

Appendix E. Conducted Power Measurement Result

1. Conducted power measurement results of GSM850

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
GPRS /EDGE (GMSK)	1 Tx Slot	34.00	33.07	33.30	33.39	24.81	23.88	24.11	24.20
	2 Tx Slot	34.00	33.11	33.34	33.42	27.87	26.98	27.21	27.29
	3 Tx Slot	32.00	31.71	31.86	31.90	27.58	27.29	27.44	27.48
	4 Tx Slot	31.00	29.86	29.93	29.94	27.82	26.68	26.75	26.76
EDGE (8PSK)	1 Tx Slot	30.00	28.14	28.48	28.50	20.81	18.95	19.29	19.31
	2 Tx Slot	29.00	28.02	27.75	28.45	22.87	21.89	21.62	22.32
	3 Tx Slot	28.00	26.56	26.24	26.24	23.58	22.14	21.82	21.82
	4 Tx Slot	25.00	23.85	23.72	24.47	21.82	20.67	20.54	21.29

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).

2. Conducted power measurement results of GSM1900

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
GPRS /EDGE (GMSK)	1 Tx Slot	31.00	30.28	30.31	30.34	21.81	21.09	21.12	21.15
	2 Tx Slot	31.00	30.33	30.35	30.39	24.87	24.20	24.22	24.26
	3 Tx Slot	29.00	28.76	28.90	28.96	24.58	24.34	24.48	24.54
	4 Tx Slot	28.00	26.86	27.02	27.06	24.82	23.68	23.84	23.88
EDGE (8PSK)	1 Tx Slot	29.00	28.11	28.05	28.72	19.81	18.92	18.86	19.53
	2 Tx Slot	29.00	28.14	27.59	28.71	22.87	22.01	21.46	22.58
	3 Tx Slot	28.00	26.46	26.11	26.25	23.58	22.04	21.69	21.83
	4 Tx Slot	25.00	24.26	23.86	24.78	21.82	21.08	20.68	21.60

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

Band	UMTS B2 Average Conducted Power(dBm)			
Tx Channel	Max.	9262	9400	9538
Frequency(MHz)	Tune-up	1852.4	1880	1907.6
RMC 12.2K	23.50	23.31	22.77	22.91
HSDPA Subtest-1	23.50	23.08	22.41	22.44
HSDPA Subtest-2	23.50	22.41	21.92	21.95
HSDPA Subtest-3	23.00	21.89	21.30	21.47
HSDPA Subtest-4	23.00	21.88	21.28	21.45
HSUPA Subtest-1	23.50	22.11	21.58	21.78
HSUPA Subtest-2	21.50	20.98	20.49	20.64
HSUPA Subtest-3	22.50	21.24	20.74	20.82
HSUPA Subtest-4	21.50	20.67	20.12	20.35
HSUPA Subtest-5	23.50	23.13	22.76	22.87
DC-HSDPA Subtest-1	23.50	23.08	22.41	22.44
DC-HSDPA Subtest-2	23.50	22.41	21.92	21.95
DC-HSDPA Subtest-3	23.00	21.89	21.30	21.47
DC-HSDPA Subtest-4	23.00	21.88	21.28	21.45

Note: The tested channel results are marks in bold.

4. Conducted power measurement results of UMTS B4

Band	UMTS B4 Average Conducted Power(dBm)			
Tx Channel	Max.	1312	1413	1513
Frequency(MHz)	Tune-up	1712.4	1732.6	1752.6
RMC 12.2K	24.00	23.03	22.56	23.82
HSDPA Subtest-1	24.00	22.88	22.64	23.34
HSDPA Subtest-2	24.00	22.33	22.12	22.83
HSDPA Subtest-3	23.50	21.81	21.65	22.28
HSDPA Subtest-4	23.50	21.79	21.63	22.26
HSUPA Subtest-1	24.00	21.68	21.65	22.37
HSUPA Subtest-2	22.00	20.51	20.58	21.22
HSUPA Subtest-3	23.00	20.75	20.81	21.44
HSUPA Subtest-4	22.00	20.21	20.26	20.95
HSUPA Subtest-5	24.00	22.99	22.86	23.48
DC-HSDPA Subtest-1	24.00	22.88	22.64	23.34
DC-HSDPA Subtest-2	24.00	22.33	22.12	22.83
DC-HSDPA Subtest-3	23.50	21.81	21.65	22.28
DC-HSDPA Subtest-4	23.50	21.79	21.63	22.26

Note: The tested channel results are marks in bold.

5. Conducted power measurement results of UMTS B5

Band	UMTS B5 Average Conducted Power(dBm)			
Tx Channel	Max.	4132	4182	4233
Frequency(MHz)	Tune-up	826.4	836.4	846.6
RMC 12.2K	24.00	23.17	23.58	23.25
HSDPA Subtest-1	24.00	23.13	23.37	22.95
HSDPA Subtest-2	24.00	22.49	22.77	22.43
HSDPA Subtest-3	23.50	21.97	22.29	21.88
HSDPA Subtest-4	23.50	21.93	22.27	21.87
HSUPA Subtest-1	24.00	21.81	22.24	21.87
HSUPA Subtest-2	22.00	20.77	21.10	20.81
HSUPA Subtest-3	23.00	20.98	21.40	21.04
HSUPA Subtest-4	22.00	20.46	20.84	20.54
HSUPA Subtest-5	24.00	23.02	23.35	23.08
DC-HSDPA Subtest-1	24.00	23.13	23.37	22.95
DC-HSDPA Subtest-2	24.00	22.49	22.77	22.43
DC-HSDPA Subtest-3	23.50	21.97	22.29	21.88
DC-HSDPA Subtest-4	23.50	21.93	22.27	21.87

Note: The tested channel results are marks in bold.

6. Conducted power measurement results of LTE B2

LTE B2/BW=1.4M		Average Conducted Power(dBm)				LTE B2/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18607/1850.7	18900/1880	19193/1909.3				18615/1851.5	18900/1880	19185/1908.5
QPSK	1/0	24.50	23.88	22.74	22.76	QPSK	1/0	24.50	23.64	22.85	22.74
	1/2	24.50	23.81	22.64	22.68		1/7	24.50	23.92	22.57	22.53
	1/5	24.50	23.82	22.69	22.84		1/14	24.50	23.95	22.92	22.66
	3/0	24.50	23.57	22.60	22.70		8/0	23.50	22.86	21.56	21.60
	3/1	24.50	23.62	22.61	22.71		8/3	23.50	22.99	21.59	21.69
	3/3	24.50	23.68	22.60	22.74		8/7	23.50	23.07	21.57	21.71
	6/0	23.50	22.94	21.68	21.80		15/0	23.50	22.99	21.55	21.67
16QAM	1/0	23.50	22.98	22.16	21.92	16QAM	1/0	23.50	22.71	21.67	21.81
	1/2	23.50	22.90	22.06	21.87		1/7	23.50	23.02	21.78	21.91
	1/5	23.50	23.09	22.14	22.13		1/14	23.50	23.06	21.61	21.98
	3/0	23.50	22.84	21.91	22.06		8/0	22.50	22.18	20.81	21.13
	3/1	23.50	22.89	21.92	22.08		8/3	22.50	22.32	20.85	21.18
	3/3	23.50	22.92	21.90	22.16		8/7	22.50	22.39	20.83	21.16
	6/0	22.50	22.10	20.72	21.15		15/0	22.50	22.25	20.75	21.08
LTE B2/BW=5M		Average Conducted Power(dBm)				LTE B2/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18625/1852.5	18900/1880	19175/1907.5				18650/1855	18900/1880	19150/1905
QPSK	1/0	24.50	23.74	22.75	22.55	QPSK	1/0	24.50	23.46	22.55	23.18
	1/12	24.50	24.13	22.53	22.57		1/24	24.50	24.05	22.83	22.51
	1/24	24.50	24.01	22.86	22.66		1/49	24.50	23.95	22.97	22.91
	12/0	23.50	22.90	21.95	21.52		25/0	23.50	22.96	22.14	21.87
	12/6	23.50	23.09	21.56	21.62		25/12	23.50	23.11	22.03	21.61
	12/13	23.50	23.13	21.97	21.64		25/25	23.50	23.00	21.86	21.87
	25/0	23.50	23.05	21.50	21.58		50/0	23.50	23.10	21.99	22.17
16QAM	1/0	23.50	22.98	22.06	21.97	16QAM	1/0	23.50	22.64	21.82	22.51
	1/12	23.50	23.42	22.25	21.94		1/24	23.50	23.35	22.09	21.87
	1/24	23.50	23.47	22.07	22.03		1/49	23.50	23.04	22.00	21.66
	12/0	22.50	22.20	20.93	20.93		25/0	22.50	22.20	20.65	21.33
	12/6	22.50	22.35	21.01	21.00		25/12	22.50	22.34	20.79	21.03
	12/13	22.50	22.43	20.90	20.97		25/25	22.50	22.46	20.63	20.76
	25/0	22.50	22.24	20.87	20.86		50/0	22.50	22.31	20.71	20.99

LTE B2/BW=15M		Average Conducted Power(dBm)				LTE B2/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			18675/1857.5	18900/1880	19125/1902.5				18700/1860	18900/1880	19100/1900
QPSK	1/0	24.50	23.87	22.94	23.75	QPSK	1/0	24.50	23.81	23.04	23.87
	1/37	24.50	24.14	22.82	23.46		1/50	24.50	24.37	22.96	23.82
	1/74	24.50	24.02	23.14	22.77		1/99	24.50	23.23	23.35	22.61
	36/0	23.50	23.07	23.04	23.09		50/0	23.50	23.41	22.26	23.30
	36/19	23.50	23.09	21.88	22.63		50/25	23.50	23.33	21.86	22.88
	36/39	23.50	23.04	21.84	21.95		50/50	23.50	22.96	21.89	22.14
	75/0	23.50	23.02	21.98	22.62		100/0	23.50	22.87	22.02	22.56
16QAM	1/0	23.50	22.82	22.05	23.32	16QAM	1/0	23.50	23.11	22.32	23.13
	1/37	23.50	23.46	22.01	22.57		1/50	23.50	23.24	21.80	23.02
	1/74	23.50	22.74	22.28	22.02		1/99	23.50	22.42	22.71	21.89
	36/0	22.50	22.42	22.28	22.00		50/0	22.50	22.34	20.69	22.16
	36/19	22.50	22.41	20.82	21.45		50/25	22.50	22.20	20.79	21.76
	36/39	22.50	22.29	20.88	20.81		50/50	22.50	21.80	20.83	21.02
	75/0	22.50	22.28	20.89	21.48		100/0	22.50	21.78	20.95	21.46

Note: The tested channel results are marks in bold.

7. Conducted power measurement results of LTE B4

LTE B4/BW=1.4M		Average Conducted Power(dBm)				LTE B4/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19957/1710.7	20175/1732.5	20393/1754.3				19965/1711.5	20175/1732.5	20385/1753.5
QPSK	1/0	24.00	23.51	22.99	22.71	QPSK	1/0	24.00	23.42	22.71	22.72
	1/2	24.00	23.47	22.92	22.60		1/7	24.00	23.51	22.92	22.63
	1/5	24.00	23.54	23.06	22.64		1/14	24.00	23.53	22.92	22.44
	3/0	24.00	22.49	22.88	22.55		8/0	23.00	22.44	21.76	21.69
	3/1	24.00	22.52	22.90	22.61		8/3	23.00	22.57	21.83	21.64
	3/3	24.00	22.58	22.93	22.54		8/7	23.00	22.53	21.87	21.53
	6/0	23.00	22.58	21.93	21.63		15/0	23.00	22.52	21.81	21.59
16QAM	1/0	23.00	22.61	22.24	21.68	16QAM	1/0	23.00	22.28	22.02	21.73
	1/2	23.00	22.53	22.22	21.55		1/7	23.00	22.44	22.23	21.64
	1/5	23.00	22.62	22.31	21.62		1/14	23.00	22.42	22.24	21.41
	3/0	23.00	22.44	22.03	21.72		8/0	22.00	21.62	20.91	20.82
	3/1	23.00	22.48	22.06	21.69		8/3	22.00	21.66	20.99	20.77
	3/3	23.00	22.50	22.08	21.63		8/7	22.00	21.71	21.03	20.66
	6/0	22.00	21.63	20.82	20.75		15/0	22.00	21.58	20.92	20.65
LTE B4/BW=5M		Average Conducted Power(dBm)				LTE B4/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			19975/1712.5	20175/1732.5	20375/1752.5				20000/1715	20175/1732.5	20350/1750
QPSK	1/0	24.00	23.49	22.61	22.93	QPSK	1/0	24.00	23.37	22.52	23.09
	1/12	24.00	23.57	22.92	22.78		1/24	24.00	23.55	22.85	22.90
	1/24	24.00	23.40	22.97	22.50		1/49	24.00	23.05	22.97	22.28
	12/0	23.00	22.50	21.66	21.81		25/0	23.00	22.41	21.42	21.98
	12/6	23.00	22.61	21.83	21.71		25/12	23.00	22.47	21.75	21.93
	12/13	23.00	22.56	21.88	21.62		25/25	23.00	22.19	21.81	21.49
	25/0	23.00	22.52	21.78	21.72		50/0	23.00	22.29	21.62	21.82
16QAM	1/0	23.00	22.30	21.83	21.99	16QAM	1/0	23.00	22.22	21.74	22.07
	1/12	23.00	22.62	22.20	21.67		1/24	23.00	22.39	22.11	21.96
	1/24	23.00	22.42	22.20	21.34		1/49	23.00	21.86	22.23	21.25
	12/0	22.00	21.58	20.88	20.99		25/0	22.00	21.41	20.56	21.18
	12/6	22.00	21.74	21.06	20.90		25/12	22.00	21.53	20.89	21.13
	12/13	22.00	21.72	21.10	20.76		25/25	22.00	21.22	20.95	20.69
	25/0	22.00	21.60	20.93	20.77		50/0	22.00	21.28	20.76	20.96

LTE B4/BW=15M		Average Conducted Power(dBm)				LTE B4/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20025/1717.5	20175/1732.5	20325/1747.5				20050/1720	20175/1732.5	20300/1745
QPSK	1/0	24.00	23.45	22.72	23.02	QPSK	1/0	24.00	23.65	23.12	23.22
	1/37	24.00	23.38	22.86	23.18		1/50	24.00	23.46	22.76	23.24
	1/74	24.00	22.52	23.08	22.38		1/99	24.00	22.41	23.05	22.37
	36/0	23.00	22.30	21.71	22.01		50/0	23.00	22.72	21.86	22.48
	36/19	23.00	22.27	21.80	22.11		50/25	23.00	22.50	22.13	22.65
	36/39	23.00	21.97	22.03	21.72		50/50	23.00	22.03	22.31	22.35
	75/0	23.00	22.21	21.75	22.02		100/0	23.00	22.35	22.06	22.41
16QAM	1/0	23.00	22.30	21.93	22.57	16QAM	1/0	23.00	22.84	22.10	22.29
	1/37	23.00	22.19	22.16	22.47		1/50	23.00	22.64	21.47	22.59
	1/74	23.00	21.54	22.41	21.64		1/99	23.00	21.82	22.53	21.63
	36/0	22.00	21.49	21.73	21.34		50/0	22.00	21.37	20.53	21.16
	36/19	22.00	21.40	20.88	21.24		50/25	22.00	21.19	20.86	21.33
	36/39	22.00	21.04	21.11	20.82		50/50	22.00	20.67	21.05	20.94
	75/0	22.00	21.26	20.81	21.13		100/0	22.00	21.04	20.74	21.08

Note: The tested channel results are marks in bold.

8. Conducted power measurement results of LTE B5

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	24.00	23.17	23.11	22.75	QPSK	1/0	24.00	23.07	22.99	22.57
	1/2	24.00	23.03	23.02	22.60		1/7	24.00	23.05	23.04	22.66
	1/5	24.00	23.15	23.06	22.70		1/14	24.00	22.91	22.92	22.57
	3/0	24.00	23.12	23.09	22.74		8/0	23.00	22.15	22.14	21.78
	3/1	24.00	23.14	23.09	22.81		8/3	23.00	22.17	22.15	21.86
	3/3	24.00	23.13	23.07	22.75		8/7	23.00	22.15	22.09	21.79
	6/0	23.00	22.16	22.05	21.80		15/0	23.00	22.16	22.12	21.81
16QAM	1/0	23.00	22.25	22.29	22.01	16QAM	1/0	23.00	22.11	22.18	21.76
	1/2	23.00	22.11	22.20	21.90		1/7	23.00	22.15	22.23	21.86
	1/5	23.00	22.21	22.28	21.97		1/14	23.00	22.05	22.16	21.77
	3/0	23.00	22.09	22.13	22.01		8/0	22.00	21.32	21.28	20.86
	3/1	23.00	22.02	22.13	22.04		8/3	22.00	21.25	21.29	20.89
	3/3	23.00	22.02	22.11	21.99		8/7	22.00	21.23	21.23	20.83
	6/0	22.00	21.40	21.09	21.03		15/0	22.00	21.17	21.20	20.77
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	24.00	23.08	22.79	22.67	QPSK	1/0	24.00	23.19	23.06	22.87
	1/12	24.00	23.10	23.02	22.77		1/24	24.00	23.33	23.23	22.88
	1/24	24.00	23.00	22.81	22.62		1/49	24.00	22.94	22.91	22.72
	12/0	23.00	22.10	22.00	21.72		25/0	23.00	22.18	21.98	21.85
	12/6	23.00	22.11	22.16	21.83		25/12	23.00	22.39	22.31	21.98
	12/13	23.00	22.10	22.08	21.75		25/25	23.00	22.18	22.02	21.75
	25/0	23.00	22.07	22.07	21.75		50/0	23.00	22.14	22.04	21.76
16QAM	1/0	23.00	22.10	22.15	21.87	16QAM	1/0	23.00	22.01	22.16	21.85
	1/12	23.00	22.17	22.27	21.98		1/24	23.00	22.14	22.21	21.80
	1/24	23.00	22.03	22.19	21.84		1/49	23.00	21.77	22.12	21.63
	12/0	22.00	21.26	21.25	20.85		25/0	22.00	21.12	21.05	20.94
	12/6	22.00	21.27	21.36	20.88		25/12	22.00	21.30	21.23	20.94
	12/13	22.00	21.27	21.29	20.89		25/25	22.00	21.15	21.07	20.81
	25/0	22.00	21.17	21.20	20.80		50/0	22.00	21.12	21.06	20.75

Note: The tested channel results are marks in bold.

9. Conducted power measurement results of LTE B7

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	25.00	23.58	24.55	23.83	QPSK	1/0	25.00	23.38	24.65	23.96
	1/12	25.00	23.21	24.19	23.54		1/24	25.00	23.53	24.03	23.75
	1/24	25.00	23.07	23.95	23.19		1/49	25.00	23.66	23.41	23.01
	12/0	24.00	22.47	23.51	22.86		25/0	24.00	22.07	23.52	23.04
	12/6	24.00	22.34	23.33	22.80		25/12	24.00	22.26	23.15	22.89
	12/13	24.00	22.22	23.24	22.63		25/25	24.00	22.13	22.85	22.54
	25/0	24.00	22.21	23.25	22.70		50/0	24.00	22.19	22.99	22.79
16QAM	1/0	24.00	22.49	23.43	22.91	16QAM	1/0	24.00	22.07	23.22	22.94
	1/12	24.00	22.03	23.16	22.56		1/24	24.00	22.24	22.82	22.86
	1/24	24.00	22.46	23.30	22.19		1/49	24.00	22.41	22.81	22.49
	12/0	23.00	22.18	22.70	22.31		25/0	23.00	22.35	22.62	22.23
	12/6	23.00	22.23	22.51	22.54		25/12	23.00	22.62	22.31	22.15
	12/13	23.00	22.07	22.39	22.42		25/25	23.00	22.33	22.51	22.59
	25/0	23.00	21.07	22.36	21.66		50/0	23.00	21.18	22.12	21.85
LTE B7/BW=15M		Average Conducted Power(dBm)				LTE B7/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			20825/2507.5	21100/2535	21375/2562.5				20850/2510	21100/2535	21350/2560
QPSK	1/0	25.00	23.11	24.64	23.62	QPSK	1/0	25.00	23.43	24.88	23.68
	1/37	25.00	23.34	23.81	23.98		1/50	25.00	23.39	23.75	23.61
	1/74	25.00	23.80	23.16	23.30		1/99	25.00	23.06	23.56	23.42
	36/0	24.00	22.62	23.50	22.73		50/0	24.00	22.27	23.67	22.61
	36/19	24.00	22.43	23.01	23.00		50/25	24.00	22.21	22.96	22.88
	36/39	24.00	22.16	22.52	22.61		50/50	24.00	22.34	22.44	22.57
	75/0	24.00	22.07	22.76	22.75		100/0	24.00	22.42	22.67	22.56
16QAM	1/0	24.00	22.01	23.59	22.87	16QAM	1/0	24.00	22.49	23.63	22.62
	1/37	24.00	22.39	23.28	22.95		1/50	24.00	22.54	23.30	23.22
	1/74	24.00	22.23	22.47	22.27		1/99	24.00	23.43	22.31	22.17
	36/0	23.00	22.17	22.75	22.45		50/0	23.00	22.04	22.61	22.19
	36/19	23.00	22.52	22.25	22.10		50/25	23.00	22.31	22.11	22.37
	36/39	23.00	22.60	22.54	22.32		50/50	23.00	22.52	22.34	22.43
	75/0	23.00	21.11	21.98	21.78		100/0	23.00	21.39	21.75	21.65

Note: The tested channel results are marks in bold.

10. Conducted power measurement results of LTE B66

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	23.50	23.02	22.90	22.69	QPSK	1/0	23.50	23.10	23.10	22.81
	1/2	23.50	22.95	22.98	22.37		1/7	23.50	23.13	23.05	22.55
	1/5	23.50	23.13	23.10	22.24		1/14	23.50	22.94	22.98	22.00
	3/0	23.50	22.97	23.07	22.37		8/0	22.50	22.10	22.14	21.79
	3/1	23.50	23.02	23.05	22.29		8/3	22.50	22.22	22.11	21.68
	3/3	23.50	22.89	23.01	22.10		8/7	22.50	22.26	22.09	22.07
	6/0	22.50	22.14	22.08	21.25		15/0	22.50	22.21	22.08	21.61
16QAM	1/0	22.50	22.24	22.28	21.63	16QAM	1/0	22.50	21.88	22.21	21.89
	1/2	22.50	22.18	22.21	21.39		1/7	22.50	22.09	22.17	21.65
	1/5	22.50	22.22	22.23	21.26		1/14	22.50	22.13	22.20	21.16
	3/0	22.50	22.08	22.20	21.60		8/0	21.50	21.23	21.30	20.93
	3/1	22.50	22.13	22.19	21.54		8/3	21.50	21.31	21.27	20.82
	3/3	22.50	22.18	22.23	21.39		8/7	21.50	21.31	21.21	20.58
	6/0	21.50	21.24	21.08	20.61		15/0	21.50	21.24	21.21	20.69
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	23.50	23.11	23.04	22.79	QPSK	1/0	23.50	23.03	22.92	21.91
	1/12	23.50	23.09	23.03	22.85		1/24	23.50	23.07	23.01	22.92
	1/24	23.50	22.84	22.87	22.13		1/49	23.50	22.80	22.61	22.20
	12/0	22.50	22.15	22.12	21.97		25/0	22.50	22.11	22.00	22.06
	12/6	22.50	22.33	22.13	21.94		25/12	22.50	22.19	22.02	21.83
	12/13	22.50	22.30	22.12	21.69		25/25	22.50	21.90	21.79	21.73
	25/0	22.50	22.24	22.06	21.85		50/0	22.50	22.02	21.88	21.56
16QAM	1/0	22.50	22.18	22.28	22.04	16QAM	1/0	22.50	21.85	21.69	20.83
	1/12	22.50	22.35	22.31	22.01		1/24	22.50	22.14	22.18	21.90
	1/24	22.50	22.34	22.38	21.31		1/49	22.50	21.66	21.92	21.24
	12/0	21.50	21.23	21.31	21.06		25/0	21.50	21.12	21.07	20.50
	12/6	21.50	21.38	21.29	21.08		25/12	21.50	21.20	21.09	20.97
	12/13	21.50	21.35	21.28	20.86		25/25	21.50	21.00	20.87	20.91
	25/0	21.50	21.23	21.14	20.91		50/0	21.50	21.08	20.93	20.65

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	23.50	23.02	22.91	21.56	QPSK	1/0	23.50	23.18	22.65	22.16
	1/37	23.50	23.10	23.04	22.62		1/50	23.50	22.94	22.38	21.84
	1/74	23.50	22.38	22.41	22.35		1/99	23.50	22.17	22.04	22.38
	36/0	22.50	22.19	22.13	22.17		50/0	22.50	22.41	21.99	22.03
	36/19	22.50	22.12	22.12	22.04		50/25	22.50	21.86	22.07	22.06
	36/39	22.50	21.76	21.84	21.85		50/50	22.50	21.96	21.68	21.51
	75/0	22.50	21.98	21.92	21.24		100/0	22.50	21.77	21.74	20.65
16QAM	1/0	22.50	21.96	22.25	20.88	16QAM	1/0	22.50	21.98	22.13	20.84
	1/37	22.50	22.02	22.18	21.94		1/50	22.50	22.37	20.95	21.15
	1/74	22.50	21.33	21.74	21.66		1/99	22.50	21.62	21.41	21.68
	36/0	21.50	21.26	21.04	20.62		50/0	21.50	21.07	20.96	21.01
	36/19	21.50	21.20	21.21	21.07		50/25	21.50	20.99	21.16	20.74
	36/39	21.50	20.84	20.95	20.84		50/50	21.50	21.14	20.78	20.52
	75/0	21.50	21.06	20.99	20.25		100/0	21.50	20.85	20.87	19.75

Note: The tested channel results are marks in bold.

11. 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	802.11b	1	2412	1	10.00	9.76
		6	2437		10.50	10.37
		11	2462		14.00	13.82
	802.11g	1	2412	6	13.00	12.88
		6	2437		14.50	14.46
		11	2462		14.50	14.43
	802.11n HT20	1	2412	HT0	12.00	11.60
		6	2437		16.50	16.41
		11	2462		13.00	12.60

Note: The tested channel results are marks in bold.