

Appendix E

Conducted RF Output Power



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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 Co., Ltd.
Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1 Conducted Power of Legacy Conducted Power of Legacy

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/EGPRS (GMSK)	1 TX Slot	32.98	32.96	32.74	33.50	-9.19	23.79	23.77	23.55	24.31
	2 TX Slots	30.82	30.70	30.43	31.50	-6.18	24.64	24.52	24.25	25.32
	3 TX Slots	28.92	28.82	28.54	29.50	-4.42	24.50	24.40	24.12	25.08
	4 TX Slots	26.81	26.67	26.35	27.50	-3.17	23.64	23.50	23.18	24.33
EGPRS (8PSK)	1 TX Slot	25.61	25.52	25.42	26.00	-9.19	16.42	16.33	16.23	16.81
	2 TX Slots	24.10	24.40	24.27	25.00	-6.18	17.92	18.22	18.09	18.82
	3 TX Slots	21.40	22.86	21.15	23.00	-4.42	16.98	18.44	16.73	18.58
	4 TX Slots	19.78	19.78	19.80	21.00	-3.17	16.61	16.61	16.63	17.83

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/EGPRS (GMSK)	1 TX Slot	29.90	29.72	29.78	30.50	-9.19	20.71	20.53	20.59	21.31
	2 TX Slots	27.80	27.28	26.95	28.50	-6.18	21.62	21.10	20.77	22.32
	3 TX Slots	26.08	25.52	25.22	26.50	-4.42	21.66	21.10	20.80	22.08
	4 TX Slots	23.99	23.42	23.11	24.50	-3.17	20.82	20.25	19.94	21.33
EGPRS (8PSK)	1 TX Slot	25.31	25.04	24.76	26.00	-9.19	16.12	15.85	15.57	16.81
	2 TX Slots	23.74	23.51	23.17	24.00	-6.18	17.56	17.33	16.99	17.82
	3 TX Slots	21.31	21.37	21.42	22.00	-4.42	16.89	16.95	17.00	17.58
	4 TX Slots	18.59	18.52	19.62	20.00	-3.17	15.42	15.35	16.45	16.83



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 3 of 12

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.58	22.92	23.03	24.00
HSDPA	Subtest 1	22.41	22.49	22.59	23.00
	Subtest 2	22.38	22.49	22.62	23.00
	Subtest 3	22.37	22.48	22.62	23.00
	Subtest 4	22.34	22.49	22.58	23.00
HSUPA	Subtest 1	20.05	20.47	20.16	21.00
	Subtest 2	19.91	20.41	20.08	21.00
	Subtest 3	19.88	20.62	20.39	21.00
	Subtest 4	19.95	20.70	20.13	21.00
	Subtest 5	19.73	20.15	20.28	21.00

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.1	23.33	23.01	24.00
HSDPA	Subtest 1	22.69	23.01	22.32	24.00
	Subtest 2	22.72	23.02	22.32	24.00
	Subtest 3	22.59	23.04	22.34	24.00
	Subtest 4	22.70	23.01	22.30	24.00
HSUPA	Subtest 1	20.55	21.22	19.79	21.50
	Subtest 2	19.92	20.39	20.17	21.50
	Subtest 3	20.01	20.76	20.18	21.50
	Subtest 4	20.02	20.94	20.35	21.50
	Subtest 5	19.98	20.92	20.00	21.50

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.78	22.79	22.64	23.50
HSDPA	Subtest 1	22.44	22.97	22.63	23.50
	Subtest 2	22.48	22.89	22.63	23.50
	Subtest 3	22.50	22.85	22.64	23.50
	Subtest 4	22.47	22.89	22.60	23.50
HSUPA	Subtest 1	19.84	20.42	20.29	21.00
	Subtest 2	19.75	20.85	20.58	21.00
	Subtest 3	19.70	20.42	20.36	21.00
	Subtest 4	19.80	20.84	20.22	21.00
	Subtest 5	20.28	20.79	20.80	21.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 4 of 12

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	23.60	23.32	23.39	24.00
		1	2	23.61	23.24	23.44	24.00
		1	5	23.60	23.35	23.47	24.00
		3	0	23.50	23.38	23.49	24.00
		3	2	23.54	23.40	23.49	24.00
		3	3	23.50	23.44	23.49	24.00
	16QAM	6	0	22.48	22.48	22.31	23.00
		1	0	22.63	22.01	22.37	23.00
		1	2	22.63	21.98	22.38	23.00
		1	5	22.70	22.01	22.43	23.00
		3	0	22.65	22.20	22.18	23.00
		3	2	22.66	22.22	22.14	23.00
		3	3	22.61	22.16	22.15	23.00
		6	0	21.51	21.25	21.54	22.00
3MHz	QPSK	1	0	23.41	23.27	23.34	24.00
		1	7	23.42	23.24	23.38	24.00
		1	14	23.39	23.30	23.37	24.00
		8	0	22.56	22.48	22.36	23.00
		8	4	22.51	22.31	22.37	23.00
		8	7	22.54	22.38	22.40	23.00
	16QAM	15	0	22.57	22.45	22.36	23.00
		1	0	22.66	22.78	22.06	23.00
		1	7	22.63	22.79	22.10	23.00
		1	14	22.65	22.79	22.09	23.00
		8	0	21.63	21.42	21.54	22.00
		8	4	21.59	21.39	21.76	22.00
		8	7	21.64	21.39	21.75	22.00
		15	0	21.44	21.33	21.61	22.00
5MHz	QPSK	1	0	23.43	23.30	23.30	24.00
		1	13	23.35	23.35	23.35	24.00
		1	24	23.37	23.34	23.34	24.00
		12	0	22.49	22.43	22.38	23.00
		12	6	22.56	22.45	22.31	23.00
		12	13	22.53	22.41	22.40	23.00
	16QAM	25	0	22.55	22.42	22.36	23.00
		1	0	21.70	22.35	22.43	23.00
		1	13	21.71	22.46	22.32	23.00
		1	24	21.53	22.40	22.40	23.00
		12	0	21.39	21.40	21.35	22.00
		12	6	21.43	21.46	21.42	22.00
		12	13	21.44	21.46	21.58	22.00
		25	0	21.51	21.44	21.46	22.00
10MHz	QPSK	1	0	23.52	23.47	23.27	24.00
		1	25	23.49	23.46	23.37	24.00
		1	49	23.49	23.51	23.48	24.00
		25	0	22.58	22.32	22.29	23.00
		25	13	22.43	22.43	22.37	23.00
		25	25	22.35	22.41	22.40	23.00
		50	0	22.44	22.40	22.36	23.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 5 of 12

		1	0	22.89	22.53	21.88	23.00
		1	25	22.87	22.57	21.86	23.00
		1	49	22.92	22.49	21.86	23.00
		25	0	21.47	21.43	21.70	22.00
		25	13	21.73	21.57	21.71	22.00
		25	25	21.49	21.49	21.46	22.00
		50	0	21.63	21.53	21.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
		1	0	23.56	23.30	23.16	24.00
		1	38	23.50	23.43	23.22	24.00
		1	74	23.32	23.25	23.31	24.00
		36	0	22.41	22.41	22.23	23.00
		36	18	22.36	22.49	22.27	23.00
		36	39	22.35	22.27	22.37	23.00
		75	0	22.28	22.38	22.24	23.00
		1	0	22.94	22.31	22.41	23.00
		1	38	22.72	22.51	22.48	23.00
		1	74	22.99	22.38	22.54	23.00
		36	0	21.67	21.42	21.63	22.00
		36	18	21.52	21.55	21.57	22.00
		36	39	21.55	21.48	21.38	22.00
		75	0	21.40	21.44	21.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
		1	0	23.49	23.25	23.47	24.00
		1	50	23.43	23.22	23.38	24.00
		1	99	23.28	23.12	23.46	24.00
		50	0	22.46	22.47	22.21	23.00
		50	25	22.66	22.56	22.29	23.00
		50	50	22.54	22.32	22.28	23.00
		100	0	22.58	22.49	22.30	23.00
		1	0	22.59	22.26	22.83	23.00
		1	50	22.70	22.29	22.57	23.00
		1	99	22.42	22.21	22.61	23.00
		50	0	21.75	21.39	21.61	22.00
		50	25	21.75	21.53	21.74	22.00
		50	50	21.67	21.32	21.69	22.00
		100	0	21.66	21.45	21.59	22.00

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
		1	0	23.41	23.40	23.24	24.50
		1	2	23.33	23.72	23.24	24.50
		1	5	23.13	23.65	23.30	24.50
		3	0	23.33	23.82	23.33	24.50
		3	2	23.24	23.75	23.37	24.50
		3	3	23.18	23.73	23.29	24.50
		6	0	22.57	22.69	22.45	23.50
		1	0	22.28	22.56	22.60	23.50
		1	2	22.23	22.78	22.68	23.50
		1	5	22.05	22.75	22.67	23.50
		3	0	22.51	22.62	22.17	23.50
		3	2	22.37	22.59	22.14	23.50
		3	3	22.33	22.56	22.20	23.50
		6	0	21.66	21.81	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 6 of 12

3MHz	QPSK	1	0	23.51	23.54	23.27	24.50
		1	7	23.20	23.73	23.26	24.50
		1	14	23.61	23.54	23.29	24.50
		8	0	22.57	22.57	22.35	23.50
		8	4	22.46	22.71	22.30	23.50
		8	7	22.78	22.66	22.38	23.50
		15	0	22.40	22.75	22.44	23.50
	16QAM	1	0	22.93	22.46	22.45	23.50
		1	7	22.63	22.54	22.42	23.50
		1	14	22.73	22.36	22.50	23.50
		8	0	21.68	21.81	21.57	22.50
		8	4	21.52	21.98	21.58	22.50
		8	7	22.07	21.94	21.61	22.50
		15	0	21.54	21.93	21.41	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	23.36	23.74	23.14	24.50
		1	13	23.47	23.75	23.09	24.50
		1	24	23.75	23.65	23.17	24.50
		12	0	22.44	22.70	22.32	23.50
		12	6	22.71	22.77	22.38	23.50
		12	13	22.48	22.62	22.38	23.50
		25	0	22.68	22.80	22.45	23.50
	16QAM	1	0	22.02	22.93	22.38	23.50
		1	13	21.94	22.83	22.33	23.50
		1	24	22.10	22.81	22.45	23.50
		12	0	21.48	21.81	21.32	22.50
		12	6	21.93	21.83	21.40	22.50
		12	13	21.59	21.69	21.41	22.50
		25	0	21.93	21.86	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.37	23.74	23.50	24.50
		1	25	23.75	23.87	23.49	24.50
		1	49	23.84	23.68	23.47	24.50
		25	0	22.63	22.87	22.35	23.50
		25	13	22.73	22.80	22.29	23.50
		25	25	22.65	22.74	22.33	23.50
	16QAM	50	0	22.71	22.83	22.34	23.50
		1	0	23.07	22.78	21.97	23.50
		1	25	23.13	22.94	21.88	23.50
		1	49	23.26	22.66	21.97	23.50
		25	0	21.86	22.03	21.46	22.50
		25	13	21.81	21.94	21.47	22.50
		25	25	21.91	21.79	21.54	22.50
		50	0	21.80	21.96	21.33	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.32	23.88	23.47	24.50
		1	38	23.63	23.86	23.47	24.50
		1	74	24.03	23.55	23.42	24.50
		36	0	22.94	22.74	22.44	23.50
		36	18	22.64	22.85	22.44	23.50
		36	39	22.90	22.59	22.27	23.50
	16QAM	75	0	22.58	22.83	22.45	23.50
		1	0	23.01	23.00	22.67	23.50
		1	38	22.97	22.94	22.66	23.50
		1	74	23.49	22.65	22.73	23.50
		36	0	22.12	21.98	21.52	22.50
		36	18	21.91	22.01	21.39	22.50
		36	39	22.05	21.85	21.38	22.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 7 of 12

Bandwidth	Modulation	75 RB size	0 RB offset	21.73 Channel	21.99 Channel	21.41 Channel	22.50 Tune up
20MHz	QPSK	1	0	/	23.76	/	24.50
		1	50	/	23.76	/	24.50
		1	99	/	23.39	/	24.50
		50	0	/	22.72	/	23.50
		50	25	/	22.53	/	23.50
		50	50	/	22.52	/	23.50
		100	0	/	22.82	/	23.50
	16QAM	1	0	/	22.80	/	23.50
		1	50	/	22.86	/	23.50
		1	99	/	22.50	/	23.50
		50	0	/	21.88	/	22.50
		50	25	/	21.93	/	22.50
		50	50	/	21.77	/	22.50
		100	0	/	21.91	/	22.50

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	23.54	23.33	23.35	24.00
		1	2	23.44	23.32	23.28	24.00
		1	5	23.52	23.39	23.32	24.00
		3	0	23.49	23.50	23.41	24.00
		3	2	23.44	23.53	23.46	24.00
		3	3	23.42	23.48	23.40	24.00
		6	0	22.42	22.40	22.37	23.00
	16QAM	1	0	21.93	22.46	22.97	23.00
		1	2	21.93	22.49	22.88	23.00
		1	5	21.91	22.51	22.95	23.00
		3	0	22.11	22.33	22.18	23.00
		3	2	22.08	22.27	22.23	23.00
		3	3	22.10	22.35	22.19	23.00
		6	0	21.59	21.37	21.80	22.00
3MHz	QPSK	1	0	23.48	23.46	23.43	24.00
		1	7	23.47	23.43	23.39	24.00
		1	14	23.47	23.41	23.38	24.00
		8	0	22.48	22.39	22.45	23.00
		8	4	22.42	22.44	22.42	23.00
		8	7	22.53	22.48	22.38	23.00
		15	0	22.39	22.43	22.46	23.00
	16QAM	1	0	22.56	22.08	22.71	23.00
		1	7	22.54	22.15	22.65	23.00
		1	14	22.50	22.12	22.64	23.00
		8	0	21.63	21.75	21.99	22.00
		8	4	21.65	21.56	21.92	22.00
		8	7	21.53	21.54	21.90	22.00
		15	0	21.61	21.33	21.68	22.00
5MHz	QPSK	1	0	23.33	23.35	23.43	24.00
		1	13	23.23	23.34	23.25	24.00
		1	24	23.31	23.44	23.28	24.00
		12	0	22.36	22.50	22.58	23.00
		12	6	22.37	22.41	22.37	23.00
		12	13	22.58	22.39	22.44	23.00
		12	13	22.58	22.39	22.44	23.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 8 of 12

	16QAM	25	0	22.33	22.49	22.48	23.00
		1	0	21.56	22.42	22.62	23.00
		1	13	21.54	22.48	22.36	23.00
		1	24	21.51	22.62	22.43	23.00
		12	0	21.47	21.57	21.71	22.00
		12	6	21.48	21.45	21.70	22.00
		12	13	21.39	21.47	21.66	22.00
		25	0	21.52	21.35	21.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	20525	/	24.00
		1	25	/	23.50	/	24.00
		1	49	/	23.71	/	24.00
		25	0	/	22.30	/	23.00
		25	13	/	22.45	/	23.00
		25	25	/	22.55	/	23.00
	16QAM	50	0	/	22.41	/	23.00
		1	0	/	22.57	/	23.00
		1	25	/	22.64	/	23.00
		1	49	/	22.78	/	23.00
		25	0	/	21.74	/	22.00
		25	13	/	21.48	/	22.00
		25	25	/	21.70	/	22.00
		50	0	/	21.44	/	22.00

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	22.50
		1	13	21.70	21.62	21.64	22.50
		1	24	21.58	21.60	21.63	22.50
		12	0	21.70	21.59	21.70	22.50
		12	6	20.70	20.69	20.72	21.50
		12	13	20.67	20.61	20.88	21.50
	16QAM	25	0	20.64	20.70	20.85	21.50
		25	0	20.73	20.74	20.85	21.50
		1	0	19.84	20.60	20.76	21.50
		1	13	19.91	20.66	20.84	21.50
		1	24	19.82	20.74	20.91	21.50
		12	0	19.76	19.90	19.77	20.50
10MHz	QPSK	12	6	19.71	19.76	19.81	20.50
		12	13	19.66	19.95	19.79	20.50
		25	0	19.88	19.83	19.88	20.50
	16QAM	20800		21100	21400		
		1	0	21.69	21.73	22.09	22.50
		1	25	21.69	21.64	21.84	22.50
		1	49	21.61	21.75	21.89	22.50
		25	0	20.68	20.76	20.83	21.50
	16QAM	25	13	20.69	20.68	20.80	21.50
		25	25	20.85	20.74	20.87	21.50
		50	0	20.67	20.74	20.83	21.50
		1	0	21.12	20.92	20.33	21.50
		1	25	21.19	20.83	20.35	21.50
		1	49	21.06	20.89	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 9 of 12

15MHz	QPSK	1	0	21.63	21.76	21.89	22.50
		1	38	21.61	21.66	21.81	22.50
		1	74	21.58	21.71	21.82	22.50
		36	0	20.73	20.78	20.90	21.50
		36	18	20.61	20.67	20.85	21.50
		36	39	20.86	20.72	20.78	21.50
		75	0	20.75	20.66	20.82	21.50
	16QAM	1	0	21.01	20.98	21.20	21.50
		1	38	21.15	20.94	21.17	21.50
		1	74	21.12	20.94	21.16	21.50
		36	0	20.12	19.94	19.85	20.50
		36	18	20.01	19.77	19.87	20.50
		36	39	19.78	19.71	19.77	20.50
		75	0	19.89	19.74	19.86	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.75	21.81	21.98	22.50
		1	50	21.62	21.74	21.98	22.50
		1	99	21.70	21.75	21.96	22.50
		50	0	20.63	20.90	20.86	21.50
		50	25	20.50	20.60	20.77	21.50
		50	50	20.61	20.66	20.84	21.50
		100	0	20.69	20.72	20.60	21.50
	16QAM	1	0	20.46	21.25	21.46	21.50
		1	50	20.57	21.21	21.43	21.50
		1	99	20.63	21.13	21.48	21.50
		50	0	19.90	19.89	19.92	20.50
		50	25	19.95	19.92	19.87	20.50
		50	50	19.91	19.79	19.75	20.50
		100	0	19.86	19.75	19.83	20.50

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.02	23.74	23.67	25.00
		1	13	23.92	23.92	23.62	25.00
		1	24	23.91	23.79	23.64	25.00
		12	0	22.98	22.83	22.71	24.00
		12	6	22.92	22.76	22.58	24.00
		12	13	22.98	22.78	22.69	24.00
		25	0	22.96	22.80	22.68	24.00
	16QAM	1	0	22.88	22.92	23.38	24.00
		1	13	22.78	22.85	23.16	24.00
		1	24	22.75	22.85	23.64	24.00
		12	0	21.88	21.89	21.59	23.00
		12	6	21.64	21.79	21.48	23.00
		12	13	21.87	21.70	21.60	23.00
		25	0	21.76	21.79	21.71	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.06	23.84	23.51	25.00
		1	25	23.85	23.92	23.58	25.00
		1	49	23.87	23.74	23.63	25.00
		25	0	22.87	22.87	22.76	24.00
		25	13	22.77	22.87	22.76	24.00
		25	25	22.80	22.80	22.67	24.00
		50	0	22.81	22.73	22.73	24.00
	16QAM	1	0	22.86	23.55	22.66	24.00
		1	25	22.66	23.47	22.76	24.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250600239310

Page: 10 of 12

		1	49	22.71	23.45	22.68	24.00
		25	0	21.83	22.00	21.86	23.00
		25	13	21.81	21.91	21.90	23.00
		25	25	21.81	21.93	21.89	23.00
		50	0	21.90	21.98	21.50	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	24.06	23.85	23.64	25.00
		1	38	23.91	23.73	23.54	25.00
		1	74	23.93	23.68	23.47	25.00
		36	0	22.80	22.84	22.62	24.00
		36	18	22.90	22.88	22.59	24.00
		36	39	22.79	22.76	22.59	24.00
		75	0	22.80	22.82	22.61	24.00
	16QAM	1	0	22.94	23.65	22.64	24.00
		1	38	22.82	23.56	22.72	24.00
		1	74	22.59	23.44	22.48	24.00
		36	0	21.73	21.91	21.71	23.00
		36	18	21.83	21.75	21.80	23.00
		36	39	21.81	21.85	21.70	23.00
		75	0	21.88	21.88	21.74	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	23.82	/	25.00
		1	50	/	23.71	/	25.00
		1	99	/	23.71	/	25.00
		50	0	/	22.88	/	24.00
		50	25	/	22.83	/	24.00
		50	50	/	22.70	/	24.00
		100	0	/	22.75	/	24.00
	16QAM	1	0	/	22.58	/	24.00
		1	50	/	22.68	/	24.00
		1	99	/	22.68	/	24.00
		50	0	/	21.93	/	23.00
		50	25	/	21.81	/	23.00
		50	50	/	21.76	/	23.00
		100	0	/	21.73	/	23.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2 Conducted Power of WIFI and Bluetooth

2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G					
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.88	14.00
	6	2437		13.45	14.00
	11	2462		13.33	14.00
802.11g	1	2412	6	12.35	13.00
	6	2437		11.65	13.00
	11	2462		12.86	13.00
802.11n HT20	1	2412	6.5	11.24	12.00
	6	2437		11.58	12.00
	11	2462		11.93	12.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2.2 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	1.53	0.85	0.76	2.00
	$\pi/4$ DQPSK	0.91	0.52	0.43	1.00
	8DPSK	1.12	0.79	0.58	2.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	-0.58	-1.64	-1.08	0.00

- End of the Appendix -