64		8/7	23.00	21.63	21.60	21.61
	6/0	23.00	21.77	21.74	21.74		15/0	23.00	21.63	21.58	21.61
16QAM	1/0	23.00	22.00	21.59	21.71	16QAM	1/0	23.00	21.39	21.81	21.52
	1/2	23.00	22.03	21.63	21.77		1/7	23.00	21.54	21.94	21.64
	1/5	23.00	21.99	21.58	21.70		1/14	23.00	21.36	21.77	21.50
	3/0	23.00	21.90	21.81	21.73		8/0	22.00	20.87	20.80	20.81
	3/1	23.00	21.91	21.85	21.74		8/3	22.00	20.90	20.85	20.85
	3/3	23.00	21.89	21.83	21.74		8/7	22.00	20.83	20.75	20.77
	6/0	22.00	20.74	20.92	20.95		15/0	22.00	20.73	20.67	20.68
64QAM	1/0	22.00	20.98	21.14	20.92	64QAM	1/0	22.00	20.93	20.71	20.82
	1/2	22.00	21.00	21.23	21.00		1/7	22.00	21.07	20.85	20.97
	1/5	22.00	21.00	21.13	20.86		1/14	22.00	20.94	20.74	20.81
	3/0	22.00	20.81	21.15	20.96		8/0	21.00	19.85	19.77	19.74
	3/1	22.00	20.82	21.16	20.98		8/3	21.00	19.88	19.81	19.79
	3/3	22.00	20.81	21.16	20.99		8/7	21.00	19.78	19.76	19.70
	6/0	21.00	19.91	19.78	20.12		15/0	21.00	19.69	19.73	19.74



LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	24.00	22.80	22.69	22.73	QPSK	1/0	24.00	22.76	22.78	22.72
	1/12	24.00	22.90	22.77	22.87		1/24	24.00	22.81	22.84	22.74
	1/24	24.00	22.77	22.67	22.73		1/49	24.00	22.78	22.78	22.74
	12/0	23.00	21.68	21.66	21.70		25/0	23.00	21.67	21.70	21.71
	12/6	23.00	21.77	21.75	21.78		25/12	23.00	21.80	21.77	21.79
	12/13	23.00	21.76	21.72	21.74		25/25	23.00	21.82	21.70	21.74
	25/0	23.00	21.73	21.71	21.75		50/0	23.00	21.71	21.70	21.73
16QAM	1/0	23.00	21.92	22.19	21.80	16QAM	1/0	23.00	21.79	22.11	21.80
	1/12	23.00	22.03	22.30	21.93		1/24	23.00	21.82	22.18	21.87
	1/24	23.00	21.94	22.16	21.85		1/49	23.00	21.75	22.10	21.81
	12/0	22.00	20.85	20.88	20.79		25/0	22.00	20.75	20.76	20.85
	12/6	22.00	20.94	20.93	20.91		25/12	22.00	20.86	20.84	20.93
	12/13	22.00	20.93	20.93	20.88		25/25	22.00	20.92	20.79	20.90
	25/0	22.00	20.81	20.82	20.76		50/0	22.00	20.80	20.79	20.83
64QAM	1/0	22.00	20.76	21.08	21.01	64QAM	1/0	22.00	21.18	20.96	21.05
	1/12	22.00	20.89	21.20	21.12		1/24	22.00	21.25	21.00	21.10
	1/24	22.00	20.75	21.06	21.05		1/49	22.00	21.15	20.95	21.02
	12/0	21.00	19.81	19.72	19.85		25/0	21.00	19.77	19.86	19.87
	12/6	21.00	19.90	19.82	19.97		25/12	21.00	19.90	19.95	19.95
	12/13	21.00	19.89	19.76	19.90		25/25	21.00	19.92	19.86	19.91
	25/0	21.00	19.77	19.75	19.84		50/0	21.00	19.83	19.85	19.84



LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	24.00	22.69	22.73	22.74	QPSK	1/0	24.00	22.63	22.63	22.57
	1/37	24.00	22.80	22.83	22.82		1/50	24.00	22.83	22.92	22.81
	1/74	24.00	22.69	22.72	22.75		1/99	24.00	22.68	22.64	22.64
	36/0	23.00	21.69	22.72	21.71		50/0	23.00	21.60	21.65	21.77
	36/19	23.00	21.78	21.79	21.75		50/25	23.00	21.80	21.76	21.78
	36/39	23.00	21.81	21.74	21.72		50/50	23.00	21.79	21.71	21.72
	75/0	23.00	21.74	21.72	21.74		100/0	23.00	21.71	21.66	21.73
16QAM	1/0	23.00	21.68	22.07	22.18	16QAM	1/0	23.00	22.18	22.11	22.01
	1/37	23.00	21.78	22.20	22.29		1/50	23.00	22.34	22.38	22.26
	1/74	23.00	21.66	22.06	22.17		1/99	23.00	22.17	22.17	22.10
	36/0	22.00	20.72	20.88	20.77		50/0	22.00	20.71	20.76	20.82
	36/19	22.00	20.80	20.87	20.77		50/25	22.00	20.89	20.88	20.88
	36/39	22.00	20.83	20.81	20.75		50/50	22.00	20.93	20.80	20.78
	75/0	22.00	20.80	20.79	20.82		100/0	22.00	20.81	20.74	20.83
64QAM	1/0	22.00	21.13	20.90	21.42	64QAM	1/0	22.00	21.02	21.35	21.03
	1/37	22.00	21.17	21.02	21.49		1/50	22.00	21.20	21.33	21.26
	1/74	22.00	21.08	20.90	21.41		1/99	22.00	21.08	21.44	21.09
	36/0	21.00	19.75	20.90	19.83		50/0	21.00	19.76	19.78	19.95
	36/19	21.00	19.86	19.91	19.83		50/25	21.00	19.97	19.93	19.97
	36/39	21.00	19.89	19.87	19.79		50/50	21.00	19.97	19.83	19.89
	75/0	21.00	19.82	19.82	19.87		100/0	21.00	19.83	19.77	19.88



Down Antenna Receiver off

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	21.00	19.99	19.93	19.96	QPSK	1/0	21.00	19.76	19.85	19.80
	1/2	21.00	20.02	20.00	20.00		1/7	21.00	19.92	19.98	19.97
	1/5	21.00	19.98	19.93	19.95		1/14	21.00	19.77	19.84	19.82
	3/0	21.00	19.63	19.63	19.66		8/0	21.00	19.67	19.66	19.68
	3/1	21.00	19.64	19.64	19.67		8/3	21.00	19.71	19.71	19.75
	3/3	21.00	19.65	19.62	19.69		8/7	21.00	19.63	19.61	19.67
	6/0	21.00	19.76	19.70	19.77		15/0	21.00	19.62	19.59	19.62
16QAM	1/0	21.00	19.63	19.69	20.01	16QAM	1/0	21.00	19.47	19.85	19.44
	1/2	21.00	19.68	19.75	20.04		1/7	21.00	19.57	19.96	19.57
	1/5	21.00	19.66	19.69	19.99		1/14	21.00	19.41	19.83	19.44
	3/0	21.00	19.90	19.74	19.95		8/0	21.00	19.81	19.80	19.83
	3/1	21.00	19.93	19.77	19.92		8/3	21.00	19.87	19.84	19.88
	3/3	21.00	19.92	19.76	19.94		8/7	21.00	19.78	19.71	19.81
	6/0	21.00	19.96	19.88	19.67		15/0	21.00	19.68	19.66	19.71
64QAM	1/0	21.00	19.87	19.86	20.17	64QAM	1/0	21.00	19.92	19.68	19.78
	1/2	21.00	19.94	19.90	20.05		1/7	21.00	20.03	19.82	19.93
	1/5	21.00	19.82	19.91	20.16		1/14	21.00	19.90	19.71	19.76
	3/0	21.00	19.93	19.76	20.16		8/0	21.00	19.82	19.74	19.73
	3/1	21.00	19.96	19.77	20.20		8/3	21.00	19.83	19.80	19.74
	3/3	21.00	19.97	19.76	20.16		8/7	21.00	19.72	19.71	19.67
	6/0	21.00	20.09	19.84	19.79		15/0	21.00	19.68	19.69	19.72



LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	21.00	19.96	19.84	19.94	QPSK	1/0	21.00	19.92	19.96	19.94
	1/12	21.00	20.03	19.95	20.03		1/24	21.00	19.96	20.01	19.96
	1/24	21.00	19.90	19.84	19.94		1/49	21.00	19.93	19.93	19.92
	12/0	21.00	19.66	19.68	19.70		25/0	21.00	19.68	19.71	19.73
	12/6	21.00	19.74	19.73	19.78		25/12	21.00	19.78	19.76	19.80
	12/13	21.00	19.73	19.69	19.76		25/25	21.00	19.81	19.71	19.76
	25/0	21.00	19.73	19.70	19.75		50/0	21.00	19.71	19.68	19.73
16QAM	1/0	21.00	19.97	20.21	19.89	16QAM	1/0	21.00	19.86	19.75	20.18
	1/12	21.00	20.09	20.14	19.99		1/24	21.00	19.91	19.80	20.15
	1/24	21.00	19.97	20.21	19.89		1/49	21.00	19.83	19.73	20.23
	12/0	21.00	19.82	19.86	19.80		25/0	21.00	19.80	19.77	19.78
	12/6	21.00	19.90	19.91	19.89		25/12	21.00	19.92	19.85	19.86
	12/13	21.00	19.87	19.89	19.88		25/25	21.00	19.89	19.78	19.83
	25/0	21.00	19.80	19.81	19.76		50/0	21.00	19.80	19.79	19.81
64QAM	1/0	21.00	19.71	20.04	19.72	64QAM	1/0	21.00	20.15	19.92	20.03
	1/12	21.00	19.82	20.16	19.86		1/24	21.00	20.19	19.99	20.06
	1/24	21.00	19.72	20.02	19.76		1/49	21.00	20.13	19.94	20.03
	12/0	21.00	19.75	19.68	19.81		25/0	21.00	19.75	19.82	19.85
	12/6	21.00	19.87	19.75	19.92		25/12	21.00	19.88	19.89	19.91
	12/13	21.00	19.84	19.73	19.87		25/25	21.00	19.89	19.86	19.88
	25/0	21.00	19.74	19.73	19.77		50/0	21.00	19.80	19.84	19.82

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	21.00	19.90	19.80	19.95	QPSK	1/0	21.00	19.80	19.81	19.72
	1/37	21.00	20.02	19.92	20.02		1/50	21.00	19.98	20.25	20.06
	1/74	21.00	19.90	19.78	19.92		1/99	21.00	19.84	19.83	19.83
	36/0	21.00	19.69	19.62	19.79		50/0	21.00	19.59	19.64	19.76
	36/19	21.00	19.79	19.78	19.82		50/25	21.00	19.84	19.85	19.82
	36/39	21.00	19.83	19.73	19.76		50/50	21.00	19.82	19.70	19.73
	75/0	21.00	19.74	19.71	19.79		100/0	21.00	19.72	19.65	19.75
16QAM	1/0	21.00	19.71	20.08	20.15	16QAM	1/0	21.00	20.17	20.17	20.05
	1/37	21.00	19.80	20.20	20.10		1/50	21.00	20.07	19.89	20.11
	1/74	21.00	19.71	20.10	20.17		1/99	21.00	20.21	20.22	20.16
	36/0	21.00	19.68	20.10	19.75		50/0	21.00	19.68	19.73	19.82
	36/19	21.00	19.78	19.82	19.75		50/25	21.00	19.91	19.85	19.85
	36/39	21.00	19.80	19.78	19.72		50/50	21.00	19.89	19.78	19.73
	75/0	21.00	19.75	19.76	19.79		100/0	21.00	19.79	19.73	19.82
64QAM	1/0	21.00	20.08	19.84	20.06	64QAM	1/0	21.00	19.89	20.00	20.01
	1/37	21.00	20.15	19.97	20.06		1/50	21.00	20.08	19.88	20.02
	1/74	21.00	20.05	19.87	20.01		1/99	21.00	19.93	20.05	20.11
	36/0	21.00	19.71	19.87	19.76		50/0	21.00	19.69	19.79	19.89
	36/19	21.00	19.82	19.88	19.80		50/25	21.00	19.89	19.91	19.90
	36/39	21.00	19.83	19.83	19.76		50/50	21.00	19.88	19.84	19.84
	75/0	21.00	19.78	19.77	19.85		100/0	21.00	19.79	19.76	19.82



Up Antenna Receiver on

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	19.50	18.31	18.18	18.27	QPSK	1/0	19.50	18.10	18.16	18.10
	1/2	19.50	18.37	18.26	18.30		1/7	19.50	18.21	18.28	18.23
	1/5	19.50	18.29	18.19	18.23		1/14	19.50	18.08	18.14	18.13
	3/0	19.50	18.37	18.34	18.34		8/0	19.50	18.36	18.35	18.36
	3/1	19.50	18.38	18.36	18.35		8/3	19.50	18.40	18.41	18.41
	3/3	19.50	18.35	18.38	18.35		8/7	19.50	18.34	18.30	18.35
	6/0	19.50	18.47	18.43	18.44		15/0	19.50	18.32	18.27	18.30
16QAM	1/0	19.50	18.31	18.36	18.67	16QAM	1/0	19.50	18.12	18.50	18.20
	1/2	19.50	18.36	18.44	18.73		1/7	19.50	18.24	18.65	18.35
	1/5	19.50	18.33	18.37	18.69		1/14	19.50	18.06	18.51	18.17
	3/0	19.50	18.57	18.43	18.62		8/0	19.50	18.48	18.48	18.42
	3/1	19.50	18.59	18.43	18.61		8/3	19.50	18.55	18.52	18.49
	3/3	19.50	18.59	18.45	18.64		8/7	19.50	18.47	18.41	18.40
	6/0	19.50	18.61	18.56	18.38		15/0	19.50	18.35	18.34	18.30
64QAM	1/0	19.50	18.57	18.80	18.58	64QAM	1/0	19.50	18.59	18.37	18.48
	1/2	19.50	18.62	18.86	18.66		1/7	19.50	18.73	18.48	18.61
	1/5	19.50	18.62	18.76	18.52		1/14	19.50	18.53	18.36	18.45
	3/0	19.50	18.48	18.78	18.65		8/0	19.50	18.49	18.40	18.36
	3/1	19.50	18.46	18.81	18.65		8/3	19.50	18.52	18.47	18.44
	3/3	19.50	18.47	18.78	18.67		8/7	19.50	18.42	18.35	18.34
	6/0	19.50	18.56	18.43	18.78		15/0	19.50	18.35	18.37	18.41



LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	19.50	18.47	18.41	18.42	QPSK	1/0	19.50	18.43	18.47	18.43
	1/12	19.50	18.56	18.81	18.55		1/24	19.50	18.51	18.75	18.79
	1/24	19.50	18.45	18.38	18.46		1/49	19.50	18.45	18.46	18.44
	12/0	19.50	18.36	18.40	18.37		25/0	19.50	18.35	18.44	18.43
	12/6	19.50	18.43	18.44	18.49		25/12	19.50	18.48	18.46	18.47
	12/13	19.50	18.45	18.42	18.45		25/25	19.50	18.53	18.40	18.45
	25/0	19.50	18.44	18.40	18.44		50/0	19.50	18.44	18.41	18.42
16QAM	1/0	19.50	18.61	18.76	18.54	16QAM	1/0	19.50	18.46	18.83	18.51
	1/12	19.50	18.72	18.78	18.64		1/24	19.50	18.52	18.82	18.58
	1/24	19.50	18.59	18.87	18.60		1/49	19.50	18.42	18.83	18.52
	12/0	19.50	18.49	18.53	18.46		25/0	19.50	18.39	18.45	18.49
	12/6	19.50	18.54	18.59	18.55		25/12	19.50	18.51	18.51	18.60
	12/13	19.50	18.56	18.57	18.53		25/25	19.50	18.53	18.43	18.54
	25/0	19.50	18.48	18.48	18.40		50/0	19.50	18.43	18.44	18.48
64QAM	1/0	19.50	18.42	18.72	18.67	64QAM	1/0	19.50	18.80	18.59	18.68
	1/12	19.50	18.48	18.85	18.80		1/24	19.50	18.87	18.65	18.75
	1/24	19.50	18.42	18.70	18.72		1/49	19.50	18.80	18.61	18.68
	12/0	19.50	18.45	18.37	18.53		25/0	19.50	18.42	18.49	18.52
	12/6	19.50	18.56	18.43	18.60		25/12	19.50	18.54	18.56	18.59
	12/13	19.50	18.54	18.38	18.58		25/25	19.50	18.58	18.48	18.56
	25/0	19.50	18.42	18.41	18.50		50/0	19.50	18.48	18.49	18.50



LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	19.50	18.40	18.41	18.39	QPSK	1/0	19.50	18.74	18.60	18.63
	1/37	19.50	18.86	18.55	18.70		1/50	19.50	18.88	18.79	18.72
	1/74	19.50	18.68	18.42	18.46		1/99	19.50	18.76	18.74	18.55
	36/0	19.50	18.39	18.42	18.46		50/0	19.50	18.28	18.38	18.49
	36/19	19.50	18.49	18.50	18.44		50/25	19.50	18.69	18.47	18.50
	36/39	19.50	18.52	18.43	18.43		50/50	19.50	18.49	18.37	18.43
	75/0	19.50	18.46	18.40	18.45		100/0	19.50	18.41	18.36	18.45
16QAM	1/0	19.50	18.39	18.76	18.76	16QAM	1/0	19.50	18.85	18.84	18.70
	1/37	19.50	18.47	18.81	18.67		1/50	19.50	18.76	18.55	18.78
	1/74	19.50	18.39	18.79	18.85		1/99	19.50	18.56	18.67	18.83
	36/0	19.50	18.34	18.79	18.43		50/0	19.50	18.34	18.44	18.52
	36/19	19.50	18.44	18.50	18.46		50/25	19.50	18.57	18.54	18.53
	36/39	19.50	18.50	18.45	18.42		50/50	19.50	18.55	18.45	18.45
	75/0	19.50	18.47	18.46	18.51		100/0	19.50	18.45	18.41	18.52
64QAM	1/0	19.50	18.76	18.54	18.66	64QAM	1/0	19.50	18.66	18.82	18.52
	1/37	19.50	18.84	18.66	18.78		1/50	19.50	18.86	18.62	18.80
	1/74	19.50	18.75	18.54	18.76		1/99	19.50	18.68	18.58	18.63
	36/0	19.50	18.41	18.54	18.49		50/0	19.50	18.37	18.44	18.57
	36/19	19.50	18.50	18.55	18.52		50/25	19.50	18.61	18.55	18.59
	36/39	19.50	18.55	18.48	18.47		50/50	19.50	18.62	18.48	18.53
	75/0	19.50	18.49	18.48	18.57		100/0	19.50	18.47	18.43	18.54

Up Antenna Receiver off

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	22.00	20.78	20.80	20.89	QPSK	1/0	22.00	20.65	20.73	20.65
	1/2	22.00	20.85	20.84	20.94		1/7	22.00	20.78	20.84	20.81
	1/5	22.00	20.83	20.78	20.90		1/14	22.00	20.65	20.72	20.70
	3/0	22.00	20.93	20.89	20.93		8/0	22.00	20.92	20.93	20.94
	3/1	22.00	20.95	20.91	20.97		8/3	22.00	20.96	20.97	20.98
	3/3	22.00	20.95	20.91	20.93		8/7	22.00	20.89	20.84	20.92
	6/0	22.00	21.03	20.99	21.04		15/0	22.00	20.90	20.86	20.88
16QAM	1/0	22.00	21.23	20.82	20.98	16QAM	1/0	22.00	20.68	21.04	20.76
	1/2	22.00	21.26	20.86	21.04		1/7	22.00	20.75	21.19	20.89
	1/5	22.00	21.22	20.85	20.96		1/14	22.00	20.61	21.06	20.74
	3/0	22.00	21.15	21.09	21.00		8/0	22.00	21.02	21.00	20.95
	3/1	22.00	21.14	21.13	21.01		8/3	22.00	21.07	21.06	21.03
	3/3	22.00	21.15	21.11	21.02		8/7	22.00	21.00	20.96	20.98
	6/0	22.00	20.92	21.12	21.12		15/0	22.00	20.91	20.87	20.89
64QAM	1/0	22.00	21.13	21.31	21.11	64QAM	1/0	22.00	21.12	20.87	21.01
	1/2	22.00	21.14	21.21	21.19		1/7	22.00	21.22	21.02	21.15
	1/5	22.00	21.15	21.28	21.06		1/14	22.00	21.05	20.93	20.98
	3/0	21.00	20.17	19.94	20.35		8/0	21.00	20.01	19.94	19.92
	3/1	21.00	20.20	20.14	20.37		8/3	21.00	20.04	19.98	19.95
	3/3	21.00	20.16	20.53	20.41		8/7	21.00	19.90	19.91	19.88
	6/0	21.00	20.06	19.96	20.32		15/0	21.00	19.85	19.90	19.92



LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	22.00	21.04	20.94	21.02	QPSK	1/0	22.00	20.98	21.06	20.99
	1/12	22.00	21.16	21.06	21.15		1/24	22.00	21.06	21.11	21.06
	1/24	22.00	21.03	20.92	21.06		1/49	22.00	21.03	21.04	20.99
	12/0	22.00	20.93	20.95	20.98		25/0	22.00	20.90	20.97	20.96
	12/6	22.00	21.02	21.01	21.09		25/12	22.00	21.04	21.06	21.06
	12/13	22.00	21.03	20.98	21.04		25/25	22.00	21.09	20.96	21.03
	25/0	22.00	21.01	20.96	21.03		50/0	22.00	20.98	20.97	21.01
16QAM	1/0	22.00	21.19	21.22	21.10	16QAM	1/0	22.00	21.02	21.34	21.06
	1/12	22.00	21.27	21.28	21.21		1/24	22.00	21.05	21.15	21.13
	1/24	22.00	21.15	21.32	21.11		1/49	22.00	20.98	21.21	21.06
	12/0	22.00	21.01	21.03	21.03		25/0	22.00	20.91	20.97	21.08
	12/6	22.00	21.11	21.11	21.13		25/12	22.00	21.04	21.05	21.16
	12/13	22.00	21.11	21.10	21.08		25/25	22.00	21.06	20.96	21.13
	25/0	22.00	21.01	21.02	20.96		50/0	22.00	20.96	20.96	21.04
64QAM	1/0	22.00	20.93	21.21	21.19	64QAM	1/0	22.00	21.18	21.15	21.31
	1/12	22.00	21.03	21.36	21.32		1/24	22.00	21.21	21.22	21.24
	1/24	22.00	20.90	21.21	21.23		1/49	22.00	21.14	21.16	21.34
	12/0	21.00	19.98	19.90	20.03		25/0	21.00	19.94	20.03	20.03
	12/6	21.00	20.06	19.95	20.11		25/12	21.00	20.08	20.09	20.11
	12/13	21.00	20.04	19.91	20.09		25/25	21.00	20.13	20.03	20.09
	25/0	21.00	19.94	19.93	20.03		50/0	21.00	20.02	20.00	20.06

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	22.00	20.92	20.98	20.98	QPSK	1/0	22.00	20.92	20.87	20.80
	1/37	22.00	21.17	21.23	21.08		1/50	22.00	21.22	21.38	21.16
	1/74	22.00	20.92	21.00	21.01		1/99	22.00	20.90	20.91	20.91
	36/0	22.00	20.89	21.00	21.00		50/0	22.00	20.82	20.94	21.03
	36/19	22.00	21.02	21.01	21.00		50/25	22.00	21.05	21.08	21.06
	36/39	22.00	21.03	20.95	20.98		50/50	22.00	21.05	20.92	20.97
	75/0	22.00	20.98	20.95	21.00		100/0	22.00	20.95	20.91	21.03
16QAM	1/0	22.00	21.21	20.89	21.23	16QAM	1/0	22.00	21.35	21.35	21.27
	1/37	22.00	21.23	20.99	21.08		1/50	22.00	21.18	21.07	21.23
	1/74	22.00	21.28	20.90	21.36		1/99	22.00	21.25	21.18	21.37
	36/0	22.00	20.85	20.90	21.04		50/0	22.00	20.84	20.94	21.06
	36/19	22.00	20.96	20.98	21.03		50/25	22.00	21.08	21.06	21.07
	36/39	22.00	21.01	20.91	21.03		50/50	22.00	21.07	20.96	20.98
	75/0	22.00	20.98	20.96	21.05		100/0	22.00	20.97	20.92	21.04
64QAM	1/0	22.00	21.27	21.02	21.33	64QAM	1/0	22.00	21.16	21.34	21.05
	1/37	22.00	21.30	21.17	21.15		1/50	22.00	21.33	20.10	21.31
	1/74	22.00	21.21	21.06	21.31		1/99	22.00	21.19	21.25	21.15
	36/0	21.00	19.87	20.04	19.98		50/0	21.00	19.87	19.94	20.09
	36/19	21.00	19.98	20.05	19.99		50/25	21.00	20.09	20.05	20.11
	36/39	21.00	19.99	20.01	19.97		50/50	21.00	20.10	19.96	20.03
	75/0	21.00	19.95	19.99	20.05		100/0	21.00	19.94	19.93	20.05

Note: The tested channels are marks in bold.

8. Conducted power measurement results of LTE B5

Down Antenna Receiver on

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	24.50	23.14	23.19	23.17	QPSK	1/0	24.50	23.09	23.09	22.96
	1/2	24.50	23.23	23.21	23.22		1/7	24.50	23.21	23.19	23.11
	1/5	24.50	23.17	23.13	23.16		1/14	24.50	23.06	23.08	22.99
	3/0	24.50	23.29	23.23	23.26		8/0	23.50	22.32	22.26	22.26
	3/1	24.50	23.31	23.27	23.29		8/3	23.50	22.33	22.30	22.28
	3/3	24.50	23.32	23.25	23.24		8/7	23.50	22.26	22.23	22.20
	6/0	23.50	22.39	22.32	22.33		15/0	23.50	22.25	22.23	22.21
16QAM	1/0	23.50	22.25	22.31	22.50	16QAM	1/0	23.50	22.02	22.43	22.10
	1/2	23.50	22.27	22.35	22.57		1/7	23.50	22.13	22.55	22.18
	1/5	23.50	22.25	22.28	22.52		1/14	23.50	21.98	22.45	22.03
	3/0	23.50	22.49	22.33	22.45		8/0	22.50	21.43	21.37	21.28
	3/1	23.50	22.51	22.33	22.43		8/3	22.50	21.47	21.42	21.34
	3/3	23.50	22.50	22.35	22.43		8/7	22.50	21.38	21.37	21.25
	6/0	22.50	21.54	21.49	21.25		15/0	22.50	21.32	21.29	21.19
64QAM	1/0	22.50	21.54	21.53	21.69	64QAM	1/0	22.50	21.56	21.32	21.46
	1/2	22.50	21.58	21.55	21.80		1/7	22.50	21.71	21.44	21.51
	1/5	22.50	21.48	21.55	21.70		1/14	22.50	21.53	21.30	21.37
	3/0	22.50	21.60	21.39	21.74		8/0	21.50	20.55	20.34	20.28
	3/1	22.50	21.62	21.40	21.74		8/3	21.50	20.53	20.40	20.33
	3/3	22.50	21.60	21.38	21.71		8/7	21.50	20.39	20.37	20.22
	6/0	21.50	20.79	20.46	20.35		15/0	21.50	20.37	20.36	20.34

LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	24.50	23.41	23.30	23.33	QPSK	1/0	24.50	23.38	23.46	23.37
	1/12	24.50	23.52	23.42	23.44		1/24	24.50	23.48	23.56	23.45
	1/24	24.50	23.37	23.31	23.31		1/49	24.50	23.35	23.41	23.31
	12/0	23.50	22.28	22.31	22.36		25/0	23.50	22.37	22.27	22.31
	12/6	23.50	22.35	22.39	22.39		25/12	23.50	22.37	22.44	22.40
	12/13	23.50	22.31	22.38	22.30		25/25	23.50	22.48	22.50	22.42
	25/0	23.50	22.34	22.39	22.33		50/0	23.50	22.32	22.33	22.27
16QAM	1/0	23.50	22.49	22.81	22.41	16QAM	1/0	23.50	22.33	22.75	22.41
	1/12	23.50	22.55	22.94	22.48		1/24	23.50	22.33	22.81	22.36
	1/24	23.50	22.45	22.85	22.40		1/49	23.50	22.31	22.78	22.29
	12/0	22.50	21.43	21.43	21.44		25/0	22.50	21.43	21.36	21.35
	12/6	22.50	21.48	21.57	21.45		25/12	22.50	21.46	21.52	21.48
	12/13	22.50	21.40	21.55	21.36		25/25	22.50	21.36	21.53	21.32
	25/0	22.50	21.36	21.49	21.32		50/0	22.50	21.40	21.44	21.37
64QAM	1/0	22.50	21.34	21.69	21.55	64QAM	1/0	22.50	21.80	21.57	21.63
	1/12	22.50	21.42	21.79	21.67		1/24	22.50	21.81	21.59	21.61
	1/24	22.50	21.30	21.66	21.56		1/49	22.50	21.77	21.60	21.58
	12/0	21.50	20.52	20.30	20.49		25/0	21.50	20.49	20.40	20.43
	12/6	21.50	20.50	20.40	20.50		25/12	21.50	20.52	20.56	20.52
	12/13	21.50	20.43	20.38	20.40		25/25	21.50	20.43	20.60	20.39
	25/0	21.50	20.41	20.39	20.39		50/0	21.50	20.49	20.52	20.37

Down Antenna Receiver off

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	24.50	23.25	23.20	23.10	QPSK	1/0	24.50	23.07	23.08	22.98
	1/2	24.50	23.28	23.25	23.19		1/7	24.50	23.22	23.19	23.12
	1/5	24.50	23.23	23.19	23.11		1/14	24.50	23.10	23.09	22.96
	3/0	24.50	23.29	23.28	23.24		8/0	23.50	22.30	22.26	22.24
	3/1	24.50	23.31	23.29	23.28		8/3	23.50	22.34	22.31	22.30
	3/3	24.50	23.29	23.28	23.28		8/7	23.50	22.29	22.25	22.20
	6/0	23.50	22.40	22.37	22.33		15/0	23.50	22.26	22.22	22.19
16QAM	1/0	23.50	22.25	22.33	22.48	16QAM	1/0	23.50	22.00	22.44	22.11
	1/2	23.50	22.27	22.37	22.56		1/7	23.50	22.13	22.56	22.21
	1/5	23.50	22.26	22.30	22.53		1/14	23.50	21.96	22.46	22.07
	3/0	23.50	22.49	22.35	22.44		8/0	22.50	21.42	21.39	21.32
	3/1	23.50	22.51	22.34	22.45		8/3	22.50	21.47	21.43	21.35
	3/3	23.50	22.51	22.35	22.45		8/7	22.50	21.35	21.36	21.27
	6/0	22.50	21.56	21.49	21.23		15/0	22.50	21.31	21.29	21.21
64QAM	1/0	22.50	21.57	21.73	21.45	64QAM	1/0	22.50	21.58	21.30	21.42
	1/2	22.50	21.57	21.81	21.51		1/7	22.50	21.69	21.45	21.53
	1/5	22.50	21.51	21.69	21.37		1/14	22.50	21.55	21.31	21.38
	3/0	22.50	21.41	21.73	21.51		8/0	21.50	20.50	20.36	20.30
	3/1	22.50	21.42	21.76	21.53		8/3	21.50	20.52	20.39	20.32
	3/3	22.50	21.40	21.74	21.53		8/7	21.50	20.36	20.35	20.21
	6/0	21.50	20.57	20.34	20.68		15/0	21.50	20.33	20.35	20.34



LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	24.50	23.40	23.34	23.35	QPSK	1/0	24.50	23.37	23.47	23.36
	1/12	24.50	23.52	23.43	23.46		1/24	24.50	23.42	23.56	23.37
	1/24	24.50	23.39	23.34	23.33		1/49	24.50	23.38	23.44	23.34
	12/0	23.50	22.28	22.28	22.38		25/0	23.50	22.36	22.26	22.34
	12/6	23.50	22.34	22.42	22.40		25/12	23.50	22.41	22.47	22.42
	12/13	23.50	22.29	22.39	22.30		25/25	23.50	22.28	22.46	22.22
	25/0	23.50	22.34	22.38	22.35		50/0	23.50	22.36	22.39	22.28
16QAM	1/0	23.50	22.50	22.86	22.42	16QAM	1/0	23.50	22.33	22.76	22.47
	1/12	23.50	22.56	22.95	22.52		1/24	23.50	22.33	22.81	22.44
	1/24	23.50	22.44	22.87	22.43		1/49	23.50	22.32	22.79	22.40
	12/0	22.50	21.43	21.51	21.46		25/0	22.50	21.46	21.37	21.41
	12/6	22.50	21.45	21.60	21.47		25/12	22.50	21.45	21.52	21.51
	12/13	22.50	21.42	21.58	21.39		25/25	22.50	21.36	21.51	21.37
	25/0	22.50	21.37	21.49	21.32		50/0	22.50	21.42	21.45	21.36
64QAM	1/0	22.50	21.32	21.67	21.56	64QAM	1/0	22.50	21.80	21.55	21.77
	1/12	22.50	21.41	21.79	21.69		1/24	22.50	21.79	21.57	21.74
	1/24	22.50	21.30	21.67	21.57		1/49	22.50	21.77	21.57	21.72
	12/0	21.50	20.50	20.31	20.50		25/0	21.50	20.49	20.41	20.38
	12/6	21.50	20.49	20.41	20.49		25/12	21.50	20.52	20.54	20.50
	12/13	21.50	20.42	20.39	20.41		25/25	21.50	20.42	20.57	20.33
	25/0	21.50	20.38	20.40	20.38		50/0	21.50	20.46	20.49	20.34

Up Antenna Receiver on

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	23.50	22.06	22.12	22.19	QPSK	1/0	23.50	21.92	22.10	22.04
	1/2	23.50	22.12	22.17	22.24		1/7	23.50	22.07	22.23	22.15
	1/5	23.50	22.02	22.14	22.20		1/14	23.50	21.98	22.08	22.02
	3/0	23.50	22.19	22.22	22.26		8/0	22.50	22.24	22.26	22.26
	3/1	23.50	22.21	22.23	22.27		8/3	22.50	22.26	22.32	22.34
	3/3	23.50	22.20	22.23	22.25		8/7	22.50	22.17	22.25	22.22
	6/0	22.50	22.26	22.33	22.34		15/0	22.50	22.15	22.20	22.23
16QAM	1/0	22.50	22.24	22.38	22.22	16QAM	1/0	22.50	21.93	22.16	22.13
	1/2	22.50	22.27	22.41	22.28		1/7	22.50	22.03	22.41	22.25
	1/5	22.50	22.20	22.36	22.27		1/14	22.50	21.88	21.89	22.11
	3/0	22.50	22.26	22.31	22.28		8/0	21.50	21.37	21.36	21.32
	3/1	22.50	22.26	22.47	22.30		8/3	21.50	21.38	21.44	21.44
	3/3	22.50	22.28	22.30	22.25		8/7	21.50	21.29	21.37	21.34
	6/0	21.50	21.22	21.25	21.35		15/0	21.50	21.25	21.26	21.26
64QAM	1/0	21.50	21.23	21.23	21.22	64QAM	1/0	21.50	21.29	21.22	21.31
	1/2	21.50	21.25	21.33	21.34		1/7	21.50	21.38	21.34	21.44
	1/5	21.50	21.27	21.19	21.24		1/14	21.50	21.29	21.37	21.33
	3/0	21.50	21.29	21.29	21.26		8/0	20.50	20.39	20.32	20.45
	3/1	21.50	21.31	21.34	21.27		8/3	20.50	20.43	20.38	20.30
	3/3	21.50	21.29	21.34	21.25		8/7	20.50	20.34	20.28	20.38
	6/0	20.50	20.25	20.27	20.23		15/0	20.50	20.34	20.34	20.33

LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	23.50	22.32	22.30	22.33	QPSK	1/0	23.50	22.27	22.36	22.43
	1/12	23.50	22.43	22.44	22.42		1/24	23.50	22.34	22.47	22.43
	1/24	23.50	22.29	22.30	22.37		1/49	23.50	22.35	22.39	22.46
	12/0	22.50	22.26	22.25	22.36		25/0	22.50	22.38	22.28	22.38
	12/6	22.50	22.28	22.36	22.40		25/12	22.50	22.36	22.38	22.41
	12/13	22.50	22.23	22.37	22.39		25/25	22.50	22.29	22.42	22.40
	25/0	22.50	22.25	22.34	22.39		50/0	22.50	22.33	22.44	22.33
16QAM	1/0	22.50	22.40	22.23	22.40	16QAM	1/0	22.50	22.28	22.44	22.46
	1/12	22.50	22.21	22.45	22.25		1/24	22.50	22.29	22.34	22.46
	1/24	22.50	22.38	22.33	22.20		1/49	22.50	22.32	22.37	22.25
	12/0	21.50	21.39	21.42	21.42		25/0	21.50	21.45	21.32	21.44
	12/6	21.50	21.40	21.21	21.46		25/12	21.50	21.43	21.49	21.50
	12/13	21.50	21.36	21.24	21.44		25/25	21.50	21.32	21.29	21.37
	25/0	21.50	21.30	21.45	21.33		50/0	21.50	21.40	21.50	21.36
64QAM	1/0	21.50	21.23	21.32	21.22	64QAM	1/0	21.50	21.34	21.21	21.31
	1/12	21.50	21.33	21.46	21.40		1/24	21.50	21.41	21.28	21.34
	1/24	21.50	21.23	21.34	21.35		1/49	21.50	21.43	21.27	21.31
	12/0	20.50	20.44	20.28	20.24		25/0	20.50	20.24	20.04	20.22
	12/6	20.50	20.48	20.41	20.25		25/12	20.50	20.23	20.25	20.27
	12/13	20.50	20.40	20.42	20.24		25/25	20.50	20.41	20.37	20.42
	25/0	20.50	20.36	20.40	20.49		50/0	20.50	20.47	20.25	20.41

Up Antenna Receiver off

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	24.50	23.37	23.22	23.25	QPSK	1/0	24.50	23.17	23.20	23.05
	1/2	24.50	23.39	23.25	23.28		1/7	24.50	23.31	23.26	23.17
	1/5	24.50	23.36	23.19	23.18		1/14	24.50	23.17	23.12	23.06
	3/0	24.50	23.44	23.33	23.30		8/0	23.50	22.37	22.33	22.33
	3/1	24.50	23.44	23.34	23.32		8/3	23.50	22.44	22.39	22.35
	3/3	24.50	23.40	23.35	23.30		8/7	23.50	22.37	22.30	22.24
	6/0	23.50	22.47	22.41	22.38		15/0	23.50	22.34	22.29	22.26
16QAM	1/0	23.50	22.36	22.37	22.57	16QAM	1/0	23.50	22.14	22.50	22.14
	1/2	23.50	22.38	22.46	22.62		1/7	23.50	22.24	22.64	22.26
	1/5	23.50	22.38	22.38	22.59		1/14	23.50	22.03	22.56	22.10
	3/0	23.50	22.60	22.42	22.51		8/0	22.50	21.53	21.47	21.35
	3/1	23.50	22.62	22.42	22.49		8/3	22.50	21.57	21.49	21.39
	3/3	23.50	22.59	22.44	22.52		8/7	22.50	21.47	21.45	21.30
	6/0	22.50	21.69	21.56	21.29		15/0	22.50	21.39	21.37	21.25
64QAM	1/0	22.50	21.65	21.79	21.47	64QAM	1/0	22.50	21.67	21.38	21.48
	1/2	22.50	21.68	21.88	21.55		1/7	22.50	21.77	21.52	21.57
	1/5	22.50	21.71	21.76	21.43		1/14	22.50	21.64	21.43	21.43
	3/0	22.50	21.50	21.82	21.57		8/0	21.50	20.59	20.42	20.36
	3/1	22.50	21.50	21.84	21.58		8/3	21.50	20.62	20.45	20.36
	3/3	22.50	21.51	21.84	21.57		8/7	21.50	20.46	20.44	20.26
	6/0	21.50	20.63	20.42	20.72		15/0	21.50	20.45	20.43	20.39

LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B5/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20425/826.5	20525/836.5	20625/846.5				20450/829	20525/836.5	20600/844
QPSK	1/0	24.50	23.53	23.40	23.42	QPSK	1/0	24.50	23.40	23.55	23.44
	1/12	24.50	23.51	23.48	23.52		1/24	24.50	23.48	23.56	23.45
	1/24	24.50	23.49	23.42	23.37		1/49	24.50	23.41	23.50	23.39
	12/0	23.50	22.40	22.39	22.43		25/0	23.50	22.46	22.38	22.36
	12/6	23.50	22.46	22.47	22.43		25/12	23.50	22.47	22.55	22.48
	12/13	23.50	22.37	22.47	22.34		25/25	23.50	22.48	22.58	22.52
	25/0	23.50	22.42	22.47	22.39		50/0	23.50	22.41	22.47	22.31
16QAM	1/0	23.50	22.59	22.91	22.49	16QAM	1/0	23.50	22.45	22.83	22.57
	1/12	23.50	22.67	23.03	22.56		1/24	23.50	22.39	22.87	22.49
	1/24	23.50	22.53	22.92	22.47		1/49	23.50	22.39	22.88	22.45
	12/0	22.50	21.58	21.55	21.52		25/0	22.50	21.55	21.46	21.49
	12/6	22.50	21.59	21.65	21.50		25/12	22.50	21.54	21.59	21.56
	12/13	22.50	21.51	21.65	21.42		25/25	22.50	21.43	21.64	21.36
	25/0	22.50	21.47	21.56	21.39		50/0	22.50	21.48	21.57	21.40
64QAM	1/0	22.50	21.41	21.74	21.61	64QAM	1/0	22.50	21.89	21.66	21.86
	1/12	22.50	21.52	21.84	21.73		1/24	22.50	21.84	21.67	21.82
	1/24	22.50	21.38	21.75	21.61		1/49	22.50	21.85	21.65	21.78
	12/0	21.50	20.58	20.38	20.55		25/0	21.50	20.56	20.52	20.44
	12/6	21.50	20.59	20.49	20.53		25/12	21.50	20.61	20.61	20.55
	12/13	21.50	20.51	20.45	20.44		25/25	21.50	20.46	20.65	20.39
	25/0	21.50	20.48	20.45	20.42		50/0	21.50	20.55	20.59	20.39

Note: The tested channels are marks in bold.

9. Conducted power measurement results of LTE B7

Down Antenna Receiver on

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	23.80	22.82	22.87	22.74	QPSK	1/0	23.80	22.83	22.92	22.81
	1/12	23.80	22.94	22.91	22.89		1/24	23.80	22.84	22.95	22.82
	1/24	23.80	22.80	22.86	22.79		1/49	23.80	22.85	22.91	22.83
	12/0	22.80	21.77	21.76	21.80		25/0	22.80	21.78	21.84	21.81
	12/6	22.80	21.85	21.84	21.83		25/12	22.80	21.85	21.90	21.86
	12/13	22.80	21.84	21.83	21.77		25/25	22.80	21.84	21.90	21.76
	25/0	22.80	21.81	21.83	21.79		50/0	22.80	21.80	21.84	21.80
16QAM	1/0	22.80	21.87	21.92	22.20	16QAM	1/0	22.80	21.77	22.18	21.84
	1/12	22.80	21.97	22.03	22.40		1/24	22.80	21.77	22.27	21.88
	1/24	22.80	21.84	21.91	22.23		1/49	22.80	21.75	22.20	21.87
	12/0	21.80	20.82	20.87	20.95		25/0	21.80	20.79	20.85	20.91
	12/6	21.80	20.86	20.93	20.97		25/12	21.80	20.85	20.91	20.90
	12/13	21.80	20.88	20.93	20.92		25/25	21.80	20.86	20.89	20.83
	25/0	21.80	20.74	20.82	20.84		50/0	21.80	20.79	20.88	20.86
64QAM	1/0	21.80	21.09	21.04	20.69	64QAM	1/0	21.80	21.16	20.97	21.05
	1/12	21.80	21.20	21.17	20.87		1/24	21.80	21.21	21.03	21.06
	1/24	21.80	21.04	21.06	20.74		1/49	21.80	21.17	21.01	21.01
	12/0	20.80	19.77	19.88	19.87		25/0	20.80	19.86	19.93	19.90
	12/6	20.80	19.82	19.93	19.84		25/12	20.80	19.90	19.97	19.93
	12/13	20.80	19.82	19.91	19.86		25/25	20.80	19.94	19.95	19.87
	25/0	20.80	19.79	19.87	19.77		50/0	20.80	19.88	19.93	19.86



LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	23.80	22.79	22.91	22.87	QPSK	1/0	24.40	22.72	22.75	22.76
	1/37	23.80	22.87	22.93	22.93		1/50	24.40	22.89	22.97	22.86
	1/74	23.80	22.79	22.86	22.84		1/99	24.40	22.75	22.77	22.74
	36/0	22.80	21.78	21.84	21.85		50/0	22.80	21.69	21.80	21.84
	36/19	22.80	21.87	21.93	21.85		50/25	22.80	21.80	21.90	21.85
	36/39	22.80	21.83	21.87	21.82		50/50	22.80	21.76	21.77	21.70
	75/0	22.80	21.78	21.88	21.82		100/0	22.80	21.73	21.78	21.76
16QAM	1/0	22.80	21.68	22.17	22.20	16QAM	1/0	22.80	22.17	22.18	22.11
	1/37	22.80	21.76	22.26	22.27		1/50	22.80	22.36	22.34	22.26
	1/74	22.80	21.67	22.16	22.16		1/99	22.80	22.21	22.22	22.13
	36/0	21.80	20.77	20.88	20.79		50/0	21.80	20.71	20.81	20.85
	36/19	21.80	20.81	20.92	20.81		50/25	21.80	20.84	20.90	20.85
	36/39	21.80	20.76	20.90	20.73		50/50	21.80	20.78	20.84	20.76
	75/0	21.80	20.77	20.87	20.83		100/0	21.80	20.76	20.82	20.81
64QAM	1/0	21.80	21.12	20.95	21.45	64QAM	1/0	21.80	21.04	21.37	20.98
	1/37	21.80	21.23	21.02	21.48		1/50	21.80	21.19	21.56	21.11
	1/74	21.80	21.08	20.92	21.35		1/99	21.80	21.06	21.40	20.95
	36/0	20.80	19.82	19.91	19.84		50/0	20.80	19.78	19.84	19.90
	36/19	20.80	19.86	19.94	19.84		50/25	20.80	19.90	19.94	19.90
	36/39	20.80	19.84	19.92	19.77		50/50	20.80	19.87	19.88	19.77
	75/0	20.80	19.83	19.87	19.88		100/0	20.80	19.81	19.82	19.83

Down Antenna Receiver off

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	21.80	21.01	20.98	20.92	QPSK	1/0	21.80	20.99	20.94	21.01
	1/12	21.80	20.92	20.98	20.90		1/24	21.80	20.87	20.97	20.81
	1/24	21.80	20.97	21.00	20.98		1/49	21.80	20.99	20.91	20.96
	12/0	21.80	20.81	20.77	20.79		25/0	21.80	20.83	20.83	20.82
	12/6	21.80	20.85	20.84	20.84		25/12	21.80	20.88	20.92	20.83
	12/13	21.80	20.84	20.83	20.76		25/25	21.80	20.86	20.86	20.76
	25/0	21.80	20.83	20.83	20.79		50/0	21.80	20.82	20.84	20.80
16QAM	1/0	21.80	20.88	20.94	21.23	16QAM	1/0	21.80	20.79	21.24	20.85
	1/12	21.80	21.01	21.06	21.17		1/24	21.80	20.81	21.22	20.89
	1/24	21.80	20.90	20.97	21.23		1/49	21.80	20.78	21.23	20.86
	12/0	21.80	20.81	20.86	20.93		25/0	21.80	20.85	20.91	20.92
	12/6	21.80	20.87	20.93	20.96		25/12	21.80	20.87	20.92	20.92
	12/13	21.80	20.89	20.94	20.90		25/25	21.80	20.86	20.89	20.83
	25/0	21.80	20.76	20.85	20.84		50/0	21.80	20.81	20.88	20.85
64QAM	1/0	21.80	21.12	21.03	20.74	64QAM	1/0	21.80	21.17	20.98	21.01
	1/12	21.80	21.23	21.16	20.86		1/24	21.80	21.24	21.07	21.06
	1/24	21.80	21.09	21.08	20.77		1/49	21.80	21.20	21.02	21.03
	12/0	21.80	19.81	19.93	19.91		25/0	21.80	19.86	19.92	19.90
	12/6	21.80	19.86	19.96	19.89		25/12	21.80	19.93	19.97	19.92
	12/13	21.80	19.85	19.96	19.83		25/25	21.80	19.92	19.97	19.88
	25/0	21.80	19.83	19.87	19.83		50/0	21.80	19.88	19.94	19.85



LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	21.80	20.95	21.08	21.01	QPSK	1/0	22.40	20.92	20.91	20.89
	1/37	21.80	20.86	20.98	20.89		1/50	22.40	21.07	21.26	20.98
	1/74	21.80	20.92	21.02	21.00		1/99	22.40	20.96	20.93	20.90
	36/0	21.80	20.81	20.84	20.81		50/0	22.40	20.69	20.80	20.78
	36/19	21.80	20.85	20.89	20.85		50/25	22.40	20.81	20.90	20.85
	36/39	21.80	20.84	20.87	20.78		50/50	22.40	20.82	20.81	20.71
	75/0	21.80	20.80	20.86	20.80		100/0	22.40	20.78	20.82	20.78
16QAM	1/0	21.80	20.76	21.19	21.23	16QAM	1/0	22.40	21.22	21.19	21.03
	1/37	21.80	20.79	21.09	21.20		1/50	22.40	21.22	21.21	21.16
	1/74	21.80	20.71	21.17	21.21		1/99	22.40	21.24	21.25	21.18
	36/0	21.80	20.76	20.89	20.80		50/0	22.40	20.78	20.86	20.88
	36/19	21.80	20.85	20.95	20.82		50/25	22.40	20.87	20.93	20.92
	36/39	21.80	20.82	20.87	20.75		50/50	22.40	20.84	20.86	20.79
	75/0	21.80	20.81	20.88	20.79		100/0	22.40	20.84	20.84	20.85
64QAM	1/0	21.80	21.16	21.01	21.14	64QAM	1/0	22.40	20.94	21.08	21.18
	1/37	21.80	21.23	21.08	21.17		1/50	22.40	21.12	21.25	21.06
	1/74	21.80	21.12	20.93	21.13		1/99	22.40	20.95	21.09	21.13
	36/0	21.80	19.83	19.89	19.81		50/0	21.40	19.80	19.88	19.88
	36/19	21.80	19.89	19.95	19.84		50/25	21.40	19.91	20.00	19.92
	36/39	21.80	19.89	19.91	19.86		50/50	21.40	19.87	19.92	19.80
	75/0	21.80	19.85	19.88	19.85		100/0	21.40	19.84	19.86	19.89

Up Antenna Receiver on

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	16.90	15.54	15.55	15.47	QPSK	1/0	16.30	15.52	15.60	15.48
	1/12	16.30	15.61	15.67	15.62		1/24	16.30	15.56	15.65	15.51
	1/24	16.30	15.53	15.55	15.47		1/49	16.30	15.53	15.62	15.46
	12/0	16.30	15.51	15.49	15.44		25/0	16.30	15.52	15.54	15.48
	12/6	16.30	15.58	15.59	15.50		25/12	16.30	15.57	15.56	15.51
	12/13	16.30	15.58	15.54	15.46		25/25	16.30	15.56	15.58	15.47
	25/0	16.30	15.57	15.54	15.46		50/0	16.30	15.49	15.56	15.48
16QAM	1/0	16.30	15.69	15.67	15.63	16QAM	1/0	16.30	15.63	15.52	15.89
	1/12	16.30	15.78	15.79	15.80		1/24	16.30	15.69	15.60	15.92
	1/24	16.30	15.73	15.65	15.66		1/49	16.30	15.66	15.51	15.90
	12/0	16.30	15.58	15.60	15.59		25/0	16.30	15.66	15.56	15.49
	12/6	16.30	15.64	15.66	15.64		25/12	16.30	15.71	15.63	15.55
	12/13	16.30	15.65	15.63	15.61		25/25	16.30	15.67	15.58	15.50
	25/0	16.30	15.52	15.53	15.53		50/0	16.30	15.63	15.55	15.53
64QAM	1/0	16.30	15.76	15.51	15.75	64QAM	1/0	16.30	15.89	15.73	15.71
	1/12	16.30	15.91	15.61	15.92		1/24	16.30	15.95	15.78	15.76
	1/24	16.30	15.80	15.48	15.79		1/49	16.30	15.91	15.72	15.72
	12/0	16.30	15.63	15.59	15.47		25/0	16.30	15.58	15.62	15.59
	12/6	16.30	15.70	15.65	15.54		25/12	16.30	15.65	15.69	15.60
	12/13	16.30	15.68	15.64	15.48		25/25	16.30	15.61	15.65	15.56
	25/0	16.30	15.60	15.52	15.46		50/0	16.30	15.58	15.63	15.52



LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	16.30	15.42	15.60	15.50	QPSK	1/0	16.90	15.70	15.88	15.41
	1/37	16.30	15.86	15.84	15.55		1/50	16.90	15.97	16.12	16.03
	1/74	16.30	15.42	15.57	15.47		1/99	16.90	15.49	15.82	15.36
	36/0	16.30	15.47	15.56	15.47		50/0	16.90	15.47	15.48	15.52
	36/19	16.30	15.56	15.60	15.50		50/25	16.90	15.56	15.74	15.55
	36/39	16.30	15.53	15.55	15.46		50/50	16.90	15.53	15.54	15.40
	75/0	16.30	15.46	15.55	15.48		100/0	16.90	15.51	15.51	15.50
16QAM	1/0	16.30	15.48	15.94	15.98	16QAM	1/0	16.90	15.94	15.98	15.82
	1/37	16.30	15.57	16.02	16.01		1/50	16.90	15.96	15.99	15.77
	1/74	16.30	15.49	15.90	15.90		1/99	16.90	16.02	16.01	15.78
	36/0	16.30	15.51	15.60	15.45		50/0	16.90	15.51	15.55	15.51
	36/19	16.30	15.54	15.66	15.46		50/25	16.90	15.65	15.66	15.50
	36/39	16.30	15.52	15.59	15.44		50/50	16.90	15.58	15.57	15.40
	75/0	16.30	15.53	15.59	15.47		100/0	16.90	15.55	15.54	15.48
64QAM	1/0	16.30	15.85	15.68	15.86	64QAM	1/0	16.90	15.76	16.05	15.65
	1/37	16.30	15.94	15.75	15.90		1/50	16.90	15.99	15.78	15.81
	1/74	16.30	15.87	15.67	15.82		1/99	16.90	15.81	16.04	15.60
	36/0	16.30	15.52	15.59	15.55		50/0	16.90	15.58	15.57	15.58
	36/19	16.30	15.60	15.69	15.61		50/25	16.90	15.67	15.70	15.60
	36/39	16.30	15.60	15.62	15.53		50/50	16.90	15.62	15.62	15.47
	75/0	16.30	15.55	15.59	15.54		100/0	16.90	15.57	15.58	15.56

Up Antenna Receiver off

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	23.80	22.91	22.91	22.93	QPSK	1/0	23.80	22.96	23.02	22.93
	1/12	23.80	23.04	23.06	23.09		1/24	23.80	22.97	23.05	22.95
	1/24	23.80	22.88	22.94	22.95		1/49	23.80	22.97	23.00	22.94
	12/0	22.80	21.88	21.89	21.89		25/0	22.80	21.90	21.91	21.92
	12/6	22.80	21.96	21.97	21.94		25/12	22.80	21.96	21.97	21.95
	12/13	22.80	21.93	21.95	21.89		25/25	22.80	21.96	21.96	21.87
	25/0	22.80	21.91	21.93	21.92		50/0	22.80	21.89	21.94	21.93
16QAM	1/0	22.80	21.99	22.01	21.93	16QAM	1/0	22.80	21.99	21.88	22.28
	1/12	22.80	22.10	22.11	22.09		1/24	22.80	22.01	21.92	22.32
	1/24	22.80	21.98	22.00	21.99		1/49	22.80	21.97	21.85	22.32
	12/0	21.80	20.95	20.97	20.93		25/0	21.80	21.00	20.92	20.97
	12/6	21.80	21.02	21.02	21.01		25/12	21.80	21.03	20.99	20.95
	12/13	21.80	21.01	21.04	20.94		25/25	21.80	21.02	21.01	20.94
	25/0	21.80	20.85	20.92	20.88		50/0	21.80	20.97	20.95	20.96
64QAM	1/0	21.80	21.13	20.84	21.13	64QAM	1/0	21.80	21.31	21.05	21.12
	1/12	21.80	21.27	20.95	21.30		1/24	21.80	21.30	21.13	21.18
	1/24	21.80	21.14	20.84	21.17		1/49	21.80	21.28	21.10	21.12
	12/0	20.80	19.98	19.92	19.90		25/0	20.80	19.99	20.01	20.05
	12/6	20.80	20.06	20.00	19.90		25/12	20.80	20.05	20.06	20.02
	12/13	20.80	20.04	20.02	19.89		25/25	20.80	20.08	20.07	19.98
	25/0	20.80	19.96	19.92	19.87		50/0	20.80	20.00	20.02	19.96

LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	23.80	22.92	22.99	22.99	QPSK	1/0	24.40	22.84	22.86	22.82
	1/37	23.80	22.98	23.05	23.02		1/50	24.40	22.96	23.15	23.00
	1/74	23.80	22.87	22.96	22.94		1/99	24.40	22.83	22.90	22.86
	36/0	22.80	21.87	21.93	21.97		50/0	22.80	21.78	21.89	21.91
	36/19	22.80	21.97	22.00	21.95		50/25	22.80	21.90	21.97	21.93
	36/39	22.80	21.94	21.98	21.90		50/50	22.80	21.85	21.92	21.82
	75/0	22.80	21.90	21.96	21.97		100/0	22.80	21.86	21.89	21.90
16QAM	1/0	22.80	21.79	22.25	22.34	16QAM	1/0	22.80	22.32	22.27	22.22
	1/37	22.80	21.88	22.36	22.35		1/50	22.80	22.50	22.43	22.36
	1/74	22.80	21.78	22.25	22.30		1/99	22.80	22.35	22.30	22.22
	36/0	21.80	20.84	20.96	20.90		50/0	21.80	20.83	20.90	20.98
	36/19	21.80	20.90	20.99	20.89		50/25	21.80	20.99	21.01	20.96
	36/39	21.80	20.88	20.99	20.86		50/50	21.80	20.91	20.98	20.84
	75/0	21.80	20.88	20.98	20.91		100/0	21.80	20.87	20.92	20.93
64QAM	1/0	21.80	21.24	21.04	21.53	64QAM	1/0	21.80	21.16	21.44	21.07
	1/37	21.80	21.33	21.12	21.60		1/50	21.80	21.34	21.63	21.20
	1/74	21.80	21.23	21.01	21.47		1/99	21.80	21.18	21.49	21.04
	36/0	20.80	19.92	19.96	19.95		50/0	20.80	19.93	19.93	20.01
	36/19	20.80	19.95	20.03	19.95		50/25	20.80	20.04	20.06	20.01
	36/39	20.80	19.95	20.00	19.91		50/50	20.80	19.96	20.03	19.86
	75/0	20.80	19.93	19.98	19.99		100/0	20.80	19.90	19.92	19.95

Note: The tested channels are marks in bold.

10. Conducted power measurement results of LTE B12

Down Antenna Receiver on

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	24.50	23.56	23.58	23.55	QPSK	1/0	24.50	23.44	23.48	23.38
	1/2	24.50	23.62	23.61	23.59		1/7	24.50	23.55	23.63	23.50
	1/5	24.50	23.55	23.54	23.52		1/14	24.50	23.41	23.50	23.33
	3/0	24.50	23.71	23.66	23.63		8/0	23.50	22.67	22.74	22.63
	3/1	24.50	23.71	23.69	23.66		8/3	23.50	22.74	22.78	22.67
	3/3	24.50	23.78	23.67	23.62		8/7	23.50	22.65	22.70	22.61
	6/0	23.50	22.75	22.80	22.69		15/0	23.50	22.67	22.64	22.57
16QAM	1/0	23.50	22.70	22.78	22.90	16QAM	1/0	23.50	22.49	22.95	22.53
	1/2	23.50	22.73	22.83	22.97		1/7	23.50	22.62	23.09	22.64
	1/5	23.50	22.76	22.74	22.91		1/14	23.50	22.48	22.93	22.43
	3/0	23.50	22.96	22.83	22.86		8/0	22.50	21.90	21.89	21.77
	3/1	23.50	22.97	22.84	22.86		8/3	22.50	22.02	21.95	21.82
	3/3	23.50	22.96	22.82	22.83		8/7	22.50	21.90	21.83	21.74
	6/0	22.50	22.06	21.99	21.69		15/0	22.50	21.82	21.71	21.66
64QAM	1/0	22.50	21.99	22.02	22.17	64QAM	1/0	22.50	22.03	21.82	21.88
	1/2	22.50	22.06	22.03	22.23		1/7	22.50	22.16	21.97	22.00
	1/5	22.50	21.90	22.07	22.09		1/14	22.50	22.05	21.82	21.82
	3/0	22.50	22.04	21.83	22.17		8/0	21.50	20.91	20.85	20.77
	3/1	22.50	22.06	21.86	22.16		8/3	21.50	20.97	20.91	20.79
	3/3	22.50	22.07	21.88	22.15		8/7	21.50	20.83	20.80	20.72
	6/0	21.50	21.18	20.97	20.80		15/0	21.50	20.78	20.78	20.76

LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.50	23.78	23.72	23.71	QPSK	1/0	24.50	23.71	23.85	23.76
	1/12	24.50	23.84	23.82	23.81		1/24	24.50	23.79	23.86	23.79
	1/24	24.50	23.79	23.70	23.68		1/49	24.50	23.76	23.81	23.68
	12/0	23.50	22.74	22.73	22.69		25/0	23.50	22.77	22.76	22.81
	12/6	23.50	22.83	22.84	22.70		25/12	23.50	22.95	22.87	22.82
	12/13	23.50	22.84	22.78	22.75		25/25	23.50	22.93	22.65	22.76
	25/0	23.50	22.83	22.81	22.77		50/0	23.50	22.84	22.67	22.81
16QAM	1/0	23.50	22.98	23.33	22.83	16QAM	1/0	23.50	22.77	22.85	23.27
	1/12	23.50	23.11	23.48	22.97		1/24	23.50	22.90	22.87	23.25
	1/24	23.50	23.04	23.26	22.80		1/49	23.50	22.82	22.81	23.17
	12/0	22.50	21.93	21.92	21.88		25/0	22.50	21.89	21.82	21.98
	12/6	22.50	22.05	22.05	21.90		25/12	22.50	21.99	21.97	22.00
	12/13	22.50	22.02	21.95	21.87		25/25	22.50	21.99	21.77	21.86
	25/0	22.50	21.96	21.91	21.82		50/0	22.50	21.88	21.82	21.90
64QAM	1/0	22.50	21.81	22.18	22.03	64QAM	1/0	22.50	22.23	22.08	22.12
	1/12	22.50	21.98	22.32	22.19		1/24	22.50	22.32	22.09	22.13
	1/24	22.50	21.89	22.16	22.06		1/49	22.50	22.28	22.06	22.05
	12/0	21.50	20.89	20.80	20.87		25/0	21.50	20.91	20.83	21.00
	12/6	21.50	21.00	20.86	20.96		25/12	21.50	21.04	21.02	21.00
	12/13	21.50	21.00	20.81	20.93		25/25	21.50	21.05	20.85	20.91
	25/0	21.50	20.93	20.80	20.91		50/0	21.50	21.01	20.87	20.90

Down Antenna Receiver off

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	24.50	23.53	23.58	23.39	QPSK	1/0	24.50	23.35	23.45	23.32
	1/2	24.50	23.58	23.60	23.49		1/7	24.50	23.53	23.60	23.43
	1/5	24.50	23.49	23.57	23.42		1/14	24.50	23.41	23.42	23.29
	3/0	24.50	23.64	23.67	23.57		8/0	23.50	22.64	22.70	22.57
	3/1	24.50	23.64	23.67	23.61		8/3	23.50	22.72	22.78	22.58
	3/3	24.50	23.66	23.65	23.59		8/7	23.50	22.61	22.65	22.54
	6/0	23.50	22.70	22.78	22.62		15/0	23.50	22.64	22.66	22.52
16QAM	1/0	23.50	22.67	22.80	22.90	16QAM	1/0	23.50	22.46	22.93	22.40
	1/2	23.50	22.72	22.83	22.96		1/7	23.50	22.58	23.04	22.54
	1/5	23.50	22.72	22.79	22.88		1/14	23.50	22.47	22.88	22.32
	3/0	23.50	22.91	22.82	22.86		8/0	22.50	21.89	21.85	21.88
	3/1	23.50	22.93	22.81	22.85		8/3	22.50	21.96	21.93	21.90
	3/3	23.50	22.92	22.81	22.82		8/7	22.50	21.88	21.81	21.81
	6/0	22.50	22.03	21.99	21.66		15/0	22.50	21.81	21.74	21.78
64QAM	1/0	22.50	22.03	22.25	21.94	64QAM	1/0	22.50	21.92	22.02	21.72
	1/2	22.50	22.05	22.28	21.96		1/7	22.50	22.07	22.13	21.88
	1/5	22.50	22.08	22.17	21.97		1/14	22.50	21.93	21.94	21.70
	3/0	22.50	21.86	22.22	21.76		8/0	21.50	20.78	20.91	20.76
	3/1	22.50	21.87	22.24	21.78		8/3	21.50	20.84	20.92	20.84
	3/3	22.50	21.89	22.20	21.78		8/7	21.50	20.73	20.77	20.76
	6/0	21.50	20.93	20.83	20.88		15/0	21.50	20.80	20.74	20.74



LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.50	23.78	23.77	23.64	QPSK	1/0	24.50	23.70	23.86	23.72
	1/12	24.50	23.90	23.89	23.74		1/24	24.50	23.76	23.94	23.71
	1/24	24.50	23.81	23.72	23.61		1/49	24.50	23.73	23.79	23.63
	12/0	23.50	22.68	22.75	22.63		25/0	23.50	22.67	22.71	22.77
	12/6	23.50	22.81	22.78	22.72		25/12	23.50	22.82	22.87	22.78
	12/13	23.50	22.81	22.75	22.64		25/25	23.50	22.88	22.64	22.73
	25/0	23.50	22.81	22.75	22.73		50/0	23.50	22.80	22.64	22.77
16QAM	1/0	23.50	22.93	23.33	22.85	16QAM	1/0	23.50	22.88	22.79	23.20
	1/12	23.50	23.10	23.44	22.94		1/24	23.50	23.01	22.84	23.21
	1/24	23.50	23.05	23.24	22.80		1/49	23.50	22.91	22.77	23.14
	12/0	22.50	21.95	21.94	21.84		25/0	22.50	21.96	21.77	21.92
	12/6	22.50	22.02	22.02	21.88		25/12	22.50	22.06	21.92	21.93
	12/13	22.50	22.03	21.97	21.87		25/25	22.50	22.05	21.75	21.87
	25/0	22.50	21.98	21.88	21.80		50/0	22.50	21.94	21.79	21.87
64QAM	1/0	22.50	21.83	22.17	22.00	64QAM	1/0	22.50	22.20	22.09	22.10
	1/12	22.50	21.95	22.28	22.15		1/24	22.50	22.27	22.05	22.06
	1/24	22.50	21.88	22.16	22.03		1/49	22.50	22.20	22.07	22.04
	12/0	21.50	20.87	20.74	20.84		25/0	21.50	20.88	20.82	20.98
	12/6	21.50	20.99	20.84	20.91		25/12	21.50	21.00	20.98	21.01
	12/13	21.50	20.95	20.79	20.91		25/25	21.50	20.99	20.83	20.91
	25/0	21.50	20.89	20.78	20.88		50/0	21.50	20.96	20.81	20.90

Up Antenna Receiver on

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	24.50	23.57	23.50	23.54	QPSK	1/0	24.50	23.36	23.53	23.41
	1/2	24.50	23.65	23.58	23.53		1/7	24.50	23.52	23.62	23.49
	1/5	24.50	23.56	23.47	23.42		1/14	24.50	23.42	23.44	23.35
	3/0	24.50	23.68	23.66	23.60		8/0	23.50	22.60	22.74	22.61
	3/1	24.50	23.68	23.68	23.58		8/3	23.50	22.72	22.79	22.64
	3/3	24.50	23.68	23.69	23.58		8/7	23.50	22.62	22.67	22.58
	6/0	23.50	22.74	22.77	22.66		15/0	23.50	22.65	22.64	22.58
16QAM	1/0	23.50	22.65	22.80	22.88	16QAM	1/0	23.50	22.46	22.98	22.47
	1/2	23.50	22.70	22.87	22.97		1/7	23.50	22.58	23.08	22.54
	1/5	23.50	22.72	22.79	22.88		1/14	23.50	22.44	22.91	22.34
	3/0	23.50	22.88	22.83	22.86		8/0	22.50	21.89	21.89	21.89
	3/1	23.50	22.94	22.80	22.85		8/3	22.50	21.95	21.92	21.90
	3/3	23.50	22.91	22.84	22.84		8/7	22.50	21.88	21.81	21.81
	6/0	22.50	22.01	21.97	21.67		15/0	22.50	21.80	21.73	21.76
64QAM	1/0	22.50	21.98	22.25	21.96	64QAM	1/0	22.50	21.95	22.02	21.77
	1/2	22.50	22.01	22.32	22.00		1/7	22.50	22.06	22.13	21.90
	1/5	22.50	22.02	22.20	22.00		1/14	22.50	21.99	21.98	21.75
	3/0	22.50	21.83	22.23	21.82		8/0	21.50	20.80	20.89	20.79
	3/1	22.50	21.84	22.28	21.82		8/3	21.50	20.87	20.95	20.84
	3/3	22.50	21.87	22.22	21.82		8/7	21.50	20.76	20.80	20.75
	6/0	21.50	20.97	20.85	20.89		15/0	21.50	20.85	20.77	20.75



LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.50	23.78	23.81	23.67	QPSK	1/0	24.50	23.81	23.94	23.80
	1/12	24.50	23.89	23.90	23.73		1/24	24.50	23.76	23.83	23.72
	1/24	24.50	23.79	23.72	23.62		1/49	24.50	23.74	23.78	23.68
	12/0	23.50	22.75	22.72	22.67		25/0	23.50	22.76	22.74	22.75
	12/6	23.50	22.83	22.83	22.72		25/12	23.50	22.83	22.88	22.80
	12/13	23.50	22.79	22.82	22.72		25/25	23.50	22.80	22.71	22.65
	25/0	23.50	22.82	22.81	22.75		50/0	23.50	22.82	22.68	22.73
16QAM	1/0	23.50	22.93	23.32	22.84	16QAM	1/0	23.50	22.87	22.82	23.29
	1/12	23.50	23.08	23.41	22.95		1/24	23.50	23.00	22.85	23.20
	1/24	23.50	22.99	23.23	22.82		1/49	23.50	22.93	22.73	23.15
	12/0	22.50	21.91	21.94	21.85		25/0	22.50	21.95	21.80	21.90
	12/6	22.50	22.01	22.03	21.89		25/12	22.50	22.03	21.94	21.95
	12/13	22.50	21.99	21.99	21.87		25/25	22.50	22.06	21.83	21.81
	25/0	22.50	21.91	21.90	21.81		50/0	22.50	21.98	21.83	21.85
64QAM	1/0	22.50	21.80	22.20	22.04	64QAM	1/0	22.50	22.22	22.06	22.12
	1/12	22.50	21.95	22.30	22.19		1/24	22.50	22.27	22.09	22.04
	1/24	22.50	21.85	22.15	22.06		1/49	22.50	22.23	22.05	22.07
	12/0	21.50	20.88	20.76	20.85		25/0	21.50	20.90	20.86	20.92
	12/6	21.50	20.99	20.86	20.94		25/12	21.50	20.98	21.02	21.02
	12/13	21.50	20.95	20.82	20.88		25/25	21.50	21.01	20.88	20.84
	25/0	21.50	20.85	20.79	20.90		50/0	21.50	20.97	20.86	20.84

Up Antenna Receiver off

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	24.50	23.51	23.56	23.53	QPSK	1/0	24.50	23.36	23.52	23.37
	1/2	24.50	23.57	23.59	23.58		1/7	24.50	23.49	23.61	23.48
	1/5	24.50	23.50	23.52	23.50		1/14	24.50	23.42	23.46	23.35
	3/0	24.50	23.65	23.62	23.61		8/0	23.50	22.63	22.71	22.64
	3/1	24.50	23.66	23.64	23.61		8/3	23.50	22.64	22.74	22.64
	3/3	24.50	23.69	23.64	23.60		8/7	23.50	22.62	22.66	22.56
	6/0	23.50	22.71	22.78	22.65		15/0	23.50	22.64	22.65	22.55
16QAM	1/0	23.50	22.96	22.71	22.68	16QAM	1/0	23.50	22.43	22.92	22.41
	1/2	23.50	23.03	22.72	22.70		1/7	23.50	22.56	23.08	22.54
	1/5	23.50	23.00	22.70	22.65		1/14	23.50	22.42	22.88	22.34
	3/0	23.50	22.92	22.94	22.69		8/0	22.50	21.84	21.87	21.86
	3/1	23.50	22.91	22.96	22.68		8/3	22.50	21.91	21.93	21.91
	3/3	23.50	22.90	22.94	22.69		8/7	22.50	21.83	21.80	21.81
	6/0	22.50	21.72	22.03	21.89		15/0	22.50	21.75	21.74	21.76
64QAM	1/0	22.50	21.92	21.98	21.91	64QAM	1/0	22.50	21.92	22.02	21.75
	1/2	22.50	22.03	21.99	21.98		1/7	22.50	22.03	22.13	21.88
	1/5	22.50	21.88	22.00	22.02		1/14	22.50	21.88	21.96	21.74
	3/0	22.50	21.99	21.80	21.80		8/0	21.50	20.80	20.88	20.80
	3/1	22.50	22.02	21.81	21.80		8/3	21.50	20.84	20.90	20.85
	3/3	22.50	22.05	21.84	21.81		8/7	21.50	20.72	20.78	20.79
	6/0	21.50	21.15	20.92	20.87		15/0	21.50	20.81	20.73	20.74

LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.50	23.75	23.81	23.67	QPSK	1/0	24.50	23.71	23.79	23.73
	1/12	24.50	23.86	23.85	23.74		1/24	24.50	23.77	23.89	23.79
	1/24	24.50	23.80	23.71	23.62		1/49	24.50	23.72	23.80	23.70
	12/0	23.50	22.74	22.73	22.66		25/0	23.50	22.76	22.70	22.73
	12/6	23.50	22.82	22.82	22.66		25/12	23.50	22.94	22.96	22.78
	12/13	23.50	22.79	22.79	22.69		25/25	23.50	22.93	22.68	22.67
	25/0	23.50	22.78	22.81	22.78		50/0	23.50	22.84	22.68	22.72
16QAM	1/0	23.50	22.93	23.32	22.83	16QAM	1/0	23.50	22.81	22.80	23.26
	1/12	23.50	23.09	23.44	22.92		1/24	23.50	22.98	22.83	23.19
	1/24	23.50	23.02	23.23	22.83		1/49	23.50	22.93	22.73	23.12
	12/0	22.50	21.90	21.89	21.86		25/0	22.50	21.95	21.76	21.87
	12/6	22.50	21.95	22.01	21.90		25/12	22.50	22.02	21.90	21.91
	12/13	22.50	21.96	21.98	21.87		25/25	22.50	22.09	21.77	21.78
	25/0	22.50	21.90	21.88	21.80		50/0	22.50	22.00	21.80	21.83
64QAM	1/0	22.50	21.86	22.16	22.00	64QAM	1/0	22.50	22.19	22.04	22.12
	1/12	22.50	21.96	22.29	22.10		1/24	22.50	22.27	22.08	22.08
	1/24	22.50	21.87	22.12	22.09		1/49	22.50	22.21	22.03	22.04
	12/0	21.50	20.84	20.71	20.86		25/0	21.50	20.94	20.82	20.89
	12/6	21.50	20.96	20.81	20.91		25/12	21.50	21.00	20.98	20.98
	12/13	21.50	20.93	20.82	20.90		25/25	21.50	21.01	20.84	20.88
	25/0	21.50	20.84	20.80	20.89		50/0	21.50	20.99	20.88	20.85

Note: The tested channels are marks in bold.

11. Conducted power measurement results of LTE B17

Down Antenna Receiver on

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23755/706.5	23790/710	23825/713.5				23780/709	23790/710	23800/711
QPSK	1/0	24.50	23.85	23.79	23.69	QPSK	1/0	24.50	23.76	23.84	23.77
	1/12	24.50	23.81	23.87	23.82		1/24	24.50	23.80	23.89	23.78
	1/24	24.50	23.79	23.76	23.60		1/49	24.50	23.72	23.78	23.70
	12/0	23.50	22.75	22.74	22.74		25/0	23.50	22.72	22.78	22.82
	12/6	23.50	22.86	22.77	22.74		25/12	23.50	22.84	22.87	22.83
	12/13	23.50	22.85	22.71	22.76		25/25	23.50	22.66	22.71	22.80
	25/0	23.50	22.83	22.78	22.84		50/0	23.50	22.69	22.77	22.83
16QAM	1/0	23.50	22.98	22.94	23.22	16QAM	1/0	23.50	22.82	23.22	22.92
	1/12	23.50	23.09	23.01	23.37		1/24	23.50	22.83	23.22	22.93
	1/24	23.50	22.93	22.94	23.17		1/49	23.50	22.79	23.22	22.84
	12/0	22.50	21.89	21.93	21.98		25/0	22.50	21.77	21.84	22.00
	12/6	22.50	21.96	22.02	21.98		25/12	22.50	21.94	21.98	22.02
	12/13	22.50	21.97	21.90	21.99		25/25	22.50	21.80	21.86	21.96
	25/0	22.50	21.82	21.90	21.94		50/0	22.50	21.80	21.87	21.95
64QAM	1/0	22.50	22.26	22.07	21.78	64QAM	1/0	22.50	22.18	22.28	22.05
	1/12	22.50	22.33	22.18	21.89		1/24	22.50	22.18	22.28	22.07
	1/24	22.50	22.19	22.13	21.74		1/49	22.50	22.07	22.23	21.98
	12/0	21.50	20.78	20.94	20.90		25/0	21.50	20.91	20.88	21.00
	12/6	21.50	20.87	20.99	20.94		25/12	21.50	21.04	21.00	21.02
	12/13	21.50	20.87	20.91	20.91		25/25	21.50	20.89	20.88	20.95
	25/0	21.50	20.85	20.90	20.85		50/0	21.50	20.84	20.88	20.94

Down Antenna Receiver off

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23755/706.5	23790/710	23825/713.5				23780/709	23790/710	23800/711
QPSK	1/0	24.50	23.75	23.76	23.72	QPSK	1/0	24.50	23.76	23.79	23.72
	1/12	24.50	23.84	23.77	23.83		1/24	24.50	23.79	23.86	23.74
	1/24	24.50	23.69	23.75	23.64		1/49	24.50	23.71	23.78	23.67
	12/0	23.50	22.75	22.76	22.70		25/0	23.50	22.74	22.75	22.78
	12/6	23.50	22.84	22.78	22.72		25/12	23.50	22.79	22.84	22.79
	12/13	23.50	22.82	22.70	22.70		25/25	23.50	22.66	22.68	22.73
	25/0	23.50	22.81	22.79	22.76		50/0	23.50	22.71	22.75	22.75
16QAM	1/0	23.50	22.94	22.91	23.20	16QAM	1/0	23.50	22.81	23.23	22.91
	1/12	23.50	23.05	22.98	23.34		1/24	23.50	22.79	23.20	22.87
	1/24	23.50	22.88	22.92	23.12		1/49	23.50	22.72	23.14	22.79
	12/0	22.50	21.89	21.93	21.94		25/0	22.50	21.79	21.84	21.96
	12/6	22.50	21.93	21.96	22.01		25/12	22.50	21.94	21.99	22.00
	12/13	22.50	21.93	21.88	21.96		25/25	22.50	21.80	21.82	21.92
	25/0	22.50	21.83	21.87	21.91		50/0	22.50	21.78	21.84	21.96
64QAM	1/0	22.50	22.14	21.78	22.14	64QAM	1/0	22.50	22.29	22.06	22.25
	1/12	22.50	22.22	21.84	22.27		1/24	22.50	22.29	22.04	22.26
	1/24	22.50	22.10	21.82	22.06		1/49	22.50	22.24	22.00	22.23
	12/0	21.50	20.89	20.88	20.76		25/0	21.50	20.82	20.87	20.96
	12/6	21.50	20.97	20.95	20.83		25/12	21.50	20.93	21.04	20.97
	12/13	21.50	21.00	20.85	20.78		25/25	21.50	20.85	20.86	20.95
	25/0	21.50	20.88	20.82	20.81		50/0	21.50	20.79	20.89	20.91

Up Antenna Receiver on

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23755/706.5	23790/710	23825/713.5				23780/709	23790/710	23800/711
QPSK	1/0	24.50	23.76	23.77	23.76	QPSK	1/0	24.50	23.71	23.83	23.76
	1/12	24.50	23.86	23.87	23.85		1/24	24.50	23.77	23.88	23.78
	1/24	24.50	23.74	23.71	23.71		1/49	24.50	23.73	23.76	23.66
	12/0	23.50	22.72	22.73	22.73		25/0	23.50	22.75	22.69	22.75
	12/6	23.50	22.84	22.77	22.76		25/12	23.50	22.83	22.85	22.81
	12/13	23.50	22.86	22.75	22.71		25/25	23.50	22.68	22.69	22.76
	25/0	23.50	22.84	22.77	22.78		50/0	23.50	22.69	22.71	22.72
16QAM	1/0	23.50	22.95	22.95	23.22	16QAM	1/0	23.50	22.83	23.23	22.93
	1/12	23.50	23.10	22.98	23.37		1/24	23.50	22.81	23.23	22.87
	1/24	23.50	22.95	22.92	23.19		1/49	23.50	22.72	23.19	22.81
	12/0	22.50	21.90	21.97	21.99		25/0	22.50	21.79	21.80	21.87
	12/6	22.50	21.93	21.99	22.00		25/12	22.50	21.94	21.96	21.99
	12/13	22.50	21.96	21.90	21.95		25/25	22.50	21.77	21.84	21.86
	25/0	22.50	21.86	21.86	21.91		50/0	22.50	21.80	21.83	21.84
64QAM	1/0	22.50	22.12	21.81	22.12	64QAM	1/0	22.50	22.27	22.08	22.14
	1/12	22.50	22.24	21.87	22.24		1/24	22.50	22.27	22.03	22.15
	1/24	22.50	22.14	21.82	22.09		1/49	22.50	22.18	22.01	22.09
	12/0	21.50	20.91	20.89	20.80		25/0	21.50	20.78	20.82	20.92
	12/6	21.50	20.96	20.96	20.84		25/12	21.50	20.97	21.02	21.01
	12/13	21.50	21.00	20.89	20.75		25/25	21.50	20.84	20.88	20.90
	25/0	21.50	20.91	20.80	20.83		50/0	21.50	20.81	20.88	20.87

Up Antenna Receiver off

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23755/706.5	23790/710	23825/713.5				23780/709	23790/710	23800/711
QPSK	1/0	24.50	23.76	23.74	23.70	QPSK	1/0	24.50	23.72	23.83	23.75
	1/12	24.50	23.77	23.82	23.85		1/24	24.50	23.74	23.89	23.76
	1/24	24.50	23.72	23.74	23.69		1/49	24.50	23.69	23.74	23.66
	12/0	23.50	22.70	22.70	22.70		25/0	23.50	22.70	22.71	22.71
	12/6	23.50	22.84	22.78	22.70		25/12	23.50	22.75	22.81	22.78
	12/13	23.50	22.86	22.70	22.70		25/25	23.50	22.61	22.69	22.70
	25/0	23.50	22.81	22.73	22.75		50/0	23.50	22.60	22.67	22.71
16QAM	1/0	23.50	22.96	22.93	23.19	16QAM	1/0	23.50	22.80	23.21	22.90
	1/12	23.50	23.04	22.96	23.33		1/24	23.50	22.80	23.21	22.85
	1/24	23.50	22.91	22.90	23.15		1/49	23.50	22.71	23.12	22.79
	12/0	22.50	21.85	21.88	21.98		25/0	22.50	21.77	21.78	21.88
	12/6	22.50	21.99	21.94	21.95		25/12	22.50	21.89	21.94	21.97
	12/13	22.50	21.96	21.87	21.97		25/25	22.50	21.78	21.79	21.86
	25/0	22.50	21.82	21.84	21.94		50/0	22.50	21.74	21.81	21.83
64QAM	1/0	22.50	22.12	21.80	22.11	64QAM	1/0	22.50	22.25	22.05	22.25
	1/12	22.50	22.17	21.88	22.24		1/24	22.50	22.21	22.04	22.26
	1/24	22.50	22.11	21.78	22.08		1/49	22.50	22.18	22.00	22.24
	12/0	21.50	20.86	20.88	20.78		25/0	21.50	20.78	20.82	20.87
	12/6	21.50	20.98	20.94	20.83		25/12	21.50	20.94	20.97	20.95
	12/13	21.50	20.99	20.86	20.77		25/25	21.50	20.77	20.86	20.86
	25/0	21.50	20.89	20.80	20.81		50/0	21.50	20.78	20.86	20.85

Note: The tested channels are marks in bold.

12. Conducted power measurement results of LTE B26

Down Antenna Receiver on

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	24.50	23.30	23.25	23.16	QPSK	1/0	24.50	23.22	23.14	23.02
	1/2	24.50	23.41	23.28	23.24		1/7	24.50	23.32	23.22	23.14
	1/5	24.50	23.31	23.20	23.16		1/14	24.50	23.20	23.07	22.96
	3/0	24.50	23.43	23.28	23.25		8/0	23.50	22.42	22.32	22.23
	3/1	24.50	23.47	23.30	23.29		8/3	23.50	22.49	22.33	22.30
	3/3	24.50	23.45	23.31	23.26		8/7	23.50	22.41	22.23	22.22
	6/0	23.50	22.51	22.37	22.33		15/0	23.50	22.40	22.24	22.17
16QAM	1/0	23.50	22.71	22.20	22.26	16QAM	1/0	23.50	22.13	22.47	22.12
	1/2	23.50	22.77	22.25	22.31		1/7	23.50	22.27	22.55	22.20
	1/5	23.50	22.65	22.22	22.24		1/14	23.50	22.09	22.44	22.05
	3/0	23.50	22.66	22.47	22.28		8/0	22.50	21.56	21.42	21.31
	3/1	23.50	22.65	22.49	22.30		8/3	22.50	21.64	21.43	21.37
	3/3	23.50	22.64	22.47	22.31		8/7	22.50	21.55	21.36	21.23
	6/0	22.50	21.40	21.54	21.51		15/0	22.50	21.44	21.28	21.21
64QAM	1/0	22.50	21.67	21.73	21.46	64QAM	1/0	22.50	21.70	21.32	21.42
	1/2	22.50	21.71	21.83	21.52		1/7	22.50	21.79	21.45	21.51
	1/5	22.50	21.66	21.73	21.39		1/14	22.50	21.67	21.34	21.33
	3/0	22.50	21.55	21.78	21.55		8/0	21.50	20.63	20.39	20.29
	3/1	22.50	21.56	21.79	21.56		8/3	21.50	20.67	20.43	20.32
	3/3	22.50	21.52	21.77	21.54		8/7	21.50	20.55	20.37	20.22
	6/0	21.50	20.68	20.40	20.70		15/0	21.50	20.47	20.33	20.31



LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	24.50	23.58	23.32	23.34	QPSK	1/0	24.50	23.55	23.48	23.39
	1/12	24.50	23.56	23.43	23.45		1/24	24.50	23.51	23.46	23.38
	1/24	24.50	23.50	23.30	23.32		1/49	24.50	23.46	23.44	23.35
	12/0	23.50	22.42	22.37	22.32		25/0	23.50	22.42	22.41	22.32
	12/6	23.50	22.50	22.40	22.38		25/12	23.50	22.55	22.44	22.39
	12/13	23.50	22.52	22.37	22.29		25/25	23.50	22.52	22.39	22.21
	25/0	23.50	22.51	22.36	22.32		50/0	23.50	22.48	22.41	22.27
16QAM	1/0	23.50	22.65	22.80	22.42	16QAM	1/0	23.50	22.48	22.75	22.50
	1/12	23.50	22.73	22.94	22.50		1/24	23.50	22.49	22.80	22.50
	1/24	23.50	22.61	22.80	22.41		1/49	23.50	22.42	22.79	22.40
	12/0	22.50	21.56	21.48	21.41		25/0	22.50	21.45	21.49	21.41
	12/6	22.50	21.62	21.55	21.47		25/12	22.50	21.60	21.49	21.54
	12/13	22.50	21.63	21.52	21.38		25/25	22.50	21.59	21.45	21.34
	25/0	22.50	21.55	21.47	21.30		50/0	22.50	21.51	21.47	21.38
64QAM	1/0	22.50	21.46	21.65	21.57	64QAM	1/0	22.50	21.95	21.54	21.65
	1/12	22.50	21.52	21.72	21.69		1/24	22.50	21.91	21.55	21.65
	1/24	22.50	21.48	21.64	21.59		1/49	22.50	21.84	21.57	21.56
	12/0	21.50	20.60	20.33	20.46		25/0	21.50	20.59	20.53	20.43
	12/6	21.50	20.68	20.42	20.49		25/12	21.50	20.69	20.55	20.54
	12/13	21.50	20.70	20.34	20.43		25/25	21.50	20.70	20.49	20.39
	25/0	21.50	20.59	20.38	20.38		50/0	21.50	20.63	20.53	20.35

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/821.5	26865/831	26965/841.5
QPSK	1/0	24.50	23.59	23.48	23.51
	1/37	24.50	23.48	23.46	23.41
	1/74	24.50	23.34	23.37	23.31
	36/0	23.50	22.40	23.37	22.26
	36/19	23.50	22.48	22.46	22.36
	36/39	23.50	22.42	22.42	22.27
	75/0	23.50	22.43	22.44	22.27
16QAM	1/0	23.50	22.43	22.74	22.25
	1/37	23.50	22.43	22.77	22.34
	1/74	23.50	22.24	22.75	22.21
	36/0	22.50	21.42	21.55	21.31
	36/19	22.50	21.45	21.45	21.35
	36/39	22.50	21.40	21.47	21.28
	75/0	22.50	21.44	21.48	21.32
64QAM	1/0	22.50	21.88	21.53	21.97
	1/37	22.50	21.87	21.61	22.07
	1/74	22.50	21.70	21.47	21.95
	36/0	21.50	20.48	21.47	20.32
	36/19	21.50	20.58	20.51	20.41
	36/39	21.50	20.46	20.49	20.29
	75/0	21.50	20.48	20.48	20.38

Down Antenna Receiver off

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	24.50	23.38	23.14	23.21	QPSK	1/0	24.50	23.22	23.05	23.03
	1/2	24.50	23.44	23.23	23.21		1/7	24.50	23.28	23.15	23.18
	1/5	24.50	23.35	23.11	23.15		1/14	24.50	23.16	23.02	23.05
	3/0	24.50	23.47	23.27	23.23		8/0	23.50	22.39	22.26	22.26
	3/1	24.50	23.49	23.30	23.23		8/3	23.50	22.45	22.30	22.31
	3/3	24.50	23.44	23.31	23.23		8/7	23.50	22.39	22.25	22.16
	6/0	23.50	22.51	22.38	22.32		15/0	23.50	22.35	22.24	22.18
16QAM	1/0	23.50	22.37	22.25	22.50	16QAM	1/0	23.50	22.12	22.41	22.09
	1/2	23.50	22.41	22.34	22.57		1/7	23.50	22.25	22.53	22.20
	1/5	23.50	22.36	22.25	22.52		1/14	23.50	22.10	22.43	22.01
	3/0	23.50	22.61	22.33	22.46		8/0	22.50	21.58	21.41	21.30
	3/1	23.50	22.65	22.32	22.46		8/3	22.50	21.59	21.41	21.36
	3/3	23.50	22.61	22.34	22.47		8/7	22.50	21.51	21.36	21.28
	6/0	22.50	21.66	21.50	21.27		15/0	22.50	21.42	21.30	21.20
64QAM	1/0	22.50	21.65	21.73	21.41	64QAM	1/0	22.50	21.43	21.43	21.52
	1/2	22.50	21.69	21.80	21.52		1/7	22.50	21.57	21.53	21.64
	1/5	22.50	21.63	21.71	21.38		1/14	22.50	21.49	21.37	21.49
	3/0	22.50	21.54	21.73	21.47		8/0	21.50	20.54	20.30	20.41
	3/1	22.50	21.54	21.76	21.51		8/3	21.50	20.62	20.32	20.43
	3/3	22.50	21.53	21.76	21.52		8/7	21.50	20.53	20.27	20.29
	6/0	21.50	20.66	20.38	20.68		15/0	21.50	20.53	20.38	20.27



LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	24.50	23.59	23.34	23.34	QPSK	1/0	24.50	23.56	23.44	23.39
	1/12	24.50	23.58	23.41	23.45		1/24	24.50	23.51	23.44	23.40
	1/24	24.50	23.50	23.31	23.29		1/49	24.50	23.45	23.44	23.32
	12/0	23.50	22.41	22.32	22.34		25/0	23.50	22.42	22.41	22.28
	12/6	23.50	22.51	22.39	22.36		25/12	23.50	22.51	22.44	22.39
	12/13	23.50	22.53	22.35	22.27		25/25	23.50	22.51	22.39	22.21
	25/0	23.50	22.51	22.38	22.34		50/0	23.50	22.47	22.43	22.26
16QAM	1/0	23.50	22.63	22.81	22.41	16QAM	1/0	23.50	22.47	22.75	22.37
	1/12	23.50	22.72	22.93	22.54		1/24	23.50	22.46	22.79	22.37
	1/24	23.50	22.60	22.80	22.39		1/49	23.50	22.37	22.78	22.29
	12/0	22.50	21.53	21.50	21.43		25/0	22.50	21.44	21.49	21.36
	12/6	22.50	21.63	21.53	21.43		25/12	22.50	21.57	21.46	21.43
	12/13	22.50	21.63	21.53	21.37		25/25	22.50	21.57	21.43	21.29
	25/0	22.50	21.55	21.44	21.30		50/0	22.50	21.47	21.44	21.34
64QAM	1/0	22.50	21.74	21.31	21.66	64QAM	1/0	22.50	21.93	21.53	21.62
	1/12	22.50	21.81	21.40	21.77		1/24	22.50	21.94	21.60	21.67
	1/24	22.50	21.77	21.33	21.65		1/49	22.50	21.85	21.59	21.55
	12/0	21.50	20.64	20.44	20.35		25/0	21.50	20.57	20.58	20.43
	12/6	21.50	20.71	20.51	20.38		25/12	21.50	20.72	20.54	20.55
	12/13	21.50	20.74	20.47	20.29		25/25	21.50	20.70	20.56	20.37
	25/0	21.50	20.64	20.43	20.33		50/0	21.50	20.62	20.52	20.36

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/821.5	26865/831	26965/841.5
QPSK	1/0	24.50	23.53	23.39	23.31
	1/37	24.50	23.64	23.47	23.40
	1/74	24.50	23.32	23.36	23.29
	36/0	23.50	22.41	23.36	22.29
	36/19	23.50	22.49	22.43	22.33
	36/39	23.50	22.40	22.37	22.27
	75/0	23.50	22.41	22.43	22.24
16QAM	1/0	23.50	22.43	22.70	22.74
	1/37	23.50	22.44	22.77	22.84
	1/74	23.50	22.23	22.75	22.65
	36/0	22.50	21.39	21.45	21.24
	36/19	22.50	21.49	21.44	21.32
	36/39	22.50	21.41	21.46	21.22
	75/0	22.50	21.43	21.47	21.31
64QAM	1/0	22.50	21.87	21.56	21.98
	1/37	22.50	21.88	21.58	22.08
	1/74	22.50	21.71	21.51	21.98
	36/0	21.50	20.52	20.48	20.32
	36/19	21.50	20.58	20.50	20.40
	36/39	21.50	20.49	20.50	20.29
	75/0	21.50	20.47	20.49	20.37

Up Antenna Receiver on

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	24.50	23.51	23.37	23.20	QPSK	1/0	24.50	23.38	23.25	23.09
	1/2	24.50	23.56	23.41	23.29		1/7	24.50	23.46	23.35	23.25
	1/5	24.50	23.47	23.34	23.24		1/14	24.50	23.28	23.23	23.09
	3/0	24.50	23.57	23.44	23.35		8/0	23.50	22.58	22.42	22.39
	3/1	24.50	23.57	23.44	23.39		8/3	23.50	22.62	22.48	22.44
	3/3	24.50	23.53	23.40	23.38		8/7	23.50	22.55	22.41	22.32
	6/0	23.50	22.63	22.51	22.44		15/0	23.50	22.53	22.35	22.29
16QAM	1/0	23.50	22.47	22.40	22.65	16QAM	1/0	23.50	22.27	22.56	22.24
	1/2	23.50	22.52	22.46	22.70		1/7	23.50	22.38	22.68	22.32
	1/5	23.50	22.48	22.40	22.65		1/14	23.50	22.24	22.53	22.19
	3/0	23.50	22.75	22.44	22.58		8/0	22.50	21.68	21.51	21.44
	3/1	23.50	22.76	22.46	22.58		8/3	22.50	21.74	21.55	21.48
	3/3	23.50	22.73	22.46	22.59		8/7	22.50	21.66	21.48	21.39
	6/0	22.50	21.78	21.62	21.39		15/0	22.50	21.59	21.43	21.32
64QAM	1/0	22.50	21.79	21.85	21.57	64QAM	1/0	22.50	21.84	21.41	21.48
	1/2	22.50	21.80	21.94	21.62		1/7	22.50	21.93	21.57	21.62
	1/5	22.50	21.84	21.79	21.48		1/14	22.50	21.75	21.43	21.46
	3/0	22.50	21.64	21.87	21.60		8/0	21.50	20.76	20.50	20.40
	3/1	22.50	21.67	21.87	21.63		8/3	21.50	20.80	20.56	20.41
	3/3	22.50	21.68	21.87	21.65		8/7	21.50	20.70	20.50	20.33
	6/0	21.50	20.77	20.49	20.80		15/0	21.50	20.63	20.48	20.43



LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	24.50	23.61	23.44	23.45	QPSK	1/0	24.50	23.69	23.59	23.53
	1/12	24.50	23.67	23.56	23.54		1/24	24.50	23.64	23.61	23.52
	1/24	24.50	23.61	23.44	23.45		1/49	24.50	23.57	23.58	23.48
	12/0	23.50	22.54	22.48	22.47		25/0	23.50	22.53	22.56	22.39
	12/6	23.50	22.65	22.51	22.48		25/12	23.50	22.68	22.56	22.53
	12/13	23.50	22.68	22.49	22.39		25/25	23.50	22.65	22.51	22.31
	25/0	23.50	22.67	22.49	22.49		50/0	23.50	22.63	22.54	22.39
16QAM	1/0	23.50	22.74	22.93	22.57	16QAM	1/0	23.50	22.61	22.87	22.60
	1/12	23.50	22.89	23.03	22.66		1/24	23.50	22.62	22.92	22.56
	1/24	23.50	22.73	22.95	22.51		1/49	23.50	22.52	22.92	22.49
	12/0	22.50	21.63	21.66	21.55		25/0	22.50	21.58	21.65	21.53
	12/6	22.50	21.75	21.67	21.57		25/12	22.50	21.73	21.61	21.63
	12/13	22.50	21.80	21.69	21.48		25/25	22.50	21.74	21.58	21.43
	25/0	22.50	21.68	21.57	21.43		50/0	22.50	21.65	21.61	21.49
64QAM	1/0	22.50	21.58	21.79	21.65	64QAM	1/0	22.50	22.02	21.68	21.77
	1/12	22.50	21.66	21.87	21.79		1/24	22.50	22.05	21.71	21.77
	1/24	22.50	21.58	21.76	21.69		1/49	22.50	21.97	21.70	21.70
	12/0	21.50	20.72	20.49	20.59		25/0	21.50	20.70	20.70	20.50
	12/6	21.50	20.84	20.54	20.60		25/12	21.50	20.87	20.69	20.64
	12/13	21.50	20.83	20.51	20.52		25/25	21.50	20.88	20.63	20.51
	25/0	21.50	20.73	20.51	20.49		50/0	21.50	20.73	20.69	20.44

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/821.5	26865/831	26965/841.5
QPSK	1/0	24.50	23.70	23.67	23.59
	1/37	24.50	23.61	23.63	23.52
	1/74	24.50	23.48	23.51	23.44
	36/0	23.50	22.53	22.46	22.37
	36/19	23.50	22.62	22.60	22.48
	36/39	23.50	22.55	22.55	22.37
	75/0	23.50	22.58	22.61	22.36
16QAM	1/0	23.50	22.56	22.86	22.86
	1/37	23.50	22.59	22.90	22.99
	1/74	23.50	22.36	22.85	22.81
	36/0	22.50	21.51	21.48	21.37
	36/19	22.50	21.60	21.60	21.49
	36/39	22.50	21.52	21.61	21.34
	75/0	22.50	21.58	21.61	21.39
64QAM	1/0	22.50	22.01	21.63	21.85
	1/37	22.50	22.03	21.68	21.93
	1/74	22.50	21.82	21.62	21.78
	36/0	21.50	20.64	20.66	20.45
	36/19	21.50	20.73	20.65	20.52
	36/39	21.50	20.57	20.64	20.43
	75/0	21.50	20.59	20.61	20.44

Up Antenna Receiver off

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	24.50	23.49	23.33	23.12	QPSK	1/0	24.50	23.28	23.12	23.12
	1/2	24.50	23.52	23.35	23.21		1/7	24.50	23.36	23.22	23.22
	1/5	24.50	23.42	23.31	23.13		1/14	24.50	23.24	23.15	23.07
	3/0	24.50	23.49	23.36	23.26		8/0	23.50	22.46	22.39	22.34
	3/1	24.50	23.53	23.39	23.30		8/3	23.50	22.55	22.38	22.35
	3/3	24.50	23.48	23.34	23.29		8/7	23.50	22.47	22.33	22.21
	6/0	23.50	22.60	22.43	22.37		15/0	23.50	22.44	22.32	22.23
16QAM	1/0	23.50	22.44	22.33	22.58	16QAM	1/0	23.50	22.24	22.49	22.13
	1/2	23.50	22.47	22.39	22.61		1/7	23.50	22.33	22.60	22.23
	1/5	23.50	22.43	22.32	22.52		1/14	23.50	22.19	22.47	22.08
	3/0	23.50	22.71	22.39	22.48		8/0	22.50	21.64	21.48	21.34
	3/1	23.50	22.72	22.39	22.47		8/3	22.50	21.70	21.49	21.40
	3/3	23.50	22.68	22.40	22.49		8/7	22.50	21.58	21.39	21.31
	6/0	22.50	21.74	21.56	21.27		15/0	22.50	21.55	21.36	21.21
64QAM	1/0	22.50	21.70	21.54	21.73	64QAM	1/0	22.50	21.61	21.63	21.52
	1/2	22.50	21.76	21.61	21.82		1/7	22.50	21.72	21.70	21.64
	1/5	22.50	21.61	21.61	21.69		1/14	22.50	21.60	21.54	21.51
	3/0	22.50	21.78	21.44	21.73		8/0	21.50	20.58	20.51	20.41
	3/1	22.50	21.81	21.45	21.74		8/3	21.50	20.61	20.50	20.43
	3/3	22.50	21.77	21.45	21.74		8/7	21.50	20.54	20.42	20.29
	6/0	21.50	20.92	20.54	20.39		15/0	21.50	20.59	20.37	20.30



LTE B26/BW=5M		Average Conducted Power(dBm)				LTE B26/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26715/816.5	26865/831	27015/846.5				26740/819	26865/831	26990/844
QPSK	1/0	24.50	23.66	23.40	23.39	QPSK	1/0	24.50	23.65	23.49	23.42
	1/12	24.50	23.74	23.47	23.49		1/24	24.50	23.60	23.52	23.44
	1/24	24.50	23.53	23.34	23.36		1/49	24.50	23.57	23.49	23.37
	12/0	23.50	22.50	22.37	22.40		25/0	23.50	22.49	22.50	22.33
	12/6	23.50	22.59	22.46	22.40		25/12	23.50	22.64	22.48	22.45
	12/13	23.50	22.59	22.42	22.32		25/25	23.50	22.64	22.42	22.24
	25/0	23.50	22.62	22.44	22.38		50/0	23.50	22.58	22.49	22.26
16QAM	1/0	23.50	22.69	22.87	22.44	16QAM	1/0	23.50	22.54	22.80	22.46
	1/12	23.50	22.81	22.99	22.53		1/24	23.50	22.58	22.83	22.40
	1/24	23.50	22.72	22.87	22.43		1/49	23.50	22.44	22.81	22.33
	12/0	22.50	21.65	21.59	21.47		25/0	22.50	21.53	21.54	21.32
	12/6	22.50	21.70	21.61	21.48		25/12	22.50	21.67	21.53	21.47
	12/13	22.50	21.73	21.57	21.41		25/25	22.50	21.69	21.49	21.25
	25/0	22.50	21.65	21.52	21.31		50/0	22.50	21.61	21.53	21.32
64QAM	1/0	22.50	21.79	21.38	21.66	64QAM	1/0	22.50	22.00	21.66	21.67
	1/12	22.50	21.94	21.45	21.76		1/24	22.50	21.98	21.65	21.70
	1/24	22.50	21.82	21.39	21.65		1/49	22.50	21.91	21.61	21.60
	12/0	21.50	20.70	20.49	20.41		25/0	21.50	20.66	20.62	20.43
	12/6	21.50	20.79	20.55	20.44		25/12	21.50	20.78	20.60	20.55
	12/13	21.50	20.82	20.53	20.29		25/25	21.50	20.79	20.55	20.34
	25/0	21.50	20.72	20.47	20.35		50/0	21.50	20.72	20.60	20.35

LTE B26/BW=15M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26765/821.5	26865/831	26965/841.5
QPSK	1/0	24.50	23.61	23.46	23.40
	1/37	24.50	23.75	23.64	23.69
	1/74	24.50	23.40	23.43	23.34
	36/0	23.50	22.51	23.43	22.30
	36/19	23.50	22.58	22.53	22.38
	36/39	23.50	22.51	22.47	22.29
	75/0	23.50	22.51	22.56	22.31
16QAM	1/0	23.50	22.50	22.83	22.83
	1/37	23.50	22.55	22.85	22.91
	1/74	23.50	22.30	22.80	22.71
	36/0	22.50	21.50	21.43	21.32
	36/19	22.50	21.54	21.52	21.37
	36/39	22.50	21.54	21.53	21.25
	75/0	22.50	21.54	21.53	21.31
64QAM	1/0	22.50	21.95	21.63	22.02
	1/37	22.50	21.97	21.65	22.14
	1/74	22.50	21.78	21.58	21.97
	36/0	21.50	20.61	20.58	20.33
	36/19	21.50	20.67	20.57	20.42
	36/39	21.50	20.54	20.55	20.29
	75/0	21.50	20.57	20.58	20.40

Note: The tested channels are marks in bold.

13. Conducted power measurement results of LTE B38

Down Antenna Receiver on

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37775/2572.5	38000/2595	38225/2617.5				37800/2575	38000/2595	38200/2615
QPSK	1/0	24.00	22.46	22.44	22.63	QPSK	1/0	24.00	22.52	22.64	22.60
	1/12	24.00	22.57	22.56	22.67		1/24	24.00	22.50	22.65	22.62
	1/24	24.00	22.43	22.48	22.64		1/49	24.00	22.46	22.64	22.63
	12/0	23.00	21.47	21.49	21.55		25/0	23.00	21.45	21.53	21.64
	12/6	23.00	21.49	21.49	21.67		25/12	23.00	21.51	21.62	21.65
	12/13	23.00	21.47	21.53	21.61		25/25	23.00	21.44	21.57	21.63
	25/0	23.00	21.48	21.56	21.59		50/0	23.00	21.47	21.59	21.62
16QAM	1/0	23.00	21.54	21.36	21.49	16QAM	1/0	23.00	21.50	21.54	21.70
	1/12	23.00	21.62	21.50	21.60		1/24	23.00	21.48	21.57	21.76
	1/24	23.00	21.52	21.43	21.52		1/49	23.00	21.46	21.57	21.74
	12/0	22.00	20.50	20.50	20.51		25/0	22.00	20.46	20.51	20.59
	12/6	22.00	20.55	20.53	20.56		25/12	22.00	20.50	20.57	20.61
	12/13	22.00	20.53	20.56	20.54		25/25	22.00	20.46	20.55	20.60
	25/0	22.00	20.47	20.52	20.58		50/0	22.00	20.49	20.58	20.63
64QAM	1/0	22.00	20.19	20.85	20.67	64QAM	1/0	22.00	20.13	20.80	20.64
	1/12	22.00	20.29	20.97	20.79		1/24	22.00	20.13	20.83	20.68
	1/24	22.00	20.14	20.88	20.67		1/49	22.00	20.06	20.81	20.70
	12/0	21.00	19.45	19.55	19.46		25/0	21.00	19.49	19.46	19.51
	12/6	21.00	19.48	19.62	19.53		25/12	21.00	19.53	19.54	19.54
	12/13	21.00	19.47	19.63	19.52		25/25	21.00	19.48	19.50	19.54
	25/0	21.00	19.49	19.46	19.49		50/0	21.00	19.48	19.53	19.58



LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37825/2577.5	38000/2595	38175/2612.5				37850/2580	38000/2595	38150/2610
QPSK	1/0	24.00	22.49	22.60	22.63	QPSK	1/0	24.00	22.50	22.46	22.59
	1/37	24.00	22.57	22.72	22.70		1/50	24.00	22.58	22.69	22.74
	1/74	24.00	22.43	22.63	22.64		1/99	24.00	22.49	22.53	22.59
	36/0	23.00	21.48	21.58	21.62		50/0	23.00	21.44	21.49	21.51
	36/19	23.00	21.54	21.61	21.69		50/25	23.00	21.51	21.62	21.65
	36/39	23.00	21.48	21.60	21.63		50/50	23.00	21.45	21.55	21.59
	75/0	23.00	21.51	21.61	21.65		100/0	23.00	21.42	21.53	21.54
16QAM	1/0	23.00	21.49	21.46	21.61	16QAM	1/0	23.00	21.42	21.27	21.36
	1/37	23.00	21.55	21.60	21.75		1/50	23.00	21.56	21.50	21.56
	1/74	23.00	21.41	21.55	21.62		1/99	23.00	21.42	21.35	21.39
	36/0	22.00	20.44	20.49	20.59		50/0	22.00	20.43	20.49	20.54
	36/19	22.00	20.49	20.56	20.70		50/25	22.00	20.50	20.62	20.67
	36/39	22.00	20.44	20.51	20.60		50/50	22.00	20.46	20.59	20.58
	75/0	22.00	20.49	20.59	20.64		100/0	22.00	20.45	20.53	20.58
64QAM	1/0	22.00	20.11	20.73	20.43	64QAM	1/0	22.00	20.51	20.77	20.41
	1/37	22.00	20.20	20.86	20.55		1/50	22.00	20.65	21.00	20.59
	1/74	22.00	20.03	20.78	20.46		1/99	22.00	20.53	20.84	20.42
	36/0	21.00	19.48	19.55	19.53		50/0	21.00	19.50	19.50	19.53
	36/19	21.00	19.55	19.57	19.61		50/25	21.00	19.59	19.64	19.68
	36/39	21.00	19.48	19.56	19.53		50/50	21.00	19.53	19.57	19.58
	75/0	21.00	19.46	19.57	19.63		100/0	21.00	19.51	19.50	19.55

Down Antenna Receiver off

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37775/2572.5	38000/2595	38225/2617.5				37800/2575	38000/2595	38200/2615
QPSK	1/0	24.00	22.51	22.46	22.51	QPSK	1/0	24.00	22.53	22.63	22.59
	1/12	24.00	22.65	22.59	22.62		1/24	24.00	22.48	22.63	22.66
	1/24	24.00	22.48	22.50	22.51		1/49	24.00	22.47	22.64	22.66
	12/0	23.00	21.46	21.50	21.52		25/0	23.00	21.46	21.55	21.62
	12/6	23.00	21.48	21.50	21.59		25/12	23.00	21.48	21.60	21.64
	12/13	23.00	21.47	21.54	21.59		25/25	23.00	21.48	21.57	21.63
	25/0	23.00	21.48	21.54	21.63		50/0	23.00	21.47	21.55	21.63
16QAM	1/0	23.00	21.52	21.36	21.50	16QAM	1/0	23.00	21.49	21.54	21.70
	1/12	23.00	21.62	21.49	21.63		1/24	23.00	21.49	21.58	21.73
	1/24	23.00	21.49	21.42	21.51		1/49	23.00	21.43	21.51	21.74
	12/0	22.00	20.49	20.50	20.50		25/0	22.00	20.44	20.51	20.59
	12/6	22.00	20.54	20.50	20.55		25/12	22.00	20.49	20.56	20.60
	12/13	22.00	20.51	20.54	20.56		25/25	22.00	20.47	20.53	20.59
	25/0	22.00	20.45	20.51	20.60		50/0	22.00	20.49	20.57	20.64
64QAM	1/0	22.00	20.61	20.18	20.89	64QAM	1/0	22.00	20.12	20.79	20.63
	1/12	22.00	20.70	20.31	21.01		1/24	22.00	20.12	20.81	20.70
	1/24	22.00	20.56	20.19	20.92		1/49	22.00	20.06	20.79	20.68
	12/0	21.00	19.37	19.46	19.62		25/0	21.00	19.46	19.48	19.49
	12/6	21.00	19.42	19.50	19.69		25/12	21.00	19.51	19.52	19.54
	12/13	21.00	19.40	19.52	19.67		25/25	21.00	19.46	19.49	19.53
	25/0	21.00	19.36	19.54	19.54		50/0	21.00	19.47	19.50	19.56



LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37825/2577.5	38000/2595	38175/2612.5				37850/2580	38000/2595	38150/2610
QPSK	1/0	24.00	22.51	22.58	22.62	QPSK	1/0	24.00	22.45	22.47	22.55
	1/37	24.00	22.60	22.73	22.74		1/50	24.00	22.60	22.77	22.71
	1/74	24.00	22.46	22.63	22.63		1/99	24.00	22.46	22.53	22.57
	36/0	23.00	21.47	21.55	21.61		50/0	23.00	21.43	21.49	21.48
	36/19	23.00	21.52	21.62	21.70		50/25	23.00	21.51	21.60	21.64
	36/39	23.00	21.46	21.59	21.62		50/50	23.00	21.45	21.54	21.56
	75/0	23.00	21.48	21.61	21.63		100/0	23.00	21.41	21.49	21.54
16QAM	1/0	23.00	21.47	21.45	21.58	16QAM	1/0	23.00	21.39	21.28	21.58
	1/37	23.00	21.53	21.57	21.72		1/50	23.00	21.53	21.49	21.78
	1/74	23.00	21.39	21.51	21.61		1/99	23.00	21.41	21.34	21.63
	36/0	22.00	20.43	20.49	20.56		50/0	22.00	20.42	20.49	20.54
	36/19	22.00	20.48	20.53	20.63		50/25	22.00	20.51	20.62	20.68
	36/39	22.00	20.43	20.53	20.58		50/50	22.00	20.46	20.55	20.61
	75/0	22.00	20.48	20.56	20.61		100/0	22.00	20.44	20.54	20.54
64QAM	1/0	22.00	20.11	20.74	20.42	64QAM	1/0	22.00	20.81	20.31	20.41
	1/37	22.00	20.19	20.88	20.53		1/50	22.00	20.95	20.55	20.62
	1/74	22.00	20.02	20.79	20.40		1/99	22.00	20.80	20.40	20.43
	36/0	21.00	19.50	19.56	19.49		50/0	21.00	19.46	19.49	19.55
	36/19	21.00	19.52	19.62	19.56		50/25	21.00	19.55	19.63	19.67
	36/39	21.00	19.48	19.58	19.52		50/50	21.00	19.48	19.58	19.60
	75/0	21.00	19.46	19.58	19.58		100/0	21.00	19.42	19.48	19.55

Up Antenna Receiver on

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37775/ 2572.5	38000/ 2595	38225/ 2617.5				37800/ 2575	38000/ 2595	38200/ 2615
QPSK	1/0	20.00	18.45	18.36	18.33	QPSK	1/0	20.00	18.49	18.55	18.35
	1/12	20.00	18.54	18.47	18.44		1/24	20.00	18.47	18.59	18.43
	1/24	20.00	18.39	18.33	18.32		1/49	20.00	18.45	18.51	18.39
	12/0	20.00	18.45	18.41	18.37		25/0	20.00	18.51	18.46	18.36
	12/6	20.00	18.50	18.47	18.45		25/12	20.00	18.53	18.47	18.46
	12/13	20.00	18.46	18.44	18.43		25/25	20.00	18.47	18.41	18.43
	25/0	20.00	18.49	18.42	18.45		50/0	20.00	18.50	18.43	18.40
16QAM	1/0	20.00	18.86	18.61	18.67	16QAM	1/0	20.00	18.85	18.91	18.81
	1/12	20.00	18.82	18.76	18.81		1/24	20.00	18.85	18.79	18.90
	1/24	20.00	18.82	18.60	18.66		1/49	20.00	18.81	18.88	18.85
	12/0	20.00	18.58	18.47	18.39		25/0	20.00	18.52	18.43	18.39
	12/6	20.00	18.64	18.53	18.48		25/12	20.00	18.55	18.47	18.48
	12/13	20.00	18.59	18.50	18.44		25/25	20.00	18.48	18.40	18.47
	25/0	20.00	18.49	18.42	18.46		50/0	20.00	18.51	18.47	18.48
64QAM	1/0	20.00	18.77	18.48	18.56	64QAM	1/0	20.00	18.43	18.58	18.68
	1/12	20.00	18.90	18.61	18.68		1/24	20.00	18.44	18.56	18.76
	1/24	20.00	18.73	18.46	18.78		1/49	20.00	18.39	18.55	18.47
	12/0	20.00	18.46	18.44	18.54		25/0	20.00	18.55	18.42	18.36
	12/6	20.00	18.53	18.49	18.62		25/12	20.00	18.59	18.45	18.43
	12/13	20.00	18.47	18.46	18.60		25/25	20.00	18.54	18.41	18.41
	25/0	20.00	18.40	18.47	18.43		50/0	20.00	18.54	18.45	18.46



LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37825/2577.5	38000/2595	38175/2612.5				37850/2580	38000/2595	38150/2610
QPSK	1/0	20.00	18.47	18.48	18.64	QPSK	1/0	20.00	18.45	18.70	18.75
	1/37	20.00	18.48	18.60	18.75		1/50	20.00	18.78	18.86	18.95
	1/74	20.00	18.62	18.65	18.76		1/99	20.00	18.88	18.68	18.87
	36/0	20.00	18.46	18.46	18.29		50/0	20.00	18.46	18.40	18.32
	36/19	20.00	18.48	18.45	18.36		50/25	20.00	18.51	18.47	18.52
	36/39	20.00	18.43	18.40	18.37		50/50	20.00	18.40	18.36	18.39
	75/0	20.00	18.44	18.41	18.36		100/0	20.00	18.43	18.40	18.46
16QAM	1/0	20.00	18.79	18.88	18.67	16QAM	1/0	20.00	18.77	18.58	18.72
	1/37	20.00	18.83	18.69	18.80		1/50	20.00	18.90	18.74	18.88
	1/74	20.00	18.69	18.86	18.71		1/99	20.00	18.71	18.52	18.77
	36/0	20.00	18.46	18.40	18.33		50/0	20.00	18.46	18.43	18.41
	36/19	20.00	18.48	18.41	18.42		50/25	20.00	18.51	18.53	18.50
	36/39	20.00	18.40	18.36	18.40		50/50	20.00	18.41	18.42	18.47
	75/0	20.00	18.47	18.43	18.39		100/0	20.00	18.44	18.44	18.35
64QAM	1/0	20.00	18.38	18.93	18.51	64QAM	1/0	20.00	18.45	18.50	18.42
	1/37	20.00	18.41	18.46	18.62		1/50	20.00	18.77	18.68	18.59
	1/74	20.00	18.28	18.92	18.54		1/99	20.00	18.68	18.49	18.47
	36/0	20.00	18.52	18.51	18.30		50/0	20.00	18.53	18.46	18.36
	36/19	20.00	18.57	18.51	18.40		50/25	20.00	18.59	18.53	18.45
	36/39	20.00	18.49	18.43	18.38		50/50	20.00	18.47	18.43	18.42
	75/0	20.00	18.49	18.47	18.44		100/0	20.00	18.46	18.43	18.36

Up Antenna Receiver off

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37775/2572.5	38000/2595	38225/2617.5				37800/2575	38000/2595	38200/2615
QPSK	1/0	24.00	22.57	22.56	22.81	QPSK	1/0	24.00	22.62	22.74	22.79
	1/12	24.00	22.65	22.68	22.86		1/24	24.00	22.61	22.80	22.84
	1/24	24.00	22.54	22.61	22.86		1/49	24.00	22.60	22.78	22.85
	12/0	23.00	21.56	21.62	21.72		25/0	23.00	21.55	21.67	21.80
	12/6	23.00	21.58	21.65	21.78		25/12	23.00	21.60	21.74	21.81
	12/13	23.00	21.60	21.68	21.75		25/25	23.00	21.56	21.71	21.81
	25/0	23.00	21.58	21.68	21.79		50/0	23.00	21.56	21.69	21.77
16QAM	1/0	23.00	21.63	21.54	21.67	16QAM	1/0	23.00	21.60	21.67	21.88
	1/12	23.00	21.71	21.66	21.78		1/24	23.00	21.60	21.69	21.93
	1/24	23.00	21.62	21.60	21.70		1/49	23.00	21.55	21.69	21.94
	12/0	22.00	20.59	20.63	20.66		25/0	22.00	20.55	20.66	20.77
	12/6	22.00	20.66	20.67	20.72		25/12	22.00	20.61	20.70	20.78
	12/13	22.00	20.63	20.70	20.71		25/25	22.00	20.57	20.69	20.78
	25/0	22.00	20.57	20.66	20.78		50/0	22.00	20.60	20.70	20.81
64QAM	1/0	22.00	20.27	20.94	20.82	64QAM	1/0	22.00	20.23	20.91	20.81
	1/12	22.00	20.39	21.09	20.94		1/24	22.00	20.23	20.94	20.86
	1/24	22.00	20.25	21.01	20.86		1/49	22.00	20.18	20.95	20.84
	12/0	21.00	19.55	19.70	19.64		25/0	21.00	19.59	19.60	19.67
	12/6	21.00	19.57	19.74	19.70		25/12	21.00	19.61	19.67	19.71
	12/13	21.00	19.57	19.76	19.68		25/25	21.00	19.59	19.67	19.71
	25/0	21.00	19.61	19.60	19.65		50/0	21.00	19.59	19.66	19.76

LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37825/2577.5	38000/2595	38175/2612.5				37850/2580	38000/2595	38150/2610
QPSK	1/0	24.00	22.58	22.69	22.78	QPSK	1/0	24.00	22.59	22.58	22.69
	1/37	24.00	22.67	22.83	22.81		1/50	24.00	22.71	22.85	22.88
	1/74	24.00	22.55	22.78	22.82		1/99	24.00	22.61	22.70	22.75
	36/0	23.00	21.58	21.70	21.77		50/0	23.00	21.54	21.59	21.63
	36/19	23.00	21.64	21.75	21.85		50/25	23.00	21.64	21.72	21.79
	36/39	23.00	21.60	21.73	21.83		50/50	23.00	21.59	21.71	21.71
	75/0	23.00	21.60	21.73	21.83		100/0	23.00	21.55	21.62	21.70
16QAM	1/0	23.00	21.59	21.59	21.73	16QAM	1/0	23.00	21.52	21.39	21.73
	1/37	23.00	21.65	21.75	21.90		1/50	23.00	21.65	21.65	21.95
	1/74	23.00	21.54	21.66	21.77		1/99	23.00	21.55	21.52	21.79
	36/0	22.00	20.53	20.61	20.72		50/0	22.00	20.53	20.60	20.70
	36/19	22.00	20.60	20.65	20.78		50/25	22.00	20.63	20.74	20.84
	36/39	22.00	20.54	20.65	20.76		50/50	22.00	20.58	20.73	20.81
	75/0	22.00	20.58	20.68	20.77		100/0	22.00	20.56	20.65	20.70
64QAM	1/0	22.00	20.20	20.85	20.55	64QAM	1/0	22.00	20.60	20.89	20.53
	1/37	22.00	20.28	20.97	20.70		1/50	22.00	20.77	21.12	20.75
	1/74	22.00	20.15	20.91	20.58		1/99	22.00	20.67	20.98	20.60
	36/0	21.00	19.60	19.67	19.64		50/0	21.00	19.59	19.62	19.68
	36/19	21.00	19.65	19.72	19.76		50/25	21.00	19.71	19.76	19.81
	36/39	21.00	19.62	19.70	19.70		50/50	21.00	19.65	19.73	19.76
	75/0	21.00	19.56	19.70	19.77		100/0	21.00	19.62	19.63	19.71

Note: The tested channels are marks in bold.

14. Conducted power measurement results of LTE B41

Down Antenna Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39675/2498.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5
QPSK	1/0	24.00	22.61	22.51	22.49	22.48	22.43
	1/12	24.00	22.73	22.66	22.62	22.60	22.59
	1/24	24.00	22.63	22.56	22.56	22.52	22.50
	12/0	22.50	20.56	20.53	20.55	20.52	20.58
	12/6	22.50	20.60	20.52	20.54	20.55	20.58
	12/13	22.50	20.61	20.51	20.62	20.59	20.52
	25/0	22.50	20.61	20.53	20.54	20.61	20.59
16QAM	1/0	23.00	21.59	21.54	21.35	21.48	21.56
	1/12	23.00	21.71	21.63	21.49	21.58	21.72
	1/24	23.00	21.61	21.57	21.42	21.50	21.59
	12/0	22.00	20.12	20.07	20.05	20.11	20.18
	12/6	22.00	20.18	20.11	20.01	20.03	20.19
	12/13	22.00	20.16	20.08	20.11	20.06	20.14
	25/0	22.00	20.09	20.04	20.05	20.12	20.10
64QAM	1/0	22.00	20.71	20.16	20.86	20.70	20.92
	1/12	22.00	20.82	20.28	20.97	20.78	21.06
	1/24	22.00	20.67	20.17	20.90	20.70	20.97
	12/0	21.00	19.53	19.48	19.60	19.52	19.74
	12/6	21.00	19.57	19.52	19.64	19.53	19.75
	12/13	21.00	19.56	19.50	19.63	19.55	19.71
	25/0	21.00	19.51	19.55	19.51	19.53	19.58

LTE B41/BW=10M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39700/2501	40160/2547	40620/2593	41080/2639	41540/2685
QPSK	1/0	24.00	22.67	22.55	22.57	22.61	22.62
	1/24	24.00	22.64	22.55	22.60	22.61	22.60
	1/49	24.00	22.60	22.58	22.60	22.62	22.64
	25/0	22.50	20.57	20.56	20.54	20.59	20.63
	25/12	22.50	20.61	20.57	20.64	20.62	20.63
	25/25	22.50	20.62	20.54	20.62	20.63	20.53
	50/0	22.50	20.59	20.56	20.57	20.62	20.59
16QAM	1/0	23.00	21.73	21.50	21.49	21.70	21.61
	1/24	23.00	21.76	21.49	21.57	21.70	21.56
	1/49	23.00	21.70	21.53	21.53	21.71	21.56
	25/0	22.00	20.11	20.03	20.07	20.08	20.12
	25/12	22.00	20.14	20.08	20.07	20.12	20.15
	25/25	22.00	20.13	20.05	20.04	20.12	20.04
	50/0	22.00	20.17	20.08	20.07	20.18	20.16
64QAM	1/0	22.00	20.21	20.12	20.81	20.70	20.66
	1/24	22.00	20.27	20.14	20.84	20.69	20.70
	1/49	22.00	20.19	20.13	20.84	20.69	20.67
	25/0	21.00	19.60	19.56	19.48	19.54	19.59
	25/12	21.00	19.64	19.59	19.59	19.57	19.59
	25/25	21.00	19.64	19.57	19.55	19.59	19.50
	50/0	21.00	19.60	19.57	19.55	19.64	19.66

LTE B41/BW=15M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39725/ 2503.5	40173/ 2548.3	40620/ 2593	41068/ 2637.8	41515/ 2682.5
QPSK	1/0	24.00	22.62	22.60	22.57	22.58	22.58
	1/37	24.00	22.65	22.69	22.67	22.65	22.70
	1/74	24.00	22.49	22.57	22.57	22.54	22.59
	36/0	22.50	20.53	20.51	20.58	20.57	20.59
	36/19	22.50	20.60	20.57	20.57	20.60	20.62
	36/39	22.50	20.58	20.53	20.55	20.60	20.61
	75/0	22.50	20.57	20.51	20.53	20.61	20.55
16QAM	1/0	23.00	21.48	21.48	21.48	21.60	21.54
	1/37	23.00	21.54	21.56	21.59	21.71	21.69
	1/74	23.00	21.42	21.44	21.52	21.57	21.56
	36/0	22.00	20.12	20.17	20.07	20.06	20.10
	36/19	22.00	20.08	20.03	20.02	20.10	20.10
	36/39	22.00	20.04	20.00	20.00	20.07	20.04
	75/0	22.00	20.08	20.04	20.01	20.11	20.09
64QAM	1/0	22.00	20.16	20.08	20.78	20.45	20.83
	1/37	22.00	20.23	20.19	20.87	20.52	20.93
	1/74	22.00	20.11	20.05	20.76	20.39	20.80
	36/0	21.00	19.58	19.57	19.53	19.52	19.66
	36/19	21.00	19.66	19.58	19.61	19.59	19.66
	36/39	21.00	19.62	19.58	19.59	19.55	19.56
	75/0	21.00	19.57	19.52	19.56	19.63	19.62

LTE B41/BW=20M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39750/2506	40185/2549.5	40620/2593	41055/2636.5	41490/2680
QPSK	1/0	24.00	22.57	22.44	22.45	22.61	22.50
	1/50	24.00	22.77	22.65	22.72	22.74	22.71
	1/99	24.00	22.51	22.46	22.54	22.56	22.52
	50/0	22.50	20.56	20.52	20.61	20.57	20.59
	50/25	22.50	20.65	20.59	20.61	20.65	20.63
	50/50	22.50	20.60	20.52	20.54	20.60	20.57
	100/0	22.50	20.55	20.51	20.53	20.61	20.52
16QAM	1/0	23.00	21.44	21.38	21.25	21.62	21.57
	1/50	23.00	21.58	21.58	21.49	21.77	21.76
	1/99	23.00	21.39	21.40	21.33	21.58	21.60
	50/0	22.00	20.06	20.08	20.01	20.11	20.18
	50/25	22.00	20.09	20.10	20.12	20.19	20.24
	50/50	22.00	20.10	20.00	20.07	20.17	20.07
	100/0	22.00	20.05	20.01	20.04	20.11	20.08
64QAM	1/0	22.00	20.87	20.78	20.34	20.60	20.55
	1/50	22.00	21.03	21.01	20.56	20.73	20.74
	1/99	22.00	20.83	20.81	20.40	20.55	20.54
	50/0	21.00	19.55	19.55	19.54	19.64	19.71
	50/25	21.00	19.68	19.63	19.66	19.71	19.74
	50/50	21.00	19.68	19.55	19.61	19.69	19.59
	100/0	21.00	19.57	19.52	19.56	19.68	19.64

Down Antenna Receiver off

LTE B41/BW=5M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39675/2498.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5
QPSK	1/0	24.00	22.54	22.43	22.39	22.54	22.50
	1/12	24.00	22.65	22.55	22.51	22.64	22.64
	1/24	24.00	22.54	22.48	22.41	22.56	22.53
	12/0	22.50	20.61	20.55	20.55	20.59	20.56
	12/6	22.50	20.57	20.59	20.58	20.51	20.53
	12/13	22.50	20.56	20.58	20.56	20.55	20.50
	25/0	22.50	20.57	20.60	20.51	20.57	20.54
16QAM	1/0	23.00	21.47	21.36	21.39	21.51	21.35
	1/12	23.00	21.60	21.45	21.49	21.65	21.56
	1/24	23.00	21.49	21.43	21.40	21.58	21.42
	12/0	22.00	20.08	20.06	20.00	20.15	20.15
	12/6	22.00	20.14	20.09	20.02	20.17	20.15
	12/13	22.00	20.15	20.08	20.03	20.20	20.12
	25/0	22.00	20.08	20.05	20.01	20.09	20.05
64QAM	1/0	22.00	20.23	20.14	20.83	20.63	20.66
	1/12	22.00	20.36	20.26	20.95	20.74	20.79
	1/24	22.00	20.24	20.16	20.89	20.64	20.66
	12/0	21.00	19.54	19.45	19.55	19.47	19.54
	12/6	21.00	19.59	19.49	19.61	19.48	19.54
	12/13	21.00	19.58	19.47	19.57	19.49	19.48
	25/0	21.00	19.62	19.52	19.47	19.48	19.49

LTE B41/BW=10M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39700/2501	40160/2547	40620/2593	41080/2639	41540/2685
QPSK	1/0	24.00	22.63	22.52	22.59	22.58	22.56
	1/24	24.00	22.61	22.48	22.62	22.59	22.57
	1/49	24.00	22.58	22.53	22.64	22.57	22.60
	25/0	22.50	20.54	20.60	20.59	20.55	20.60
	25/12	22.50	20.57	20.53	20.57	20.58	20.60
	25/25	22.50	20.58	20.50	20.56	20.60	20.60
	50/0	22.50	20.55	20.59	20.52	20.58	20.55
16QAM	1/0	23.00	21.52	21.47	21.49	21.68	21.66
	1/24	23.00	21.53	21.48	21.52	21.68	21.67
	1/49	23.00	21.50	21.51	21.53	21.69	21.69
	25/0	22.00	20.03	20.02	20.05	20.04	20.11
	25/12	22.00	20.05	20.04	20.05	20.08	20.10
	25/25	22.00	20.05	20.00	20.02	20.08	20.01
	50/0	22.00	20.07	20.04	20.03	20.15	20.13
64QAM	1/0	22.00	20.17	20.10	20.79	20.63	20.65
	1/24	22.00	20.19	20.09	20.85	20.64	20.65
	1/49	22.00	20.16	20.11	20.82	20.64	20.64
	25/0	21.00	19.58	19.53	19.46	19.48	19.56
	25/12	21.00	19.60	19.57	19.54	19.52	19.56
	25/25	21.00	19.61	19.53	19.50	19.53	19.46
	50/0	21.00	19.56	19.51	19.50	19.60	19.61

LTE B41/BW=15M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39725/ 2503.5	40173/ 2548.3	40620/ 2593	41068/ 2637.8	41515/ 2682.5
QPSK	1/0	24.00	22.56	22.47	22.57	22.60	22.54
	1/37	24.00	22.60	22.57	22.64	22.65	22.63
	1/74	24.00	22.48	22.44	22.55	22.54	22.56
	36/0	22.50	20.51	20.60	20.56	20.51	20.55
	36/19	22.50	20.58	20.52	20.51	20.58	20.58
	36/39	22.50	20.55	20.50	20.50	20.54	20.58
	75/0	22.50	20.53	20.59	20.51	20.56	20.55
16QAM	1/0	23.00	21.45	21.45	21.45	21.57	21.54
	1/37	23.00	21.51	21.56	21.54	21.63	21.64
	1/74	23.00	21.38	21.40	21.43	21.51	21.53
	36/0	22.00	20.07	20.05	20.08	20.10	20.15
	36/19	22.00	20.12	20.08	20.04	20.15	20.16
	36/39	22.00	20.07	20.06	20.02	20.13	20.08
	75/0	22.00	20.03	20.09	20.07	20.06	20.04
64QAM	1/0	22.00	20.13	20.04	20.75	20.41	20.38
	1/37	22.00	20.20	20.17	20.84	20.48	20.47
	1/74	22.00	20.06	20.02	20.73	20.35	20.38
	36/0	21.00	19.54	19.51	19.49	19.47	19.52
	36/19	21.00	19.61	19.55	19.57	19.51	19.54
	36/39	21.00	19.59	19.54	19.54	19.50	19.47
	75/0	21.00	19.53	19.48	19.52	19.58	19.57

LTE B41/BW=20M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39750/2506	40185/2549.5	40620/2593	41055/2636.5	41490/2680
QPSK	1/0	24.00	22.53	22.38	22.41	22.57	22.46
	1/50	24.00	22.68	22.60	22.59	22.66	22.65
	1/99	24.00	22.46	22.43	22.48	22.52	22.52
	50/0	22.50	20.55	20.58	20.55	20.53	20.54
	50/25	22.50	20.63	20.53	20.54	20.61	20.57
	50/50	22.50	20.55	20.57	20.59	20.57	20.53
	100/0	22.50	20.52	20.57	20.57	20.57	20.58
16QAM	1/0	23.00	21.42	21.32	21.25	21.59	21.55
	1/50	23.00	21.55	21.54	21.45	21.73	21.74
	1/99	23.00	21.38	21.35	21.32	21.55	21.58
	50/0	22.00	20.03	20.03	20.07	20.07	20.16
	50/25	22.00	20.06	20.03	20.08	20.16	20.20
	50/50	22.00	20.06	20.05	20.03	20.13	20.05
	100/0	22.00	20.09	20.04	20.01	20.06	20.06
64QAM	1/0	22.00	20.83	20.77	20.29	20.55	20.53
	1/50	22.00	20.99	21.01	20.52	20.69	20.71
	1/99	22.00	20.80	20.79	20.37	20.51	20.52
	50/0	21.00	19.51	19.53	19.50	19.59	19.67
	50/25	21.00	19.64	19.61	19.62	19.68	19.72
	50/50	21.00	19.64	19.54	19.57	19.66	19.54
	100/0	21.00	19.56	19.49	19.53	19.66	19.61

Up Antenna Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39675/2498.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5
QPSK	1/0	20.00	18.67	18.42	18.27	18.34	18.14
	1/12	20.00	18.79	18.57	18.36	18.45	18.26
	1/24	20.00	18.67	18.45	18.24	18.33	18.14
	12/0	20.00	18.65	18.47	18.34	18.30	18.27
	12/6	20.00	18.71	18.56	18.37	18.35	18.28
	12/13	20.00	18.68	18.53	18.37	18.31	18.24
	25/0	20.00	18.69	18.51	18.38	18.36	18.28
16QAM	1/0	20.00	18.73	18.37	18.32	18.43	18.27
	1/12	20.00	18.75	18.52	18.46	18.55	18.40
	1/24	20.00	18.76	18.41	18.29	18.43	18.26
	12/0	20.00	18.73	18.51	18.35	18.44	18.34
	12/6	20.00	18.80	18.60	18.39	18.49	18.35
	12/13	20.00	18.79	18.58	18.37	18.46	18.28
	25/0	20.00	18.70	18.50	18.43	18.41	18.38
64QAM	1/0	20.00	18.82	18.22	18.80	18.50	18.72
	1/12	20.00	18.93	18.37	18.92	18.61	18.83
	1/24	20.00	18.81	18.23	18.80	18.46	18.71
	12/0	20.00	18.62	18.53	18.53	18.29	18.45
	12/6	20.00	18.68	18.60	18.56	18.34	18.47
	12/13	20.00	18.67	18.58	18.55	18.32	18.41
	25/0	20.00	18.60	18.59	18.40	18.29	18.31

LTE B41/BW=10M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39700/2501	40160/2547	40620/2593	41080/2639	41540/2685
QPSK	1/0	20.00	18.67	18.51	18.45	18.30	18.23
	1/24	20.00	18.71	18.55	18.51	18.33	18.28
	1/49	20.00	18.65	18.50	18.48	18.29	18.23
	25/0	20.00	18.71	18.53	18.37	18.38	18.39
	25/12	20.00	18.72	18.60	18.41	18.42	18.36
	25/25	20.00	18.72	18.55	18.41	18.40	18.26
	50/0	20.00	18.68	18.54	18.38	18.38	18.33
16QAM	1/0	20.00	18.70	18.57	18.43	18.59	18.49
	1/24	20.00	18.72	18.59	18.47	18.62	18.56
	1/49	20.00	18.67	18.55	18.43	18.56	18.52
	25/0	20.00	18.70	18.56	18.43	18.44	18.46
	25/12	20.00	18.72	18.60	18.48	18.46	18.41
	25/25	20.00	18.70	18.57	18.47	18.45	18.31
	50/0	20.00	18.73	18.60	18.51	18.50	18.44
64QAM	1/0	20.00	18.33	18.18	18.75	18.53	18.44
	1/24	20.00	18.36	18.21	18.79	18.56	18.51
	1/49	20.00	18.29	18.17	18.76	18.50	18.48
	25/0	20.00	18.74	18.62	18.43	18.36	18.38
	25/12	20.00	18.77	18.67	18.48	18.40	18.34
	25/25	20.00	18.76	18.64	18.47	18.37	18.24
	50/0	20.00	18.74	18.59	18.47	18.44	18.39

LTE B41/BW=15M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39725/ 2503.5	40173/ 2548.3	40620/ 2593	41068/ 2637.8	41515/ 2682.5
QPSK	1/0	20.00	18.59	18.47	18.45	18.35	18.28
	1/37	20.00	18.67	18.56	18.55	18.44	18.37
	1/74	20.00	18.57	18.46	18.43	18.31	18.26
	36/0	20.00	18.60	18.48	18.36	18.31	18.28
	36/19	20.00	18.68	18.55	18.39	18.39	18.32
	36/39	20.00	18.66	18.49	18.36	18.32	18.20
	75/0	20.00	18.64	18.46	18.35	18.32	18.28
16QAM	1/0	20.00	18.65	18.52	18.41	18.47	18.35
	1/37	20.00	18.70	18.60	18.49	18.56	18.44
	1/74	20.00	18.60	18.53	18.42	18.42	18.35
	36/0	20.00	18.59	18.48	18.36	18.37	18.31
	36/19	20.00	18.67	18.56	18.40	18.45	18.34
	36/39	20.00	18.64	18.50	18.38	18.39	18.23
	75/0	20.00	18.68	18.52	18.42	18.41	18.32
64QAM	1/0	20.00	18.27	18.13	18.71	18.27	18.16
	1/37	20.00	18.33	18.23	18.81	18.38	18.25
	1/74	20.00	18.20	18.13	18.69	18.24	18.15
	36/0	20.00	18.68	18.57	18.45	18.33	18.25
	36/19	20.00	18.76	18.63	18.53	18.39	18.28
	36/39	20.00	18.73	18.59	18.48	18.34	18.18
	75/0	20.00	18.68	18.52	18.45	18.42	18.31

LTE B41/BW=20M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39750/2506	40185/2549.5	40620/2593	41055/2636.5	41490/2680
QPSK	1/0	20.00	18.64	18.46	18.34	18.35	18.28
	1/50	20.00	18.82	18.64	18.51	18.48	18.39
	1/99	20.00	18.59	18.49	18.32	18.36	18.25
	50/0	20.00	18.60	18.46	18.39	18.32	18.32
	50/25	20.00	18.72	18.59	18.47	18.46	18.38
	50/50	20.00	18.71	18.49	18.39	18.38	18.15
	100/0	20.00	18.66	18.48	18.39	18.39	18.27
16QAM	1/0	20.00	18.59	18.46	18.26	18.45	18.37
	1/50	20.00	18.70	18.60	18.42	18.59	18.54
	1/99	20.00	18.55	18.45	18.23	18.45	18.37
	50/0	20.00	18.61	18.53	18.45	18.43	18.44
	50/25	20.00	18.73	18.63	18.52	18.56	18.49
	50/50	20.00	18.70	18.54	18.46	18.49	18.28
	100/0	20.00	18.67	18.55	18.45	18.44	18.33
64QAM	1/0	20.00	19.02	18.91	18.32	18.40	18.28
	1/50	20.00	19.16	19.07	18.49	18.57	18.45
	1/99	20.00	18.98	18.91	18.28	18.40	18.26
	50/0	20.00	18.65	18.58	18.47	18.43	18.39
	50/25	20.00	18.78	18.69	18.55	18.56	18.45
	50/50	20.00	18.76	18.62	18.48	18.49	18.25
	100/0	20.00	18.69	18.58	18.49	18.50	18.35

Up Antenna Receiver off

LTE B41/BW=5M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39675/2498.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5
QPSK	1/0	24.00	22.77	22.69	22.66	22.68	22.74
	1/12	24.00	22.86	22.82	22.76	22.78	22.89
	1/24	24.00	22.79	22.74	22.68	22.71	22.82
	12/0	22.50	20.74	20.69	20.67	20.71	20.84
	12/6	22.50	20.80	20.71	20.71	20.73	20.83
	12/13	22.50	20.79	20.70	20.68	20.77	20.76
	25/0	22.50	20.78	20.72	20.72	20.81	20.81
16QAM	1/0	23.00	21.78	21.61	21.59	21.76	21.69
	1/12	23.00	21.89	21.68	21.69	21.87	21.84
	1/24	23.00	21.81	21.65	21.63	21.81	21.70
	12/0	22.00	20.32	20.20	20.12	20.28	20.28
	12/6	22.00	20.37	20.23	20.15	20.34	20.30
	12/13	22.00	20.37	20.23	20.13	20.34	20.25
	25/0	22.00	20.28	20.21	20.22	20.29	20.34
64QAM	1/0	22.00	20.45	20.37	21.05	20.88	20.91
	1/12	22.00	20.57	20.48	21.15	20.98	21.05
	1/24	22.00	20.46	20.39	21.09	20.87	20.91
	12/0	21.00	19.76	19.68	19.79	19.68	19.79
	12/6	21.00	19.83	19.73	19.82	19.71	19.79
	12/13	21.00	19.79	19.70	19.81	19.74	19.76
	25/0	21.00	19.83	19.74	19.70	19.71	19.75

LTE B41/BW=10M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39700/2501	40160/2547	40620/2593	41080/2639	41540/2685
QPSK	1/0	24.00	22.85	22.77	22.80	22.79	22.85
	1/24	24.00	22.84	22.71	22.84	22.80	22.81
	1/49	24.00	22.81	22.75	22.84	22.82	22.86
	25/0	22.50	20.79	20.73	20.71	20.79	20.85
	25/12	22.50	20.81	20.75	20.79	20.81	20.87
	25/25	22.50	20.79	20.72	20.76	20.82	20.77
	50/0	22.50	20.79	20.73	20.73	20.82	20.82
16QAM	1/0	23.00	21.74	21.71	21.70	21.91	21.93
	1/24	23.00	21.77	21.72	21.70	21.77	21.94
	1/49	23.00	21.74	21.72	21.74	21.78	21.94
	25/0	22.00	20.26	20.23	20.16	20.30	20.35
	25/12	22.00	20.28	20.27	20.25	20.33	20.38
	25/25	22.00	20.30	20.24	20.23	20.34	20.27
	50/0	22.00	20.31	20.26	20.25	20.35	20.39
64QAM	1/0	22.00	20.38	20.32	21.00	20.87	20.90
	1/24	22.00	20.42	20.34	21.06	20.88	20.90
	1/49	22.00	20.37	20.33	21.03	20.88	20.91
	25/0	21.00	19.79	19.77	19.68	19.72	19.81
	25/12	21.00	19.83	19.80	19.76	19.75	19.81
	25/25	21.00	19.82	19.75	19.73	19.77	19.72
	50/0	21.00	19.78	19.75	19.73	19.83	19.87

LTE B41/BW=15M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39725/2503.5	40173/2548.3	40620/2593	41068/2637.8	41515/2682.5
QPSK	1/0	24.00	22.80	22.69	22.78	22.80	22.79
	1/37	24.00	22.83	22.82	22.85	22.87	22.90
	1/74	24.00	22.70	22.67	22.75	22.77	22.81
	36/0	22.50	20.74	20.70	20.67	20.75	20.80
	36/19	22.50	20.85	20.74	20.75	20.79	20.83
	36/39	22.50	20.78	20.72	20.73	20.79	20.75
	75/0	22.50	20.75	20.69	20.71	20.80	20.80
16QAM	1/0	23.00	21.70	21.68	21.68	21.80	21.77
	1/37	23.00	21.76	21.79	21.77	21.87	21.89
	1/74	23.00	21.62	21.66	21.66	21.76	21.80
	36/0	22.00	20.21	20.20	20.09	20.25	20.31
	36/19	22.00	20.29	20.25	20.18	20.31	20.33
	36/39	22.00	20.25	20.22	20.17	20.26	20.23
	75/0	22.00	20.27	20.24	20.19	20.30	20.31
64QAM	1/0	22.00	20.34	20.27	20.97	20.63	20.63
	1/37	22.00	20.40	20.40	21.06	20.72	20.73
	1/74	22.00	20.27	20.25	20.97	20.60	20.64
	36/0	21.00	19.75	19.76	19.71	19.70	19.80
	36/19	21.00	19.82	19.78	19.78	19.74	19.81
	36/39	21.00	19.80	19.78	19.76	19.73	19.73
	75/0	21.00	19.74	19.71	19.72	19.84	19.85

LTE B41/BW=20M		Average Conducted Power(dBm)					
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)				
			39750/2506	40185/2549.5	40620/2593	41055/2636.5	41490/2680
QPSK	1/0	24.00	22.74	22.64	22.65	22.80	22.72
	1/50	24.00	22.96	22.82	22.86	22.91	22.92
	1/99	24.00	22.69	22.64	22.69	22.76	22.75
	50/0	22.50	20.68	20.70	20.67	20.74	20.81
	50/25	22.50	20.88	20.76	20.79	20.83	20.84
	50/50	22.50	20.78	20.69	20.73	20.79	20.70
	100/0	22.50	20.74	20.67	20.70	20.79	20.75
16QAM	1/0	23.00	21.67	21.58	21.44	21.80	21.77
	1/50	23.00	21.81	21.80	21.66	21.97	21.97
	1/99	23.00	21.60	21.61	21.49	21.80	21.81
	50/0	22.00	20.17	20.21	20.18	20.30	20.38
	50/25	22.00	20.30	20.28	20.29	20.38	20.44
	50/50	22.00	20.29	20.23	20.26	20.36	20.29
	100/0	22.00	20.24	20.21	20.20	20.29	20.28
64QAM	1/0	22.00	20.75	21.00	20.53	20.77	20.62
	1/50	22.00	20.90	21.21	20.75	20.94	20.84
	1/99	22.00	20.71	21.00	20.60	20.76	20.65
	50/0	21.00	19.73	19.76	19.73	19.84	19.90
	50/25	21.00	19.90	19.83	19.83	19.92	19.94
	50/50	21.00	19.87	19.75	19.80	19.89	19.78
	100/0	21.00	19.83	19.73	19.74	19.89	19.83

Note: The tested channels are marks in bold.

15. Conducted power measurement results of LTE B66

Down Antenna Receiver on

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	24.00	22.51	22.44	22.57	QPSK	1/0	24.00	22.33	22.42	22.40
	1/2	24.00	22.54	22.55	22.59		1/7	24.00	22.44	22.56	22.53
	1/5	24.00	22.49	22.47	22.55		1/14	24.00	22.33	22.41	22.39
	3/0	24.00	22.54	22.58	22.59		8/0	23.00	21.61	21.60	21.63
	3/1	24.00	22.56	22.62	22.59		8/3	23.00	21.64	21.68	21.70
	3/3	24.00	22.55	22.62	22.59		8/7	23.00	21.55	21.56	21.61
	6/0	23.00	21.70	21.69	21.71		15/0	23.00	21.55	21.59	21.58
16QAM	1/0	23.00	21.91	21.56	21.62	16QAM	1/0	23.00	21.36	21.79	21.48
	1/2	23.00	21.94	21.62	21.69		1/7	23.00	21.47	21.95	21.60
	1/5	23.00	21.90	21.59	21.62		1/14	23.00	21.37	21.82	21.43
	3/0	23.00	21.81	21.81	21.64		8/0	22.00	20.74	20.77	20.74
	3/1	23.00	21.81	21.83	21.65		8/3	22.00	20.80	20.86	20.78
	3/3	23.00	21.81	21.81	21.65		8/7	22.00	20.70	20.75	20.72
	6/0	22.00	20.61	20.93	20.87		15/0	22.00	20.61	20.68	20.61
64QAM	1/0	22.00	21.06	20.85	20.84	64QAM	1/0	22.00	20.88	20.68	20.84
	1/2	22.00	21.13	20.92	20.88		1/7	22.00	20.96	20.85	20.92
	1/5	22.00	21.05	20.80	20.87		1/14	22.00	20.84	20.74	20.76
	3/0	22.00	21.04	20.91	20.69		8/0	21.00	19.76	19.72	19.69
	3/1	22.00	21.06	20.90	20.70		8/3	21.00	19.77	19.81	19.72
	3/3	22.00	21.04	20.93	20.71		8/7	21.00	19.67	19.74	19.65
	6/0	21.00	19.70	20.07	19.83		15/0	21.00	19.61	19.72	19.69



LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	24.00	22.69	22.64	22.73	QPSK	1/0	24.00	22.65	22.74	22.74
	1/12	24.00	22.81	22.78	22.82		1/24	24.00	22.70	22.85	22.78
	1/24	24.00	22.69	22.66	22.70		1/49	24.00	22.70	22.75	22.70
	12/0	23.00	21.60	21.63	21.66		25/0	23.00	21.65	21.66	21.73
	12/6	23.00	21.68	21.71	21.70		25/12	23.00	21.77	21.77	21.75
	12/13	23.00	21.70	21.68	21.68		25/25	23.00	21.76	21.68	21.70
	25/0	23.00	21.67	21.69	21.69		50/0	23.00	21.68	21.68	21.70
16QAM	1/0	23.00	21.90	22.15	21.80	16QAM	1/0	23.00	21.72	22.08	21.78
	1/12	23.00	22.00	22.31	21.88		1/24	23.00	21.74	22.18	21.84
	1/24	23.00	21.90	22.18	21.82		1/49	23.00	21.63	22.08	21.76
	12/0	22.00	20.72	20.83	20.79		25/0	22.00	20.65	20.76	20.87
	12/6	22.00	20.79	20.92	20.84		25/12	22.00	20.82	20.84	20.90
	12/13	22.00	20.80	20.88	20.79		25/25	22.00	20.78	20.78	20.80
	25/0	22.00	20.72	20.81	20.69		50/0	22.00	20.72	20.76	20.82
64QAM	1/0	22.00	20.69	21.02	20.99	64QAM	1/0	22.00	21.05	20.92	20.97
	1/12	22.00	20.79	21.18	21.09		1/24	22.00	21.11	21.01	21.03
	1/24	22.00	20.67	21.05	20.98		1/49	22.00	21.05	20.97	20.93
	12/0	21.00	19.68	19.70	19.81		25/0	21.00	19.65	19.82	19.84
	12/6	21.00	19.77	19.78	19.86		25/12	21.00	19.80	19.90	19.90
	12/13	21.00	19.77	19.75	19.84		ddd	21.00	19.78	19.88	19.82
	25/0	21.00	19.65	19.73	19.77		50/0	21.00	19.74	19.81	19.78



LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	24.00	22.60	22.71	22.74	QPSK	1/0	24.00	22.55	22.58	22.55
	1/37	24.00	22.72	22.81	22.82		1/50	24.00	22.78	22.85	22.80
	1/74	24.00	22.58	22.68	22.72		1/99	24.00	22.58	22.59	22.61
	36/0	23.00	21.61	22.68	21.73		50/0	23.00	21.57	21.70	21.69
	36/19	23.00	21.74	21.74	21.79		50/25	23.00	21.76	21.74	21.77
	36/39	23.00	21.74	21.72	21.72		50/50	23.00	21.72	21.69	21.63
	75/0	23.00	21.70	21.68	21.75		100/0	23.00	21.63	21.66	21.66
16QAM	1/0	23.00	21.62	22.03	22.15	16QAM	1/0	23.00	22.10	22.03	21.99
	1/37	23.00	21.68	22.21	22.28		1/50	23.00	22.27	22.23	22.20
	1/74	23.00	21.53	22.04	22.11		1/99	23.00	22.05	22.09	22.00
	36/0	22.00	20.63	20.56	20.74		50/0	22.00	20.62	20.82	20.74
	36/19	22.00	20.70	20.81	20.80		50/25	22.00	20.76	20.87	20.83
	36/39	22.00	20.71	20.79	20.72		50/50	22.00	20.81	20.79	20.69
	75/0	22.00	20.69	20.79	20.78		100/0	22.00	20.73	20.78	20.72
64QAM	1/0	22.00	20.98	20.88	21.35	64QAM	1/0	22.00	20.92	21.29	20.88
	1/37	22.00	21.09	21.02	21.47		1/50	22.00	21.14	21.26	21.07
	1/74	22.00	20.98	20.85	21.34		1/99	22.00	20.95	21.30	20.88
	36/0	21.00	19.66	20.85	19.78		50/0	21.00	19.66	19.86	19.80
	36/19	21.00	19.74	19.88	19.81		50/25	21.00	19.83	19.88	19.86
	36/39	21.00	19.78	19.84	19.75		50/50	21.00	19.90	19.80	19.78
	75/0	21.00	19.71	19.82	19.83		100/0	21.00	19.76	19.80	19.77



Down Antenna Receiver off

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	21.00	19.48	19.49	19.59	QPSK	1/0	21.00	19.30	19.46	19.46
	1/2	21.00	19.54	19.56	19.61		1/7	21.00	19.42	19.62	19.57
	1/5	21.00	19.49	19.49	19.56		1/14	21.00	19.34	19.44	19.44
	3/0	21.00	19.56	19.60	19.61		8/0	21.00	19.55	19.66	19.71
	3/1	21.00	19.57	19.65	19.61		8/3	21.00	19.61	19.73	19.74
	3/3	21.00	19.54	19.66	19.62		8/7	21.00	19.52	19.64	19.67
	6/0	21.00	19.68	19.73	19.74		15/0	21.00	19.52	19.61	19.63
16QAM	1/0	21.00	19.88	19.59	19.67	16QAM	1/0	21.00	19.34	19.81	19.52
	1/2	21.00	19.90	19.63	19.74		1/7	21.00	19.45	19.98	19.63
	1/5	21.00	19.85	19.62	19.71		1/14	21.00	19.34	19.84	19.50
	3/0	21.00	19.80	19.85	19.70		8/0	21.00	19.71	19.78	19.72
	3/1	21.00	19.79	19.87	19.70		8/3	21.00	19.75	19.85	19.78
	3/3	21.00	19.78	19.86	19.71		8/7	21.00	19.67	19.74	19.73
	6/0	21.00	19.58	19.92	19.86		15/0	21.00	19.57	19.66	19.59
64QAM	1/0	21.00	19.75	19.85	20.07	64QAM	1/0	21.00	19.81	19.64	19.80
	1/2	21.00	19.81	19.91	20.17		1/7	21.00	19.90	19.83	19.91
	1/5	21.00	19.68	19.89	20.04		1/14	21.00	19.79	19.72	19.78
	3/0	21.00	19.80	19.72	20.07		8/0	21.00	19.67	19.69	19.68
	3/1	21.00	19.83	19.75	20.07		8/3	21.00	19.75	19.81	19.73
	3/3	21.00	19.84	19.76	20.09		8/7	21.00	19.62	19.72	19.65
	6/0	21.00	19.98	19.82	19.75		15/0	21.00	19.55	19.69	19.71



LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	21.00	19.73	19.69	19.75	QPSK	1/0	21.00	19.67	19.80	19.75
	1/12	21.00	19.78	19.80	19.89		1/24	21.00	19.70	19.84	19.83
	1/24	21.00	19.65	19.70	19.75		1/49	21.00	19.69	19.80	19.77
	12/0	21.00	19.58	19.66	19.74		25/0	21.00	19.56	19.70	19.80
	12/6	21.00	19.65	19.75	19.77		25/12	21.00	19.72	19.81	19.81
	12/13	21.00	19.65	19.71	19.74		25/25	21.00	19.72	19.71	19.73
	25/0	21.00	19.62	19.72	19.72		50/0	21.00	19.63	19.71	19.72
16QAM	1/0	21.00	19.86	20.02	19.86	16QAM	1/0	21.00	19.67	20.14	19.85
	1/12	21.00	19.97	20.13	19.98		1/24	21.00	19.73	20.03	19.88
	1/24	21.00	19.86	20.09	19.87		1/49	21.00	19.68	20.15	19.83
	12/0	21.00	19.70	19.83	19.79		25/0	21.00	19.61	19.75	19.85
	12/6	21.00	19.76	19.93	19.84		25/12	21.00	19.76	19.86	19.92
	12/13	21.00	19.77	19.88	19.81		25/25	21.00	19.74	19.78	19.84
	25/0	21.00	19.67	19.81	19.70		50/0	21.00	19.65	19.78	19.79
64QAM	1/0	21.00	19.61	20.02	19.97	64QAM	1/0	21.00	20.04	19.90	19.98
	1/12	21.00	19.75	20.12	20.09		1/24	21.00	20.09	19.99	20.04
	1/24	21.00	19.65	20.03	19.98		1/49	21.00	20.05	19.95	19.97
	12/0	21.00	19.67	19.68	19.81		25/0	21.00	19.61	19.81	19.85
	12/6	21.00	19.76	19.74	19.86		25/12	21.00	19.79	19.91	19.90
	12/13	21.00	19.76	19.73	19.83		ddd	21.00	19.79	19.83	19.82
	25/0	21.00	19.63	19.71	19.76		50/0	21.00	19.72	19.79	19.78



LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	21.00	19.57	19.72	19.73	QPSK	1/0	21.00	19.56	19.61	19.60
	1/37	21.00	19.72	19.91	19.89		1/50	21.00	19.96	20.18	20.04
	1/74	21.00	19.58	19.73	19.75		1/99	21.00	19.57	19.63	19.67
	36/0	21.00	19.57	19.73	19.76		50/0	21.00	19.52	19.74	19.69
	36/19	21.00	19.69	19.76	19.84		50/25	21.00	19.67	19.78	19.72
	36/39	21.00	19.71	19.72	19.76		50/50	21.00	19.76	19.72	19.69
	75/0	21.00	19.65	19.73	19.77		100/0	21.00	19.63	19.72	19.69
16QAM	1/0	21.00	19.58	20.10	20.05	16QAM	1/0	21.00	20.07	20.11	20.05
	1/37	21.00	19.73	20.04	20.14		1/50	21.00	20.08	19.83	20.12
	1/74	21.00	19.60	20.10	20.11		1/99	21.00	20.10	20.13	20.07
	36/0	21.00	19.57	20.10	19.71		50/0	21.00	19.60	19.83	19.73
	36/19	21.00	19.70	19.81	19.78		50/25	21.00	19.75	19.84	19.82
	36/39	21.00	19.71	19.77	19.71		50/50	21.00	19.83	19.76	19.70
	75/0	21.00	19.68	19.74	19.78		100/0	21.00	19.73	19.75	19.72
64QAM	1/0	21.00	19.94	19.88	20.02	64QAM	1/0	21.00	19.89	20.11	19.97
	1/37	21.00	20.08	20.01	20.08		1/50	21.00	20.11	19.87	20.03
	1/74	21.00	19.94	19.84	20.03		1/99	21.00	19.93	20.13	20.02
	36/0	21.00	19.61	19.84	19.77		50/0	21.00	19.64	19.84	19.84
	36/19	21.00	19.74	19.85	19.84		50/25	21.00	19.78	19.89	19.95
	36/39	21.00	19.76	19.82	19.76		50/50	21.00	19.87	19.81	19.82
	75/0	21.00	19.69	19.78	19.83		100/0	21.00	19.71	19.78	19.77

Up Antenna Receiver on

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	19.50	18.19	18.09	18.19	QPSK	1/0	19.50	17.98	18.05	17.94
	1/2	19.50	18.25	18.18	18.22		1/7	19.50	18.11	18.18	18.12
	1/5	19.50	18.18	18.10	18.14		1/14	19.50	18.01	18.03	17.98
	3/0	19.50	18.26	18.25	18.21		8/0	19.50	18.23	18.26	18.25
	3/1	19.50	18.28	18.26	18.24		8/3	19.50	18.28	18.31	18.31
	3/3	19.50	18.25	18.29	18.25		8/7	19.50	18.22	18.21	18.22
	6/0	19.50	18.35	18.34	18.36		15/0	19.50	18.19	18.18	18.19
16QAM	1/0	19.50	18.31	18.59	18.18	16QAM	1/0	19.50	18.02	18.44	18.08
	1/2	19.50	18.37	18.61	18.23		1/7	19.50	18.11	18.58	18.21
	1/5	19.50	18.30	18.56	18.19		1/14	19.50	17.98	18.40	18.05
	3/0	19.50	18.33	18.51	18.42		8/0	19.50	18.40	18.40	18.32
	3/1	19.50	18.35	18.52	18.46		8/3	19.50	18.42	18.43	18.36
	3/3	19.50	18.36	18.51	18.45		8/7	19.50	18.36	18.36	18.28
	6/0	19.50	18.50	18.28	18.53		15/0	19.50	18.27	18.25	18.18
64QAM	1/0	19.50	18.46	18.74	18.42	64QAM	1/0	19.50	18.46	18.28	18.34
	1/2	19.50	18.51	18.65	18.49		1/7	19.50	18.60	18.42	18.48
	1/5	19.50	18.51	18.72	18.39		1/14	19.50	18.46	18.29	18.34
	3/0	19.50	18.34	18.74	18.50		8/0	19.50	18.37	18.34	18.25
	3/1	19.50	18.35	18.74	18.50		8/3	19.50	18.41	18.38	18.29
	3/3	19.50	18.35	18.72	18.50		8/7	19.50	18.31	18.31	18.22
	6/0	19.50	18.45	18.37	18.66		15/0	19.50	18.24	18.29	18.28



LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	19.50	18.34	18.29	18.27	QPSK	1/0	19.50	18.31	18.44	18.28
	1/12	19.50	18.49	18.70	18.44		1/24	19.50	18.37	18.55	18.42
	1/24	19.50	18.33	18.30	18.34		1/49	19.50	18.37	18.38	18.31
	12/0	19.50	18.24	18.27	18.28		25/0	19.50	18.23	18.33	18.26
	12/6	19.50	18.33	18.36	18.34		25/12	19.50	18.40	18.39	18.32
	12/13	19.50	18.33	18.33	18.33		25/25	19.50	18.39	18.31	18.24
	25/0	19.50	18.32	18.31	18.29		50/0	19.50	18.34	18.30	18.26
16QAM	1/0	19.50	18.49	18.57	18.35	16QAM	1/0	19.50	18.34	18.48	18.34
	1/12	19.50	18.65	18.68	18.52		1/24	19.50	18.37	18.68	18.39
	1/24	19.50	18.50	18.58	18.41		1/49	19.50	18.35	18.74	18.38
	12/0	19.50	18.35	18.42	18.33		25/0	19.50	18.25	18.37	18.36
	12/6	19.50	18.45	18.51	18.39		25/12	19.50	18.41	18.43	18.45
	12/13	19.50	18.45	18.47	18.39		25/25	19.50	18.39	18.35	18.33
	25/0	19.50	18.34	18.38	18.23		50/0	19.50	18.32	18.35	18.31
64QAM	1/0	19.50	18.26	18.64	18.49	64QAM	1/0	19.50	18.69	18.56	18.53
	1/12	19.50	18.41	18.76	18.67		1/24	19.50	18.74	18.57	18.56
	1/24	19.50	18.27	18.61	18.56		1/49	19.50	18.71	18.52	18.56
	12/0	19.50	18.33	18.28	18.36		25/0	19.50	18.29	18.43	18.38
	12/6	19.50	18.42	18.36	18.41		25/12	19.50	18.44	18.48	18.45
	12/13	19.50	18.41	18.31	18.43		ddd	19.50	18.44	18.40	18.35
	25/0	19.50	18.29	18.28	18.30		50/0	19.50	18.36	18.39	18.31



LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	19.50	18.26	18.33	18.27	QPSK	1/0	19.50	18.25	18.20	18.15
	1/37	19.50	18.58	18.63	18.39		1/50	19.50	18.58	18.77	18.62
	1/74	19.50	18.28	18.28	18.34		1/99	19.50	18.28	18.24	18.25
	36/0	19.50	18.25	18.28	18.30		50/0	19.50	18.21	18.39	18.28
	36/19	19.50	18.35	18.36	18.33		50/25	19.50	18.36	18.43	18.34
	36/39	19.50	18.38	18.29	18.30		50/50	19.50	18.31	18.28	18.21
	75/0	19.50	18.30	18.33	18.28		100/0	19.50	18.31	18.33	18.25
16QAM	1/0	19.50	18.26	18.70	18.75	16QAM	1/0	19.50	18.74	18.76	18.60
	1/37	19.50	18.40	18.69	18.58		1/50	19.50	18.69	18.46	18.66
	1/74	19.50	18.28	18.68	18.66		1/99	19.50	18.61	18.63	18.65
	36/0	19.50	18.23	18.68	18.27		50/0	19.50	18.26	18.43	18.28
	36/19	19.50	18.32	18.43	18.32		50/25	19.50	18.40	18.45	18.35
	36/39	19.50	18.36	18.34	18.26		50/50	19.50	18.46	18.34	18.24
	75/0	19.50	18.34	18.38	18.27		100/0	19.50	18.36	18.38	18.27
64QAM	1/0	19.50	18.64	18.45	18.36	64QAM	1/0	19.50	18.56	18.68	18.42
	1/37	19.50	18.75	18.57	18.76		1/50	19.50	18.74	18.53	18.66
	1/74	19.50	18.65	18.42	18.59		1/99	19.50	18.60	18.72	18.50
	36/0	19.50	18.29	18.42	18.30		50/0	19.50	18.31	18.45	18.35
	36/19	19.50	18.39	18.45	18.35		50/25	19.50	18.47	18.47	18.43
	36/39	19.50	18.42	18.39	18.30		50/50	19.50	18.53	18.38	18.29
	75/0	19.50	18.36	18.39	18.33		100/0	19.50	18.37	18.38	18.31



Up Antenna Receiver off

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	22.00	20.67	20.73	20.71	QPSK	1/0	22.00	20.48	20.61	20.64
	1/2	22.00	20.70	20.81	20.82		1/7	22.00	20.62	20.79	20.79
	1/5	22.00	20.63	20.72	20.75		1/14	22.00	20.49	20.64	20.67
	3/0	22.00	20.71	20.81	20.86		8/0	22.00	20.73	20.83	20.91
	3/1	22.00	20.72	20.83	20.87		8/3	22.00	20.79	20.88	20.94
	3/3	22.00	20.74	20.79	20.89		8/7	22.00	20.72	20.78	20.88
	6/0	22.00	20.84	20.92	20.97		15/0	22.00	20.71	20.79	20.83
16QAM	1/0	22.00	20.70	20.84	21.18	16QAM	1/0	22.00	20.52	20.99	20.77
	1/2	22.00	20.72	20.94	21.20		1/7	22.00	20.61	21.16	20.86
	1/5	22.00	20.69	20.85	21.14		1/14	22.00	20.53	21.04	20.72
	3/0	22.00	20.92	20.90	21.08		8/0	22.00	20.86	20.95	20.94
	3/1	22.00	20.95	20.90	21.10		8/3	22.00	20.91	21.01	20.99
	3/3	22.00	20.91	20.92	21.08		8/7	22.00	20.86	20.92	20.94
	6/0	22.00	21.02	21.05	20.88		15/0	22.00	20.71	20.82	20.82
64QAM	1/0	22.00	20.92	21.01	21.28	64QAM	1/0	22.00	20.96	20.85	21.00
	1/2	22.00	21.00	21.09	21.13		1/7	22.00	21.08	21.01	21.10
	1/5	22.00	20.88	21.05	21.29		1/14	22.00	20.97	20.90	20.96
	3/0	21.00	20.97	20.90	20.78		8/0	21.00	19.88	19.90	19.90
	3/1	21.00	20.99	20.93	20.86		8/3	21.00	19.89	19.98	19.93
	3/3	21.00	20.99	20.93	20.87		8/7	21.00	19.79	19.91	19.86
	6/0	21.00	20.14	20.01	19.95		15/0	21.00	19.70	19.88	19.90



LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	22.00	20.89	20.85	20.99	QPSK	1/0	22.00	20.83	20.95	21.00
	1/12	22.00	20.99	21.00	21.09		1/24	22.00	20.90	21.03	21.04
	1/24	22.00	20.87	20.87	20.97		1/49	22.00	20.89	20.97	20.96
	12/0	22.00	20.73	20.84	20.94		25/0	22.00	20.75	20.87	21.00
	12/6	22.00	20.83	20.95	21.00		25/12	22.00	20.90	20.99	21.00
	12/13	22.00	20.85	20.91	20.97		25/25	22.00	20.92	20.92	20.93
	25/0	22.00	20.83	20.87	20.97		50/0	22.00	20.84	20.89	20.94
16QAM	1/0	22.00	21.01	21.34	21.05	16QAM	1/0	22.00	20.85	21.32	21.00
	1/12	22.00	21.15	21.22	21.18		1/24	22.00	20.87	21.11	21.09
	1/24	22.00	21.04	21.23	21.07		1/49	22.00	20.83	21.35	21.03
	12/0	22.00	20.85	21.00	21.00		25/0	22.00	20.74	20.92	21.05
	12/6	22.00	20.93	21.13	21.04		25/12	22.00	20.94	21.04	21.10
	12/13	22.00	20.94	21.07	21.01		25/25	22.00	20.90	20.95	20.99
	25/0	22.00	20.84	21.00	20.92		50/0	22.00	20.81	20.94	21.02
64QAM	1/0	22.00	20.79	21.19	21.17	64QAM	1/0	22.00	21.21	21.12	21.16
	1/12	22.00	20.94	21.26	21.30		1/24	22.00	21.24	21.18	21.24
	1/24	22.00	20.82	21.23	21.22		1/49	22.00	21.21	21.13	21.19
	12/0	21.00	19.82	19.86	20.03		25/0	21.00	19.75	20.00	20.08
	12/6	21.00	19.90	19.96	20.08		25/12	21.00	19.94	20.10	20.11
	12/13	21.00	19.90	19.90	20.05		ddd	21.00	19.94	20.04	20.00
	25/0	21.00	19.77	19.91	20.01		50/0	21.00	19.89	19.99	19.99

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	22.00	20.78	20.90	20.94	QPSK	1/0	22.00	20.73	20.77	20.77
	1/37	22.00	20.90	21.03	21.10		1/50	22.00	20.95	21.35	21.23
	1/74	22.00	20.78	20.93	20.98		1/99	22.00	20.74	20.81	20.85
	36/0	22.00	20.74	20.93	20.96		50/0	22.00	20.67	20.94	20.88
	36/19	22.00	20.87	20.92	21.04		50/25	22.00	20.86	20.96	20.89
	36/39	22.00	20.93	20.90	20.97		50/50	22.00	20.93	20.90	20.87
	75/0	22.00	20.83	20.88	20.95		100/0	22.00	20.82	20.91	20.89
16QAM	1/0	22.00	20.79	21.27	21.28	16QAM	1/0	22.00	21.24	21.27	21.20
	1/37	22.00	20.85	21.22	21.13		1/50	22.00	21.14	20.97	21.26
	1/74	22.00	20.73	21.28	21.14		1/99	22.00	21.26	21.34	21.31
	36/0	22.00	20.71	21.28	20.95		50/0	22.00	20.73	21.00	20.90
	36/19	22.00	20.84	21.00	21.00		50/25	22.00	20.90	21.03	21.00
	36/39	22.00	20.86	20.97	20.90		50/50	22.00	20.97	20.97	20.86
	75/0	22.00	20.83	20.95	20.97		100/0	22.00	20.86	20.98	20.89
64QAM	1/0	22.00	21.13	21.04	21.33	64QAM	1/0	22.00	21.06	21.22	21.14
	1/37	22.00	21.24	21.19	21.25		1/50	22.00	21.25	20.01	21.20
	1/74	22.00	21.10	21.03	21.25		1/99	22.00	21.06	21.27	21.21
	36/0	21.00	19.78	20.35	19.92		50/0	21.00	19.78	20.03	19.98
	36/19	21.00	19.90	20.04	20.04		50/25	21.00	19.97	20.06	20.14
	36/39	21.00	19.90	20.00	19.96		50/50	21.00	20.01	20.00	19.98
	75/0	21.00	19.86	19.95	20.04		100/0	21.00	19.85	19.96	19.93

Note: The tested channels are marks in bold.

16. Conducted power measurement results of BT

BT	Average Conducted Power(dBm)			
	Max.	CH0	CH39	CH78
	Tune up	2402MHz	2441MHz	2480MHz
DH5	11.00	10.33	10.13	10.29
2DH5	11.00	9.52	9.29	10.14
3DH5	11.00	9.52	9.29	10.13

BT	Average Conducted Power(dBm)			
	Max.	CH0	CH19	CH39
	Tune up	2402MHz	2440MHz	2480MHz
BLE(1M)	-3.00	-4.90	-4.78	-4.82
BLE(2M)	-3.00	-4.88	-4.77	-4.78

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

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
2.4G	802.11b	1	2412	1	11.00	10.92
		6	2437		15.00	14.90
		11	2462		10.50	10.11
	802.11g	1	2412	6	12.00	11.74
		6	2437		14.00	13.78
		11	2462		8.50	8.10
	802.11n HT20	1	2412	6.5	11.00	10.72
		6	2437		14.00	13.68
		11	2462		8.50	8.38
	802.11n HT40	3	2422	13.5	8.00	7.68
		6	2437		10.00	9.86
		9	2452		7.00	6.58

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
2.4G	802.11b	1	2412	1	16.00	15.84
		6	2437		20.00	19.82
		11	2462		15.50	15.44
	802.11g	1	2412	6	17.00	16.59
		6	2437		19.00	18.60
		11	2462		13.50	13.47
	802.11n HT20	1	2412	6.5	16.00	15.56
		6	2437		19.00	18.38
		11	2462		13.50	13.39
	802.11n HT40	3	2422	13.5	13.00	12.50
		6	2437		15.00	14.67
		9	2452		12.00	11.36

Hotspot

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
2.4G	802.11b	1	2412	1	14.00	13.86
		6	2437		18.00	17.81
		11	2462		13.50	13.13
	802.11g	1	2412	6	15.00	14.70
		6	2437		17.00	16.66
		11	2462		11.50	11.38
	802.11n HT20	1	2412	6.5	14.00	13.60
		6	2437		17.00	16.53
		11	2462		11.50	11.30
	802.11n HT40	3	2422	13.5	11.00	10.52
		6	2437		13.00	12.81
		9	2452		10.00	9.48

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	11.00	10.80
		44	5220		12.00	11.50
		48	5240		12.00	11.48
	802.11n HT20	36	5180	MCS0	11.50	11.34
		44	5220		12.00	11.48
		48	5240		12.00	11.45
	802.11n HT40	38	5190	MCS0	8.50	8.34
		46	5230		12.00	11.87
	802.11ac VHT20	36	5180	MCS0	11.50	11.47
		44	5220		12.00	11.46
		48	5240		12.00	11.59
	802.11ac VHT40	38	5190	MCS0	9.00	8.77
		46	5230		12.00	11.46
	802.11ac VHT80	42	5210	MCS0	9.00	8.84

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.2G	802.11a	36	5180	6	18.00	17.66
		44	5220		19.00	18.50
		48	5240		19.00	18.50
	802.11n HT20	36	5180	MCS0	18.50	17.90
		44	5220		19.00	18.50
		48	5240		19.00	18.73
	802.11n HT40	38	5190	MCS0	15.50	15.33
		46	5230		19.00	18.81
	802.11ac VHT20	36	5180	MCS0	18.50	18.14
		44	5220		19.00	18.40
		48	5240		19.00	18.72
	802.11ac VHT40	38	5190	MCS0	16.00	15.63
		46	5230		19.00	18.59
	802.11ac VHT80	42	5210	MCS0	16.00	15.88

Hotspot&Specific 10g SAR

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.2G	802.11a	36	5180	6	15.00	14.64
		44	5220		16.00	15.62
		48	5240		16.00	15.65
	802.11n HT20	36	5180	MCS0	15.50	15.11
		44	5220		16.00	15.64
		48	5240		16.00	15.76
	802.11n HT40	38	5190	MCS0	12.50	12.05
		46	5230		16.00	15.78
	802.11ac VHT20	36	5180	MCS0	15.50	15.23
		44	5220		16.00	15.61
		48	5240		16.00	15.73
	802.11ac VHT40	38	5190	MCS0	13.00	12.62
		46	5230		16.00	15.54
	802.11ac VHT80	42	5210	MCS0	13.00	12.84

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	12.00	11.46
		60	5300		12.00	11.47
		64	5320		9.50	9.32
	802.11n HT20	52	5260	MCS0	12.00	11.39
		60	5300		12.00	11.43
		64	5320		8.50	8.27
	802.11n HT40	54	5270	MCS0	12.00	11.92
		62	5310		8.00	7.88
	802.11ac VHT20	52	5260	MCS0	12.00	11.40
		60	5300		12.00	11.57
		64	5320		9.50	9.47
	802.11ac VHT40	54	5270	MCS0	12.00	11.89
		62	5310		8.50	8.24
	802.11ac VHT80	58	5290	MCS0	6.50	6.22

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	18.33
		60	5300		19.00	18.40
		64	5320		16.50	16.22
	802.11n HT20	52	5260	MCS0	19.00	18.56
		60	5300		19.00	18.37
		64	5320		15.50	15.35
	802.11n HT40	54	5270	MCS0	19.00	18.79
		62	5310		15.00	14.86
	802.11ac VHT20	52	5260	MCS0	19.00	18.66
		60	5300		19.00	18.35
		64	5320		16.50	16.25
	802.11ac VHT40	54	5270	MCS0	19.00	18.44
		62	5310		15.50	15.04
	802.11ac VHT80	58	5290	MCS0	13.50	13.13

Hotspot&Specific 10g SAR

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.3G	802.11a	52	5260	6	16.00	15.51
		60	5300		16.00	15.53
		64	5320		13.50	13.46
	802.11n HT20	52	5260	MCS0	16.00	15.75
		60	5300		16.00	15.54
		64	5320		12.50	12.39
	802.11n HT40	54	5270	MCS0	16.00	15.85
		62	5310		12.00	11.45
	802.11ac VHT20	52	5260	MCS0	16.00	15.78
		60	5300		16.00	15.53
		64	5320		13.50	13.30
	802.11ac VHT40	54	5270	MCS0	16.00	15.54
		62	5310		12.50	11.99
	802.11ac VHT80	58	5290	MCS0	10.50	10.37

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	11.00	10.64
		116	5580		14.00	13.82
		140	5700		10.50	10.18
	802.11n HT20	100	5500	MCS0	9.00	8.76
		116	5580		14.00	13.46
		140	5700		8.00	7.82
	802.11n HT40	102	5510	MCS0	7.50	7.33
		118	5590		14.00	13.50
		134	5670		11.50	11.41
	802.11ac VHT20	100	5500	MCS0	9.00	8.78
		116	5580		14.00	13.72
		140	5700		9.50	9.48
	802.11ac VHT40	102	5510	MCS0	7.50	7.18
		118	5590		14.00	13.76
		134	5670		11.40	11.25
	802.11ac VHT80	106	5530	MCS0	8.00	7.65
		122	5610		11.50	11.09
		138	5690		14.00	13.88

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11a	100	5500	6	16.00	15.37
		116	5580		19.00	18.63
		140	5700		15.50	15.06
	802.11n HT20	100	5500	MCS0	14.00	13.55
		116	5580		19.00	18.65
		140	5700		13.00	12.80
	802.11n HT40	102	5510	MCS0	12.50	12.30
		118	5590		19.00	18.55
		134	5670		16.50	16.20
	802.11ac VHT20	100	5500	MCS0	14.00	13.69
		116	5580		19.00	18.58
		140	5700		14.50	14.30
	802.11ac VHT40	102	5510	MCS0	12.50	12.20
		118	5590		19.00	18.51
		134	5670		16.40	16.15
	802.11ac VHT80	106	5530	MCS0	13.00	12.83
		122	5610		16.50	16.37
		138	5690		19.00	18.71

Hotspot&Specific 10g SAR

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.6G	802.11a	100	5500	6	12.50	11.97
		116	5580		15.50	15.21
		140	5700		12.00	11.58
	802.11n HT20	100	5500	MCS0	10.50	10.24
		116	5580		15.50	15.35
		140	5700		9.50	9.32
	802.11n HT40	102	5510	MCS0	9.00	8.80
		118	5590		15.50	15.14
		134	5670		13.00	12.68
	802.11ac VHT20	100	5500	MCS0	10.50	10.29
		116	5580		15.50	15.15
		140	5700		11.00	10.93
	802.11ac VHT40	102	5510	MCS0	9.00	8.73
		118	5590		15.50	15.13
		134	5670		12.90	12.78
	802.11ac VHT80	106	5530	MCS0	9.50	9.42
		122	5610		13.00	12.72
		138	5690		15.50	15.38

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	15.00	14.59
		157	5785		15.00	14.69
		165	5825		15.00	14.73
	802.11n HT20	144	5720	MCS0	15.00	14.57
		149	5745		15.00	14.62
		157	5785		15.00	14.72
		165	5825		15.00	14.78
	802.11n HT40	151	5755	MCS0	15.00	14.70
		159	5795		15.00	14.73
	802.11ac VHT20	149	5745	MCS0	15.00	14.67
		157	5785		15.00	14.83
		165	5825		15.00	14.86
	802.11ac VHT40	151	5755	MCS0	15.00	14.65
		159	5795		15.00	14.78
	802.11ac VHT80	155	5775	MCS0	15.00	14.87

Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.8G	802.11a	149	5745	6	19.00	18.61
		157	5785		19.00	18.72
		165	5825		19.00	18.62
	802.11n HT20	144	5720	MCS0	19.00	18.27
		149	5745		19.00	18.71
		157	5785		19.00	18.47
		165	5825		19.00	18.59
	802.11n HT40	151	5755	MCS0	19.00	18.56
		159	5795		19.00	18.65
	802.11ac VHT20	149	5745	MCS0	19.00	18.53
		157	5785		19.00	18.67
		165	5825		19.00	18.53
	802.11ac VHT40	151	5755	MCS0	19.00	18.71
		159	5795		19.00	18.58
	802.11ac VHT80	155	5775	MCS0	19.00	18.76

Hotspot&Specific 10g SAR

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
5.8G	802.11a	149	5745	6	16.00	15.78
		157	5785		16.00	15.88
		165	5825		16.00	15.87
	802.11n HT20	144	5720	MCS0	16.00	15.52
		149	5745		16.00	15.70
		157	5785		16.00	15.69
		165	5825		16.00	15.83
	802.11n HT40	151	5755	MCS0	16.00	15.61
		159	5795		16.00	15.66
	802.11ac VHT20	149	5745	MCS0	16.00	15.72
		157	5785		16.00	15.87
		165	5825		16.00	15.78
	802.11ac VHT40	151	5755	MCS0	16.00	15.71
		159	5795		16.00	15.79
	802.11ac VHT80	155	5775	MCS0	16.00	15.89

Note:

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