

Appendix F. Conducted Power Measurement Result

1. Conducted power measurement results of GSM850

Receiver on&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)		33.30	32.77	32.83	32.80	24.11	23.58	23.64	23.61
GPRS /EDGE (GMSK)	1 Tx Slot	33.30	32.80	32.86	32.82	24.11	23.61	23.67	23.63
	2 Tx Slot	31.30	30.96	31.00	31.01	25.17	24.83	24.87	24.88
	3 Tx Slot	29.30	28.93	28.94	28.93	24.88	24.51	24.52	24.51
	4 Tx Slot	27.30	26.91	26.90	26.93	24.12	23.73	23.72	23.75
EDGE (8PSK)	1 Tx Slot	26.80	26.54	26.33	26.40	17.61	17.35	17.14	17.21
	2 Tx Slot	26.30	26.14	26.14	26.15	20.17	20.01	20.01	20.02
	3 Tx Slot	24.80	24.12	24.77	24.46	20.38	19.70	20.35	20.04
	4 Tx Slot	22.80	22.24	22.36	22.71	19.62	19.06	19.18	19.53

Hotspot

GSM850		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			128/ 824.2	190/ 836.6	251/ 848.8		128/ 824.2	190/ 836.6	251/ 848.8
GSM (CS)		33.30	32.77	32.83	32.80	24.11	23.58	23.64	23.61
GPRS /EDGE (GMSK)	1 Tx Slot	33.30	32.80	32.86	32.82	24.11	23.61	23.67	23.63
	2 Tx Slot	31.30	30.96	31.00	31.01	25.17	24.83	24.87	24.88
	3 Tx Slot	29.30	28.93	28.94	28.93	24.88	24.51	24.52	24.51
	4 Tx Slot	27.30	26.91	26.90	26.93	24.12	23.73	23.72	23.75
EDGE (8PSK)	1 Tx Slot	26.80	26.54	26.33	26.40	17.61	17.35	17.14	17.21
	2 Tx Slot	26.30	26.14	26.14	26.15	20.17	20.21	20.01	20.02
	3 Tx Slot	24.80	24.12	24.77	24.46	20.38	20.83	20.55	20.64
	4 Tx Slot	22.80	22.24	22.36	22.71	19.62	20.08	19.88	19.73

Note:

- 1) The tested channel results are marks in bold.
- 2) 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:

$$\text{Frame-averaged power} = 10 \times \log (\text{Burst-averaged power mW} \times \text{Slot used}/8).$$

2. Conducted power measurement results of GSM1900

Receiver on&off

GSM1900		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		30.30	30.03	30.15	30.17	21.11	20.84	20.96	20.98
GPRS /EDGE (GMSK)	1 Tx Slot	30.30	30.05	30.17	30.18	21.11	20.86	20.98	20.99
	2 Tx Slot	28.30	28.00	28.14	28.00	22.17	21.87	22.01	21.87
	3 Tx Slot	26.80	26.40	26.46	26.26	22.38	21.98	22.04	21.84
	4 Tx Slot	25.80	24.29	24.39	24.23	22.62	21.11	21.21	21.05
EDGE (8PSK)	1 Tx Slot	26.30	26.20	26.28	26.17	17.11	17.01	17.09	16.98
	2 Tx Slot	25.80	24.98	25.22	25.07	19.67	18.85	19.09	18.94
	3 Tx Slot	24.80	24.66	24.71	24.51	20.38	20.24	20.29	20.09
	4 Tx Slot	22.80	22.38	22.58	22.45	19.62	19.20	19.40	19.27

Hotspot

GSM1900		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
		Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			512/ 1850.2	661/ 1880	810/ 1909.8		512/ 1850.2	661/ 1880	810/ 1909.8
GSM (CS)		30.30	30.03	30.15	30.17	21.11	20.84	20.96	20.98
GPRS /EDGE (GMSK)	1 Tx Slot	30.30	30.05	30.17	30.18	21.11	20.86	20.98	20.99
	2 Tx Slot	28.30	28.00	28.14	28.00	22.17	21.87	22.01	21.87
	3 Tx Slot	26.80	26.40	26.46	26.26	22.38	21.98	22.04	21.84
	4 Tx Slot	25.80	24.29	24.39	24.23	22.62	21.11	21.21	21.05
EDGE (8PSK)	1 Tx Slot	26.30	26.20	26.28	26.17	17.11	17.01	17.09	16.98
	2 Tx Slot	25.80	24.98	25.22	25.07	19.67	19.99	20.07	19.97
	3 Tx Slot	24.80	24.66	24.71	24.51	20.38	20.24	20.29	20.09
	4 Tx Slot	22.80	22.38	22.58	22.45	19.62	19.20	19.39	19.27

Note:

- 1) The tested channel results are marks in bold.
- 2) The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:
 Frame-averaged power=10 x log (Burst-averaged power mW x Slot used/8).

3. Conducted power measurement results of UMTS B2

Receiver on&off

Band	UMTS B2 Average Conducted Power(dBm)			
	Tx Channel	Max.	9262	9400
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	23.80	23.39	23.42	23.46
RMC 12.2K	23.80	23.39	23.42	23.46
HSDPA Subtest-1	23.30	22.77	22.97	23.03
HSDPA Subtest-2	23.30	22.43	22.69	22.73
HSDPA Subtest-3	23.30	22.19	22.29	22.29
HSDPA Subtest-4	23.30	22.23	22.27	22.24
HSUPA Subtest-1	22.30	21.44	21.33	21.51
HSUPA Subtest-2	20.80	20.57	20.77	20.66
HSUPA Subtest-3	21.80	20.83	20.99	20.93
HSUPA Subtest-4	20.80	20.58	20.77	20.72
HSUPA Subtest-5	22.80	22.51	22.55	22.72
DC-HSDPA Subtest-1	23.30	22.77	22.97	23.03
DC-HSDPA Subtest-2	23.30	22.43	22.69	22.73
DC-HSDPA Subtest-3	23.30	22.03	22.24	22.25
DC-HSDPA Subtest-4	23.30	22.27	22.04	22.11
HSPA+	21.30	21.21	21.23	21.08

Hotspot

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
AMR Voice	21.80	21.40	21.42	21.49
RMC 12.2K	21.80	21.40	21.42	21.49
HSDPA Subtest-1	21.30	21.02	21.15	21.24
HSDPA Subtest-2	21.30	21.02	21.24	21.20
HSDPA Subtest-3	21.30	21.08	21.04	20.98
HSDPA Subtest-4	21.30	20.92	21.13	21.06
HSUPA Subtest-1	20.30	20.26	20.21	20.21
HSUPA Subtest-2	18.80	18.60	18.77	18.76
HSUPA Subtest-3	19.80	18.58	18.78	18.72
HSUPA Subtest-4	18.80	18.64	18.78	18.73
HSUPA Subtest-5	20.80	20.66	20.68	20.73
DC-HSDPA Subtest-1	21.30	21.02	21.15	21.24
DC-HSDPA Subtest-2	21.30	21.02	21.24	21.20
DC-HSDPA Subtest-3	21.30	21.08	21.04	20.98
DC-HSDPA Subtest-4	21.30	20.92	21.13	21.06
HSPA+	21.00	20.50	20.31	20.36

Note:

1) The tested channel results are marks in bold.

4. Conducted power measurement results of UMTS B4

Receiver on&off

Band	UMTS B4 Average Conducted Power(dBm)			
	Tx Channel	Max.	1312	1413
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	23.80	23.34	23.32	23.33
RMC 12.2K	23.80	23.34	23.32	23.33
HSDPA Subtest-1	23.30	23.24	22.71	22.96
HSDPA Subtest-2	23.30	23.01	22.76	22.72
HSDPA Subtest-3	23.30	22.23	21.81	22.03
HSDPA Subtest-4	23.30	21.87	21.50	21.84
HSUPA Subtest-1	22.30	21.47	21.12	21.47
HSUPA Subtest-2	20.80	20.69	20.38	20.53
HSUPA Subtest-3	21.80	20.46	20.37	20.56
HSUPA Subtest-4	20.80	20.75	20.68	20.78
HSUPA Subtest-5	22.80	22.58	22.75	22.24
DC-HSDPA Subtest-1	23.30	23.24	22.71	22.96
DC-HSDPA Subtest-2	23.30	23.01	22.76	22.72
DC-HSDPA Subtest-3	23.30	22.17	21.81	22.03
DC-HSDPA Subtest-4	23.30	21.87	21.50	21.84
HSPA+	21.30	21.25	21.23	21.21

Hotspot

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
AMR Voice	21.80	21.37	21.33	21.34
RMC 12.2K	21.80	21.37	21.33	21.34
HSDPA Subtest-1	21.30	21.16	20.82	21.22
HSDPA Subtest-2	21.30	21.03	20.60	20.99
HSDPA Subtest-3	21.30	20.19	19.80	20.10
HSDPA Subtest-4	21.30	20.07	19.70	19.90
HSUPA Subtest-1	20.30	20.15	20.10	20.26
HSUPA Subtest-2	18.80	18.36	17.90	18.08
HSUPA Subtest-3	19.80	18.34	18.35	18.53
HSUPA Subtest-4	18.80	18.55	18.16	18.28
HSUPA Subtest-5	20.80	20.61	20.20	20.53
DC-HSDPA Subtest-1	21.30	21.16	20.82	21.22
DC-HSDPA Subtest-2	21.30	21.03	20.60	20.99
DC-HSDPA Subtest-3	21.30	20.19	19.80	20.10
DC-HSDPA Subtest-4	21.30	20.07	19.70	19.90
HSPA+	21.00	20.83	20.51	20.82

Note:

1) The tested channel results are marks in bold.

5. Conducted power measurement results of UMTS B5

Receiver on&off

Band	UMTS B5 Average Conducted Power(dBm)			
	Tx Channel	Max.	4132	4182
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	24.10	23.86	23.85	23.84
RMC 12.2K	24.10	23.86	23.85	23.84
HSDPA Subtest-1	23.30	22.88	22.81	22.76
HSDPA Subtest-2	23.30	22.57	22.54	22.51
HSDPA Subtest-3	23.30	22.13	22.29	22.22
HSDPA Subtest-4	23.30	22.16	22.10	22.15
HSUPA Subtest-1	22.60	22.35	22.42	22.34
HSUPA Subtest-2	21.30	20.87	21.14	21.07
HSUPA Subtest-3	21.80	21.58	21.55	21.46
HSUPA Subtest-4	21.80	20.84	21.03	21.01
HSUPA Subtest-5	23.30	23.16	23.22	23.08
DC-HSDPA Subtest-1	23.30	22.88	22.81	22.76
DC-HSDPA Subtest-2	23.30	22.57	22.54	22.51
DC-HSDPA Subtest-3	23.30	22.20	22.29	22.19
DC-HSDPA Subtest-4	23.30	22.16	22.10	22.15
HSPA+	21.30	21.25	21.21	21.27

Hotspot

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
AMR Voice	24.10	23.86	23.85	23.84
RMC 12.2K	24.10	23.86	23.85	23.84
HSDPA Subtest-1	23.30	22.88	22.81	22.76
HSDPA Subtest-2	23.30	22.57	22.54	22.51
HSDPA Subtest-3	23.30	22.13	22.29	22.22
HSDPA Subtest-4	23.30	22.16	22.10	22.15
HSUPA Subtest-1	22.60	22.35	22.42	22.34
HSUPA Subtest-2	21.30	20.87	21.14	21.07
HSUPA Subtest-3	21.80	21.58	21.55	21.46
HSUPA Subtest-4	21.80	20.84	21.03	21.01
HSUPA Subtest-5	23.30	23.16	23.22	23.08
DC-HSDPA Subtest-1	23.30	22.88	22.81	22.76
DC-HSDPA Subtest-2	23.30	22.57	22.54	22.51
DC-HSDPA Subtest-3	23.30	22.20	22.29	22.19
DC-HSDPA Subtest-4	23.30	22.16	22.10	22.15
HSPA+	21.30	21.25	21.21	21.27

Note:

1) The tested channel results are marks in bold.

6. Conducted power measurement results of LTE B2

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	23.80	23.21	22.78	22.98	QPSK	1/0	23.80	23.19	23.13	23.14
	1/2	23.80	23.09	22.92	23.05		1/7	23.80	23.17	23.09	23.11
	1/5	23.80	23.14	22.88	23.01		1/14	23.80	23.14	23.18	23.13
	3/0	23.80	22.99	23.06	22.99		8/0	23.30	21.93	21.95	21.88
	3/1	23.80	23.06	23.01	22.99		8/3	23.30	21.93	21.99	21.91
	3/3	23.80	23.03	23.09	22.87		8/7	23.30	21.95	21.94	21.89
	6/0	23.30	21.90	21.92	21.91		15/0	23.30	21.74	21.99	21.94
16QAM	1/0	23.30	22.61	21.71	22.25	16QAM	1/0	23.30	22.69	22.30	22.18
	1/2	23.30	22.69	21.69	22.23		1/7	23.30	22.64	22.38	22.21
	1/5	23.30	22.60	21.67	22.30		1/14	23.30	22.71	22.32	22.26
	3/0	23.30	22.11	21.90	21.95		8/0	22.30	21.07	21.25	21.03
	3/1	23.30	22.13	21.92	22.01		8/3	22.30	21.01	21.05	21.12
	3/3	23.30	22.07	21.93	22.02		8/7	22.30	21.08	21.20	21.13
	6/0	22.30	21.06	21.00	21.19		15/0	22.30	21.15	21.11	20.93
64QAM	1/0	22.30	21.47	20.34	21.30	64QAM	1/0	22.30	21.63	20.36	21.77
	1/2	22.30	21.63	20.39	21.41		1/7	22.30	21.58	20.35	21.73
	1/5	22.30	21.62	20.40	21.31		1/14	22.30	21.66	20.38	21.77
	3/0	22.30	21.27	21.22	21.49		8/0	21.30	19.61	19.74	19.55
	3/1	22.30	21.28	21.27	21.48		8/3	21.30	19.58	19.68	19.57
	3/3	22.30	21.24	21.28	21.56		8/7	21.30	19.64	19.72	19.58
	6/0	21.30	19.78	19.79	19.54		15/0	21.30	19.61	19.67	19.67



LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	23.80	23.00	23.04	22.97	QPSK	1/0	23.80	23.29	22.98	23.11
	1/12	23.80	22.88	23.01	22.97		1/24	23.80	23.29	23.06	23.04
	1/24	23.80	22.97	23.03	22.98		1/49	23.80	23.26	23.02	23.06
	12/0	23.30	22.08	21.96	22.00		25/0	23.30	22.04	22.07	21.95
	12/6	23.30	21.95	22.04	21.99		25/12	23.30	21.99	22.01	21.96
	12/13	23.30	21.94	22.01	21.94		25/25	23.30	21.96	21.96	21.97
	25/0	23.30	21.97	21.96	21.97		50/0	23.30	21.95	21.99	21.96
16QAM	1/0	23.30	21.96	22.02	21.90	16QAM	1/0	23.30	22.78	22.28	22.25
	1/12	23.30	21.90	21.89	21.90		1/24	23.30	22.73	22.43	22.28
	1/24	23.30	21.89	22.26	21.92		1/49	23.30	22.77	22.24	22.17
	12/0	22.30	21.02	21.11	21.09		25/0	22.30	21.02	21.18	21.20
	12/6	22.30	21.09	21.12	21.09		25/12	22.30	20.94	21.12	21.18
	12/13	22.30	21.06	21.05	21.04		25/25	22.30	20.98	21.17	21.21
	25/0	22.30	21.28	21.18	21.10		50/0	22.30	21.07	21.24	21.16
64QAM	1/0	22.30	20.48	21.64	20.74	64QAM	1/0	22.30	21.62	20.76	21.46
	1/12	22.30	20.54	21.73	20.76		1/24	22.30	21.68	20.69	21.34
	1/24	22.30	20.53	21.70	20.80		1/49	22.30	21.68	20.82	21.38
	12/0	21.30	19.70	19.54	19.49		25/0	21.30	19.59	19.79	19.65
	12/6	21.30	19.76	19.57	19.51		25/12	21.30	19.57	19.72	19.61
	12/13	21.30	19.73	19.60	19.45		25/25	21.30	19.49	19.86	19.62
	25/0	21.30	19.70	19.66	19.59		50/0	21.30	19.76	19.69	19.77

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	23.80	23.22	23.01	22.86	QPSK	1/0	23.80	23.32	23.05	23.27
	1/37	23.80	23.26	22.99	22.80		1/50	23.80	23.24	22.37	23.30
	1/74	23.80	23.28	23.02	22.82		1/99	23.80	23.28	23.17	23.31
	36/0	23.30	22.01	22.41	21.95		50/0	23.30	22.13	22.24	22.13
	36/19	23.30	21.97	21.97	22.05		50/25	23.30	22.19	22.09	22.37
	36/39	23.30	21.97	21.94	21.97		50/50	23.30	22.32	22.25	22.18
	75/0	23.30	21.95	21.97	21.90		100/0	23.30	22.06	22.13	22.12
16QAM	1/0	23.30	23.07	22.49	23.29	16QAM	1/0	23.30	22.20	21.93	22.49
	1/37	23.30	22.74	22.39	23.26		1/50	23.30	22.28	21.41	22.46
	1/74	23.30	22.75	22.44	23.15		1/99	23.30	22.05	21.94	22.53
	36/0	22.30	21.09	21.62	21.08		50/0	22.30	21.24	21.11	21.07
	36/19	22.30	21.09	21.20	21.07		50/25	22.30	21.09	21.11	21.11
	36/39	22.30	21.00	21.14	21.13		50/50	22.30	21.21	21.13	21.09
	75/0	22.30	21.18	21.16	21.13		100/0	22.30	21.14	21.00	21.13
64QAM	1/0	22.30	21.63	20.81	21.26	64QAM	1/0	22.30	21.60	21.38	21.73
	1/37	22.30	21.66	20.79	21.18		1/50	22.30	21.61	21.42	21.36
	1/74	22.30	21.61	20.87	21.23		1/99	22.30	21.71	21.40	21.28
	36/0	21.30	19.71	20.06	19.63		50/0	21.30	19.65	19.59	19.64
	36/19	21.30	19.65	19.85	19.63		50/25	21.30	19.65	19.63	19.67
	36/39	21.30	19.58	19.77	19.61		50/50	21.30	19.75	19.53	19.64
	75/0	21.30	19.64	19.75	19.68		100/0	21.30	19.61	19.63	19.65

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	22.80	21.71	21.46	21.54	QPSK	1/0	22.80	21.73	21.70	21.62
	1/2	22.80	21.68	21.50	21.55		1/7	22.80	21.71	21.70	21.66
	1/5	22.80	21.72	21.48	21.55		1/14	22.80	21.74	21.72	21.64
	3/0	22.80	21.55	21.50	21.57		8/0	21.80	20.43	20.53	20.51
	3/1	22.80	21.65	21.49	21.54		8/3	21.80	20.54	20.53	20.53
	3/3	22.80	21.57	21.54	21.50		8/7	21.80	20.46	20.54	20.56
	6/0	21.80	20.52	20.52	20.55		15/0	21.80	20.49	20.52	20.48
16QAM	1/0	21.80	21.69	20.89	20.87	16QAM	1/0	21.80	21.25	20.83	20.75
	1/2	21.80	21.78	20.88	20.84		1/7	21.80	21.19	20.84	20.77
	1/5	21.80	21.76	20.84	20.89		1/14	21.80	21.30	20.87	20.88
	3/0	21.80	20.66	20.57	21.07		8/0	20.80	19.52	19.78	19.69
	3/1	21.80	20.67	20.54	21.02		8/3	20.80	19.51	19.76	19.73
	3/3	21.80	20.69	20.53	21.02		8/7	20.80	19.64	19.79	19.77
	6/0	20.80	19.85	19.39	19.84		15/0	20.80	19.66	19.63	19.60
64QAM	1/0	20.80	20.47	18.91	20.36	64QAM	1/0	20.80	20.20	18.93	20.34
	1/2	20.80	20.52	18.97	20.33		1/7	20.80	20.15	18.91	20.36
	1/5	20.80	20.47	18.96	20.36		1/14	20.80	20.17	18.94	20.37
	3/0	20.80	19.83	19.47	19.59		8/0	19.80	18.04	18.03	17.97
	3/1	20.80	19.79	19.54	19.61		8/3	19.80	18.08	18.13	17.98
	3/3	20.80	19.81	19.52	19.62		8/7	19.80	17.99	18.15	17.87
	6/0	19.80	17.94	18.26	17.87		15/0	19.80	17.98	18.09	18.05

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	22.80	21.41	21.64	21.42	QPSK	1/0	22.80	21.75	21.55	21.73
	1/12	22.80	21.52	21.61	21.41		1/24	22.80	21.77	21.51	21.66
	1/24	22.80	21.55	21.60	21.44		1/49	22.80	21.81	21.60	21.76
	12/0	21.80	20.50	20.54	20.58		25/0	21.80	20.52	20.55	20.52
	12/6	21.80	20.57	20.47	20.46		25/12	21.80	20.57	20.52	20.67
	12/13	21.80	20.51	20.47	20.58		25/25	21.80	20.56	20.50	20.57
	25/0	21.80	20.49	20.51	20.51		50/0	21.80	20.57	20.49	20.56
16QAM	1/0	21.80	20.27	20.43	21.03	16QAM	1/0	21.80	21.22	20.85	20.81
	1/12	21.80	20.31	20.45	20.94		1/24	21.80	21.22	20.87	20.74
	1/24	21.80	20.35	20.47	21.03		1/49	21.80	21.15	20.89	20.78
	12/0	20.80	19.62	19.75	19.71		25/0	20.80	19.59	19.70	19.78
	12/6	20.80	19.67	19.59	19.64		25/12	20.80	19.76	19.87	19.74
	12/13	20.80	19.63	19.71	19.70		25/25	20.80	19.67	19.74	19.76
	25/0	20.80	19.82	19.81	19.77		50/0	20.80	19.62	19.75	19.78
64QAM	1/0	20.80	19.08	20.79	19.34	64QAM	1/0	20.80	20.26	19.30	19.94
	1/12	20.80	19.10	20.77	19.32		1/24	20.80	20.23	19.30	19.94
	1/24	20.80	19.13	20.79	19.38		1/49	20.80	20.27	19.27	19.93
	12/0	19.80	17.94	17.85	18.24		25/0	19.80	18.18	18.05	18.39
	12/6	19.80	18.03	18.07	18.25		25/12	19.80	18.16	18.19	18.45
	12/13	19.80	17.91	18.08	18.09		25/25	19.80	18.24	18.43	18.46
	25/0	19.80	17.86	17.98	18.09		50/0	19.80	18.14	18.18	18.39

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	22.80	21.87	21.69	21.50	QPSK	1/0	22.80	21.75	22.02	21.57
	1/37	22.80	21.82	21.73	21.48		1/50	22.80	21.75	21.53	21.63
	1/74	22.80	21.83	21.65	21.45		1/99	22.80	21.76	21.99	21.64
	36/0	21.80	20.56	21.65	20.54		50/0	21.80	20.73	20.77	20.75
	36/19	21.80	20.51	20.51	20.54		50/25	21.80	20.70	20.76	20.77
	36/39	21.80	20.57	20.53	20.53		50/50	21.80	20.73	20.71	20.74
	75/0	21.80	20.56	20.61	20.54		100/0	21.80	20.73	20.69	20.69
16QAM	1/0	21.80	21.24	20.98	21.53	16QAM	1/0	21.80	20.41	20.50	21.07
	1/37	21.80	21.21	20.97	21.55		1/50	21.80	20.42	20.74	21.12
	1/74	21.80	21.24	20.95	21.47		1/99	21.80	20.43	20.53	21.09
	36/0	20.80	19.68	20.75	19.70		50/0	20.80	19.78	19.70	19.64
	36/19	20.80	19.64	19.73	19.69		50/25	20.80	19.70	19.68	19.61
	36/39	20.80	19.64	19.84	19.63		50/50	20.80	19.74	19.66	19.69
	75/0	20.80	19.72	19.75	19.72		100/0	20.80	19.70	19.64	19.64
64QAM	1/0	20.80	20.27	19.48	20.65	64QAM	1/0	20.80	20.79	20.01	20.75
	1/37	20.80	20.25	19.42	20.63		1/50	20.80	20.60	19.29	20.75
	1/74	20.80	20.25	19.43	20.62		1/99	20.80	20.77	20.01	20.70
	36/0	19.80	18.25	19.43	18.20		50/0	19.80	18.44	18.36	18.57
	36/19	19.80	18.00	18.16	18.05		50/25	19.80	18.12	18.18	18.23
	36/39	19.80	18.04	18.33	17.97		50/50	19.80	18.29	18.56	18.20
	75/0	19.80	18.09	18.16	18.07		100/0	19.80	18.29	18.43	18.34

Hotspot

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	22.80	21.71	21.46	21.54	QPSK	1/0	22.80	21.73	21.70	21.62
	1/2	22.80	21.68	21.50	21.55		1/7	22.80	21.71	21.70	21.66
	1/5	22.80	21.72	21.48	21.55		1/14	22.80	21.74	21.72	21.64
	3/0	22.80	21.55	21.50	21.57		8/0	21.80	20.43	20.53	20.51
	3/1	22.80	21.65	21.49	21.54		8/3	21.80	20.54	20.53	20.53
	3/3	22.80	21.57	21.54	21.50		8/7	21.80	20.46	20.54	20.56
	6/0	21.80	20.52	20.52	20.55		15/0	21.80	20.49	20.52	20.48
16QAM	1/0	21.80	21.69	20.89	20.87	16QAM	1/0	21.80	21.25	20.83	20.75
	1/2	21.80	21.78	20.88	20.84		1/7	21.80	21.19	20.84	20.77
	1/5	21.80	21.76	20.84	20.89		1/14	21.80	21.30	20.87	20.88
	3/0	21.80	20.66	20.57	21.07		8/0	20.80	19.52	19.78	19.69
	3/1	21.80	20.67	20.54	21.02		8/3	20.80	19.51	19.76	19.73
	3/3	21.80	20.69	20.53	21.02		8/7	20.80	19.64	19.79	19.77
	6/0	20.80	19.85	19.39	19.84		15/0	20.80	19.66	19.63	19.60
64QAM	1/0	20.80	20.47	18.91	20.36	64QAM	1/0	20.80	20.20	18.93	20.34
	1/2	20.80	20.52	18.97	20.33		1/7	20.80	20.15	18.91	20.36
	1/5	20.80	20.47	18.96	20.36		1/14	20.80	20.17	18.94	20.37
	3/0	20.80	19.83	19.47	19.59		8/0	19.80	18.04	18.03	17.97
	3/1	20.80	19.79	19.54	19.61		8/3	19.80	18.08	18.13	17.98
	3/3	20.80	19.81	19.52	19.62		8/7	19.80	17.99	18.15	17.87
	6/0	19.80	17.94	18.26	17.87		15/0	19.80	17.98	18.09	18.05

LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	22.80	21.41	21.64	21.42	QPSK	1/0	22.80	21.75	21.55	21.73
	1/12	22.80	21.52	21.61	21.41		1/24	22.80	21.77	21.51	21.66
	1/24	22.80	21.55	21.60	21.44		1/49	22.80	21.81	21.60	21.76
	12/0	21.80	20.50	20.54	20.58		25/0	21.80	20.52	20.55	20.52
	12/6	21.80	20.57	20.47	20.46		25/12	21.80	20.57	20.52	20.67
	12/13	21.80	20.51	20.47	20.58		25/25	21.80	20.56	20.50	20.57
	25/0	21.80	20.49	20.51	20.51		50/0	21.80	20.57	20.49	20.56
16QAM	1/0	21.80	20.27	20.43	21.03	16QAM	1/0	21.80	21.22	20.85	20.81
	1/12	21.80	20.31	20.45	20.94		1/24	21.80	21.22	20.87	20.74
	1/24	21.80	20.35	20.47	21.03		1/49	21.80	21.15	20.89	20.78
	12/0	20.80	19.62	19.75	19.71		25/0	20.80	19.59	19.70	19.78
	12/6	20.80	19.67	19.59	19.64		25/12	20.80	19.76	19.87	19.74
	12/13	20.80	19.63	19.71	19.70		25/25	20.80	19.67	19.74	19.76
	25/0	20.80	19.82	19.81	19.77		50/0	20.80	19.62	19.75	19.78
64QAM	1/0	20.80	19.08	20.79	19.34	64QAM	1/0	20.80	20.26	19.30	19.94
	1/12	20.80	19.10	20.77	19.32		1/24	20.80	20.23	19.30	19.94
	1/24	20.80	19.13	20.79	19.38		1/49	20.80	20.27	19.27	19.93
	12/0	19.80	17.94	17.85	18.24		25/0	19.80	18.18	18.05	18.39
	12/6	19.80	18.03	18.07	18.25		25/12	19.80	18.16	18.19	18.45
	12/13	19.80	17.91	18.08	18.09		25/25	19.80	18.24	18.43	18.46
	25/0	19.80	17.86	17.98	18.09		50/0	19.80	18.14	18.18	18.39

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	22.80	21.87	21.69	21.50	QPSK	1/0	22.80	21.75	22.02	21.57
	1/37	22.80	21.82	21.73	21.48		1/50	22.80	21.75	21.53	21.63
	1/74	22.80	21.83	21.65	21.45		1/99	22.80	21.76	21.99	21.64
	36/0	21.80	20.56	21.65	20.54		50/0	21.80	20.73	20.77	20.75
	36/19	21.80	20.51	20.51	20.54		50/25	21.80	20.70	20.76	20.77
	36/39	21.80	20.57	20.53	20.53		50/50	21.80	20.73	20.71	20.74
	75/0	21.80	20.56	20.61	20.54		100/0	21.80	20.73	20.69	20.74
16QAM	1/0	21.80	21.24	20.98	21.53	16QAM	1/0	21.80	20.41	20.50	21.07
	1/37	21.80	21.21	20.97	21.55		1/50	21.80	20.42	20.74	21.12
	1/74	21.80	21.24	20.95	21.47		1/99	21.80	20.43	20.53	21.09
	36/0	20.80	19.68	20.75	19.70		50/0	20.80	19.78	19.70	19.64
	36/19	20.80	19.64	19.73	19.69		50/25	20.80	19.70	19.68	19.61
	36/39	20.80	19.64	19.84	19.63		50/50	20.80	19.74	19.66	19.69
	75/0	20.80	19.72	19.75	19.72		100/0	20.80	19.70	19.64	19.64
64QAM	1/0	20.80	20.27	19.48	20.65	64QAM	1/0	20.80	20.79	20.01	20.75
	1/37	20.80	20.25	19.42	20.63		1/50	20.80	20.60	19.29	20.75
	1/74	20.80	20.25	19.43	20.62		1/99	20.80	20.77	20.01	20.70
	36/0	19.80	18.25	19.43	18.20		50/0	19.80	18.44	18.36	18.57
	36/19	19.80	18.00	18.16	18.05		50/25	19.80	18.12	18.18	18.23
	36/39	19.80	18.04	18.33	17.97		50/50	19.80	18.29	18.56	18.20
	75/0	19.80	18.09	18.16	18.07		100/0	19.80	18.29	18.43	18.34

Note:

1) The tested channel results are marks in bold.

7. Conducted power measurement results of LTE B4

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	23.80	22.93	22.87	22.91	QPSK	1/0	23.80	23.17	22.90	22.99
	1/2	23.80	23.03	22.95	23.00		1/7	23.80	23.16	22.83	22.98
	1/5	23.80	23.00	22.93	23.00		1/14	23.80	23.08	22.89	22.91
	3/0	23.80	23.01	22.92	22.83		8/0	23.30	22.00	21.79	21.74
	3/1	23.80	23.07	22.87	22.77		8/3	23.30	22.00	21.85	21.81
	3/3	23.80	23.04	22.81	22.78		8/7	23.30	21.90	21.84	21.82
	6/0	23.30	21.97	21.90	21.80		15/0	23.30	21.95	21.85	21.79
16QAM	1/0	23.30	23.04	22.13	21.50	16QAM	1/0	23.30	22.60	22.40	22.43
	1/2	23.30	23.02	22.17	21.46		1/7	23.30	22.57	22.76	22.34
	1/5	23.30	23.04	22.15	21.41		1/14	23.30	22.50	22.41	22.31
	3/0	23.30	22.07	21.97	21.94		8/0	22.30	21.02	21.20	21.04
	3/1	23.30	22.09	21.98	21.79		8/3	22.30	21.04	21.25	20.97
	3/3	23.30	21.98	22.05	21.85		8/7	22.30	20.96	21.24	21.04
	6/0	22.30	21.10	20.89	21.00		15/0	22.30	21.13	21.05	20.78
64QAM	1/0	22.30	21.77	20.57	21.65	64QAM	1/0	22.30	21.66	20.69	20.95
	1/2	22.30	21.65	20.63	21.68		1/7	22.30	21.60	20.76	21.00
	1/5	22.30	21.75	20.65	21.59		1/14	22.30	21.53	20.72	20.98
	3/0	22.30	21.22	21.07	21.23		8/0	21.30	19.54	19.48	19.35
	3/1	22.30	21.25	21.07	21.16		8/3	21.30	19.61	19.49	19.34
	3/3	22.30	21.26	21.05	21.15		8/7	21.30	19.50	19.53	19.35
	6/0	21.30	19.74	19.61	19.46		15/0	21.30	19.54	19.53	19.38

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	23.80	23.01	22.87	22.88	QPSK	1/0	23.80	23.18	22.85	23.09
	1/12	23.80	22.97	22.83	22.94		1/24	23.80	23.12	22.86	23.05
	1/24	23.80	22.90	22.89	22.93		1/49	23.80	23.09	22.83	23.07
	12/0	23.30	22.03	21.89	21.82		25/0	23.30	21.82	21.85	21.84
	12/6	23.30	21.95	21.87	21.89		25/12	23.30	22.03	21.90	21.86
	12/13	23.30	21.99	21.95	22.01		25/25	23.30	21.94	21.86	21.86
	25/0	23.30	21.87	21.89	21.90		50/0	23.30	22.02	21.94	21.86
16QAM	1/0	23.30	21.81	21.71	22.13	16QAM	1/0	23.30	22.71	22.17	22.26
	1/12	23.30	21.77	21.71	21.92		1/24	23.30	22.62	22.09	22.34
	1/24	23.30	21.76	21.78	21.92		1/49	23.30	22.63	22.13	22.30
	12/0	22.30	21.05	20.96	20.95		25/0	22.30	20.95	21.00	21.08
	12/6	22.30	20.91	20.96	21.08		25/12	22.30	21.01	21.09	21.03
	12/13	22.30	20.91	21.04	21.03		25/25	22.30	21.05	21.04	21.13
	25/0	22.30	21.11	21.12	21.06		50/0	22.30	21.00	21.06	20.99
64QAM	1/0	22.30	20.46	20.85	20.53	64QAM	1/0	22.30	21.66	20.57	21.44
	1/12	22.30	20.36	20.81	20.63		1/24	22.30	21.59	20.59	21.44
	1/24	22.30	20.39	20.86	20.63		1/49	22.30	21.56	20.54	21.50
	12/0	21.30	19.74	19.42	19.32		25/0	21.30	19.55	19.58	19.57
	12/6	21.30	19.59	19.46	19.34		25/12	21.30	19.54	19.63	19.59
	12/13	21.30	19.57	19.42	19.36		25/25	21.30	19.46	19.60	19.53
	25/0	21.30	19.57	19.61	19.51		50/0	21.30	19.53	19.53	19.67

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	23.80	23.71	23.46	23.25	QPSK	1/0	23.80	23.73	23.24	23.22
	1/37	23.80	23.60	23.40	23.17		1/50	23.80	23.49	23.15	23.18
	1/74	23.80	23.61	23.39	23.21		1/99	23.80	23.50	23.38	23.18
	36/0	23.30	21.92	22.23	21.89		50/0	23.30	21.90	21.83	21.87
	36/19	23.30	21.85	21.85	21.85		50/25	23.30	21.86	21.92	21.82
	36/39	23.30	21.86	21.90	21.85		50/50	23.30	21.85	21.79	21.75
	75/0	23.30	21.90	21.87	21.81		100/0	23.30	21.85	21.82	21.75
16QAM	1/0	23.30	23.18	22.68	23.17	16QAM	1/0	23.30	22.64	22.75	22.97
	1/37	23.30	23.10	22.65	23.20		1/50	23.30	22.61	21.74	22.84
	1/74	23.30	23.07	22.60	23.08		1/99	23.30	22.58	22.94	22.86
	36/0	22.30	20.96	21.36	21.05		50/0	22.30	21.05	21.00	20.95
	36/19	22.30	20.87	21.09	20.97		50/25	22.30	21.05	21.06	20.89
	36/39	22.30	20.90	21.04	20.96		50/50	22.30	21.04	20.97	20.93
	75/0	22.30	21.00	21.05	20.96		100/0	22.30	21.02	21.05	20.94
64QAM	1/0	22.30	22.18	21.19	21.77	64QAM	1/0	22.30	22.25	22.21	21.91
	1/37	22.30	21.93	21.15	22.29		1/50	22.30	22.23	22.29	21.77
	1/74	22.30	22.05	21.09	22.28		1/99	22.30	22.18	22.18	21.74
	36/0	21.30	19.51	19.82	19.53		50/0	21.30	19.66	19.53	19.42
	36/19	21.30	19.46	19.58	19.47		50/25	21.30	19.53	19.61	19.51
	36/39	21.30	19.48	19.54	19.48		50/50	21.30	19.54	19.59	19.57
	75/0	21.30	19.45	19.54	19.61		100/0	21.30	19.54	19.56	19.47

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	21.80	20.77	20.48	20.47	QPSK	1/0	21.80	20.80	20.39	20.61
	1/2	21.80	20.84	20.50	20.45		1/7	21.80	20.86	20.45	20.57
	1/5	21.80	20.73	20.51	20.45		1/14	21.80	20.72	20.46	20.59
	3/0	21.80	20.67	20.41	20.46		8/0	20.80	19.63	19.42	19.40
	3/1	21.80	20.63	20.47	20.43		8/3	20.80	19.60	19.41	19.37
	3/3	21.80	20.64	20.40	20.41		8/7	20.80	19.48	19.38	19.38
	6/0	20.80	19.62	19.48	19.46		15/0	20.80	19.66	19.47	19.37
16QAM	1/0	20.80	20.48	19.72	20.43	16QAM	1/0	20.80	20.31	20.36	19.90
	1/2	20.80	20.50	19.79	20.46		1/7	20.80	20.31	20.36	20.05
	1/5	20.80	20.49	19.74	20.46		1/14	20.80	20.20	20.35	19.98
	3/0	20.80	19.67	19.80	19.66		8/0	19.80	18.56	18.89	18.64
	3/1	20.80	19.65	19.76	19.70		8/3	19.80	18.66	18.94	18.74
	3/3	20.80	19.67	19.76	19.66		8/7	19.80	18.69	18.91	18.76
	6/0	19.80	18.33	18.97	18.83		15/0	19.80	18.59	18.85	18.65
64QAM	1/0	19.80	18.41	18.92	19.01	64QAM	1/0	19.80	18.69	18.87	18.71
	1/2	19.80	18.62	19.10	19.24		1/7	19.80	18.96	19.10	18.97
	1/5	19.80	18.43	18.93	19.07		1/14	19.80	18.90	18.92	18.87
	3/0	19.80	18.46	18.61	18.68		8/0	18.80	17.16	17.37	16.98
	3/1	19.80	18.54	18.64	18.75		8/3	18.80	17.25	17.41	17.06
	3/3	19.80	18.50	18.63	18.70		8/7	18.80	17.27	17.37	17.08
	6/0	18.80	17.24	17.30	17.08		15/0	18.80	17.13	17.33	17.12

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	21.80	20.70	20.70	20.35	QPSK	1/0	21.80	20.83	20.58	20.66
	1/12	21.80	20.46	20.55	20.40		1/24	21.80	20.67	20.54	20.66
	1/24	21.80	20.56	20.66	20.36		1/49	21.80	20.68	20.52	20.58
	12/0	20.80	19.59	19.43	19.50		25/0	20.80	19.45	19.47	19.41
	12/6	20.80	19.59	19.45	19.44		25/12	20.80	19.49	19.42	19.49
	12/13	20.80	19.59	19.46	19.44		25/25	20.80	19.47	19.60	19.59
	25/0	20.80	19.58	19.47	19.50		50/0	20.80	19.50	19.42	19.46
16QAM	1/0	20.80	19.34	19.37	19.50	16QAM	1/0	20.80	20.17	19.71	19.91
	1/12	20.80	19.28	19.33	19.51		1/24	20.80	20.04	19.71	19.87
	1/24	20.80	19.28	19.38	19.54		1/49	20.80	20.04	19.67	19.86
	12/0	19.80	18.51	18.87	18.47		25/0	19.80	18.56	18.85	18.37
	12/6	19.80	18.76	19.02	18.72		25/12	19.80	18.85	18.96	18.61
	12/13	19.80	18.77	18.95	18.72		25/25	19.80	19.15	19.19	18.97
	25/0	19.80	18.58	18.83	18.52		50/0	19.80	18.84	19.02	18.63
64QAM	1/0	19.80	17.94	18.77	18.30	64QAM	1/0	19.80	18.41	18.78	18.11
	1/12	19.80	18.73	19.26	18.98		1/24	19.80	18.99	18.98	18.65
	1/24	19.80	18.38	18.79	18.63		1/49	19.80	19.49	19.44	19.26
	12/0	18.80	16.99	17.09	16.86		25/0	18.80	16.98	17.30	17.68
	12/6	18.80	17.25	17.23	17.10		25/12	18.80	17.26	17.40	16.93
	12/13	18.80	17.25	17.17	17.09		25/25	18.80	17.56	17.62	17.27
	25/0	18.80	17.04	17.12	16.93		50/0	18.80	17.25	17.44	16.93

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	21.80	21.19	20.98	20.87	QPSK	1/0	21.80	21.33	21.36	20.96
	1/37	21.80	21.13	20.99	20.89		1/50	21.80	21.15	20.68	20.96
	1/74	21.80	21.17	20.93	20.86		1/99	21.80	21.07	21.24	20.96
	36/0	20.80	19.52	20.73	19.57		50/0	20.80	19.71	19.70	19.70
	36/19	20.80	19.44	19.41	19.41		50/25	20.80	19.66	19.73	19.73
	36/39	20.80	19.48	19.42	19.50		50/50	20.80	19.68	19.65	19.69
	75/0	20.80	19.42	19.47	19.51		100/0	20.80	19.69	19.61	19.65
16QAM	1/0	20.80	20.62	20.21	20.73	16QAM	1/0	20.80	19.94	20.38	20.46
	1/37	20.80	20.50	20.19	20.67		1/50	20.80	19.73	19.22	20.45
	1/74	20.80	20.47	20.15	20.70		1/99	20.80	19.83	20.25	20.41
	36/0	19.80	18.74	19.75	18.35		50/0	19.80	19.00	19.19	18.43
	36/19	19.80	18.86	18.93	18.52		50/25	19.80	18.98	19.02	18.45
	36/39	19.80	19.08	19.14	18.95		50/50	19.80	19.22	19.35	19.11
	75/0	19.80	18.92	19.04	18.68		100/0	19.80	19.10	19.25	18.79
64QAM	1/0	19.80	18.76	19.03	18.75	64QAM	1/0	19.80	19.13	19.78	18.80
	1/37	19.80	19.15	18.94	19.15		1/50	19.80	19.09	18.61	18.52
	1/74	19.80	19.37	19.31	19.74		1/99	19.80	19.64	19.51	19.71
	36/0	18.80	17.18	18.12	17.77		50/0	18.80	17.41	17.57	16.85
	36/19	18.80	17.31	17.34	16.96		50/25	18.80	17.41	17.41	16.91
	36/39	18.80	17.51	17.53	17.37		50/50	18.80	17.61	17.71	17.53
	75/0	18.80	17.33	17.41	17.11		100/0	18.80	17.46	17.59	17.19

Hotspot

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	21.80	20.77	20.48	20.47	QPSK	1/0	21.80	20.80	20.39	20.61
	1/2	21.80	20.84	20.50	20.45		1/7	21.80	20.86	20.45	20.57
	1/5	21.80	20.73	20.51	20.45		1/14	21.80	20.72	20.46	20.59
	3/0	21.80	20.67	20.41	20.46		8/0	20.80	19.63	19.42	19.40
	3/1	21.80	20.63	20.47	20.43		8/3	20.80	19.60	19.41	19.37
	3/3	21.80	20.64	20.40	20.41		8/7	20.80	19.48	19.38	19.38
	6/0	20.80	19.62	19.48	19.46		15/0	20.80	19.66	19.47	19.37
16QAM	1/0	20.80	20.48	19.72	20.43	16QAM	1/0	20.80	20.31	20.36	19.90
	1/2	20.80	20.50	19.79	20.46		1/7	20.80	20.31	20.36	20.05
	1/5	20.80	20.49	19.74	20.46		1/14	20.80	20.20	20.35	19.98
	3/0	20.80	19.67	19.80	19.66		8/0	19.80	18.56	18.89	18.64
	3/1	20.80	19.65	19.76	19.70		8/3	19.80	18.66	18.94	18.74
	3/3	20.80	19.67	19.76	19.66		8/7	19.80	18.69	18.91	18.76
	6/0	19.80	18.33	18.97	18.83		15/0	19.80	18.59	18.85	18.65
64QAM	1/0	19.80	18.41	18.92	19.01	64QAM	1/0	19.80	18.69	18.87	18.71
	1/2	19.80	18.62	19.10	19.24		1/7	19.80	18.96	19.10	18.97
	1/5	19.80	18.43	18.93	19.07		1/14	19.80	18.90	18.92	18.87
	3/0	19.80	18.46	18.61	18.68		8/0	18.80	17.16	17.37	16.98
	3/1	19.80	18.54	18.64	18.75		8/3	18.80	17.25	17.41	17.06
	3/3	19.80	18.50	18.63	18.70		8/7	18.80	17.27	17.37	17.08
	6/0	18.80	17.24	17.30	17.08		15/0	18.80	17.13	17.33	17.12

LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	21.80	20.70	20.70	20.35	QPSK	1/0	21.80	20.83	20.58	20.66
	1/12	21.80	20.46	20.55	20.40		1/24	21.80	20.67	20.54	20.66
	1/24	21.80	20.56	20.66	20.36		1/49	21.80	20.68	20.52	20.58
	12/0	20.80	19.59	19.43	19.50		25/0	20.80	19.45	19.47	19.41
	12/6	20.80	19.59	19.45	19.44		25/12	20.80	19.49	19.42	19.49
	12/13	20.80	19.59	19.46	19.44		25/25	20.80	19.47	19.60	19.59
	25/0	20.80	19.58	19.47	19.50		50/0	20.80	19.50	19.42	19.46
16QAM	1/0	20.80	19.34	19.37	19.50	16QAM	1/0	20.80	20.17	19.71	19.91
	1/12	20.80	19.28	19.33	19.51		1/24	20.80	20.04	19.71	19.87
	1/24	20.80	19.28	19.38	19.54		1/49	20.80	20.04	19.67	19.86
	12/0	19.80	18.51	18.87	18.47		25/0	19.80	18.56	18.85	18.37
	12/6	19.80	18.76	19.02	18.72		25/12	19.80	18.85	18.96	18.61
	12/13	19.80	18.77	18.95	18.72		25/25	19.80	19.15	19.19	18.97
	25/0	19.80	18.58	18.83	18.52		50/0	19.80	18.84	19.02	18.63
64QAM	1/0	19.80	17.94	18.77	18.30	64QAM	1/0	19.80	18.41	18.78	18.11
	1/12	19.80	18.73	19.26	18.98		1/24	19.80	18.99	18.98	18.65
	1/24	19.80	18.38	18.79	18.63		1/49	19.80	19.49	19.44	19.26
	12/0	18.80	16.99	17.09	16.86		25/0	18.80	16.98	17.30	17.68
	12/6	18.80	17.25	17.23	17.10		25/12	18.80	17.26	17.40	16.93
	12/13	18.80	17.25	17.17	17.09		25/25	18.80	17.56	17.62	17.27
	25/0	18.80	17.04	17.12	16.93		50/0	18.80	17.25	17.44	16.93

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	21.80	21.19	20.98	20.87	QPSK	1/0	21.80	21.33	21.36	20.96
	1/37	21.80	21.13	20.99	20.89		1/50	21.80	21.15	20.68	20.95
	1/74	21.80	21.17	20.93	20.86		1/99	21.80	21.07	21.24	20.96
	36/0	20.80	19.52	20.73	19.57		50/0	20.80	19.71	19.70	19.70
	36/19	20.80	19.44	19.41	19.41		50/25	20.80	19.66	19.73	19.73
	36/39	20.80	19.48	19.42	19.50		50/50	20.80	19.68	19.65	19.69
	75/0	20.80	19.42	19.47	19.51		100/0	20.80	19.69	19.61	19.65
16QAM	1/0	20.80	20.62	20.21	20.73	16QAM	1/0	20.80	19.94	20.38	20.46
	1/37	20.80	20.50	20.19	20.67		1/50	20.80	19.73	19.22	20.45
	1/74	20.80	20.47	20.15	20.70		1/99	20.80	19.83	20.25	20.41
	36/0	19.80	18.74	19.75	18.35		50/0	19.80	19.00	19.19	18.43
	36/19	19.80	18.86	18.93	18.52		50/25	19.80	18.98	19.02	18.45
	36/39	19.80	19.08	19.14	18.95		50/50	19.80	19.22	19.35	19.11
	75/0	19.80	18.92	19.04	18.68		100/0	19.80	19.10	19.25	18.79
64QAM	1/0	19.80	18.76	19.03	18.75	64QAM	1/0	19.80	19.13	19.78	18.80
	1/37	19.80	19.15	18.94	19.15		1/50	19.80	19.09	18.61	18.52
	1/74	19.80	19.37	19.31	19.74		1/99	19.80	19.64	19.51	19.71
	36/0	18.80	17.18	18.12	17.77		50/0	18.80	17.41	17.57	16.85
	36/19	18.80	17.31	17.34	16.96		50/25	18.80	17.41	17.41	16.91
	36/39	18.80	17.51	17.53	17.37		50/50	18.80	17.61	17.71	17.53
	75/0	18.80	17.33	17.41	17.11		100/0	18.80	17.46	17.59	17.19

Note:

1) The tested channel results are marks in bold.

8. Conducted power measurement results of LTE B5

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	24.10	23.65	23.80	23.61	QPSK	1/0	24.10	23.90	23.65	23.83
	1/2	24.10	23.63	23.70	23.61		1/7	24.10	23.87	23.63	23.76
	1/5	24.10	23.66	23.76	23.55		1/14	24.10	23.86	23.63	23.82
	3/0	24.10	23.59	23.66	23.73		8/0	23.60	22.61	22.65	22.51
	3/1	24.10	23.65	23.70	23.65		8/3	23.60	22.50	22.66	22.53
	3/3	24.10	23.59	23.62	23.66		8/7	23.60	22.61	22.60	22.54
	6/0	23.60	22.66	22.64	22.52		15/0	23.60	22.52	22.63	22.53
16QAM	1/0	23.60	23.09	22.96	22.67	16QAM	1/0	23.60	23.06	22.96	22.87
	1/2	23.60	23.08	22.89	22.73		1/7	23.60	23.04	22.86	22.86
	1/5	23.60	23.01	22.88	22.74		1/14	23.60	23.10	22.88	22.88
	3/0	23.60	22.69	22.55	22.44		8/0	22.60	21.45	21.68	21.64
	3/1	23.60	22.67	22.52	22.49		8/3	22.60	21.51	21.70	21.62
	3/3	22.60	22.50	22.54	22.51		8/7	22.60	21.52	21.63	21.57
	6/0	22.60	21.73	21.54	21.71		15/0	22.60	21.65	21.61	21.53
64QAM	1/0	22.60	21.73	21.38	22.00	64QAM	1/0	22.60	21.74	21.33	22.26
	1/2	22.60	21.71	21.39	21.46		1/7	22.60	22.03	21.31	22.24
	1/5	22.60	21.78	21.35	21.51		1/14	22.60	22.08	21.33	22.21
	3/0	22.60	21.57	21.59	21.33		8/0	21.60	20.57	20.76	20.97
	3/1	22.60	21.55	21.60	21.33		8/3	21.60	20.54	21.06	21.02
	3/3	22.60	21.57	21.56	21.31		8/7	21.60	20.45	21.07	21.06
	6/0	21.60	20.55	21.08	21.06		15/0	21.60	20.60	21.06	20.99

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	24.10	23.67	23.69	23.57	QPSK	1/0	24.10	23.93	23.70	23.76
	1/12	24.10	23.63	23.68	23.46		1/24	24.10	23.91	23.65	23.83
	1/24	24.10	23.69	23.69	23.48		1/49	24.10	23.87	23.61	23.78
	12/0	23.60	22.63	22.69	22.64		25/0	23.60	22.49	22.60	22.59
	12/6	23.60	22.65	22.68	22.51		25/12	23.60	22.64	22.60	22.68
	12/13	23.60	22.65	22.58	22.45		25/25	23.60	22.70	22.72	22.57
	25/0	23.60	22.56	22.58	22.52		50/0	23.60	22.62	22.54	22.65
16QAM	1/0	23.60	22.22	22.79	23.10	16QAM	1/0	23.60	23.03	23.41	22.78
	1/12	23.60	22.45	22.81	22.97		1/24	23.60	23.08	23.44	22.71
	1/24	23.60	22.39	22.71	22.94		1/49	23.60	23.10	23.41	22.64
	12/0	22.60	21.55	21.68	21.74		25/0	22.60	21.64	21.78	21.70
	12/6	22.60	21.56	21.66	21.57		25/12	22.60	21.63	21.63	21.78
	12/13	22.60	21.49	21.62	21.53		25/25	22.60	21.62	21.64	21.67
	25/0	22.60	21.75	21.72	21.54		50/0	22.60	21.61	21.62	21.71
64QAM	1/0	22.60	21.13	22.47	21.37	64QAM	1/0	22.60	22.14	21.26	21.84
	1/12	22.60	21.09	21.74	21.21		1/24	22.60	22.21	21.29	21.94
	1/24	22.60	21.12	21.71	21.16		1/49	22.60	22.25	21.25	21.81
	12/0	21.60	20.72	20.51	20.54		25/0	21.60	20.51	20.77	20.66
	12/6	21.60	20.67	20.92	20.91		25/12	21.60	21.00	21.14	20.64
	12/13	21.60	20.72	20.95	20.90		25/25	21.60	21.09	21.18	21.05
	25/0	21.60	20.62	21.07	20.99		50/0	21.60	21.09	21.10	20.69

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	24.10	23.65	23.80	23.61	QPSK	1/0	24.10	23.90	23.65	23.83
	1/2	24.10	23.63	23.70	23.61		1/7	24.10	23.87	23.63	23.76
	1/5	24.10	23.66	23.76	23.55		1/14	24.10	23.86	23.63	23.82
	3/0	24.10	23.59	23.66	23.73		8/0	23.60	22.61	22.65	22.51
	3/1	24.10	23.65	23.70	23.65		8/3	23.60	22.50	22.66	22.53
	3/3	24.10	23.59	23.62	23.66		8/7	23.60	22.61	22.60	22.54
	6/0	23.60	22.66	22.64	22.52		15/0	23.60	22.52	22.63	22.53
16QAM	1/0	23.60	23.09	22.96	22.67	16QAM	1/0	23.60	23.06	22.96	22.87
	1/2	23.60	23.08	22.89	22.73		1/7	23.60	23.04	22.86	22.86
	1/5	23.60	23.01	22.88	22.74		1/14	23.60	23.10	22.88	22.88
	3/0	23.60	22.69	22.55	22.44		8/0	22.60	21.45	21.68	21.64
	3/1	23.60	22.67	22.52	22.49		8/3	22.60	21.51	21.70	21.62
	3/3	22.60	22.50	22.54	22.51		8/7	22.60	21.52	21.63	21.57
	6/0	22.60	21.73	21.54	21.71		15/0	22.60	21.65	21.61	21.53
64QAM	1/0	22.60	21.73	21.38	22.00	64QAM	1/0	22.60	21.74	21.33	22.26
	1/2	22.60	21.71	21.39	21.46		1/7	22.60	22.03	21.31	22.24
	1/5	22.60	21.78	21.35	21.51		1/14	22.60	22.08	21.33	22.21
	3/0	22.60	21.57	21.59	21.33		8/0	21.60	20.57	20.76	20.97
	3/1	22.60	21.55	21.60	21.33		8/3	21.60	20.54	21.06	21.02
	3/3	22.60	21.57	21.56	21.31		8/7	21.60	20.45	21.07	21.06
	6/0	21.60	20.55	21.08	21.06		15/0	21.60	20.60	21.06	20.99

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	24.10	23.67	23.69	23.57	QPSK	1/0	24.10	23.93	23.70	23.76
	1/12	24.10	23.63	23.68	23.46		1/24	24.10	23.91	23.65	23.83
	1/24	24.10	23.69	23.69	23.48		1/49	24.10	23.87	23.61	23.78
	12/0	23.60	22.63	22.69	22.64		25/0	23.60	22.49	22.60	22.59
	12/6	23.60	22.65	22.68	22.51		25/12	23.60	22.64	22.60	22.68
	12/13	23.60	22.65	22.58	22.45		25/25	23.60	22.70	22.72	22.57
	25/0	23.60	22.56	22.58	22.52		50/0	23.60	22.62	22.54	22.65
16QAM	1/0	23.60	22.22	22.79	23.10	16QAM	1/0	23.60	23.03	23.41	22.78
	1/12	23.60	22.45	22.81	22.97		1/24	23.60	23.08	23.44	22.71
	1/24	23.60	22.39	22.71	22.94		1/49	23.60	23.10	23.41	22.64
	12/0	22.60	21.55	21.68	21.74		25/0	22.60	21.64	21.78	21.70
	12/6	22.60	21.56	21.66	21.57		25/12	22.60	21.63	21.63	21.78
	12/13	22.60	21.49	21.62	21.53		25/25	22.60	21.62	21.64	21.67
	25/0	22.60	21.75	21.72	21.54		50/0	22.60	21.61	21.62	21.71
64QAM	1/0	22.60	21.13	22.47	21.37	64QAM	1/0	22.60	22.14	21.26	21.84
	1/12	22.60	21.09	21.74	21.21		1/24	22.60	22.21	21.29	21.94
	1/24	22.60	21.12	21.71	21.16		1/49	22.60	22.25	21.25	21.81
	12/0	21.60	20.72	20.51	20.54		25/0	21.60	20.51	20.77	20.66
	12/6	21.60	20.67	20.92	20.91		25/12	21.60	21.00	21.14	20.64
	12/13	21.60	20.72	20.95	20.90		25/25	21.60	21.09	21.18	21.05
	25/0	21.60	20.62	21.07	20.99		50/0	21.60	21.09	21.10	20.69

Hotspot

LTE B5/BW=1.4M		Average Conducted Power(dBm)				LTE B5/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20407/824.7	20525/836.5	20643/848.3				20415/825.5	20525/836.5	20635/847.5
QPSK	1/0	24.10	23.65	23.80	23.61	QPSK	1/0	24.10	23.90	23.65	23.83
	1/2	24.10	23.63	23.70	23.61		1/7	24.10	23.87	23.63	23.76
	1/5	24.10	23.66	23.76	23.55		1/14	24.10	23.86	23.63	23.82
	3/0	24.10	23.59	23.66	23.73		8/0	23.60	22.61	22.65	22.51
	3/1	24.10	23.65	23.70	23.65		8/3	23.60	22.50	22.66	22.53
	3/3	24.10	23.59	23.62	23.66		8/7	23.60	22.61	22.60	22.54
	6/0	23.60	22.66	22.64	22.52		15/0	23.60	22.52	22.63	22.53
16QAM	1/0	23.60	23.09	22.96	22.67	16QAM	1/0	23.60	23.06	22.96	22.87
	1/2	23.60	23.08	22.89	22.73		1/7	23.60	23.04	22.86	22.86
	1/5	23.60	23.01	22.88	22.74		1/14	23.60	23.10	22.88	22.88
	3/0	23.60	22.69	22.55	22.44		8/0	22.60	21.45	21.68	21.64
	3/1	23.60	22.67	22.52	22.49		8/3	22.60	21.51	21.70	21.62
	3/3	22.60	22.50	22.54	22.51		8/7	22.60	21.52	21.63	21.57
	6/0	22.60	21.73	21.54	21.71		15/0	22.60	21.65	21.61	21.53
64QAM	1/0	22.60	21.73	21.38	22.00	64QAM	1/0	22.60	21.74	21.33	22.26
	1/2	22.60	21.71	21.39	21.46		1/7	22.60	22.03	21.31	22.24
	1/5	22.60	21.78	21.35	21.51		1/14	22.60	22.08	21.33	22.21
	3/0	22.60	21.57	21.59	21.33		8/0	21.60	20.57	20.76	20.97
	3/1	22.60	21.55	21.60	21.33		8/3	21.60	20.54	21.06	21.02
	3/3	22.60	21.57	21.56	21.31		8/7	21.60	20.45	21.07	21.06
	6/0	21.60	20.55	21.08	21.06		15/0	21.60	20.60	21.06	20.99

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	24.10	23.67	23.69	23.57	QPSK	1/0	24.10	23.93	23.70	23.76
	1/12	24.10	23.63	23.68	23.46		1/24	24.10	23.91	23.65	23.83
	1/24	24.10	23.69	23.69	23.48		1/49	24.10	23.87	23.61	23.78
	12/0	23.60	22.63	22.69	22.64		25/0	23.60	22.49	22.60	22.59
	12/6	23.60	22.65	22.68	22.51		25/12	23.60	22.64	22.60	22.68
	12/13	23.60	22.65	22.58	22.45		25/25	23.60	22.70	22.72	22.57
	25/0	23.60	22.56	22.58	22.52		50/0	23.60	22.62	22.54	22.65
16QAM	1/0	23.60	22.22	22.79	23.10	16QAM	1/0	23.60	23.03	23.41	22.78
	1/12	23.60	22.45	22.81	22.97		1/24	23.60	23.08	23.44	22.71
	1/24	23.60	22.39	22.71	22.94		1/49	23.60	23.10	23.41	22.64
	12/0	22.60	21.55	21.68	21.74		25/0	22.60	21.64	21.78	21.70
	12/6	22.60	21.56	21.66	21.57		25/12	22.60	21.63	21.63	21.78
	12/13	22.60	21.49	21.62	21.53		25/25	22.60	21.62	21.64	21.67
	25/0	22.60	21.75	21.72	21.54		50/0	22.60	21.61	21.62	21.71
64QAM	1/0	22.60	21.13	22.47	21.37	64QAM	1/0	22.60	22.14	21.26	21.84
	1/12	22.60	21.09	21.74	21.21		1/24	22.60	22.21	21.29	21.94
	1/24	22.60	21.12	21.71	21.16		1/49	22.60	22.25	21.25	21.81
	12/0	21.60	20.72	20.51	20.54		25/0	21.60	20.51	20.77	20.66
	12/6	21.60	20.67	20.92	20.91		25/12	21.60	21.00	21.14	20.64
	12/13	21.60	20.72	20.95	20.90		25/25	21.60	21.09	21.18	21.05
	25/0	21.60	20.62	21.07	20.99		50/0	21.60	21.09	21.10	20.69

Note:

1) The tested channel results are marks in bold.

9. Conducted power measurement results of LTE B7

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	23.30	22.10	22.11	22.15	QPSK	1/0	23.30	22.28	22.13	22.19
	1/12	23.30	22.09	22.09	22.08		1/24	23.30	22.42	22.13	22.19
	1/24	23.30	22.05	22.10	22.02		1/49	23.30	22.17	22.15	22.21
	12/0	22.30	21.25	21.12	21.10		25/0	22.30	21.24	21.18	21.03
	12/6	22.30	21.26	21.05	21.14		25/12	22.30	21.17	21.12	21.06
	12/13	22.30	21.20	21.06	21.14		25/25	22.30	21.20	21.06	21.10
	25/0	22.30	21.14	21.05	21.10		50/0	22.30	21.17	21.06	21.08
16QAM	1/0	22.30	21.22	21.46	21.51	16QAM	1/0	22.30	21.77	21.45	21.31
	1/12	22.30	21.24	21.40	21.50		1/24	22.30	21.64	21.42	21.31
	1/24	22.30	21.12	21.43	21.49		1/49	22.30	21.75	21.43	21.34
	12/0	21.30	20.27	20.24	20.16		25/0	21.30	20.33	20.25	20.26
	12/6	21.30	20.30	20.19	20.13		25/12	21.30	20.20	20.20	20.26
	12/13	21.30	20.23	20.18	20.15		25/25	21.30	20.16	20.23	20.27
	25/0	21.30	20.60	20.23	20.23		50/0	21.30	20.24	20.23	20.23
64QAM	1/0	21.30	19.67	21.25	19.85	64QAM	1/0	21.30	20.81	19.92	20.96
	1/12	21.30	19.63	21.18	19.78		1/24	21.30	20.74	19.93	21.00
	1/24	21.30	19.59	21.20	19.81		1/49	21.30	20.78	19.90	20.94
	12/0	20.30	18.66	19.02	18.82		25/0	20.30	18.79	19.22	18.91
	12/6	20.30	18.81	19.09	18.92		25/12	20.30	18.90	19.13	18.96
	12/13	20.30	18.75	18.96	18.86		25/25	20.30	19.10	19.15	19.11
	25/0	20.30	18.63	18.95	18.77		50/0	20.30	18.94	19.15	18.88

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	23.30	22.44	22.17	22.05	QPSK	1/0	23.30	22.48	22.38	22.17
	1/37	23.30	22.42	22.13	21.84		1/50	23.30	22.44	22.36	22.08
	1/74	23.30	22.38	22.14	21.92		1/99	23.30	22.35	22.35	22.17
	36/0	22.30	21.10	21.14	21.09		50/0	22.30	21.36	21.30	21.28
	36/19	22.30	21.19	21.02	21.06		50/25	22.30	21.41	21.35	21.27
	36/39	22.30	21.18	21.13	21.07		50/50	22.30	21.40	21.42	21.35
	75/0	22.30	21.17	21.10	21.05		100/0	22.30	21.42	21.28	21.30
16QAM	1/0	22.30	21.99	21.48	22.10	16QAM	1/0	22.30	21.11	21.37	21.66
	1/37	22.30	21.93	21.40	22.05		1/50	22.30	21.09	21.30	21.64
	1/74	22.30	21.94	21.45	22.10		1/99	22.30	21.01	21.30	21.68
	36/0	21.30	20.24	20.26	20.16		50/0	21.30	20.32	20.26	20.13
	36/19	21.30	20.29	20.24	20.17		50/25	21.30	20.42	20.22	20.10
	36/39	21.30	20.24	20.23	20.20		50/50	21.30	20.30	20.23	20.17
	75/0	21.30	20.29	20.17	20.20		100/0	21.30	20.37	20.16	20.13
64QAM	1/0	21.30	20.70	19.97	21.14	64QAM	1/0	21.30	21.28	20.94	20.73
	1/37	21.30	20.67	19.85	21.13		1/50	21.30	21.27	20.79	20.70
	1/74	21.30	20.64	19.89	21.13		1/99	21.30	21.18	20.85	20.77
	36/0	20.30	18.86	19.32	18.86		50/0	20.30	18.93	19.54	19.01
	36/19	20.30	18.80	19.11	18.76		50/25	20.30	18.87	19.16	18.86
	36/39	20.30	18.96	18.96	18.83		50/50	20.30	19.17	19.07	19.03
	75/0	20.30	18.83	19.11	18.85		100/0	20.30	19.01	19.28	19.00

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	23.30	22.10	22.11	22.15	QPSK	1/0	23.30	22.28	22.13	22.19
	1/12	23.30	22.09	22.09	22.08		1/24	23.30	22.42	22.13	22.19
	1/24	23.30	22.05	22.10	22.02		1/49	23.30	22.17	22.15	22.21
	12/0	22.30	21.25	21.12	21.10		25/0	22.30	21.24	21.18	21.03
	12/6	22.30	21.26	21.05	21.14		25/12	22.30	21.17	21.12	21.06
	12/13	22.30	21.20	21.06	21.14		25/25	22.30	21.20	21.06	21.10
	25/0	22.30	21.14	21.05	21.10		50/0	22.30	21.17	21.06	21.08
16QAM	1/0	22.30	21.22	21.46	21.51	16QAM	1/0	22.30	21.77	21.45	21.31
	1/12	22.30	21.24	21.40	21.50		1/24	22.30	21.64	21.42	21.31
	1/24	22.30	21.12	21.43	21.49		1/49	22.30	21.75	21.43	21.34
	12/0	21.30	20.27	20.24	20.16		25/0	21.30	20.33	20.25	20.26
	12/6	21.30	20.30	20.19	20.13		25/12	21.30	20.20	20.20	20.26
	12/13	21.30	20.23	20.18	20.15		25/25	21.30	20.16	20.23	20.27
	25/0	21.30	20.60	20.23	20.23		50/0	21.30	20.24	20.23	20.23
64QAM	1/0	21.30	19.67	21.25	19.85	64QAM	1/0	21.30	20.81	19.92	20.96
	1/12	21.30	19.63	21.18	19.78		1/24	21.30	20.74	19.93	21.00
	1/24	21.30	19.59	21.20	19.81		1/49	21.30	20.78	19.90	20.94
	12/0	20.30	18.66	19.02	18.82		25/0	20.30	18.79	19.22	18.91
	12/6	20.30	18.81	19.09	18.92		25/12	20.30	18.90	19.13	18.96
	12/13	20.30	18.75	18.96	18.86		25/25	20.30	19.10	19.15	19.11
	25/0	20.30	18.63	18.95	18.77		50/0	20.30	18.94	19.15	18.88

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	23.30	22.44	22.17	22.05	QPSK	1/0	23.30	22.48	22.38	22.17
	1/37	23.30	22.42	22.13	21.84		1/50	23.30	22.44	22.36	22.08
	1/74	23.30	22.38	22.14	21.92		1/99	23.30	22.35	22.35	22.17
	36/0	22.30	21.10	21.14	21.09		50/0	22.30	21.36	21.30	21.28
	36/19	22.30	21.19	21.02	21.06		50/25	22.30	21.41	21.35	21.27
	36/39	22.30	21.18	21.13	21.07		50/50	22.30	21.40	21.42	21.35
	75/0	22.30	21.17	21.10	21.05		100/0	22.30	21.42	21.28	21.30
16QAM	1/0	22.30	21.99	21.48	22.10	16QAM	1/0	22.30	21.11	21.37	21.66
	1/37	22.30	21.93	21.40	22.05		1/50	22.30	21.09	21.30	21.64
	1/74	22.30	21.94	21.45	22.10		1/99	22.30	21.01	21.30	21.68
	36/0	21.30	20.24	20.26	20.16		50/0	21.30	20.32	20.26	20.13
	36/19	21.30	20.29	20.24	20.17		50/25	21.30	20.42	20.22	20.10
	36/39	21.30	20.24	20.23	20.20		50/50	21.30	20.30	20.23	20.17
	75/0	21.30	20.29	20.17	20.20		100/0	21.30	20.37	20.16	20.13
64QAM	1/0	21.30	20.70	19.97	21.14	64QAM	1/0	21.30	21.28	20.94	20.73
	1/37	21.30	20.67	19.85	21.13		1/50	21.30	21.27	20.79	20.70
	1/74	21.30	20.64	19.89	21.13		1/99	21.30	21.18	20.85	20.77
	36/0	20.30	18.86	19.32	18.86		50/0	20.30	18.93	19.54	19.01
	36/19	20.30	18.80	19.11	18.76		50/25	20.30	18.87	19.16	18.86
	36/39	20.30	18.96	18.96	18.83		50/50	20.30	19.17	19.07	19.03
	75/0	20.30	18.83	19.11	18.85		100/0	20.30	19.01	19.28	19.00

Hotspot

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20775/2502.5	21100/2535	21425/2567.5				20800/2505	21100/2535	21400/2565
QPSK	1/0	20.80	20.30	20.19	20.11	QPSK	1/0	20.80	20.44	20.30	20.36
	1/12	20.80	20.26	20.15	20.10		1/24	20.80	20.45	20.27	20.42
	1/24	20.80	20.29	20.17	20.15		1/49	20.80	20.42	20.31	20.40
	12/0	19.80	19.24	19.16	19.21		25/0	19.80	19.24	19.17	19.19
	12/6	19.80	19.18	19.12	19.12		25/12	19.80	19.20	19.14	19.15
	12/13	19.80	19.25	19.11	19.16		25/25	19.80	19.17	19.17	19.19
	25/0	19.80	19.28	19.10	19.21		50/0	19.80	19.25	19.19	19.20
16QAM	1/0	19.80	19.02	19.05	19.22	16QAM	1/0	19.80	19.70	19.54	19.41
	1/12	19.80	18.96	19.02	19.20		1/24	19.80	19.72	19.50	19.38
	1/24	19.80	18.98	19.09	19.17		1/49	19.80	19.69	19.53	19.37
	12/0	18.80	18.32	18.57	18.64		25/0	18.80	18.23	18.64	18.77
	12/6	18.80	18.47	18.64	18.79		25/12	18.80	18.29	18.60	18.67
	12/13	18.80	18.36	18.51	18.73		25/25	18.80	18.47	18.62	18.65
	25/0	18.80	18.22	18.45	18.59		50/0	18.80	18.30	18.63	18.67
64QAM	1/0	18.80	17.77	18.49	18.05	64QAM	1/0	18.80	18.25	18.63	18.18
	1/12	18.80	18.26	18.61	18.53		1/24	18.80	18.48	18.63	18.40
	1/24	18.80	17.78	18.20	18.04		1/49	18.80	18.62	18.62	18.68
	12/0	17.80	17.02	17.26	16.76		25/0	17.80	17.02	17.55	16.86
	12/6	17.80	17.17	17.34	16.91		25/12	17.80	17.12	17.51	16.95
	12/13	17.80	17.10	17.22	16.84		25/25	17.80	17.31	17.53	17.12
	25/0	17.80	16.98	17.22	16.74		50/0	17.80	17.15	17.52	16.94

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	20.80	20.46	20.30	20.18	QPSK	1/0	20.80	20.37	20.47	20.16
	1/37	20.80	20.43	20.25	20.14		1/50	20.80	20.36	20.25	20.19
	1/74	20.80	20.40	20.27	20.12		1/99	20.80	20.29	20.26	20.20
	36/0	19.80	19.15	19.16	19.13		50/0	19.80	19.36	19.31	19.23
	36/19	19.80	19.14	19.11	19.20		50/25	19.80	19.32	19.19	19.37
	36/39	19.80	19.18	19.17	19.16		50/50	19.80	19.33	19.21	19.31
	75/0	19.80	19.22	19.13	19.13		100/0	19.80	19.31	19.36	19.31
16QAM	1/0	19.80	19.62	19.57	19.74	16QAM	1/0	19.80	19.12	19.43	19.79
	1/37	19.80	19.75	19.44	19.76		1/50	19.80	19.06	19.37	19.72
	1/74	19.80	19.75	19.49	19.70		1/99	19.80	19.07	19.43	19.76
	36/0	18.80	18.25	18.77	18.61		50/0	18.80	18.46	18.78	18.78
	36/19	18.80	18.21	18.58	18.69		50/25	18.80	18.41	18.62	18.80
	36/39	18.80	18.36	18.41	18.78		50/50	18.80	18.68	18.52	18.76
	75/0	18.80	18.30	18.58	18.76		100/0	18.80	18.57	18.74	18.74
64QAM	1/0	18.80	18.40	18.64	18.71	64QAM	1/0	18.80	18.61	18.69	18.74
	1/37	18.80	18.50	18.63	18.60		1/50	18.80	18.39	18.68	18.40
	1/74	18.80	18.64	18.24	18.77		1/99	18.80	18.76	18.74	18.69
	36/0	17.80	17.09	17.67	16.98		50/0	17.80	17.36	17.68	17.20
	36/19	17.80	17.08	17.48	16.95		50/25	17.80	17.30	17.52	17.05
	36/39	17.80	17.21	17.31	17.01		50/50	17.80	17.56	17.41	17.19
	75/0	17.80	17.13	17.45	17.03		100/0	17.80	17.42	17.61	17.18

Note:

1) The tested channel results are marks in bold.

10. Conducted power measurement results of LTE B12

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	24.10	23.82	23.72	23.75	QPSK	1/0	24.10	23.85	23.75	23.92
	1/2	24.10	23.82	23.76	23.67		1/7	24.10	23.81	23.65	23.90
	1/5	24.10	23.85	23.75	23.73		1/14	24.10	23.86	23.73	23.94
	3/0	24.10	23.69	23.77	23.56		8/0	23.60	22.64	22.71	22.70
	3/1	24.10	23.69	23.70	23.71		8/3	23.60	22.57	22.64	22.68
	3/3	24.10	23.70	23.68	23.70		8/7	23.60	22.67	22.67	22.73
	6/0	23.60	22.72	22.68	22.76		15/0	23.60	22.57	22.71	22.73
16QAM	1/0	23.60	23.09	22.95	23.52	16QAM	1/0	23.60	23.27	22.99	22.95
	1/2	23.60	23.06	22.98	23.50		1/7	23.60	23.18	22.90	22.94
	1/5	23.60	23.09	22.95	23.44		1/14	23.60	23.08	22.91	22.95
	3/0	23.60	22.82	22.59	23.07		8/0	22.60	21.59	21.75	21.81
	3/1	23.60	22.83	22.59	23.07		8/3	22.60	21.61	22.19	21.74
	3/3	23.60	22.81	22.59	23.09		8/7	22.60	21.65	22.26	21.74
	6/0	22.60	21.77	22.01	21.84		15/0	22.60	21.65	22.10	21.60
64QAM	1/0	22.60	21.77	21.40	22.17	64QAM	1/0	22.60	22.03	21.35	22.53
	1/2	22.60	21.79	21.84	22.12		1/7	22.60	22.01	21.87	22.43
	1/5	22.60	21.82	21.85	22.15		1/14	22.60	22.07	21.84	22.39
	3/0	22.60	21.57	22.04	21.44		8/0	21.60	21.09	20.69	20.75
	3/1	22.60	21.54	22.03	21.43		8/3	21.60	21.04	21.12	20.72
	3/3	22.60	21.54	22.03	22.14		8/7	21.60	20.67	21.16	20.72
	6/0	21.60	21.10	21.17	20.66		15/0	21.60	21.10	21.17	20.80

LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.10	23.68	23.60	23.63	QPSK	1/0	24.10	23.94	23.84	23.83
	1/12	24.10	23.69	23.67	23.54		1/24	24.10	23.95	23.83	23.87
	1/24	24.10	23.73	23.67	23.63		1/49	24.10	24.00	23.79	23.92
	12/0	23.60	22.60	22.65	22.69		25/0	23.60	22.66	22.68	22.64
	12/6	23.60	22.63	22.70	22.71		25/12	23.60	22.66	22.62	22.60
	12/13	23.60	22.67	22.68	22.76		25/25	23.60	22.67	22.72	22.59
	25/0	23.60	22.63	22.51	22.69		50/0	23.60	22.67	22.71	22.54
16QAM	1/0	23.60	22.39	22.98	22.98	16QAM	1/0	23.60	22.97	23.51	23.22
	1/12	23.60	22.38	22.92	23.04		1/24	23.60	22.94	23.48	23.17
	1/24	23.60	22.44	22.92	23.03		1/49	23.60	22.95	23.39	23.23
	12/0	22.60	21.70	21.64	21.56		25/0	22.60	21.68	21.74	22.18
	12/6	22.60	21.70	22.16	21.78		25/12	22.60	21.72	22.24	21.80
	12/13	22.60	21.68	22.10	21.79		25/25	22.60	21.59	21.74	21.89
	25/0	22.60	21.91	22.23	21.83		50/0	22.60	21.71	22.18	21.68
64QAM	1/0	22.60	21.17	22.50	21.16	64QAM	1/0	22.60	22.11	21.38	22.19
	1/12	22.60	21.08	22.60	21.36		1/24	22.60	22.11	21.82	22.12
	1/24	22.60	21.04	22.46	21.36		1/49	22.60	22.58	21.27	22.24
	12/0	21.60	21.19	20.61	20.88		25/0	21.60	20.63	20.79	21.12
	12/6	21.60	20.78	21.09	20.65		25/12	21.60	20.58	21.28	20.67
	12/13	21.60	20.75	21.09	20.58		25/25	21.60	20.62	20.75	20.82
	25/0	21.60	20.78	21.29	20.71		50/0	21.60	20.67	21.12	20.71

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	24.10	23.82	23.72	23.75	QPSK	1/0	24.10	23.85	23.75	23.92
	1/2	24.10	23.82	23.76	23.67		1/7	24.10	23.81	23.65	23.90
	1/5	24.10	23.85	23.75	23.73		1/14	24.10	23.86	23.73	23.94
	3/0	24.10	23.69	23.77	23.56		8/0	23.60	22.64	22.71	22.70
	3/1	24.10	23.69	23.70	23.71		8/3	23.60	22.57	22.64	22.68
	3/3	24.10	23.70	23.68	23.70		8/7	23.60	22.67	22.67	22.73
	6/0	23.60	22.72	22.68	22.76		15/0	23.60	22.57	22.71	22.73
16QAM	1/0	23.60	23.09	22.95	23.52	16QAM	1/0	23.60	23.27	22.99	22.95
	1/2	23.60	23.06	22.98	23.50		1/7	23.60	23.18	22.90	22.94
	1/5	23.60	23.09	22.95	23.44		1/14	23.60	23.08	22.91	22.95
	3/0	23.60	22.82	22.59	23.07		8/0	22.60	21.59	21.75	21.81
	3/1	23.60	22.83	22.59	23.07		8/3	22.60	21.61	22.19	21.74
	3/3	23.60	22.81	22.59	23.09		8/7	22.60	21.65	22.26	21.74
	6/0	22.60	21.77	22.01	21.84		15/0	22.60	21.65	22.10	21.60
64QAM	1/0	22.60	21.77	21.40	22.17	64QAM	1/0	22.60	22.03	21.35	22.53
	1/2	22.60	21.79	21.84	22.12		1/7	22.60	22.01	21.87	22.43
	1/5	22.60	21.82	21.85	22.15		1/14	22.60	22.07	21.84	22.39
	3/0	22.60	21.57	22.04	21.44		8/0	21.60	21.09	20.69	20.75
	3/1	22.60	21.54	22.03	21.43		8/3	21.60	21.04	21.12	20.72
	3/3	22.60	21.54	22.03	22.14		8/7	21.60	20.67	21.16	20.72
	6/0	21.60	21.10	21.17	20.66		15/0	21.60	21.10	21.17	20.80

LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.10	23.68	23.60	23.63	QPSK	1/0	24.10	23.94	23.84	23.83
	1/12	24.10	23.69	23.67	23.54		1/24	24.10	23.95	23.83	23.87
	1/24	24.10	23.73	23.67	23.63		1/49	24.10	24.00	23.79	23.92
	12/0	23.60	22.60	22.65	22.69		25/0	23.60	22.66	22.68	22.64
	12/6	23.60	22.63	22.70	22.71		25/12	23.60	22.66	22.62	22.60
	12/13	23.60	22.67	22.68	22.76		25/25	23.60	22.67	22.72	22.59
	25/0	23.60	22.63	22.51	22.69		50/0	23.60	22.67	22.71	22.54
16QAM	1/0	23.60	22.39	22.98	22.98	16QAM	1/0	23.60	22.97	23.51	23.22
	1/12	23.60	22.38	22.92	23.04		1/24	23.60	22.94	23.48	23.17
	1/24	23.60	22.44	22.92	23.03		1/49	23.60	22.95	23.39	23.23
	12/0	22.60	21.70	21.64	21.56		25/0	22.60	21.68	21.74	22.18
	12/6	22.60	21.70	22.16	21.78		25/12	22.60	21.72	22.24	21.80
	12/13	22.60	21.68	22.10	21.79		25/25	22.60	21.59	21.74	21.89
	25/0	22.60	21.91	22.23	21.83		50/0	22.60	21.71	22.18	21.68
64QAM	1/0	22.60	21.17	22.50	21.16	64QAM	1/0	22.60	22.11	21.38	22.19
	1/12	22.60	21.08	22.60	21.36		1/24	22.60	22.11	21.82	22.12
	1/24	22.60	21.04	22.46	21.36		1/49	22.60	22.58	21.27	22.24
	12/0	21.60	21.19	20.61	20.88		25/0	21.60	20.63	20.79	21.12
	12/6	21.60	20.78	21.09	20.65		25/12	21.60	20.58	21.28	20.67
	12/13	21.60	20.75	21.09	20.58		25/25	21.60	20.62	20.75	20.82
	25/0	21.60	20.78	21.29	20.71		50/0	21.60	20.67	21.12	20.71

Hotspot

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23017/699.7	23095/707.5	23173/715.3				23025/700.5	23095/707.5	23165/714.5
QPSK	1/0	24.10	23.82	23.72	23.75	QPSK	1/0	24.10	23.85	23.75	23.92
	1/2	24.10	23.82	23.76	23.67		1/7	24.10	23.81	23.65	23.90
	1/5	24.10	23.85	23.75	23.73		1/14	24.10	23.86	23.73	23.94
	3/0	24.10	23.69	23.77	23.56		8/0	23.60	22.64	22.71	22.70
	3/1	24.10	23.69	23.70	23.71		8/3	23.60	22.57	22.64	22.68
	3/3	24.10	23.70	23.68	23.70		8/7	23.60	22.67	22.67	22.73
	6/0	23.60	22.72	22.68	22.76		15/0	23.60	22.57	22.71	22.73
16QAM	1/0	23.60	23.09	22.95	23.52	16QAM	1/0	23.60	23.27	22.99	22.95
	1/2	23.60	23.06	22.98	23.50		1/7	23.60	23.18	22.90	22.94
	1/5	23.60	23.09	22.95	23.44		1/14	23.60	23.08	22.91	22.95
	3/0	23.60	22.82	22.59	23.07		8/0	22.60	21.59	21.75	21.81
	3/1	23.60	22.83	22.59	23.07		8/3	22.60	21.61	22.19	21.74
	3/3	23.60	22.81	22.59	23.09		8/7	22.60	21.65	22.26	21.74
	6/0	22.60	21.77	22.01	21.84		15/0	22.60	21.65	22.10	21.60
64QAM	1/0	22.60	21.77	21.40	22.17	64QAM	1/0	22.60	22.03	21.35	22.53
	1/2	22.60	21.79	21.84	22.12		1/7	22.60	22.01	21.87	22.43
	1/5	22.60	21.82	21.85	22.15		1/14	22.60	22.07	21.84	22.39
	3/0	22.60	21.57	22.04	21.44		8/0	21.60	21.09	20.69	20.75
	3/1	22.60	21.54	22.03	21.43		8/3	21.60	21.04	21.12	20.72
	3/3	22.60	21.54	22.03	22.14		8/7	21.60	20.67	21.16	20.72
	6/0	21.60	21.10	21.17	20.66		15/0	21.60	21.10	21.17	20.80

LTE B12/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			23035/701.5	23095/707.5	23155/713.5				23060/704	23095/707.5	23130/711
QPSK	1/0	24.10	23.68	23.60	23.63	QPSK	1/0	24.10	23.94	23.84	23.83
	1/12	24.10	23.69	23.67	23.54		1/24	24.10	23.95	23.83	23.87
	1/24	24.10	23.73	23.67	23.63		1/49	24.10	24.00	23.79	23.92
	12/0	23.60	22.60	22.65	22.69		25/0	23.60	22.66	22.68	22.64
	12/6	23.60	22.63	22.70	22.71		25/12	23.60	22.66	22.62	22.60
	12/13	23.60	22.67	22.68	22.76		25/25	23.60	22.67	22.72	22.59
	25/0	23.60	22.63	22.51	22.69		50/0	23.60	22.67	22.71	22.54
16QAM	1/0	23.60	22.39	22.98	22.98	16QAM	1/0	23.60	22.97	23.51	23.22
	1/12	23.60	22.38	22.92	23.04		1/24	23.60	22.94	23.48	23.17
	1/24	23.60	22.44	22.92	23.03		1/49	23.60	22.95	23.39	23.23
	12/0	22.60	21.70	21.64	21.56		25/0	22.60	21.68	21.74	22.18
	12/6	22.60	21.70	22.16	21.78		25/12	22.60	21.72	22.24	21.80
	12/13	22.60	21.68	22.10	21.79		25/25	22.60	21.59	21.74	21.89
	25/0	22.60	21.91	22.23	21.83		50/0	22.60	21.71	22.18	21.68
64QAM	1/0	22.60	21.17	22.50	21.16	64QAM	1/0	22.60	22.11	21.38	22.19
	1/12	22.60	21.08	22.60	21.36		1/24	22.60	22.11	21.82	22.12
	1/24	22.60	21.04	22.46	21.36		1/49	22.60	22.58	21.27	22.24
	12/0	21.60	21.19	20.61	20.88		25/0	21.60	20.63	20.79	21.12
	12/6	21.60	20.78	21.09	20.65		25/12	21.60	20.58	21.28	20.67
	12/13	21.60	20.75	21.09	20.58		25/25	21.60	20.62	20.75	20.82
	25/0	21.60	20.78	21.29	20.71		50/0	21.60	20.67	21.12	20.71

Note:

1) The tested channel results are marks in bold.

11. Conducted power measurement results of LTE B17

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	24.10	23.78	23.64	23.60	QPSK	1/0	24.10	23.91	23.71	23.85
	1/12	24.10	23.73	23.66	23.55		1/24	24.10	23.93	23.82	23.90
	1/24	24.10	23.78	23.67	23.56		1/49	24.10	23.97	23.86	23.86
	12/0	23.10	22.70	22.74	22.62		25/0	23.10	22.63	22.57	22.69
	12/6	23.10	22.72	22.63	22.67		25/12	23.10	22.70	22.71	22.63
	12/13	23.10	22.71	22.61	22.68		25/25	23.10	22.62	22.54	22.69
	25/0	23.60	22.72	22.65	22.69		50/0	23.60	22.64	22.47	22.65
16QAM	1/0	23.60	22.44	22.93	22.46	16QAM	1/0	23.60	22.95	23.29	23.22
	1/12	23.60	22.45	22.91	22.59		1/24	23.60	22.95	22.98	23.16
	1/24	23.60	22.36	22.85	22.91		1/49	23.60	23.07	22.95	23.22
	12/0	22.60	21.63	22.10	21.58		25/0	22.60	21.70	22.15	22.19
	12/6	22.60	21.62	21.69	21.77		25/12	22.60	22.16	21.71	21.82
	12/13	22.60	22.11	21.66	21.76		25/25	22.60	21.61	21.58	21.86
	25/0	22.60	21.92	21.77	21.76		50/0	22.60	22.18	21.71	21.65
64QAM	1/0	22.60	21.29	22.40	21.17	64QAM	1/0	22.60	22.10	21.38	22.18
	1/12	22.60	21.29	21.89	21.44		1/24	22.60	22.52	21.34	22.08
	1/24	22.60	21.70	21.70	21.35		1/49	22.60	22.22	21.46	22.21
	12/0	21.60	20.72	20.92	20.91		25/0	21.60	20.61	21.26	21.12
	12/6	21.60	20.74	20.44	20.64		25/12	21.60	21.07	20.72	20.68
	12/13	21.60	21.25	20.59	20.65		25/25	21.60	21.05	21.21	20.80
	25/0	21.60	20.75	20.76	20.71		50/0	21.60	21.11	20.63	20.75

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	24.10	23.78	23.64	23.60	QPSK	1/0	24.10	23.91	23.71	23.85
	1/12	24.10	23.73	23.66	23.55		1/24	24.10	23.93	23.82	23.90
	1/24	24.10	23.78	23.67	23.56		1/49	24.10	23.97	23.86	23.86
	12/0	23.10	22.70	22.74	22.62		25/0	23.10	22.63	22.57	22.69
	12/6	23.10	22.72	22.63	22.67		25/12	23.10	22.70	22.71	22.63
	12/13	23.10	22.71	22.61	22.68		25/25	23.10	22.62	22.54	22.69
	25/0	23.60	22.72	22.65	22.69		50/0	23.60	22.64	22.47	22.65
16QAM	1/0	23.60	22.44	22.93	22.46	16QAM	1/0	23.60	22.95	23.29	23.22
	1/12	23.60	22.45	22.91	22.59		1/24	23.60	22.95	22.98	23.16
	1/24	23.60	22.36	22.85	22.91		1/49	23.60	23.07	22.95	23.22
	12/0	22.60	21.63	22.10	21.58		25/0	22.60	21.70	22.15	22.19
	12/6	22.60	21.62	21.69	21.77		25/12	22.60	22.16	21.71	21.82
	12/13	22.60	22.11	21.66	21.76		25/25	22.60	21.61	21.58	21.86
	25/0	22.60	21.92	21.77	21.76		50/0	22.60	22.18	21.71	21.65
64QAM	1/0	22.60	21.29	22.40	21.17	64QAM	1/0	22.60	22.10	21.38	22.18
	1/12	22.60	21.29	21.89	21.44		1/24	22.60	22.52	21.34	22.08
	1/24	22.60	21.70	21.70	21.35		1/49	22.60	22.22	21.46	22.21
	12/0	21.60	20.72	20.92	20.91		25/0	21.60	20.61	21.26	21.12
	12/6	21.60	20.74	20.44	20.64		25/12	21.60	21.07	20.72	20.68
	12/13	21.60	21.25	20.59	20.65		25/25	21.60	21.05	21.21	20.80
	25/0	21.60	20.75	20.76	20.71		50/0	21.60	21.11	20.63	20.75

Hotspot

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	24.10	23.78	23.64	23.60	QPSK	1/0	24.10	23.91	23.71	23.85
	1/12	24.10	23.73	23.66	23.55		1/24	24.10	23.93	23.82	23.90
	1/24	24.10	23.78	23.67	23.56		1/49	24.10	23.97	23.86	23.86
	12/0	23.10	22.70	22.74	22.62		25/0	23.10	22.63	22.57	22.69
	12/6	23.10	22.72	22.63	22.67		25/12	23.10	22.70	22.71	22.63
	12/13	23.10	22.71	22.61	22.68		25/25	23.10	22.62	22.54	22.69
	25/0	23.60	22.72	22.65	22.69		50/0	23.60	22.64	22.47	22.65
16QAM	1/0	23.60	22.44	22.93	22.46	16QAM	1/0	23.60	22.95	23.29	23.22
	1/12	23.60	22.45	22.91	22.59		1/24	23.60	22.95	22.98	23.16
	1/24	23.60	22.36	22.85	22.91		1/49	23.60	23.07	22.95	23.22
	12/0	22.60	21.63	22.10	21.58		25/0	22.60	21.70	22.15	22.19
	12/6	22.60	21.62	21.69	21.77		25/12	22.60	22.16	21.71	21.82
	12/13	22.60	22.11	21.66	21.76		25/25	22.60	21.61	21.58	21.86
	25/0	22.60	21.92	21.77	21.76		50/0	22.60	22.18	21.71	21.65
64QAM	1/0	22.60	21.29	22.40	21.17	64QAM	1/0	22.60	22.10	21.38	22.18
	1/12	22.60	21.29	21.89	21.44		1/24	22.60	22.52	21.34	22.08
	1/24	22.60	21.70	21.70	21.35		1/49	22.60	22.22	21.46	22.21
	12/0	21.60	20.72	20.92	20.91		25/0	21.60	20.61	21.26	21.12
	12/6	21.60	20.74	20.44	20.64		25/12	21.60	21.07	20.72	20.68
	12/13	21.60	21.25	20.59	20.65		25/25	21.60	21.05	21.21	20.80
	25/0	21.60	20.75	20.76	20.71		50/0	21.60	21.11	20.63	20.75

Note:

1) The tested channel results are marks in bold.

12. Conducted power measurement results of LTE B26

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	24.10	23.88	23.87	23.64	QPSK	1/0	24.10	23.90	23.78	23.88
	1/2	24.10	23.92	23.79	23.65		1/7	24.10	23.90	23.76	23.89
	1/5	24.10	23.88	23.73	23.60		1/14	24.10	23.81	23.74	23.82
	3/0	24.10	23.15	23.17	23.18		8/0	23.10	22.20	22.19	22.19
	3/1	24.10	23.13	23.18	23.13		8/3	23.60	22.16	22.23	22.21
	3/3	24.10	23.08	23.11	23.13		8/7	23.60	22.19	22.16	22.16
	6/0	23.60	22.08	22.21	22.19		15/0	23.60	22.15	22.18	22.16
16QAM	1/0	23.60	23.38	23.21	23.55	16QAM	1/0	23.60	23.26	23.01	23.06
	1/2	23.60	23.42	23.25	23.58		1/7	23.60	23.29	23.00	22.96
	1/5	23.60	23.35	23.17	23.47		1/14	23.60	23.21	23.06	23.00
	3/0	23.60	22.30	22.58	22.15		8/0	22.60	21.17	21.32	21.34
	3/1	23.60	22.25	22.54	22.23		8/3	22.60	21.17	21.25	21.37
	3/3	23.60	22.32	22.58	22.17		8/7	22.60	21.14	21.36	21.21
	6/0	22.60	20.93	21.43	21.12		15/0	22.60	21.38	21.17	21.18
64QAM	1/0	22.60	21.36	22.33	21.91	64QAM	1/0	22.60	22.08	21.40	22.41
	1/2	22.60	21.32	22.26	21.85		1/7	22.60	22.05	21.40	22.41
	1/5	22.60	21.33	22.30	21.88		1/14	22.60	22.07	21.47	22.36
	3/0	22.60	21.01	20.95	21.08		8/0	21.60	20.49	20.22	20.31
	3/1	22.60	21.03	21.00	21.06		8/3	21.60	20.45	20.17	20.26
	3/3	22.60	21.04	21.03	21.05		8/7	21.60	20.21	20.38	20.16
	6/0	21.60	20.56	20.27	20.21		15/0	21.60	20.48	20.22	20.28

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	24.10	23.84	23.84	23.57	QPSK	1/0	24.10	24.01	23.73	23.91
	1/12	24.10	23.71	23.87	23.58		1/24	24.10	23.90	23.69	23.87
	1/24	24.10	23.73	23.82	23.51		1/49	24.10	23.97	23.71	23.84
	12/0	23.10	22.11	22.27	22.29		25/0	23.10	22.67	22.97	22.76
	12/6	23.60	22.20	22.26	22.15		25/12	23.60	22.69	22.76	22.70
	12/13	23.60	22.16	22.26	22.12		25/25	23.60	22.72	22.75	22.67
	25/0	23.60	22.08	22.24	22.21		50/0	23.60	22.62	22.74	22.70
16QAM	1/0	23.60	22.52	22.85	23.16	16QAM	1/0	23.60	23.00	23.52	22.98
	1/12	23.60	22.45	22.90	23.00		1/24	23.60	22.99	23.50	22.91
	1/24	23.60	22.45	22.92	23.02		1/49	23.60	23.04	23.53	22.83
	12/0	22.60	21.13	21.23	21.25		25/0	22.60	21.72	21.80	21.83
	12/6	22.60	21.17	21.21	21.29		25/12	22.60	22.14	21.79	21.76
	12/13	22.60	21.17	21.32	21.26		25/25	22.60	21.67	21.88	21.92
	25/0	22.60	21.39	21.24	21.30		50/0	22.60	22.17	21.70	21.70
64QAM	1/0	22.60	21.35	22.56	21.43	64QAM	1/0	22.60	22.11	21.32	21.94
	1/12	22.60	21.31	22.60	21.33		1/24	22.60	22.54	21.35	21.85
	1/24	22.60	21.77	22.43	21.31		1/49	22.60	22.16	21.29	21.92
	12/0	21.60	20.51	20.19	19.99		25/0	21.60	20.62	20.83	21.10
	12/6	21.60	20.21	20.20	20.15		25/12	21.60	21.14	20.75	20.67
	12/13	21.60	20.17	20.43	20.11		25/25	21.60	21.12	20.90	20.73
	25/0	21.60	20.26	20.23	20.19		50/0	21.60	21.14	20.74	20.76

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	24.10	24.03	23.75	23.70
	1/37	24.10	23.87	23.80	23.71
	1/74	24.10	23.95	23.69	23.60
	36/0	23.10	22.71	23.07	22.72
	36/19	23.60	22.65	22.71	22.71
	36/39	23.60	22.73	22.65	22.75
	75/0	23.60	22.65	22.71	22.70
16QAM	1/0	23.60	23.01	23.45	23.59
	1/37	23.60	22.98	23.49	23.51
	1/74	23.60	23.06	23.48	23.56
	36/0	22.60	22.19	22.58	21.66
	36/19	22.60	21.66	21.76	21.71
	36/39	22.60	21.66	21.74	21.57
	75/0	22.60	21.61	21.76	21.62
64QAM	1/0	22.60	22.16	21.35	22.56
	1/37	22.60	22.15	21.36	22.54
	1/74	22.60	22.20	21.36	22.53
	36/0	21.60	21.15	21.36	21.09
	36/19	21.60	21.15	20.77	21.07
	36/39	21.60	21.07	21.24	20.61
	75/0	21.60	21.19	20.69	21.22

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	24.10	23.88	23.87	23.64	QPSK	1/0	24.10	23.90	23.78	23.88
	1/2	24.10	23.92	23.79	23.65		1/7	24.10	23.90	23.76	23.89
	1/5	24.10	23.88	23.73	23.60		1/14	24.10	23.81	23.74	23.82
	3/0	24.10	23.15	23.17	23.18		8/0	23.10	22.20	22.19	22.19
	3/1	24.10	23.13	23.18	23.13		8/3	23.60	22.16	22.23	22.21
	3/3	24.10	23.08	23.11	23.13		8/7	23.60	22.19	22.16	22.16
	6/0	23.60	22.08	22.21	22.19		15/0	23.60	22.15	22.18	22.16
16QAM	1/0	23.60	23.38	23.21	23.55	16QAM	1/0	23.60	23.26	23.01	23.06
	1/2	23.60	23.42	23.25	23.58		1/7	23.60	23.29	23.00	22.96
	1/5	23.60	23.35	23.17	23.47		1/14	23.60	23.21	23.06	23.00
	3/0	23.60	22.30	22.58	22.15		8/0	22.60	21.17	21.32	21.34
	3/1	23.60	22.25	22.54	22.23		8/3	22.60	21.17	21.25	21.37
	3/3	23.60	22.32	22.58	22.17		8/7	22.60	21.14	21.36	21.21
	6/0	22.60	20.93	21.43	21.12		15/0	22.60	21.38	21.17	21.18
64QAM	1/0	22.60	21.36	22.33	21.91	64QAM	1/0	22.60	22.08	21.40	22.41
	1/2	22.60	21.32	22.26	21.85		1/7	22.60	22.05	21.40	22.41
	1/5	22.60	21.33	22.30	21.88		1/14	22.60	22.07	21.47	22.36
	3/0	22.60	21.01	20.95	21.08		8/0	21.60	20.49	20.22	20.31
	3/1	22.60	21.03	21.00	21.06		8/3	21.60	20.45	20.17	20.26
	3/3	22.60	21.04	21.03	21.05		8/7	21.60	20.21	20.38	20.16
	6/0	21.60	20.56	20.27	20.21		15/0	21.60	20.48	20.22	20.28

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	24.10	23.84	23.84	23.57	QPSK	1/0	24.10	24.01	23.73	23.91
	1/12	24.10	23.71	23.87	23.58		1/24	24.10	23.90	23.69	23.87
	1/24	24.10	23.73	23.82	23.51		1/49	24.10	23.97	23.71	23.84
	12/0	23.10	22.11	22.27	22.29		25/0	23.10	22.67	22.97	22.76
	12/6	23.60	22.20	22.26	22.15		25/12	23.60	22.69	22.76	22.70
	12/13	23.60	22.16	22.26	22.12		25/25	23.60	22.72	22.75	22.67
	25/0	23.60	22.08	22.24	22.21		50/0	23.60	22.62	22.74	22.70
16QAM	1/0	23.60	22.52	22.85	23.16	16QAM	1/0	23.60	23.00	23.52	22.98
	1/12	23.60	22.45	22.90	23.00		1/24	23.60	22.99	23.50	22.91
	1/24	23.60	22.45	22.92	23.02		1/49	23.60	23.04	23.53	22.83
	12/0	22.60	21.13	21.23	21.25		25/0	22.60	21.72	21.80	21.83
	12/6	22.60	21.17	21.21	21.29		25/12	22.60	22.14	21.79	21.76
	12/13	22.60	21.17	21.32	21.26		25/25	22.60	21.67	21.88	21.92
	25/0	22.60	21.39	21.24	21.30		50/0	22.60	22.17	21.70	21.70
64QAM	1/0	22.60	21.35	22.56	21.43	64QAM	1/0	22.60	22.11	21.32	21.94
	1/12	22.60	21.31	22.60	21.33		1/24	22.60	22.54	21.35	21.85
	1/24	22.60	21.77	22.43	21.31		1/49	22.60	22.16	21.29	21.92
	12/0	21.60	20.51	20.19	19.99		25/0	21.60	20.62	20.83	21.10
	12/6	21.60	20.21	20.20	20.15		25/12	21.60	21.14	20.75	20.67
	12/13	21.60	20.17	20.43	20.11		25/25	21.60	21.12	20.90	20.73
	25/0	21.60	20.26	20.23	20.19		50/0	21.60	21.14	20.74	20.76

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	24.10	24.03	23.75	23.70
	1/37	24.10	23.87	23.80	23.71
	1/74	24.10	23.95	23.69	23.60
	36/0	23.10	22.71	23.07	22.72
	36/19	23.60	22.65	22.71	22.71
	36/39	23.60	22.73	22.65	22.75
	75/0	23.60	22.65	22.71	22.70
16QAM	1/0	23.60	23.01	23.45	23.59
	1/37	23.60	22.98	23.49	23.51
	1/74	23.60	23.06	23.48	23.56
	36/0	22.60	22.19	22.58	21.66
	36/19	22.60	21.66	21.76	21.71
	36/39	22.60	21.66	21.74	21.57
	75/0	22.60	21.61	21.76	21.62
64QAM	1/0	22.60	22.16	21.35	22.56
	1/37	22.60	22.15	21.36	22.54
	1/74	22.60	22.20	21.36	22.53
	36/0	21.60	21.15	21.36	21.09
	36/19	21.60	21.15	20.77	21.07
	36/39	21.60	21.07	21.24	20.61
	75/0	21.60	21.19	20.69	21.22

Hotspot

LTE B26/BW=1.4M		Average Conducted Power(dBm)				LTE B26/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			26697/814.7	26865/831	27033/848.3				26705/815.5	26865/831	27025/847.5
QPSK	1/0	24.10	23.88	23.87	23.64	QPSK	1/0	24.10	23.90	23.78	23.88
	1/2	24.10	23.92	23.79	23.65		1/7	24.10	23.90	23.76	23.89
	1/5	24.10	23.88	23.73	23.60		1/14	24.10	23.81	23.74	23.82
	3/0	24.10	23.15	23.17	23.18		8/0	23.10	22.20	22.19	22.19
	3/1	24.10	23.13	23.18	23.13		8/3	23.60	22.16	22.23	22.21
	3/3	24.10	23.08	23.11	23.13		8/7	23.60	22.19	22.16	22.16
	6/0	23.60	22.08	22.21	22.19		15/0	23.60	22.15	22.18	22.16
16QAM	1/0	23.60	23.38	23.21	23.55	16QAM	1/0	23.60	23.26	23.01	23.06
	1/2	23.60	23.42	23.25	23.58		1/7	23.60	23.29	23.00	22.96
	1/5	23.60	23.35	23.17	23.47		1/14	23.60	23.21	23.06	23.00
	3/0	23.60	22.30	22.58	22.15		8/0	22.60	21.17	21.32	21.34
	3/1	23.60	22.25	22.54	22.23		8/3	22.60	21.17	21.25	21.37
	3/3	23.60	22.32	22.58	22.17		8/7	22.60	21.14	21.36	21.21
	6/0	22.60	20.93	21.43	21.12		15/0	22.60	21.38	21.17	21.18
64QAM	1/0	22.60	21.36	22.33	21.91	64QAM	1/0	22.60	22.08	21.40	22.41
	1/2	22.60	21.32	22.26	21.85		1/7	22.60	22.05	21.40	22.41
	1/5	22.60	21.33	22.30	21.88		1/14	22.60	22.07	21.47	22.36
	3/0	22.60	21.01	20.95	21.08		8/0	21.60	20.49	20.22	20.31
	3/1	22.60	21.03	21.00	21.06		8/3	21.60	20.45	20.17	20.26
	3/3	22.60	21.04	21.03	21.05		8/7	21.60	20.21	20.38	20.16
	6/0	21.60	20.56	20.27	20.21		15/0	21.60	20.48	20.22	20.28

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	24.10	23.84	23.84	23.57	QPSK	1/0	24.10	24.01	23.73	23.91
	1/12	24.10	23.71	23.87	23.58		1/24	24.10	23.90	23.69	23.87
	1/24	24.10	23.73	23.82	23.51		1/49	24.10	23.97	23.71	23.84
	12/0	23.10	22.11	22.27	22.29		25/0	23.10	22.67	22.97	22.76
	12/6	23.60	22.20	22.26	22.15		25/12	23.60	22.69	22.76	22.70
	12/13	23.60	22.16	22.26	22.12		25/25	23.60	22.72	22.75	22.67
	25/0	23.60	22.08	22.24	22.21		50/0	23.60	22.62	22.74	22.70
16QAM	1/0	23.60	22.52	22.85	23.16	16QAM	1/0	23.60	23.00	23.52	22.98
	1/12	23.60	22.45	22.90	23.00		1/24	23.60	22.99	23.50	22.91
	1/24	23.60	22.45	22.92	23.02		1/49	23.60	23.04	23.53	22.83
	12/0	22.60	21.13	21.23	21.25		25/0	22.60	21.72	21.80	21.83
	12/6	22.60	21.17	21.21	21.29		25/12	22.60	22.14	21.79	21.76
	12/13	22.60	21.17	21.32	21.26		25/25	22.60	21.67	21.88	21.92
	25/0	22.60	21.39	21.24	21.30		50/0	22.60	22.17	21.70	21.70
64QAM	1/0	22.60	21.35	22.56	21.43	64QAM	1/0	22.60	22.11	21.32	21.94
	1/12	22.60	21.31	22.60	21.33		1/24	22.60	22.54	21.35	21.85
	1/24	22.60	21.77	22.43	21.31		1/49	22.60	22.16	21.29	21.92
	12/0	21.60	20.51	20.19	19.99		25/0	21.60	20.62	20.83	21.10
	12/6	21.60	20.21	20.20	20.15		25/12	21.60	21.14	20.75	20.67
	12/13	21.60	20.17	20.43	20.11		25/25	21.60	21.12	20.90	20.73
	25/0	21.60	20.26	20.23	20.19		50/0	21.60	21.14	20.74	20.76

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	24.10	24.03	23.75	23.70
	1/37	24.10	23.87	23.80	23.71
	1/74	24.10	23.95	23.69	23.60
	36/0	23.10	22.71	23.07	22.72
	36/19	23.60	22.65	22.71	22.71
	36/39	23.60	22.73	22.65	22.75
	75/0	23.60	22.65	22.71	22.70
16QAM	1/0	23.60	23.01	23.45	23.59
	1/37	23.60	22.98	23.49	23.51
	1/74	23.60	23.06	23.48	23.56
	36/0	22.60	22.19	22.58	21.66
	36/19	22.60	21.66	21.76	21.71
	36/39	22.60	21.66	21.74	21.57
	75/0	22.60	21.61	21.76	21.62
64QAM	1/0	22.60	22.16	21.35	22.56
	1/37	22.60	22.15	21.36	22.54
	1/74	22.60	22.20	21.36	22.53
	36/0	21.60	21.15	21.36	21.09
	36/19	21.60	21.15	20.77	21.07
	36/39	21.60	21.07	21.24	20.61
	75/0	21.60	21.19	20.69	21.22

Note:

1) The tested channel results are marks in bold.

13. Conducted power measurement results of LTE B38

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	23.80	22.50	22.57	22.64	QPSK	1/0	23.80	22.82	22.52	22.54
	1/12	23.80	22.49	22.59	22.56		1/24	23.80	22.73	22.58	22.58
	1/24	23.80	22.49	22.51	22.64		1/49	23.80	22.81	22.60	22.63
	12/0	23.30	21.73	21.66	21.63		25/0	23.30	21.73	21.65	21.56
	12/6	23.30	21.87	21.67	21.68		25/12	23.30	21.82	21.53	21.73
	12/13	23.30	21.79	21.56	21.70		25/25	23.30	21.78	21.58	21.79
	25/0	23.30	21.72	21.52	21.58		50/0	23.30	21.83	21.55	21.78
16QAM	1/0	23.30	22.08	22.51	23.05	16QAM	1/0	23.30	22.95	22.61	23.00
	1/12	23.30	22.12	22.48	23.11		1/24	23.30	22.93	22.63	22.74
	1/24	23.30	22.04	22.49	23.07		1/49	23.30	22.95	22.68	22.81
	12/0	22.30	21.66	21.53	21.70		25/0	22.30	21.90	21.62	21.73
	12/6	22.30	21.66	21.52	21.75		25/12	22.30	21.85	21.62	21.74
	12/13	22.30	21.70	21.54	21.75		25/25	22.30	21.83	21.60	21.76
	25/0	22.30	21.74	21.77	21.90		50/0	22.30	21.74	21.80	21.76
64QAM	1/0	22.30	21.16	22.00	21.40	64QAM	1/0	22.30	21.93	22.10	22.09
	1/12	22.30	21.19	22.06	21.35		1/24	22.30	21.91	21.59	21.85
	1/24	22.30	21.27	22.27	21.38		1/49	22.30	22.04	22.09	22.16
	12/0	21.30	19.55	19.72	19.34		25/0	21.30	19.68	19.74	19.55
	12/6	21.30	19.69	19.83	19.40		25/12	21.30	19.74	19.75	19.57
	12/13	21.30	19.61	19.74	19.46		25/25	21.30	19.87	19.83	19.59
	25/0	21.30	19.60	19.57	19.44		50/0	21.30	19.74	19.79	19.62

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	23.80	22.75	22.55	22.87	QPSK	1/0	23.80	22.36	23.16	22.35
	1/37	23.80	22.80	22.56	22.78		1/50	23.80	22.45	23.08	22.46
	1/74	23.80	22.76	22.51	22.81		1/99	23.80	22.40	23.08	22.86
	36/0	23.30	21.80	21.68	21.62		50/0	23.30	21.69	21.67	21.60
	36/19	23.30	21.83	21.62	21.55		50/25	23.30	21.58	21.65	21.53
	36/39	23.30	21.80	21.54	21.68		50/50	23.30	21.58	21.76	21.51
	75/0	23.30	21.86	21.54	21.57		100/0	23.30	21.68	21.83	21.60
16QAM	1/0	23.30	23.03	22.64	22.81	16QAM	1/0	23.30	22.95	22.93	23.02
	1/37	23.30	22.98	22.58	22.73		1/50	23.30	22.83	22.66	22.72
	1/74	23.30	23.11	22.55	22.83		1/99	23.30	22.86	22.87	23.07
	36/0	22.30	21.59	21.70	21.61		50/0	22.30	21.76	21.60	21.82
	36/19	22.30	21.60	21.70	21.66		50/25	22.30	21.77	21.69	21.73
	36/39	22.30	21.58	21.77	21.55		50/50	22.30	21.78	21.61	21.77
	75/0	22.30	21.78	21.67	21.79		100/0	22.30	21.75	21.64	21.68
64QAM	1/0	22.30	22.00	22.15	22.26	64QAM	1/0	22.30	22.22	22.20	22.09
	1/37	22.30	21.96	22.05	22.23		1/50	22.30	22.14	22.17	22.20
	1/74	22.30	21.94	21.80	22.05		1/99	22.30	22.25	22.24	22.11
	36/0	21.30	19.78	19.97	19.70		50/0	21.30	19.90	20.20	20.23
	36/19	21.30	19.68	19.79	19.52		50/25	21.30	19.67	19.83	19.82
	36/39	21.30	19.65	19.74	19.41		50/50	21.30	19.68	19.85	19.81
	75/0	21.30	19.64	19.81	19.60		100/0	21.30	19.75	20.01	20.02

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	23.80	22.50	22.57	22.64	QPSK	1/0	23.80	22.82	22.52	22.54
	1/12	23.80	22.49	22.59	22.56		1/24	23.80	22.73	22.58	22.58
	1/24	23.80	22.49	22.51	22.64		1/49	23.80	22.81	22.60	22.63
	12/0	23.30	21.73	21.66	21.63		25/0	23.30	21.73	21.65	21.56
	12/6	23.30	21.87	21.67	21.68		25/12	23.30	21.82	21.53	21.73
	12/13	23.30	21.79	21.56	21.70		25/25	23.30	21.78	21.58	21.79
	25/0	23.30	21.72	21.52	21.58		50/0	23.30	21.83	21.55	21.78
16QAM	1/0	23.30	22.08	22.51	23.05	16QAM	1/0	23.30	22.95	22.61	23.00
	1/12	23.30	22.12	22.48	23.11		1/24	23.30	22.93	22.63	22.74
	1/24	23.30	22.04	22.49	23.07		1/49	23.30	22.95	22.68	22.81
	12/0	22.30	21.66	21.53	21.70		25/0	22.30	21.90	21.62	21.73
	12/6	22.30	21.66	21.52	21.75		25/12	22.30	21.85	21.62	21.74
	12/13	22.30	21.70	21.54	21.75		25/25	22.30	21.83	21.60	21.76
	25/0	22.30	21.74	21.77	21.90		50/0	22.30	21.74	21.80	21.76
64QAM	1/0	22.30	21.16	22.00	21.40	64QAM	1/0	22.30	21.93	22.10	22.09
	1/12	22.30	21.19	22.06	21.35		1/24	22.30	21.91	21.59	21.85
	1/24	22.30	21.27	22.27	21.38		1/49	22.30	22.04	22.09	22.16
	12/0	21.30	19.55	19.72	19.34		25/0	21.30	19.68	19.74	19.55
	12/6	21.30	19.69	19.83	19.40		25/12	21.30	19.74	19.75	19.57
	12/13	21.30	19.61	19.74	19.46		25/25	21.30	19.87	19.83	19.59
	25/0	21.30	19.60	19.57	19.44		50/0	21.30	19.74	19.79	19.62

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	23.80	22.75	22.55	22.87	QPSK	1/0	23.80	22.36	23.16	22.35
	1/37	23.80	22.80	22.56	22.78		1/50	23.80	22.45	23.08	22.46
	1/74	23.80	22.76	22.51	22.81		1/99	23.80	22.40	23.08	22.86
	36/0	23.30	21.80	21.68	21.62		50/0	23.30	21.69	21.67	21.60
	36/19	23.30	21.83	21.62	21.55		50/25	23.30	21.58	21.65	21.53
	36/39	23.30	21.80	21.54	21.68		50/50	23.30	21.58	21.76	21.51
	75/0	23.30	21.86	21.54	21.57		100/0	23.30	21.68	21.83	21.60
16QAM	1/0	23.30	23.03	22.64	22.81	16QAM	1/0	23.30	22.95	22.93	23.02
	1/37	23.30	22.98	22.58	22.73		1/50	23.30	22.83	22.66	22.72
	1/74	23.30	23.11	22.55	22.83		1/99	23.30	22.86	22.87	23.07
	36/0	22.30	21.59	21.70	21.61		50/0	22.30	21.76	21.60	21.82
	36/19	22.30	21.60	21.70	21.66		50/25	22.30	21.77	21.69	21.73
	36/39	22.30	21.58	21.77	21.55		50/50	22.30	21.78	21.61	21.77
	75/0	22.30	21.78	21.67	21.79		100/0	22.30	21.75	21.64	21.68
64QAM	1/0	22.30	22.00	22.15	22.26	64QAM	1/0	22.30	22.22	22.20	22.09
	1/37	22.30	21.96	22.05	22.23		1/50	22.30	22.14	22.17	22.20
	1/74	22.30	21.94	21.80	22.05		1/99	22.30	22.25	22.24	22.11
	36/0	21.30	19.78	19.97	19.70		50/0	21.30	19.90	20.20	20.23
	36/19	21.30	19.68	19.79	19.52		50/25	21.30	19.67	19.83	19.82
	36/39	21.30	19.65	19.74	19.41		50/50	21.30	19.68	19.85	19.81
	75/0	21.30	19.64	19.81	19.60		100/0	21.30	19.75	20.01	20.02

Hotspot

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	23.80	22.50	22.57	22.64	QPSK	1/0	23.80	22.82	22.52	22.54
	1/12	23.80	22.49	22.59	22.56		1/24	23.80	22.73	22.58	22.58
	1/24	23.80	22.49	22.51	22.64		1/49	23.80	22.81	22.60	22.63
	12/0	23.30	21.73	21.66	21.63		25/0	23.30	21.73	21.65	21.56
	12/6	23.30	21.87	21.67	21.68		25/12	23.30	21.82	21.53	21.73
	12/13	23.30	21.79	21.56	21.70		25/25	23.30	21.78	21.58	21.79
	25/0	23.30	21.72	21.52	21.58		50/0	23.30	21.83	21.55	21.78
16QAM	1/0	23.30	22.08	22.51	23.05	16QAM	1/0	23.30	22.95	22.61	23.00
	1/12	23.30	22.12	22.48	23.11		1/24	23.30	22.93	22.63	22.74
	1/24	23.30	22.04	22.49	23.07		1/49	23.30	22.95	22.68	22.81
	12/0	22.30	21.66	21.53	21.70		25/0	22.30	21.90	21.62	21.73
	12/6	22.30	21.66	21.52	21.75		25/12	22.30	21.85	21.62	21.74
	12/13	22.30	21.70	21.54	21.75		25/25	22.30	21.83	21.60	21.76
	25/0	22.30	21.74	21.77	21.90		50/0	22.30	21.74	21.80	21.76
64QAM	1/0	22.30	21.16	22.00	21.40	64QAM	1/0	22.30	21.93	22.10	22.09
	1/12	22.30	21.19	22.06	21.35		1/24	22.30	21.91	21.59	21.85
	1/24	22.30	21.27	22.27	21.38		1/49	22.30	22.04	22.09	22.16
	12/0	21.30	19.55	19.72	19.34		25/0	21.30	19.68	19.74	19.55
	12/6	21.30	19.69	19.83	19.40		25/12	21.30	19.74	19.75	19.57
	12/13	21.30	19.61	19.74	19.46		25/25	21.30	19.87	19.83	19.59
	25/0	21.30	19.60	19.57	19.44		50/0	21.30	19.74	19.79	19.62

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	23.80	22.75	22.55	22.87	QPSK	1/0	23.80	22.36	23.16	22.35
	1/37	23.80	22.80	22.56	22.78		1/50	23.80	22.45	23.08	22.46
	1/74	23.80	22.76	22.51	22.81		1/99	23.80	22.40	23.08	22.86
	36/0	23.30	21.80	21.68	21.62		50/0	23.30	21.69	21.67	21.60
	36/19	23.30	21.83	21.62	21.55		50/25	23.30	21.58	21.65	21.53
	36/39	23.30	21.80	21.54	21.68		50/50	23.30	21.58	21.76	21.51
	75/0	23.30	21.86	21.54	21.57		100/0	23.30	21.68	21.83	21.60
16QAM	1/0	23.30	23.03	22.64	22.81	16QAM	1/0	23.30	22.95	22.93	23.02
	1/37	23.30	22.98	22.58	22.73		1/50	23.30	22.83	22.66	22.72
	1/74	23.30	23.11	22.55	22.83		1/99	23.30	22.86	22.87	23.07
	36/0	22.30	21.59	21.70	21.61		50/0	22.30	21.76	21.60	21.82
	36/19	22.30	21.60	21.70	21.66		50/25	22.30	21.77	21.69	21.73
	36/39	22.30	21.58	21.77	21.55		50/50	22.30	21.78	21.61	21.77
	75/0	22.30	21.78	21.67	21.79		100/0	22.30	21.75	21.64	21.68
64QAM	1/0	22.30	22.00	22.15	22.26	64QAM	1/0	22.30	22.22	22.20	22.09
	1/37	22.30	21.96	22.05	22.23		1/50	22.30	22.14	22.17	22.20
	1/74	22.30	21.94	21.80	22.05		1/99	22.30	22.25	22.24	22.11
	36/0	21.30	19.78	19.97	19.70		50/0	21.30	19.90	20.20	20.23
	36/19	21.30	19.68	19.79	19.52		50/25	21.30	19.67	19.83	19.82
	36/39	21.30	19.65	19.74	19.41		50/50	21.30	19.68	19.85	19.81
	75/0	21.30	19.64	19.81	19.60		100/0	21.30	19.75	20.01	20.02

Note:

1) The tested channel results are marks in bold.

14. Conducted power measurement results of LTE B41

Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40065/2537.5	40440/2575	40840/2615	41215/2652.5
QPSK	1/0	23.80	23.09	23.09	23.08	22.94
	1/12	23.80	23.06	23.02	23.11	22.95
	1/24	23.80	23.01	23.00	23.17	22.93
	12/0	23.30	22.30	22.27	22.10	22.16
	12/6	23.30	22.22	22.27	22.07	22.15
	12/13	23.30	22.18	22.17	22.21	22.15
	25/0	23.30	22.31	22.14	22.15	22.06
16QAM	1/0	23.30	22.01	21.93	22.98	23.15
	1/12	23.30	22.06	22.07	23.00	23.09
	1/24	23.30	22.04	21.95	22.96	23.06
	12/0	22.30	21.70	21.60	21.72	21.84
	12/6	22.30	21.66	21.60	21.74	21.77
	12/13	22.30	21.62	21.63	21.75	21.81
	25/0	22.30	21.70	21.68	21.87	21.91
64QAM	1/0	22.30	21.79	21.13	21.14	21.22
	1/12	22.30	21.84	21.25	21.16	21.16
	1/24	22.30	21.92	21.18	21.23	21.23
	12/0	21.30	19.36	19.38	19.49	19.41
	12/6	21.30	19.53	19.51	19.59	19.49
	12/13	21.30	19.49	19.42	19.48	19.35
	25/0	21.30	19.45	19.42	19.42	19.31

LTE B41/BW=10M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40090/2540	40440/2575	40840/2615	41190/2650
QPSK	1/0	23.80	23.22	23.22	22.97	23.04
	1/24	23.80	23.19	23.20	22.92	23.07
	1/49	23.80	23.22	23.19	22.99	23.06
	25/0	23.30	22.03	22.19	22.07	22.18
	25/12	23.30	22.10	22.26	22.08	22.12
	25/25	23.30	22.09	22.26	22.13	22.13
	50/0	23.30	22.10	22.17	22.09	22.15
16QAM	1/0	23.30	23.17	23.03	23.16	23.17
	1/24	23.30	23.19	23.19	23.17	23.21
	1/49	23.30	23.23	23.21	23.09	23.03
	25/0	22.30	21.83	21.80	21.68	21.72
	25/12	22.30	21.85	21.79	21.57	21.69
	25/25	22.30	21.73	21.78	21.71	21.72
	50/0	22.30	21.61	21.58	21.71	21.73
64QAM	1/0	22.30	21.45	21.89	21.85	21.86
	1/24	22.30	21.46	21.84	22.23	22.24
	1/49	22.30	21.52	21.92	22.24	22.19
	25/0	21.30	19.36	19.51	19.37	19.41
	25/12	21.30	19.36	19.57	19.39	19.41
	25/25	21.30	19.64	19.70	19.41	19.43
	50/0	21.30	19.37	19.57	19.44	19.46

LTE B41/BW=15M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40115/2542.5	40440/2575	40840/2615	41165/2647.5
QPSK	1/0	23.80	23.25	23.16	23.18	23.23
	1/37	23.80	23.25	23.10	23.19	23.18
	1/74	23.80	23.20	23.11	23.19	23.07
	36/0	23.30	22.16	22.20	22.09	22.13
	36/19	23.30	22.13	22.21	22.04	22.12
	36/39	23.30	22.09	22.20	22.20	22.11
	75/0	23.30	22.15	22.25	22.07	22.16
16QAM	1/0	23.30	23.23	23.10	22.73	23.08
	1/37	23.30	23.16	23.20	22.75	23.02
	1/74	23.30	23.16	23.18	22.70	22.88
	36/0	22.30	21.63	21.48	21.56	21.69
	36/19	22.30	21.62	21.55	21.51	21.70
	36/39	22.30	21.58	21.50	21.52	21.66
	75/0	22.30	21.67	21.80	21.63	21.77
64QAM	1/0	22.30	21.54	22.22	21.64	21.88
	1/37	22.30	21.45	22.29	21.66	21.85
	1/74	22.30	21.42	22.27	21.66	21.91
	36/0	21.30	19.31	19.59	19.65	19.40
	36/19	21.30	19.44	19.48	19.48	19.46
	36/39	21.30	19.63	19.49	19.36	19.35
	75/0	21.30	19.40	19.58	19.46	19.32

LTE B41/BW=20M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40140/2545	40440/2575	40840/2615	41140/2645
QPSK	1/0	23.80	23.27	22.92	23.04	23.21
	1/50	23.80	23.24	22.91	23.04	23.18
	1/99	23.80	23.18	22.93	23.01	23.28
	50/0	23.30	22.36	22.24	22.12	22.24
	50/25	23.30	22.39	22.11	22.17	22.27
	50/50	23.30	22.31	22.17	22.10	22.30
	100/0	23.30	22.34	22.26	22.16	22.24
16QAM	1/0	23.30	22.34	22.86	22.31	23.02
	1/50	23.30	22.35	22.78	22.35	22.84
	1/99	23.30	22.28	22.74	22.32	23.06
	50/0	22.30	21.81	21.83	21.79	21.86
	50/25	22.30	21.75	21.84	21.71	21.86
	50/50	22.30	21.79	21.76	21.73	21.92
	100/0	22.30	21.67	21.74	21.68	21.77
64QAM	1/0	22.30	22.05	22.30	21.75	22.30
	1/50	22.30	22.07	22.16	22.03	22.26
	1/99	22.30	22.11	22.18	22.05	22.23
	50/0	21.30	19.42	19.86	19.89	19.49
	50/25	21.30	19.48	19.63	19.56	19.34
	50/50	21.30	19.66	19.70	19.47	19.48
	100/0	21.30	19.51	19.74	19.68	19.40

Receiver off

LTE B41/BW=5M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40065/2537.5	40440/2575	40840/2615	41215/2652.5
QPSK	1/0	23.80	23.09	23.09	23.08	22.94
	1/12	23.80	23.06	23.02	23.11	22.95
	1/24	23.80	23.01	23.00	23.17	22.93
	12/0	23.30	22.30	22.27	22.10	22.16
	12/6	23.30	22.22	22.27	22.07	22.15
	12/13	23.30	22.18	22.17	22.21	22.15
	25/0	23.30	22.31	22.14	22.15	22.06
16QAM	1/0	23.30	22.01	21.93	22.98	23.15
	1/12	23.30	22.06	22.07	23.00	23.09
	1/24	23.30	22.04	21.95	22.96	23.06
	12/0	22.30	21.70	21.60	21.72	21.84
	12/6	22.30	21.66	21.60	21.74	21.77
	12/13	22.30	21.62	21.63	21.75	21.81
	25/0	22.30	21.70	21.68	21.87	21.91
64QAM	1/0	22.30	21.79	21.13	21.14	21.22
	1/12	22.30	21.84	21.25	21.16	21.16
	1/24	22.30	21.92	21.18	21.23	21.23
	12/0	21.30	19.36	19.38	19.49	19.41
	12/6	21.30	19.53	19.51	19.59	19.49
	12/13	21.30	19.49	19.42	19.48	19.35
	25/0	21.30	19.45	19.42	19.42	19.31

LTE B41/BW=10M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40090/2540	40440/2575	40840/2615	41190/2650
QPSK	1/0	23.80	23.22	23.22	22.97	23.04
	1/24	23.80	23.19	23.20	22.92	23.07
	1/49	23.80	23.22	23.19	22.99	23.06
	25/0	23.30	22.03	22.19	22.07	22.18
	25/12	23.30	22.10	22.26	22.08	22.12
	25/25	23.30	22.09	22.26	22.13	22.13
	50/0	23.30	22.10	22.17	22.09	22.15
16QAM	1/0	23.30	23.17	23.03	23.16	23.17
	1/24	23.30	23.19	23.19	23.17	23.21
	1/49	23.30	23.23	23.21	23.09	23.03
	25/0	22.30	21.83	21.80	21.68	21.72
	25/12	22.30	21.85	21.79	21.57	21.69
	25/25	22.30	21.73	21.78	21.71	21.72
	50/0	22.30	21.61	21.58	21.71	21.73
64QAM	1/0	22.30	21.45	21.89	21.85	21.86
	1/24	22.30	21.46	21.84	22.23	22.24
	1/49	22.30	21.52	21.92	22.24	22.19
	25/0	21.30	19.36	19.51	19.37	19.41
	25/12	21.30	19.36	19.57	19.39	19.41
	25/25	21.30	19.64	19.70	19.41	19.43
	50/0	21.30	19.37	19.57	19.44	19.46

LTE B41/BW=15M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40115/2542.5	40440/2575	40840/2615	41165/2647.5
QPSK	1/0	23.80	23.25	23.16	23.18	23.23
	1/37	23.80	23.25	23.10	23.19	23.18
	1/74	23.80	23.20	23.11	23.19	23.07
	36/0	23.30	22.16	22.20	22.09	22.13
	36/19	23.30	22.13	22.21	22.04	22.12
	36/39	23.30	22.09	22.20	22.20	22.11
	75/0	23.30	22.15	22.25	22.07	22.16
16QAM	1/0	23.30	23.23	23.10	22.73	23.08
	1/37	23.30	23.16	23.20	22.75	23.02
	1/74	23.30	23.16	23.18	22.70	22.88
	36/0	22.30	21.63	21.48	21.56	21.69
	36/19	22.30	21.62	21.55	21.51	21.70
	36/39	22.30	21.58	21.50	21.52	21.66
	75/0	22.30	21.67	21.80	21.63	21.77
64QAM	1/0	22.30	21.54	22.22	21.64	21.88
	1/37	22.30	21.45	22.29	21.66	21.85
	1/74	22.30	21.42	22.27	21.66	21.91
	36/0	21.30	19.31	19.59	19.65	19.40
	36/19	21.30	19.44	19.48	19.48	19.46
	36/39	21.30	19.63	19.49	19.36	19.35
	75/0	21.30	19.40	19.58	19.46	19.32

LTE B41/BW=20M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40140/2545	40440/2575	40840/2615	41140/2645
QPSK	1/0	23.80	23.27	22.92	23.04	23.21
	1/50	23.80	23.24	22.91	23.04	23.18
	1/99	23.80	23.18	22.93	23.01	23.28
	50/0	23.30	22.36	22.24	22.12	22.24
	50/25	23.30	22.39	22.11	22.17	22.27
	50/50	23.30	22.31	22.17	22.10	22.30
	100/0	23.30	22.34	22.26	22.16	22.24
16QAM	1/0	23.30	22.34	22.86	22.31	23.02
	1/50	23.30	22.35	22.78	22.35	22.84
	1/99	23.30	22.28	22.74	22.32	23.06
	50/0	22.30	21.81	21.83	21.79	21.86
	50/25	22.30	21.75	21.84	21.71	21.86
	50/50	22.30	21.79	21.76	21.73	21.92
	100/0	22.30	21.67	21.74	21.68	21.77
64QAM	1/0	22.30	22.05	22.30	21.75	22.30
	1/50	22.30	22.07	22.16	22.03	22.26
	1/99	22.30	22.11	22.18	22.05	22.23
	50/0	21.30	19.42	19.86	19.89	19.49
	50/25	21.30	19.48	19.63	19.56	19.34
	50/50	21.30	19.66	19.70	19.47	19.48
	100/0	21.30	19.51	19.74	19.68	19.40

Hotspot

LTE B41/BW=5M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40065/2537.5	40440/2575	40840/2615	41215/2652.5
QPSK	1/0	23.80	23.09	23.09	23.08	22.94
	1/12	23.80	23.06	23.02	23.11	22.95
	1/24	23.80	23.01	23.00	23.17	22.93
	12/0	23.30	22.30	22.27	22.10	22.16
	12/6	23.30	22.22	22.27	22.07	22.15
	12/13	23.30	22.18	22.17	22.21	22.15
	25/0	23.30	22.31	22.14	22.15	22.06
16QAM	1/0	23.30	22.01	21.93	22.98	23.15
	1/12	23.30	22.06	22.07	23.00	23.09
	1/24	23.30	22.04	21.95	22.96	23.06
	12/0	22.30	21.70	21.60	21.72	21.84
	12/6	22.30	21.66	21.60	21.74	21.77
	12/13	22.30	21.62	21.63	21.75	21.81
	25/0	22.30	21.70	21.68	21.87	21.91
64QAM	1/0	22.30	21.79	21.13	21.14	21.22
	1/12	22.30	21.84	21.25	21.16	21.16
	1/24	22.30	21.92	21.18	21.23	21.23
	12/0	21.30	19.36	19.38	19.49	19.41
	12/6	21.30	19.53	19.51	19.59	19.49
	12/13	21.30	19.49	19.42	19.48	19.35
	25/0	21.30	19.45	19.42	19.42	19.31

LTE B41/BW=10M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40090/2540	40440/2575	40840/2615	41190/2650
QPSK	1/0	23.80	23.22	23.22	22.97	23.04
	1/24	23.80	23.19	23.20	22.92	23.07
	1/49	23.80	23.22	23.19	22.99	23.06
	25/0	23.30	22.03	22.19	22.07	22.18
	25/12	23.30	22.10	22.26	22.08	22.12
	25/25	23.30	22.09	22.26	22.13	22.13
	50/0	23.30	22.10	22.17	22.09	22.15
16QAM	1/0	23.30	23.17	23.03	23.16	23.17
	1/24	23.30	23.19	23.19	23.17	23.21
	1/49	23.30	23.23	23.21	23.09	23.03
	25/0	22.30	21.83	21.80	21.68	21.72
	25/12	22.30	21.85	21.79	21.57	21.69
	25/25	22.30	21.73	21.78	21.71	21.72
	50/0	22.30	21.61	21.58	21.71	21.73
64QAM	1/0	22.30	21.45	21.89	21.85	21.86
	1/24	22.30	21.46	21.84	22.23	22.24
	1/49	22.30	21.52	21.92	22.24	22.19
	25/0	21.30	19.36	19.51	19.37	19.41
	25/12	21.30	19.36	19.57	19.39	19.41
	25/25	21.30	19.64	19.70	19.41	19.43
	50/0	21.30	19.37	19.57	19.44	19.46

LTE B41/BW=15M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40115/2542.5	40440/2575	40840/2615	41165/2647.5
QPSK	1/0	23.80	23.25	23.16	23.18	23.23
	1/37	23.80	23.25	23.10	23.19	23.18
	1/74	23.80	23.20	23.11	23.19	23.07
	36/0	23.30	22.16	22.20	22.09	22.13
	36/19	23.30	22.13	22.21	22.04	22.12
	36/39	23.30	22.09	22.20	22.20	22.11
	75/0	23.30	22.15	22.25	22.07	22.16
16QAM	1/0	23.30	23.23	23.10	22.73	23.08
	1/37	23.30	23.16	23.20	22.75	23.02
	1/74	23.30	23.16	23.18	22.70	22.88
	36/0	22.30	21.63	21.48	21.56	21.69
	36/19	22.30	21.62	21.55	21.51	21.70
	36/39	22.30	21.58	21.50	21.52	21.66
	75/0	22.30	21.67	21.80	21.63	21.77
64QAM	1/0	22.30	21.54	22.22	21.64	21.88
	1/37	22.30	21.45	22.29	21.66	21.85
	1/74	22.30	21.42	22.27	21.66	21.91
	36/0	21.30	19.31	19.59	19.65	19.40
	36/19	21.30	19.44	19.48	19.48	19.46
	36/39	21.30	19.63	19.49	19.36	19.35
	75/0	21.30	19.40	19.58	19.46	19.32

LTE B41/BW=20M		Average Conducted Power(dBm)				
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			
			40140/2545	40440/2575	40840/2615	41140/2645
QPSK	1/0	23.80	23.27	22.92	23.04	23.21
	1/50	23.80	23.24	22.91	23.04	23.18
	1/99	23.80	23.18	22.93	23.01	23.28
	50/0	23.30	22.36	22.24	22.12	22.24
	50/25	23.30	22.39	22.11	22.17	22.27
	50/50	23.30	22.31	22.17	22.10	22.30
	100/0	23.30	22.34	22.26	22.16	22.24
16QAM	1/0	23.30	22.34	22.86	22.31	23.02
	1/50	23.30	22.35	22.78	22.35	22.84
	1/99	23.30	22.28	22.74	22.32	23.06
	50/0	22.30	21.81	21.83	21.79	21.86
	50/25	22.30	21.75	21.84	21.71	21.86
	50/50	22.30	21.79	21.76	21.73	21.92
	100/0	22.30	21.67	21.74	21.68	21.77
64QAM	1/0	22.30	22.05	22.30	21.75	22.30
	1/50	22.30	22.07	22.16	22.03	22.26
	1/99	22.30	22.11	22.18	22.05	22.23
	50/0	21.30	19.42	19.86	19.89	19.49
	50/25	21.30	19.48	19.63	19.56	19.34
	50/50	21.30	19.66	19.70	19.47	19.48
	100/0	21.30	19.51	19.74	19.68	19.40

Note:

1) The tested channel results are marks in bold.

15. Conducted power measurement results of LTE B66

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	23.80	23.01	22.99	22.98	QPSK	1/0	23.80	23.10	23.14	23.14
	1/2	23.80	23.04	23.05	22.91		1/7	23.80	23.27	23.13	23.10
	1/5	23.80	23.08	23.07	22.90		1/14	23.80	23.28	23.12	23.16
	3/0	23.80	23.00	22.82	22.91		8/0	23.30	21.94	21.88	21.91
	3/1	23.80	22.96	22.87	22.96		8/3	23.30	21.98	21.87	22.00
	3/3	23.80	22.93	22.87	23.08		8/7	23.30	22.02	21.89	21.97
	6/0	23.30	22.05	21.85	21.94		15/0	23.30	21.96	21.88	22.11
16QAM	1/0	23.30	22.91	22.19	22.18	16QAM	1/0	23.30	22.63	22.79	22.23
	1/2	23.30	22.90	22.16	22.18		1/7	23.30	22.58	22.73	22.22
	1/5	23.30	22.88	22.19	22.24		1/14	23.30	22.63	22.72	22.25
	3/0	23.30	22.08	21.66	21.99		8/0	22.30	21.03	21.21	21.14
	3/1	23.30	22.15	21.70	21.98		8/3	22.30	21.02	21.16	21.13
	3/3	23.30	22.11	21.71	21.99		8/7	22.30	21.03	21.19	21.09
	6/0	22.30	21.07	20.89	21.17		15/0	22.30	21.15	21.12	21.05
64QAM	1/0	22.30	21.93	20.39	21.66	64QAM	1/0	22.30	21.72	20.89	21.75
	1/2	22.30	22.10	20.35	21.65		1/7	22.30	21.61	20.90	21.72
	1/5	22.30	22.01	20.39	21.70		1/14	22.30	21.59	20.96	21.72
	3/0	22.30	21.26	20.71	20.98		8/0	21.30	19.47	19.62	19.56
	3/1	22.30	21.27	20.82	20.97		8/3	21.30	19.60	19.62	19.53
	3/3	22.30	21.16	20.78	20.97		8/7	21.30	19.59	19.65	19.57
	6/0	21.30	19.54	19.62	19.68		15/0	21.30	19.59	19.65	19.59

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	23.80	22.99	22.93	22.93	QPSK	1/0	23.80	23.27	22.88	22.99
	1/12	23.80	22.99	23.01	22.90		1/24	23.80	23.19	22.88	23.02
	1/24	23.80	22.92	22.81	22.93		1/49	23.80	23.03	22.86	23.13
	12/0	23.30	22.02	21.91	21.97		25/0	23.30	21.98	22.00	21.83
	12/6	23.30	21.96	21.92	21.97		25/12	23.30	22.01	21.94	21.85
	12/13	23.30	21.97	21.88	21.99		25/25	23.30	21.98	21.91	22.01
	25/0	23.30	21.98	21.87	21.90		50/0	23.30	21.93	22.01	21.95
16QAM	1/0	23.30	21.83	21.79	21.86	16QAM	1/0	23.30	22.71	22.33	22.12
	1/12	23.30	21.84	21.78	21.87		1/24	23.30	22.73	22.29	22.07
	1/24	23.30	21.86	21.83	21.85		1/49	23.30	22.75	22.32	22.13
	12/0	22.30	21.12	21.09	21.06		25/0	22.30	21.05	21.14	21.10
	12/6	22.30	21.09	21.02	21.01		25/12	22.30	20.97	21.12	21.08
	12/13	22.30	21.09	21.07	21.01		25/25	22.30	21.02	21.15	21.12
	25/0	22.30	21.16	21.07	20.98		50/0	22.30	21.06	21.20	21.01
64QAM	1/0	22.30	20.52	22.20	20.70	64QAM	1/0	22.30	21.70	20.68	21.26
	1/12	22.30	20.51	22.10	20.72		1/24	22.30	21.64	20.66	21.24
	1/24	22.30	20.51	22.19	20.73		1/49	22.30	21.67	20.65	21.31
	12/0	21.30	19.72	19.33	19.46		25/0	21.30	19.52	19.75	19.56
	12/6	21.30	19.71	19.44	19.45		25/12	21.30	19.56	19.75	19.52
	12/13	21.30	19.74	19.46	19.45		ddd	21.30	19.60	19.74	19.56
	25/0	21.30	19.72	19.56	19.53		50/0	21.30	19.67	19.68	19.70

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	23.80	23.18	22.88	22.90	QPSK	1/0	23.80	23.28	22.96	23.15
	1/37	23.80	23.14	22.87	22.84		1/50	23.80	23.18	22.86	23.11
	1/74	23.80	23.12	22.80	22.89		1/99	23.80	23.07	22.94	23.23
	36/0	23.30	21.92	22.80	21.87		50/0	23.30	22.15	22.07	22.01
	36/19	23.30	21.92	21.84	21.98		50/25	23.30	22.17	22.03	21.99
	36/39	23.30	21.81	21.84	21.93		50/50	23.30	22.11	22.06	22.18
	75/0	23.30	21.95	21.94	21.88		100/0	23.30	22.02	22.02	21.96
16QAM	1/0	23.30	22.71	22.39	23.02	16QAM	1/0	23.30	22.20	21.77	21.80
	1/37	23.30	22.65	22.29	23.05		1/50	23.30	21.81	21.62	21.80
	1/74	23.30	22.67	22.68	23.08		1/99	23.30	21.81	21.69	21.81
	36/0	22.30	21.05	22.18	20.97		50/0	22.30	21.12	20.98	20.94
	36/19	22.30	20.99	21.16	20.99		50/25	22.30	21.09	21.06	20.98
	36/39	22.30	20.99	21.10	20.98		50/50	22.30	21.12	21.00	20.93
	75/0	22.30	21.10	21.14	21.05		100/0	22.30	21.11	21.10	20.93
64QAM	1/0	22.30	21.72	20.73	22.15	64QAM	1/0	22.30	22.24	21.58	22.06
	1/37	22.30	21.63	20.68	22.13		1/50	22.30	22.21	20.75	21.92
	1/74	22.30	21.66	20.71	22.15		1/99	22.30	22.22	21.59	21.99
	36/0	21.30	19.63	20.71	19.58		50/0	21.30	19.80	19.52	19.63
	36/19	21.30	19.60	19.68	19.59		50/25	21.30	19.76	19.48	19.61
	36/39	21.30	19.63	19.73	19.52		50/50	21.30	19.75	19.46	19.65
	75/0	21.30	19.67	19.70	19.62		100/0	21.30	19.62	19.60	19.63

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	23.80	23.01	22.99	22.98	QPSK	1/0	23.80	23.10	23.14	23.14
	1/2	23.80	23.04	23.05	22.91		1/7	23.80	23.27	23.13	23.10
	1/5	23.80	23.08	23.07	22.90		1/14	23.80	23.28	23.12	23.16
	3/0	23.80	23.00	22.82	22.91		8/0	23.30	21.94	21.88	21.91
	3/1	23.80	22.96	22.87	22.96		8/3	23.30	21.98	21.87	22.00
	3/3	23.80	22.93	22.87	23.08		8/7	23.30	22.02	21.89	21.97
	6/0	23.30	22.05	21.85	21.94		15/0	23.30	21.96	21.88	22.11
16QAM	1/0	23.30	22.91	22.19	22.18	16QAM	1/0	23.30	22.63	22.79	22.23
	1/2	23.30	22.90	22.16	22.18		1/7	23.30	22.58	22.73	22.22
	1/5	23.30	22.88	22.19	22.24		1/14	23.30	22.63	22.72	22.25
	3/0	23.30	22.08	21.66	21.99		8/0	22.30	21.03	21.21	21.14
	3/1	23.30	22.15	21.70	21.98		8/3	22.30	21.02	21.16	21.13
	3/3	23.30	22.11	21.71	21.99		8/7	22.30	21.03	21.19	21.09
	6/0	22.30	21.07	20.89	21.17		15/0	22.30	21.15	21.12	21.05
64QAM	1/0	22.30	21.93	20.39	21.66	64QAM	1/0	22.30	21.72	20.89	21.75
	1/2	22.30	22.10	20.35	21.65		1/7	22.30	21.61	20.90	21.72
	1/5	22.30	22.01	20.39	21.70		1/14	22.30	21.59	20.96	21.72
	3/0	22.30	21.26	20.71	20.98		8/0	21.30	19.47	19.62	19.56
	3/1	22.30	21.27	20.82	20.97		8/3	21.30	19.60	19.62	19.53
	3/3	22.30	21.16	20.78	20.97		8/7	21.30	19.59	19.65	19.57
	6/0	21.30	19.54	19.62	19.68		15/0	21.30	19.59	19.65	19.59

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	23.80	22.99	22.93	22.93	QPSK	1/0	23.80	23.27	22.88	22.99
	1/12	23.80	22.99	23.01	22.90		1/24	23.80	23.19	22.88	23.02
	1/24	23.80	22.92	22.81	22.93		1/49	23.80	23.03	22.86	23.13
	12/0	23.30	22.02	21.91	21.97		25/0	23.30	21.98	22.00	21.83
	12/6	23.30	21.96	21.92	21.97		25/12	23.30	22.01	21.94	21.85
	12/13	23.30	21.97	21.88	21.99		25/25	23.30	21.98	21.91	22.01
	25/0	23.30	21.98	21.87	21.90		50/0	23.30	21.93	22.01	21.95
16QAM	1/0	23.30	21.83	21.79	21.86	16QAM	1/0	23.30	22.71	22.33	22.12
	1/12	23.30	21.84	21.78	21.87		1/24	23.30	22.73	22.29	22.07
	1/24	23.30	21.86	21.83	21.85		1/49	23.30	22.75	22.32	22.13
	12/0	22.30	21.12	21.09	21.06		25/0	22.30	21.05	21.14	21.10
	12/6	22.30	21.09	21.02	21.01		25/12	22.30	20.97	21.12	21.08
	12/13	22.30	21.09	21.07	21.01		25/25	22.30	21.02	21.15	21.12
	25/0	22.30	21.16	21.07	20.98		50/0	22.30	21.06	21.20	21.01
64QAM	1/0	22.30	20.52	22.20	20.70	64QAM	1/0	22.30	21.70	20.68	21.26
	1/12	22.30	20.51	22.10	20.72		1/24	22.30	21.64	20.66	21.24
	1/24	22.30	20.51	22.19	20.73		1/49	22.30	21.67	20.65	21.31
	12/0	21.30	19.72	19.33	19.46		25/0	21.30	19.52	19.75	19.56
	12/6	21.30	19.71	19.44	19.45		25/12	21.30	19.56	19.75	19.52
	12/13	21.30	19.74	19.46	19.45		ddd	21.30	19.60	19.74	19.56
	25/0	21.30	19.72	19.56	19.53		50/0	21.30	19.67	19.68	19.70

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	23.80	23.18	22.88	22.90	QPSK	1/0	23.80	23.28	22.96	23.15
	1/37	23.80	23.14	22.87	22.84		1/50	23.80	23.18	22.86	23.11
	1/74	23.80	23.12	22.80	22.89		1/99	23.80	23.07	22.94	23.23
	36/0	23.30	21.92	22.80	21.87		50/0	23.30	22.15	22.07	22.01
	36/19	23.30	21.92	21.84	21.98		50/25	23.30	22.17	22.03	21.99
	36/39	23.30	21.81	21.84	21.93		50/50	23.30	22.11	22.06	22.18
	75/0	23.30	21.95	21.94	21.88		100/0	23.30	22.02	22.02	21.96
16QAM	1/0	23.30	22.71	22.39	23.02	16QAM	1/0	23.30	22.20	21.77	21.80
	1/37	23.30	22.65	22.29	23.05		1/50	23.30	21.81	21.62	21.80
	1/74	23.30	22.67	22.68	23.08		1/99	23.30	21.81	21.69	21.81
	36/0	22.30	21.05	22.18	20.97		50/0	22.30	21.12	20.98	20.94
	36/19	22.30	20.99	21.16	20.99		50/25	22.30	21.09	21.06	20.98
	36/39	22.30	20.99	21.10	20.98		50/50	22.30	21.12	21.00	20.93
	75/0	22.30	21.10	21.14	21.05		100/0	22.30	21.11	21.10	20.93
64QAM	1/0	22.30	21.72	20.73	22.15	64QAM	1/0	22.30	22.24	21.58	22.06
	1/37	22.30	21.63	20.68	22.13		1/50	22.30	22.21	20.75	21.92
	1/74	22.30	21.66	20.71	22.15		1/99	22.30	22.22	21.59	21.99
	36/0	21.30	19.63	20.71	19.58		50/0	21.30	19.80	19.52	19.63
	36/19	21.30	19.60	19.68	19.59		50/25	21.30	19.76	19.48	19.61
	36/39	21.30	19.63	19.73	19.52		50/50	21.30	19.75	19.46	19.65
	75/0	21.30	19.67	19.70	19.62		100/0	21.30	19.62	19.60	19.63

Hotspot

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	21.80	21.07	20.96	21.05	QPSK	1/0	21.80	21.24	21.03	21.08
	1/2	21.80	21.02	21.00	21.03		1/7	21.80	21.25	21.01	21.05
	1/5	21.80	21.02	20.99	21.04		1/14	21.80	21.23	20.99	21.05
	3/0	21.80	21.12	21.01	20.96		8/0	20.80	20.04	19.95	19.95
	3/1	21.80	21.09	20.92	21.03		8/3	20.80	20.01	19.99	19.95
	3/3	21.80	21.14	20.95	20.97		8/7	20.80	20.03	19.95	19.89
	6/0	20.80	20.04	20.01	19.93		15/0	20.80	19.99	19.94	19.88
16QAM	1/0	20.80	20.54	20.51	20.13	16QAM	1/0	20.80	20.75	20.54	20.20
	1/2	20.80	20.52	20.57	20.14		1/7	20.80	20.71	20.52	20.19
	1/5	20.80	20.50	20.57	20.15		1/14	20.80	20.73	20.80	20.15
	3/0	20.80	20.17	20.33	19.89		8/0	19.80	18.49	18.47	18.80
	3/1	20.80	20.14	20.29	19.92		8/3	19.80	18.58	18.58	18.81
	3/3	20.80	20.19	20.29	19.89		8/7	19.80	18.61	18.63	18.74
	6/0	19.80	18.49	18.34	18.84		15/0	19.80	18.50	18.49	18.71
64QAM	1/0	19.80	18.66	18.41	18.75	64QAM	1/0	19.80	18.62	18.40	18.96
	1/2	19.80	18.89	18.67	18.92		1/7	19.80	18.88	18.73	19.03
	1/5	19.80	18.72	18.51	18.78		1/14	19.80	18.81	18.66	18.82
	3/0	19.80	18.71	18.54	18.64		8/0	18.80	17.48	17.48	17.39
	3/1	19.80	18.78	18.64	18.71		8/3	18.80	17.58	17.30	17.41
	3/3	19.80	18.74	18.61	18.69		8/7	18.80	17.62	17.37	17.34
	6/0	18.80	17.34	17.47	17.35		15/0	18.80	17.50	17.39	17.45

LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	21.80	21.09	21.04	20.78	QPSK	1/0	21.80	21.25	21.11	21.10
	1/12	21.80	21.04	21.03	20.77		1/24	21.80	21.25	21.02	21.10
	1/24	21.80	21.09	21.04	20.81		1/49	21.80	21.26	21.05	21.16
	12/0	20.80	20.07	20.01	20.00		25/0	20.80	19.99	20.16	19.92
	12/6	20.80	20.06	19.91	19.96		25/12	20.80	19.82	19.95	19.96
	12/13	20.80	20.07	19.93	19.91		25/25	20.80	20.02	19.95	19.91
	25/0	20.80	20.07	20.00	19.94		50/0	20.80	20.03	19.89	19.86
16QAM	1/0	20.80	19.80	19.77	19.80	16QAM	1/0	20.80	20.56	20.38	20.18
	1/12	20.80	19.79	19.76	19.80		1/24	20.80	20.50	20.35	20.12
	1/24	20.80	19.85	19.79	19.91		1/49	20.80	20.54	20.31	20.12
	12/0	19.80	18.44	18.38	18.82		25/0	19.80	18.43	18.43	19.04
	12/6	19.80	18.69	18.65	18.91		25/12	19.80	18.71	18.57	19.08
	12/13	19.80	18.69	18.67	18.77		25/25	19.80	19.01	18.97	19.15
	25/0	19.80	18.50	18.45	18.67		50/0	19.80	18.69	18.64	19.05
64QAM	1/0	19.80	18.33	18.41	18.83	64QAM	1/0	19.80	18.37	18.39	19.04
	1/12	19.80	18.67	18.97	19.16		1/24	19.80	18.99	18.64	19.16
	1/24	19.80	18.43	18.62	18.67		1/49	19.80	19.50	19.35	19.28
	12/0	18.80	17.42	17.31	17.47		25/0	18.80	17.51	17.31	17.60
	12/6	18.80	17.68	17.37	17.51		25/12	18.80	17.81	17.32	17.64
	12/13	18.80	17.70	17.32	17.36		ddd	18.80	18.12	17.70	17.69
	25/0	18.80	17.51	17.33	17.33		50/0	18.80	17.76	17.37	17.60

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	21.80	21.15	20.99	20.90	QPSK	1/0	21.80	21.26	21.25	20.99
	1/37	21.80	21.21	21.03	20.87		1/50	21.80	21.18	20.18	20.97
	1/74	21.80	21.18	20.98	20.85		1/99	21.80	21.17	21.18	21.02
	36/0	20.80	20.00	20.68	19.93		50/0	20.80	20.21	20.20	20.12
	36/19	20.80	20.00	19.94	19.96		50/25	20.80	20.16	20.18	20.11
	36/39	20.80	19.98	19.95	19.97		50/50	20.80	20.18	20.13	20.09
	75/0	20.80	20.09	20.01	19.95		100/0	20.80	20.16	20.17	20.14
16QAM	1/0	20.80	20.60	20.32	20.75	16QAM	1/0	20.80	19.86	19.86	20.43
	1/37	20.80	20.58	20.34	20.53		1/50	20.80	19.82	19.32	20.39
	1/74	20.80	20.56	20.28	20.52		1/99	20.80	19.87	19.73	20.41
	36/0	19.80	18.53	19.08	18.99		50/0	19.80	18.71	18.70	19.13
	36/19	19.80	18.70	18.52	18.92		50/25	19.80	18.77	18.73	18.99
	36/39	19.80	18.85	18.98	18.92		50/50	19.80	18.90	19.35	19.13
	75/0	19.80	18.69	18.66	18.97		100/0	19.80	18.78	19.00	19.13
64QAM	1/0	19.80	18.41	18.39	19.51	64QAM	1/0	19.80	18.73	19.51	19.36
	1/37	19.80	19.12	18.68	19.52		1/50	19.80	19.06	18.37	19.07
	1/74	19.80	19.09	19.33	19.36		1/99	19.80	19.24	19.33	19.25
	36/0	18.80	17.71	18.03	17.60		50/0	18.80	17.97	17.37	17.70
	36/19	18.80	17.84	17.40	17.48		50/25	18.80	17.96	17.40	17.58
	36/39	18.80	18.02	17.68	17.46		50/50	18.80	18.11	17.96	17.68
	75/0	18.80	17.80	17.36	17.55		100/0	18.80	17.96	17.59	17.69

Note:

1) The tested channel results are marks in bold.

16. Conducted power measurement results of BT

BT	Average Conducted Power(dBm)			
	Max. Tune up	CH0	CH39	CH78
		2402MHz	2441MHz	2480MHz
DH5	12.50	10.94	11.83	11.15
2DH5	10.50	8.59	10.03	9.22
3DH5	10.50	8.51	9.64	8.84

BT	Average Conducted Power(dBm)			
	Max. Tune up	CH0	CH19	CH39
		2402MHz	2440MHz	2480MHz
BLE(1M)	8.00	7.72	7.95	7.58
BLE(2M)	8.00	7.65	7.92	7.55

Note:

- 1) The tested channel results are marks in bold.
- 2) Stand-alone SAR

According to the output power measurement result we can draw the conclusion that: Based upon description of Low-power exclusion level (P_{max}) in IEC 62479:2010: Stand-alone SAR are required for BT, because the output power of BT transmitter is $\geq (P_{max}=13\text{dBm})$.

17. Conducted power measurement results of WiFi 2.4G

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
2.4G WIFI _1TX _ANT 3 _Head	802.11b	1	2412	1	19.50	18.71
		6	2437		19.50	18.93
		11	2462		19.50	18.67
	802.11g	1	2412	6	16.50	15.69
		6	2437		17.50	17.05
		11	2462		12.50	11.56
	802.11n HT20	1	2412	MCS0	10.50	10.29
		6	2437		16.50	16.29
		11	2462		12.50	11.77
	802.11n HT40	3	2422	MCS0	10.50	9.64
		6	2437		16.50	16.21
		9	2452		10.50	10.15

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Max. Tune up	Average Power(dBm)
2.4G WIFI _1TX _ANT 3 _Body	802.11b	1	2412	1	20.50	19.65
		6	2437		20.50	19.33
		11	2462		20.50	19.59
	802.11g	1	2412	6	17.50	16.96
		6	2437		18.50	17.59
		11	2462		13.50	13.17
	802.11n HT20	1	2412	MCS0	11.50	10.89
		6	2437		17.50	16.95
		11	2462		13.50	13.43
	802.11n HT40	3	2422	MCS0	11.50	11.40
		6	2437		17.50	16.77
		9	2452		11.50	11.15

Note:

1) The tested channel results are marks in bold.