

Appendix E

Conducted RF Output Power

Measurement of RF conducted Power	
1	Conducted Power of GSM
2	Conducted Power of LTE
3	Conducted Power of WIFI
4	Conducted Power of Bluetooth

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 2 of 18

1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GPRS (GMSK)	1 TX Slot	31.85	32.06	32.34	33.00	-9.19	22.66	22.87	23.15	23.81
	2 TX Slots	30.28	30.48	30.81	31.00	-6.18	24.10	24.30	24.63	24.82
	3 TX Slots	28.08	28.32	28.65	29.00	-4.42	23.66	23.90	24.23	24.58
	4 TX Slots	25.88	26.14	26.42	27.00	-3.17	22.71	22.97	23.25	23.83

GSM 1900										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GPRS (GMSK)	1 TX Slot	30.05	30.00	29.91	31.00	-9.19	20.86	20.81	20.72	21.81
	2 TX Slots	28.17	28.45	28.67	29.00	-6.18	21.99	22.27	22.49	22.82
	3 TX Slots	26.11	26.36	26.80	27.00	-4.42	21.69	21.94	22.38	22.58
	4 TX Slots	24.13	24.47	24.85	25.00	-3.17	20.96	21.30	21.68	21.83



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 3 of 18

2 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.81	21.69	21.84	22.50
		1	2	22.10	22.02	21.94	22.50
		1	5	21.46	21.58	21.33	22.50
		3	0	21.84	21.92	21.83	22.50
		3	2	21.95	22.07	21.91	22.50
		3	3	21.41	21.66	21.18	22.50
	16QAM	6	0	20.79	21.13	20.62	21.50
		1	0	20.32	20.70	20.50	21.50
		1	2	20.88	21.10	20.76	21.50
		1	5	20.36	20.69	20.17	21.50
		3	0	20.82	21.11	20.81	21.50
		3	2	20.96	21.25	21.02	21.50
		3	3	20.46	20.74	20.24	21.50
		6	0	19.78	20.13	19.63	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.81	21.86	21.46	22.50
		1	7	21.62	22.14	21.69	22.50
		1	14	21.15	21.42	21.31	22.50
		8	0	20.12	20.73	20.12	21.50
		8	4	20.30	20.87	20.27	21.50
		8	7	20.50	20.55	20.42	21.50
	16QAM	15	0	20.58	20.96	20.43	21.50
		1	0	21.08	20.99	20.37	21.50
		1	7	21.05	21.39	20.71	21.50
		1	14	20.31	20.63	20.37	21.50
		8	0	19.13	19.84	19.31	20.50
		8	4	19.49	20.03	19.45	20.50
		8	7	19.20	19.70	19.13	20.50
		15	0	19.69	20.09	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.62	21.80	21.44	22.50
		1	13	21.15	21.61	21.54	22.50
		1	24	21.17	21.59	21.20	22.50
		12	0	20.30	20.76	20.48	21.50
		12	6	20.30	20.67	20.32	21.50
		12	13	20.25	20.69	20.37	21.50
	16QAM	25	0	20.26	20.87	20.46	21.50
		1	0	20.27	21.06	20.59	21.50
		1	13	20.02	20.98	20.76	21.50
		1	24	20.05	20.86	20.43	21.50
		12	0	19.49	19.92	19.53	20.50
		12	6	19.50	19.82	19.49	20.50
		12	13	19.44	19.87	19.46	20.50
		25	0	19.45	19.97	19.58	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.45	21.94	21.76	22.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 4 of 18

		1	25	21.20	21.91	21.52	22.50
		1	49	21.16	21.19	21.14	22.50
		25	0	20.39	21.06	20.93	21.50
		25	13	20.35	20.74	20.73	21.50
		25	25	20.47	20.82	20.66	21.50
		50	0	20.43	20.81	20.64	21.50
	16QAM	1	0	20.88	20.95	20.73	21.50
		1	25	20.85	21.00	20.58	21.50
		1	49	20.57	20.45	20.27	21.50
		25	0	19.88	20.21	20.49	20.50
		25	13	20.02	20.36	20.21	20.50
		25	25	20.39	20.45	20.49	20.50
		50	0	19.46	20.09	19.78	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.49	22.09	21.46	22.50
		1	38	21.43	21.94	22.19	22.50
		1	74	22.02	21.25	21.48	22.50
		36	0	20.79	21.33	20.96	21.50
		36	18	20.92	21.18	21.03	21.50
		36	39	21.20	20.66	21.27	21.50
		75	0	20.71	21.04	21.04	21.50
	16QAM	1	0	20.81	21.16	20.81	21.50
		1	38	20.45	20.59	21.09	21.50
		1	74	20.99	20.07	20.44	21.50
		36	0	20.23	19.76	20.23	20.50
		36	18	20.11	20.31	19.79	20.50
		36	39	20.12	20.43	19.78	20.50
		75	0	19.32	20.04	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.25	22.34	22.28	22.50
		1	50	22.09	22.12	22.16	22.50
		1	99	22.18	22.07	22.06	22.50
		50	0	20.90	21.39	20.98	21.50
		50	25	21.07	21.17	21.37	21.50
		50	50	21.32	21.06	21.44	21.50
		100	0	20.98	20.98	20.78	21.50
	16QAM	1	0	21.05	21.48	21.05	21.50
		1	50	20.87	21.26	21.39	21.50
		1	99	21.26	20.71	20.82	21.50
		50	0	20.38	20.30	20.36	20.50
		50	25	20.42	20.11	20.21	20.50
		50	50	20.32	20.35	20.24	20.50
		100	0	19.87	20.48	20.06	20.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 5 of 18

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.14	22.65	21.27	23.00
		1	2	21.49	22.84	21.56	23.00
		1	5	21.46	22.35	21.05	23.00
		3	0	21.44	22.74	21.48	23.00
		3	2	21.64	22.95	21.67	23.00
		3	3	21.44	22.22	21.09	23.00
		6	0	20.38	21.72	20.50	22.00
	16QAM	1	0	20.26	21.51	20.16	22.00
		1	2	20.64	21.82	20.55	22.00
		1	5	20.15	21.41	20.09	22.00
		3	0	20.52	21.72	20.65	22.00
		3	2	20.77	21.91	20.85	22.00
		3	3	20.09	21.21	20.12	22.00
		6	0	19.51	20.73	19.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.55	22.60	21.64	23.00
		1	7	21.39	22.91	21.73	23.00
		1	14	21.26	22.16	21.09	23.00
		8	0	21.83	21.19	21.45	22.00
		8	4	21.64	21.43	21.38	22.00
		8	7	21.33	21.16	21.75	22.00
		15	0	20.14	21.50	20.45	22.00
	16QAM	1	0	20.82	21.80	20.43	22.00
		1	7	20.94	21.91	20.79	22.00
		1	14	20.26	21.50	20.10	22.00
		8	0	19.06	20.19	19.25	21.00
		8	4	19.34	20.46	19.50	21.00
		8	7	19.07	20.19	19.23	21.00
		15	0	19.32	20.52	19.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.49	22.56	21.75	23.00
		1	13	21.28	22.62	21.30	23.00
		1	24	21.15	22.47	21.66	23.00
		12	0	20.11	21.41	20.71	22.00
		12	6	20.13	21.42	20.54	22.00
		12	13	20.08	21.48	20.46	22.00
		25	0	20.20	21.50	20.42	22.00
	16QAM	1	0	20.48	21.77	20.76	22.00
		1	13	20.14	21.72	20.52	22.00
		1	24	20.09	21.80	20.62	22.00
		12	0	19.28	20.54	19.83	21.00
		12	6	19.28	20.55	19.65	21.00
		12	13	19.24	20.62	19.56	21.00
		25	0	19.26	20.58	19.55	21.00



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 6 of 18

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.49	22.44	22.37	23.00
		1	25	21.41	22.62	21.88	23.00
		1	49	21.45	22.34	21.32	23.00
		25	0	20.24	21.44	20.88	22.00
		25	13	20.20	21.46	20.62	22.00
		25	25	20.58	21.84	20.72	22.00
		50	0	20.36	21.42	20.70	22.00
	16QAM	1	0	21.15	21.55	21.35	22.00
		1	25	20.75	21.58	20.71	22.00
		1	49	21.05	21.67	20.49	22.00
		25	0	20.20	20.36	20.73	21.00
		25	13	20.35	20.55	20.81	21.00
		25	25	20.42	20.79	20.46	21.00
		50	0	19.27	20.55	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.44	22.23	22.84	23.00
		1	38	21.61	22.87	22.12	23.00
		1	74	22.40	22.62	21.74	23.00
		36	0	21.15	21.89	21.84	22.00
		36	18	21.36	21.94	21.47	22.00
		36	39	21.35	21.58	21.37	22.00
		75	0	20.63	21.88	21.19	22.00
	16QAM	1	0	20.62	21.43	21.95	22.00
		1	38	20.85	20.65	21.39	22.00
		1	74	21.98	21.91	21.24	22.00
		36	0	19.89	20.59	20.96	21.00
		36	18	20.04	20.58	20.12	21.00
		36	39	20.77	20.99	20.91	21.00
		75	0	19.50	20.76	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.71	22.95	22.90	23.00
		1	50	22.65	22.32	22.84	23.00
		1	99	22.68	22.68	22.63	23.00
		50	0	21.48	21.85	21.75	22.00
		50	25	21.37	21.82	21.82	22.00
		50	50	21.90	21.70	21.65	22.00
		100	0	20.62	21.59	21.71	22.00
	16QAM	1	0	20.77	21.90	21.65	22.00
		1	50	21.40	21.69	21.85	22.00
		1	99	21.85	21.30	21.99	22.00
		50	0	20.19	20.85	20.93	21.00
		50	25	20.70	20.77	20.93	21.00
		50	50	20.73	20.77	20.88	21.00
		100	0	19.47	20.10	20.36	21.00



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 7 of 18

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.63	22.31	22.85	23.50
		1	2	22.84	22.45	23.05	23.50
		1	5	22.33	22.39	22.41	23.50
		3	0	22.84	21.76	22.63	23.50
		3	2	22.15	22.14	22.30	23.50
		3	3	22.44	21.61	22.56	23.50
		6	0	21.77	20.79	21.97	22.50
	16QAM	1	0	21.54	21.30	21.80	22.50
		1	2	22.04	20.72	22.18	22.50
		1	5	21.52	20.97	21.56	22.50
		3	0	21.88	20.75	22.02	22.50
		3	2	22.21	21.12	22.25	22.50
		3	3	21.54	20.62	21.57	22.50
		6	0	20.87	19.77	20.98	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.74	22.35	22.74	23.50
		1	7	23.13	22.40	22.99	23.50
		1	14	22.35	22.17	22.43	23.50
		8	0	21.34	21.73	21.41	22.50
		8	4	21.76	21.64	21.63	22.50
		8	7	21.57	21.29	21.40	22.50
		15	0	21.95	20.91	21.83	22.50
	16QAM	1	0	22.29	20.77	21.71	22.50
		1	7	22.42	21.51	22.09	22.50
		1	14	21.86	20.72	21.45	22.50
		8	0	20.50	19.52	20.42	21.50
		8	4	20.96	19.91	20.76	21.50
		8	7	20.81	19.61	20.53	21.50
		15	0	21.06	19.99	20.95	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.76	22.35	22.51	23.50
		1	13	22.73	22.46	22.70	23.50
		1	24	22.44	22.61	22.78	23.50
		12	0	21.92	21.55	21.74	22.50
		12	6	22.12	21.39	21.77	22.50
		12	13	21.97	21.47	21.88	22.50
		25	0	21.77	21.23	21.88	22.50
	16QAM	1	0	21.78	21.25	21.63	22.50
		1	13	21.75	21.16	21.81	22.50
		1	24	21.45	21.46	21.96	22.50
		12	0	21.00	20.02	20.79	21.50
		12	6	21.18	20.08	20.82	21.50
		12	13	21.04	19.98	20.96	21.50
		25	0	20.84	19.89	20.84	21.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601
Rev.: 01
Page: 8 of 18

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.95	23.24	22.81	23.50
		1	25	22.41	22.93	22.53	23.50
		1	49	22.31	22.84	22.24	23.50
		25	0	21.68	22.05	21.35	22.50
		25	13	21.86	21.65	21.64	22.50
		25	25	21.30	21.49	21.35	22.50
		50	0	21.55	21.03	21.60	22.50
	16QAM	1	0	22.45	21.26	20.83	22.50
		1	25	22.03	21.27	21.48	22.50
		1	49	21.37	20.95	21.60	22.50
		25	0	20.96	21.18	21.19	21.50
		25	13	20.67	21.16	20.51	21.50
		25	25	21.15	20.98	20.92	21.50
		50	0	21.03	20.19	21.03	21.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 9 of 18

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.89	21.43	22.63	23.00
		1	13	21.69	21.73	21.95	23.00
		1	24	21.46	21.39	21.26	23.00
		12	0	20.83	20.79	21.53	22.00
		12	6	20.35	20.85	21.24	22.00
		12	13	20.55	20.62	20.73	22.00
		25	0	20.05	20.36	21.06	22.00
	16QAM	1	0	20.16	20.69	21.90	22.00
		1	13	20.61	20.45	21.27	22.00
		1	24	20.73	20.55	20.51	22.00
		12	0	19.27	19.61	20.69	21.00
		12	6	19.15	19.36	20.43	21.00
		12	13	19.26	19.19	19.93	21.00
		25	0	19.21	19.59	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.84	22.22	22.63	23.00
		1	25	21.56	21.77	22.73	23.00
		1	49	21.73	21.49	21.93	23.00
		25	0	21.08	21.55	21.87	22.00
		25	13	21.09	21.64	21.88	22.00
		25	25	21.11	21.14	21.25	22.00
		50	0	21.09	20.97	21.78	22.00
	16QAM	1	0	20.90	21.45	21.91	22.00
		1	25	20.45	20.52	21.92	22.00
		1	49	20.62	20.59	20.38	22.00
		25	0	20.28	20.55	20.61	21.00
		25	13	20.07	20.44	20.75	21.00
		25	25	20.36	20.47	20.86	21.00
		50	0	19.17	20.09	20.52	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.93	22.62	22.56	23.00
		1	38	21.88	22.21	22.87	23.00
		1	74	21.84	22.03	22.19	23.00
		36	0	20.85	20.90	21.31	22.00
		36	18	20.77	20.29	21.29	22.00
		36	39	20.60	20.76	21.33	22.00
		75	0	20.19	20.68	21.95	22.00
	16QAM	1	0	20.83	21.93	21.95	22.00
		1	38	20.99	20.59	21.77	22.00
		1	74	21.13	20.97	20.95	22.00
		36	0	20.46	20.91	20.82	21.00
		36	18	20.32	20.57	20.77	21.00
		36	39	20.90	20.10	20.57	21.00
		75	0	20.16	20.35	20.73	21.00



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601
Rev.: 01
Page: 10 of 18

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.81	22.93	22.84	23.00
		1	50	22.70	22.75	22.63	23.00
		1	99	22.68	22.49	22.69	23.00
		50	0	21.65	21.91	21.89	22.00
		50	25	20.45	20.56	21.58	22.00
		50	50	21.33	20.73	21.79	22.00
		100	0	20.10	20.74	21.69	22.00
	16QAM	1	0	20.66	21.93	21.28	22.00
		1	50	20.96	21.43	21.93	22.00
		1	99	21.75	20.14	21.07	22.00
		50	0	20.40	20.85	20.74	21.00
		50	25	20.83	20.49	20.78	21.00
		50	50	20.78	20.26	20.53	21.00
		100	0	19.34	20.55	20.73	21.00



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 11 of 18

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.28	20.72	21.10	22.00
		1	13	20.17	20.67	21.01	22.00
		1	24	20.07	20.57	21.00	22.00
		12	0	19.15	19.89	20.10	21.00
		12	6	19.14	19.93	20.14	21.00
		12	13	19.23	19.86	20.20	21.00
		25	0	19.10	19.87	20.22	21.00
	16QAM	1	0	19.39	19.90	20.13	21.00
		1	13	19.26	20.05	20.40	21.00
		1	24	19.31	19.75	20.33	21.00
		12	0	18.25	18.93	19.21	20.00
		12	6	18.11	19.05	19.03	20.00
		12	13	18.38	18.96	19.33	20.00
		25	0	18.28	18.87	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.26	20.55	20.75	22.00
		1	25	20.35	20.78	21.04	22.00
		1	49	20.48	20.71	20.90	22.00
		25	0	19.25	19.87	20.24	21.00
		25	13	19.16	19.89	20.16	21.00
		25	25	19.27	20.12	20.51	21.00
		50	0	19.01	19.89	20.26	21.00
	16QAM	1	0	19.13	19.41	20.19	21.00
		1	25	19.77	19.61	20.25	21.00
		1	49	19.03	19.76	19.60	21.00
		25	0	19.14	19.77	19.93	20.00
		25	13	19.09	19.89	19.42	20.00
		25	25	19.16	19.33	19.46	20.00
		50	0	18.26	19.04	19.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.17	20.64	21.04	22.00
		1	38	20.20	20.83	21.27	22.00
		1	74	20.29	20.91	21.26	22.00
		36	0	19.32	19.93	20.52	21.00
		36	18	19.29	20.06	20.40	21.00
		36	39	19.67	20.24	20.85	21.00
		75	0	19.42	19.95	20.46	21.00
	16QAM	1	0	19.23	19.56	20.21	21.00
		1	38	19.38	19.88	20.54	21.00
		1	74	19.49	20.01	20.46	21.00
		36	0	19.43	19.94	19.45	20.00
		36	18	19.38	19.48	19.73	20.00
		36	39	19.79	19.82	19.44	20.00
		75	0	18.47	19.06	19.80	20.00



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601
Rev.: 01
Page: 12 of 18

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.51	21.69	21.57	22.00
		1	50	21.49	21.33	21.49	22.00
		1	99	21.06	21.01	21.06	22.00
		50	0	20.67	20.73	20.66	21.00
		50	25	19.60	20.17	20.61	21.00
		50	50	19.95	20.48	20.55	21.00
		100	0	19.36	19.89	20.41	21.00
	16QAM	1	0	19.68	19.59	20.32	21.00
		1	50	19.64	20.44	20.67	21.00
		1	99	19.67	20.33	20.29	21.00
		50	0	19.42	19.68	19.72	20.00
		50	25	19.66	19.33	19.64	20.00
		50	50	19.67	19.58	19.44	20.00
		100	0	18.52	18.95	19.73	20.00



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 13 of 18

LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40620	41565	40147	41092	
5MHz	QPSK	1	0	21.36	21.3	21.84	21.73	21.74	22.50
		1	13	21.41	21.38	21.85	21.75	21.56	22.50
		1	24	21.34	21.56	21.67	21.42	21.5	22.50
		12	0	20.27	20.24	20.77	20.68	20.74	21.50
		12	6	20.28	20.28	20.79	20.59	20.69	21.50
		12	13	20.44	20.6	20.8	20.74	20.71	21.50
		25	0	20.36	20.3	20.91	20.89	20.85	21.50
	16QAM	1	0	20.49	20.37	20.65	20.42	20.49	21.50
		1	13	20.5	20.51	20.97	20.74	20.78	21.50
		1	24	20.36	20.72	20.59	20.43	20.36	21.50
		12	0	19.37	19.24	19.83	19.72	19.77	20.50
		12	6	19.41	19.23	19.94	19.89	19.89	20.50
		12	13	19.41	19.63	20.02	19.96	19.79	20.50
		25	0	19.34	19.41	20	19.95	19.9	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40620	41540	40160	41080	
10MHz	QPSK	1	0	21.46	21.32	21.54	21.35	21.35	22.50
		1	25	21.21	21.24	21.8	21.58	21.68	22.50
		1	49	21.21	21.09	21.41	21.29	21.34	22.50
		25	0	20.48	20.28	20.86	20.71	20.61	21.50
		25	13	20.42	20.4	20.86	20.72	20.65	21.50
		25	25	20.58	20.56	20.93	20.77	20.82	21.50
		50	0	20.37	20.28	20.83	20.7	20.71	21.50
	16QAM	1	0	20.32	20.22	20.92	20.78	20.76	21.50
		1	25	20.22	20.07	21.11	21.06	20.96	21.50
		1	49	19.99	20.04	20.78	20.65	20.54	21.50
		25	0	20.41	20.39	20.38	20.2	20.08	20.50
		25	13	20.45	20.41	20.42	20.28	20.38	20.50
		25	25	20.46	20.49	20.33	20.1	20.33	20.50
		50	0	19.43	19.36	20.12	20.12	19.97	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40620	41515	40172	41067	
15MHz	QPSK	1	0	21.81	21.4	21.96	21.88	21.88	22.50
		1	38	21.81	21.61	22.19	22.15	21.97	22.50
		1	74	21.63	21.75	22.04	21.88	22.02	22.50
		36	0	20.88	20.7	21.29	21.15	21.28	21.50
		36	18	20.86	20.82	21.21	21.13	20.99	21.50
		36	39	21	21.13	21.48	21.45	21.28	21.50
		75	0	20.93	20.7	21.22	20.94	21.06	21.50
	16QAM	1	0	20.17	19.87	20.33	20.27	20.14	21.50
		1	38	20.3	20.05	20.96	20.94	20.9	21.50
		1	74	20.23	20.24	20.7	20.55	20.57	21.50
		36	0	20.42	20.15	20.08	20.07	20.02	20.50
		36	18	20.43	20.25	20.38	20.16	20.12	20.50
		36	39	20.21	19.96	20.31	20.15	20.11	20.50
		75	0	19.38	19.33	19.99	19.81	19.73	20.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601
Rev.: 01
Page: 14 of 18

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40620	41490	40185	41055	
20MHz	QPSK	1	0	22.31	22.34	22.38	22.23	22.26	22.50
		1	50	21.96	21.92	22.18	21.94	21.91	22.50
		1	99	21.48	21.75	21.87	21.87	21.72	22.50
		50	0	21.11	21.15	21.24	21.16	21.23	21.50
		50	25	21.04	21.02	21.41	21.27	21.37	21.50
		50	50	21.06	21.36	21.47	21.36	21.22	21.50
		100	0	20.7	20.58	21.2	21.17	21.12	21.50
	16QAM	1	0	20.47	20.22	20.78	20.64	20.54	21.50
		1	50	20.59	20.14	20.88	20.69	20.65	21.50
		1	99	20.11	20.36	20.16	19.87	19.91	21.50
		50	0	20.38	20.21	20.21	20.08	20.06	20.50
		50	25	20.37	20.25	20.29	20.28	20.16	20.50
		50	50	19.98	20.43	20.04	19.94	19.82	20.50
		100	0	19.44	19.28	19.9	19.9	19.61	20.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 15 of 18

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.23	23.03	23.13	23.50
		1	2	22.17	22.49	22.68	23.50
		1	5	21.95	21.82	22.34	23.50
		3	0	22.71	22.90	22.54	23.50
		3	1	22.17	22.97	23.18	23.50
		3	3	22.15	23.08	23.14	23.50
		6	0	21.24	21.73	22.15	22.50
	16QAM	1	0	21.18	21.38	21.46	22.50
		1	2	21.46	21.94	22.23	22.50
		1	5	21.72	21.61	21.82	22.50
		3	0	21.98	22.29	21.98	22.50
		3	1	22.27	22.37	22.09	22.50
		3	3	22.01	22.50	22.23	22.50
		6	0	19.54	21.03	20.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.28	23.09	23.18	23.50
		1	7	22.21	22.51	22.76	23.50
		1	14	21.86	21.75	22.34	23.50
		8	0	21.80	21.85	21.57	22.50
		8	4	21.08	22.01	22.19	22.50
		8	7	21.18	22.11	22.11	22.50
		15	0	21.32	21.66	22.08	22.50
	16QAM	1	0	21.25	21.46	21.45	22.50
		1	7	21.40	21.93	22.23	22.50
		1	14	21.77	21.67	21.78	22.50
		8	0	20.95	21.21	20.99	21.50
		8	4	21.25	21.30	21.04	21.50
		8	7	20.91	21.46	21.23	21.50
		15	0	19.54	21.12	20.83	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.18	23.16	23.19	23.50
		1	13	22.17	22.45	22.77	23.50
		1	24	21.94	21.70	22.41	23.50
		12	0	21.84	21.78	21.67	22.50
		12	6	21.00	22.05	22.09	22.50
		12	13	21.22	22.01	22.06	22.50
		25	0	21.32	21.74	22.05	22.50
	16QAM	1	0	21.21	21.48	21.41	22.50
		1	13	21.47	22.01	22.27	22.50
		1	24	21.85	21.62	21.71	22.50
		12	0	20.88	21.29	20.97	21.50
		12	6	21.18	21.33	21.02	21.50
		12	13	21.01	21.40	21.28	21.50
		25	0	19.56	21.11	20.79	21.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 16 of 18

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.16	23.18	23.26	23.50
		1	25	22.25	22.51	22.74	23.50
		1	49	21.96	21.78	22.36	23.50
		25	0	21.79	21.84	21.70	22.50
		25	13	21.03	22.05	22.06	22.50
		25	25	21.13	21.93	22.16	22.50
		50	0	21.40	21.70	22.02	22.50
	16QAM	1	0	21.11	21.50	21.45	22.50
		1	25	21.54	21.94	22.23	22.50
		1	49	21.78	21.59	21.67	22.50
		25	0	20.89	21.30	20.89	21.50
		25	13	21.17	21.23	20.99	21.50
		25	25	21.05	21.38	21.36	21.50
		50	0	19.64	21.05	20.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.15	23.24	23.33	23.50
		1	38	22.21	22.44	22.73	23.50
		1	74	22.04	21.85	22.35	23.50
		36	0	21.77	21.79	21.77	22.50
		36	18	21.10	22.11	22.08	22.50
		36	39	21.21	21.97	22.14	22.50
		75	0	21.43	21.74	22.01	22.50
	16QAM	1	0	21.10	21.59	21.53	22.50
		1	38	21.64	21.88	22.15	22.50
		1	74	21.83	21.49	21.67	22.50
		36	0	20.90	21.31	20.81	21.50
		36	18	21.25	21.29	20.91	21.50
		36	39	21.05	21.28	21.32	21.50
		75	0	19.60	21.09	20.87	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.25	23.36	23.26	23.50
		1	50	22.23	22.41	22.82	23.50
		1	99	22.11	21.94	22.29	23.50
		50	0	21.69	21.77	21.76	22.50
		50	25	21.15	22.05	22.00	22.50
		50	50	21.26	21.92	22.19	22.50
		100	0	21.49	21.71	21.94	22.50
	16QAM	1	0	21.15	21.63	21.46	22.50
		1	50	21.54	21.95	22.14	22.50
		1	99	21.73	21.49	21.64	22.50
		50	0	20.93	21.25	20.89	21.50
		50	25	21.34	21.39	20.97	21.50
		50	50	21.09	21.18	21.31	21.50
		100	0	19.70	21.09	20.92	21.50



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601
Rev.: 01
Page: 17 of 18

3 Conducted Power of WIFI

WIFI 2.4G					
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Average Power (dBm) Main Ant	Tune up
802.11b	1	2412	1	9.98	10.50
	6	2437		9.96	10.50
	11	2462		10.00	10.50
802.11g	1	2412	6	8.79	9.00
	6	2437		8.75	9.00
	11	2462		8.85	9.00
802.11n HT20 SISO	1	2412	6.5	8.57	9.00
	6	2437		8.57	9.00
	11	2462		8.65	9.00



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300018601

Rev.: 01

Page: 18 of 18

4 Conducted Power of Bluetooth

BLE_1Mbps			Average Conducted Power (dBm)	Tune up (dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	8.12	9
	19	2440	8.73	9
	39	2480	8.36	9
BLE_2Mbps			Average Conducted Power (dBm)	Tune up (dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	6.28	7
	19	2440	6.67	7
	39	2480	6.14	7