

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 Testing Laboratory

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 Cat-M1

1.1 Conducted Power of Cat-M1 Band 2

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	22.73	22.51	22.51	24.00
		1	2	22.71	22.53	22.43	24.00
		1	5	22.76	22.67	22.71	24.00
		3	0	23.46	23.77	23.84	24.00
		3	1	23.65	23.82	23.93	24.00
		3	3	23.72	23.65	23.59	24.00
		6	0	22.54	22.59	22.88	24.00
	16QAM	1	0	22.77	22.61	22.69	24.00
		1	2	23.05	22.92	22.74	24.00
		1	5	22.72	22.62	23.06	24.00
		3	0	23.75	23.72	23.79	24.00
		3	1	23.76	23.71	23.77	24.00
		3	3	23.68	23.75	23.61	24.00
		5	0	22.69	22.73	22.93	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.73	22.54	22.47	24.00
		1	2	22.78	22.60	22.44	24.00
		1	5	22.72	22.72	22.61	24.00
		3	0	22.55	22.71	22.83	24.00
		3	1	22.65	22.84	22.91	24.00
		3	3	22.64	22.75	22.69	24.00
		6	0	22.64	22.52	22.85	24.00
	16QAM	1	0	22.79	22.68	22.60	24.00
		1	2	22.95	22.85	22.66	24.00
		1	5	22.67	22.59	22.99	24.00
		3	0	22.70	22.64	22.77	24.00
		3	1	22.80	22.77	22.72	24.00
		3	3	22.60	22.68	22.70	24.00
		5	0	22.61	22.79	22.86	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.81	22.56	22.53	24.00



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

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

Report No.: SZCR250700285005

Page: 3 of 35

		1	2	22.84	22.52	22.51	24.00
		1	5	22.65	22.77	22.59	24.00
		3	0	22.45	22.63	22.74	24.00
		3	1	22.55	22.93	22.81	24.00
		3	3	22.62	22.66	22.65	24.00
		6	0	22.72	22.53	22.83	24.00
	16QAM	1	0	22.83	22.75	22.55	24.00
		1	2	22.95	22.76	22.67	24.00
		1	5	22.71	22.58	22.96	24.00
		3	0	22.72	22.70	22.78	24.00
		3	1	22.82	22.79	22.78	24.00
		3	3	22.59	22.76	22.78	24.00
		5	0	22.62	22.79	22.87	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.82	22.60	22.61	24.00
		1	2	22.80	22.59	22.59	24.00
		1	5	22.75	22.71	22.57	24.00
		3	0	22.53	22.53	22.66	24.00
		3	1	22.62	22.87	22.78	24.00
		3	3	22.62	22.66	22.68	24.00
		6	0	22.75	22.48	22.84	24.00
	16QAM	1	0	22.74	22.77	22.60	24.00
		1	2	22.88	22.84	22.62	24.00
		1	5	22.66	22.65	22.86	24.00
		3	0	22.66	22.75	22.73	24.00
		3	1	22.77	22.72	22.86	24.00
		3	3	22.65	22.79	22.68	24.00
		5	0	22.71	22.86	22.80	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.84	22.70	22.71	24.00
		1	2	22.70	22.66	22.67	24.00
		1	5	22.74	22.67	22.67	24.00
		3	0	22.63	22.59	22.68	24.00
		3	1	22.56	22.82	22.83	24.00
		3	3	22.71	22.67	22.76	24.00
		6	0	22.76	22.55	22.78	24.00
	16QAM	1	0	22.69	22.67	22.54	24.00
		1	2	22.78	22.81	22.68	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.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.: SZCR250700285005

Page: 4 of 35

		1	5	22.63	22.58	22.76	24.00
		3	0	22.64	22.71	22.74	24.00
		3	1	22.67	22.63	22.79	24.00
		3	3	22.65	22.71	22.65	24.00
		5	0	22.66	22.77	22.80	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.79	22.71	22.66	24.00
		1	2	22.79	22.69	22.65	24.00
		1	5	22.71	22.67	22.76	24.00
		3	0	22.66	22.62	22.74	24.00
		3	1	22.66	22.79	22.77	24.00
		3	3	22.70	22.74	22.78	24.00
		6	0	22.78	22.64	22.76	24.00
	16QAM	1	0	22.74	22.69	22.64	24.00
		1	2	22.70	22.78	22.66	24.00
		1	5	22.72	22.65	22.75	24.00
		3	0	22.68	22.70	22.75	24.00
		3	1	22.66	22.72	22.73	24.00
		3	3	22.68	22.76	22.71	24.00
		5	0	22.72	22.78	22.71	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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
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 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1.2 Conducted Power of Cat-M1 Band 4

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	22.61	22.51	22.47	24.00
		1	2	22.76	22.82	22.72	24.00
		1	5	22.75	22.73	22.70	24.00
		3	0	22.68	22.71	22.61	24.00
		3	1	22.73	22.75	22.56	24.00
		3	3	22.91	22.94	22.88	24.00
		6	0	22.96	23.01	23.02	24.00
	16QAM	1	0	22.74	22.83	22.78	24.00
		1	2	22.96	22.90	22.95	24.00
		1	5	22.78	22.77	22.72	24.00
		3	0	22.72	22.84	22.75	24.00
		3	1	22.74	22.78	22.85	24.00
		3	3	22.75	22.69	22.61	24.00
		5	0	22.69	22.78	22.71	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.47	22.46	22.55	24.00
		1	2	22.85	22.75	22.81	24.00
		1	5	22.84	22.79	22.80	24.00
		3	0	22.87	22.78	22.86	24.00
		3	1	22.75	22.75	22.75	24.00
		3	3	23.00	22.91	22.97	24.00
		6	0	23.04	22.96	22.91	24.00
	16QAM	1	0	22.79	22.88	22.95	24.00
		1	2	22.79	22.80	22.74	24.00
		1	5	22.81	22.84	22.92	24.00
		3	0	22.97	23.00	23.08	24.00
		3	1	22.63	22.67	22.73	24.00
		3	3	22.65	22.62	22.67	24.00
		5	0	22.76	22.72	22.79	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.62	22.55	22.57	24.00
		1	2	22.82	22.73	22.78	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.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.: SZCR250700285005

Page: 6 of 35

		1	5	22.81	22.72	22.62	24.00
		3	0	22.78	22.77	22.80	24.00
		3	1	22.66	22.76	22.86	24.00
		3	3	22.80	22.88	22.95	24.00
		6	0	22.79	22.87	22.96	24.00
	16QAM	1	0	22.80	22.84	22.85	24.00
		1	2	22.90	22.89	22.88	24.00
		1	5	22.70	22.77	22.68	24.00
		3	0	22.89	22.92	23.00	24.00
		3	1	22.73	22.67	22.64	24.00
		3	3	22.70	22.68	22.72	24.00
		5	0	22.63	22.73	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.59	22.51	22.58	24.00
		1	2	22.86	22.82	22.92	24.00
		1	5	22.72	22.70	22.65	24.00
		3	0	22.63	22.68	22.65	24.00
		3	1	22.83	22.77	22.87	24.00
		3	3	22.92	22.85	22.76	24.00
		6	0	22.78	22.84	22.93	24.00
	16QAM	1	0	22.88	22.81	22.81	24.00
		1	2	22.84	22.84	22.93	24.00
		1	5	22.75	22.77	22.79	24.00
		3	0	22.90	22.89	22.95	24.00
		3	1	22.74	22.76	22.81	24.00
		3	3	22.68	22.76	22.84	24.00
		5	0	22.81	22.77	22.83	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.62	22.56	22.59	24.00
		1	2	22.74	22.78	22.85	24.00
		1	5	22.82	22.78	22.82	24.00
		3	0	22.73	22.69	22.75	24.00
		3	1	22.72	22.74	22.71	24.00
		3	3	22.86	22.76	22.76	24.00
		6	0	22.87	22.94	22.94	24.00
	16QAM	1	0	22.80	22.78	22.83	24.00
		1	2	22.80	22.79	22.88	24.00
		1	5	22.65	22.68	22.61	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.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.: SZCR250700285005

Page: 7 of 35

		3	0	22.83	22.80	22.79	24.00
		3	1	22.65	22.71	22.61	24.00
		3	3	22.81	22.79	22.75	24.00
		5	0	22.69	22.71	22.69	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	22.61	/	24.00
		1	2	/	22.75	/	24.00
		1	5	/	22.69	/	24.00
		3	0	/	22.73	/	24.00
		3	1	/	22.66	/	24.00
		3	3	/	22.68	/	24.00
		6	0	/	22.96	/	24.00
	16QAM	1	0	/	22.71	/	24.00
		1	2	/	22.75	/	24.00
		1	5	/	22.70	/	24.00
		3	0	/	22.84	/	24.00
		3	1	/	22.73	/	24.00
		3	3	/	22.77	/	24.00
		5	0	/	22.72	/	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

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

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

1.3 Conducted Power of Cat-M1 Band 5

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	22.99	23.00	22.93	24.00
		1	2	23.11	22.99	23.08	24.00
		1	5	23.01	22.90	23.09	24.00
		3	0	21.85	21.77	21.86	23.00
		3	1	21.93	21.88	21.86	23.00
		3	3	21.86	21.81	21.95	23.00
		6	0	21.01	21.14	21.04	23.00
	16QAM	1	0	22.01	21.90	21.98	23.00
		1	2	21.79	22.03	21.78	23.00
		1	5	21.96	21.81	21.89	23.00
		3	0	20.77	20.94	20.90	22.00
		3	1	20.80	20.70	20.95	22.00
		3	3	20.91	21.04	20.96	22.00
		5	0	20.82	20.78	20.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.90	22.87	22.82	24.00
		1	2	23.11	23.03	22.99	24.00
		1	5	22.95	22.93	22.97	24.00
		3	0	21.86	21.81	21.79	23.00
		3	1	21.74	21.83	21.80	23.00
		3	3	21.97	21.97	22.02	23.00
		6	0	21.11	21.14	21.21	23.00
	16QAM	1	0	21.82	21.87	21.78	23.00
		1	2	21.83	21.88	21.83	23.00
		1	5	21.73	21.79	21.89	23.00
		3	0	20.89	20.93	20.97	22.00
		3	1	20.63	20.72	20.66	22.00
		3	3	21.12	21.08	21.01	22.00
		5	0	20.73	20.80	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.88	22.85	22.94	24.00
		1	2	22.95	23.00	23.04	24.00



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

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

Report No.: SZCR250700285005

Page: 9 of 35

		1	5	22.91	22.97	23.01	24.00
		3	0	21.77	21.79	21.72	23.00
		3	1	22.00	21.91	21.92	23.00
		3	3	22.04	21.98	21.98	23.00
		6	0	21.14	21.07	21.12	23.00
	16QAM	1	0	21.69	21.78	21.88	23.00
		1	2	21.80	21.88	21.87	23.00
		1	5	21.74	21.76	21.74	23.00
		3	0	20.94	20.85	20.78	22.00
		3	1	20.81	20.71	20.68	22.00
		3	3	21.08	21.04	20.94	22.00
		5	0	20.80	20.82	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	22.95	/	24.00
		1	2	/	23.05	/	24.00
		1	5	/	22.89	/	24.00
		3	0	/	21.82	/	23.00
		3	1	/	21.91	/	23.00
		3	3	/	21.90	/	23.00
		6	0	/	21.11	/	23.00
	16QAM	1	0	/	21.83	/	23.00
		1	2	/	21.98	/	23.00
		1	5	/	21.82	/	23.00
		3	0	/	20.89	/	22.00
		3	1	/	20.79	/	22.00
		3	3	/	21.00	/	22.00
		5	0	/	20.77	/	22.00



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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
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 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1.4 Conducted Power of Cat-M1 Band 8

LTE FDD Band 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				21632		21648	
1.4MHz	QPSK	1	0	22.77	22.71	22.80	24.00
		1	2	22.81	22.89	22.92	24.00
		1	5	22.77	22.73	22.80	24.00
		3	0	21.75	21.71	21.78	23.00
		3	1	21.71	21.80	21.74	23.00
		3	3	21.75	21.90	21.77	23.00
		6	0	21.93	20.04	20.08	22.00
	16QAM	1	0	22.51	22.65	22.56	24.00
		1	2	22.61	22.61	22.56	24.00
		1	5	22.66	22.47	22.55	24.00
		3	0	21.52	21.59	21.56	23.00
		3	1	21.58	21.55	21.52	23.00
		3	3	21.53	21.64	21.56	23.00
		5	0	20.45	20.55	20.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	/	22.78	/	24.00
		1	2	/	22.89	/	24.00
		1	5	/	22.75	/	24.00
		3	0	/	21.72	/	23.00
		3	1	/	21.70	/	23.00
		3	3	/	21.83	/	23.00
		6	0	/	20.12	/	22.00
	16QAM	1	0	/	22.60	/	24.00
		1	2	/	22.64	/	24.00
		1	5	/	22.54	/	24.00
		3	0	/	21.57	/	23.00
		3	1	/	21.46	/	23.00
		3	3	/	21.60	/	23.00
		5	0	/	20.50	/	22.00

1.5 Conducted Power of Cat-M1 Band 12

LTE FDD Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.64	22.49	22.63	24.00
		1	2	22.91	22.92	22.83	24.00
		1	5	22.77	22.79	22.78	24.00
		3	0	21.52	21.64	21.67	23.00
		3	1	21.96	21.93	21.92	23.00
		3	3	21.80	21.79	21.83	23.00
		6	0	21.78	21.76	21.97	23.00
	16QAM	1	0	22.67	22.63	22.68	24.00
		1	2	22.70	22.46	22.55	24.00
		1	5	22.67	22.64	22.82	24.00
		3	0	21.44	21.58	21.63	23.00
		3	1	21.33	21.40	21.40	23.00
		3	3	21.74	21.70	21.74	23.00
		5	0	20.53	20.57	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	22.58	22.58	22.57	24.00
		1	2	22.88	22.92	22.84	24.00
		1	5	22.85	22.79	22.76	24.00
		3	0	21.53	21.58	21.64	23.00
		3	1	22.00	21.95	21.90	23.00
		3	3	21.77	21.83	21.80	23.00
		6	0	21.81	21.81	21.90	23.00
	16QAM	1	0	22.66	22.60	22.67	24.00
		1	2	22.62	22.55	22.46	24.00
		1	5	22.63	22.71	22.80	24.00
		3	0	21.50	21.57	21.65	23.00
		3	1	21.26	21.33	21.39	23.00
		3	3	21.77	21.70	21.71	23.00
		5	0	20.62	20.63	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.46	22.53	22.54	24.00
		1	2	22.92	22.95	22.88	24.00



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

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

Report No.: SZCR250700285005

Page: 12 of 35

		1	5	22.78	22.73	22.65	24.00
		3	0	21.68	21.66	21.66	23.00
		3	1	21.87	21.90	21.83	23.00
		3	3	21.74	21.79	21.85	23.00
		6	0	21.92	21.91	21.97	23.00
	16QAM	1	0	22.67	22.61	22.64	24.00
		1	2	22.44	22.50	22.43	24.00
		1	5	22.54	22.62	22.72	24.00
		3	0	21.40	21.47	21.42	23.00
		3	1	21.52	21.42	21.39	23.00
		3	3	21.57	21.66	21.69	23.00
		5	0	20.55	20.64	20.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	22.63	/	24.00
		1	2	/	22.88	/	24.00
		1	5	/	22.81	/	24.00
		3	0	/	21.69	/	23.00
		3	1	/	21.80	/	23.00
		3	3	/	21.79	/	23.00
		6	0	/	21.90	/	23.00
	16QAM	1	0	/	22.61	/	24.00
		1	2	/	22.59	/	24.00
		1	5	/	22.62	/	24.00
		3	0	/	21.54	/	23.00
		3	1	/	21.52	/	23.00
		3	3	/	21.63	/	23.00
		5	0	/	20.63	/	22.00



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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
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 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1.6 Conducted Power of Cat-M1 Band 13

LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	22.16	/	23.00
		1	2	/	22.08	/	23.00
		1	5	/	22.10	/	23.00
		3	0	/	21.02	/	22.00
		3	1	/	21.04	/	22.00
		3	3	/	21.04	/	22.00
		6	0	/	21.17	/	22.00
	16QAM	1	0	/	21.62	/	23.00
		1	2	/	21.32	/	23.00
		1	5	/	21.48	/	23.00
		3	0	/	20.98	/	22.00
		3	1	/	20.92	/	22.00
		3	3	/	20.96	/	22.00
		5	0	/	19.92	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	22.22	/	23.00
		1	2	/	22.12	/	23.00
		1	5	/	22.05	/	23.00
		3	0	/	21.06	/	22.00
		3	1	/	20.98	/	22.00
		3	3	/	21.04	/	22.00
		6	0	/	21.08	/	22.00
	16QAM	1	0	/	21.7	/	23.00
		1	2	/	21.39	/	23.00
		1	5	/	21.57	/	23.00
		3	0	/	20.91	/	22.00
		3	1	/	20.89	/	22.00
		3	3	/	20.89	/	22.00
		5	0	/	19.92	/	21.00

1.7 Conducted Power of Cat-M1 Band 25

LTE Band 25				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	22.89	22.93	22.68	24.00
		1	2	22.94	22.37	22.60	24.00
		1	5	22.65	22.60	22.76	24.00
		3	0	23.61	23.52	23.91	24.00
		3	1	23.60	23.68	23.66	24.00
		3	3	23.58	23.62	23.46	24.00
		6	0	22.79	22.93	22.90	24.00
	16QAM	1	0	22.85	22.66	22.60	24.00
		1	2	22.76	22.79	22.90	24.00
		1	5	22.85	22.54	22.80	24.00
		3	0	23.69	23.67	23.73	24.00
		3	1	23.93	23.93	23.86	24.00
		3	3	23.54	23.66	23.69	24.00
		5	0	23.01	22.84	22.95	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	22.88	22.93	22.67	24.00
		1	2	23.00	22.46	22.55	24.00
		1	5	22.62	22.55	22.86	24.00
		3	0	22.58	22.59	22.83	24.00
		3	1	22.65	22.59	22.76	24.00
		3	3	22.58	22.68	22.49	24.00
		6	0	22.76	22.87	22.80	24.00
	16QAM	1	0	22.77	22.72	22.70	24.00
		1	2	22.70	22.89	22.91	24.00
		1	5	22.88	22.58	22.75	24.00
		3	0	22.72	22.59	22.70	24.00
		3	1	22.89	22.97	22.81	24.00
		3	3	22.55	22.73	22.61	24.00
		5	0	22.95	22.76	22.91	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	22.86	22.84	22.74	24.00
		1	2	22.92	22.46	22.61	24.00



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

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

Report No.: SZCR250700285005

Page: 15 of 35

		1	5	22.63	22.63	22.80	24.00
		3	0	22.56	22.65	22.80	24.00
		3	1	22.69	22.68	22.78	24.00
		3	3	22.65	22.70	22.59	24.00
		6	0	22.70	22.77	22.84	24.00
	16QAM	1	0	22.67	22.68	22.69	24.00
		1	2	22.80	22.99	22.82	24.00
		1	5	22.84	22.64	22.67	24.00
		3	0	22.74	22.64	22.75	24.00
		3	1	22.82	22.89	22.73	24.00
		3	3	22.58	22.72	22.59	24.00
		5	0	22.86	22.83	22.81	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	22.92	22.80	22.81	24.00
		1	2	22.87	22.55	22.70	24.00
		1	5	22.58	22.66	22.77	24.00
		3	0	22.51	22.67	22.72	24.00
		3	1	22.72	22.74	22.76	24.00
		3	3	22.71	22.66	22.60	24.00
		6	0	22.73	22.78	22.75	24.00
	16QAM	1	0	22.66	22.63	22.61	24.00
		1	2	22.71	22.94	22.79	24.00
		1	5	22.81	22.57	22.68	24.00
		3	0	22.79	22.59	22.70	24.00
		3	1	22.82	22.82	22.74	24.00
		3	3	22.59	22.78	22.64	24.00
		5	0	22.85	22.81	22.86	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	22.87	22.72	22.74	24.00
		1	2	22.81	22.54	22.80	24.00
		1	5	22.67	22.68	22.75	24.00
		3	0	22.58	22.59	22.72	24.00
		3	1	22.80	22.72	22.70	24.00
		3	3	22.69	22.66	22.69	24.00
		6	0	22.82	22.72	22.65	24.00
	16QAM	1	0	22.75	22.71	22.64	24.00
		1	2	22.73	22.88	22.71	24.00
		1	5	22.83	22.67	22.68	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.: SZCR250700285005

Page: 16 of 35

		3	0	22.76	22.57	22.68	24.00
		3	1	22.73	22.83	22.67	24.00
		3	3	22.63	22.75	22.58	24.00
		5	0	22.77	22.72	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	22.81	22.66	22.67	24.00
		1	2	22.85	22.64	22.72	24.00
		1	5	22.69	22.64	22.69	24.00
		3	0	22.62	22.64	22.79	24.00
		3	1	22.75	22.79	22.79	24.00
		3	3	22.65	22.68	22.78	24.00
		6	0	22.73	22.68	22.74	24.00
	16QAM	1	0	22.65	22.72	22.64	24.00
		1	2	22.79	22.87	22.73	24.00
		1	5	22.76	22.68	22.73	24.00
		3	0	22.72	22.65	22.76	24.00
		3	1	22.67	22.76	22.64	24.00
		3	3	22.71	22.82	22.66	24.00
		5	0	22.77	22.72	22.79	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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
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 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1.8 Conducted Power of Cat-M1 Band 26

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.03	22.92	22.90	24.00
		1	2	22.98	22.95	22.83	24.00
		1	5	23.14	23.05	23.15	24.00
		3	0	21.86	21.93	21.85	23.00
		3	1	21.94	21.84	21.88	23.00
		3	3	22.01	21.90	21.95	23.00
		6	0	21.04	20.87	20.98	22.00
	16QAM	1	0	21.76	21.79	21.72	23.00
		1	2	22.16	22.17	22.00	23.00
		1	5	21.91	21.90	22.06	23.00
		3	0	20.75	20.88	20.65	22.00
		3	1	20.89	20.92	21.05	22.00
		3	3	21.07	20.93	20.96	22.00
		5	0	20.79	20.69	20.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.97	22.92	22.84	24.00
		1	2	22.90	22.96	22.92	24.00
		1	5	23.09	23.05	23.11	24.00
		3	0	21.85	21.88	21.80	23.00
		3	1	21.91	21.92	21.90	23.00
		3	3	21.98	21.98	22.03	23.00
		6	0	20.97	20.90	20.95	22.00
	16QAM	1	0	21.69	21.78	21.75	23.00
		1	2	22.09	22.12	22.03	23.00
		1	5	21.88	21.97	21.99	23.00
		3	0	20.82	20.81	20.71	22.00
		3	1	20.90	20.97	21.02	22.00
		3	3	21.00	21.00	20.97	22.00
		5	0	20.82	20.74	20.69	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.88	22.89	22.90	24.00
		1	2	23.06	22.98	22.88	24.00



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

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

Report No.: SZCR250700285005

Page: 18 of 35

		1	5	23.00	23.07	23.09	24.00
		3	0	21.99	21.95	21.97	23.00
		3	1	21.82	21.89	21.95	23.00
		3	3	21.95	21.95	21.90	23.00
		6	0	20.96	20.99	20.92	22.00
	16QAM	1	0	21.84	21.86	21.91	23.00
		1	2	22.06	22.08	22.12	23.00
		1	5	22.01	21.92	21.91	23.00
		3	0	20.76	20.85	20.79	22.00
		3	1	20.80	20.88	20.90	22.00
		3	3	21.01	20.95	20.88	22.00
		5	0	20.79	20.71	20.65	22.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
					26740	26865	26990
10MHz	QPSK	1	0	22.82	22.92	22.95	24.00
		1	2	22.96	23.03	23.05	24.00
		1	5	22.91	22.97	23.01	24.00
		3	0	22.00	21.90	21.99	23.00
		3	1	21.92	21.97	22.07	23.00
		3	3	22.11	22.03	22.10	23.00
		6	0	20.94	21.03	21.09	22.00
	16QAM	1	0	21.95	21.95	21.99	23.00
		1	2	22.02	22.01	21.99	23.00
		1	5	21.78	21.82	21.92	23.00
		3	0	20.98	20.92	20.98	22.00
		3	1	20.99	20.90	20.88	22.00
		3	3	20.90	20.93	20.88	22.00
		5	0	20.83	20.81	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	22.86	/	24.00
		1	2	/	23.06	/	24.00
		1	5	/	22.94	/	24.00
		3	0	/	21.86	/	23.00
		3	1	/	21.93	/	23.00
		3	3	/	21.97	/	23.00
		6	0	/	21.05	/	22.00
	16QAM	1	0	/	21.88	/	23.00
		1	2	/	21.91	/	23.00
		1	5	/	21.89	/	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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
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 www.sgsgroup.com.cn
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.: SZCR250700285005

Page: 19 of 35

		3	0	/	20.91	/	22.00
		3	1	/	20.87	/	22.00
		3	3	/	20.91	/	22.00
		5	0	/	20.81	/	22.00



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

1.9 Conducted Power of Cat-M1 Band 66

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	22.87	22.63	22.70	24.00
		1	2	23.00	22.71	22.56	24.00
		1	5	22.37	23.08	22.74	24.00
		3	0	22.55	22.68	22.66	24.00
		3	1	22.78	22.64	22.75	24.00
		3	3	22.64	22.40	22.82	24.00
		6	0	22.73	22.82	22.71	24.00
	16QAM	1	0	22.30	22.52	22.95	24.00
		1	2	22.84	22.92	22.70	24.00
		1	5	22.76	22.75	22.79	24.00
		3	0	22.92	22.25	22.84	24.00
		3	1	22.66	22.95	22.72	24.00
		3	3	22.57	23.08	22.48	24.00
		5	0	22.78	22.50	22.97	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.82	22.72	22.71	24.00
		1	2	22.91	22.68	22.64	24.00
		1	5	22.46	23.00	22.65	24.00
		3	0	22.60	22.76	22.74	24.00
		3	1	22.78	22.67	22.69	24.00
		3	3	22.69	22.48	22.84	24.00
		6	0	22.69	22.88	22.64	24.00
	16QAM	1	0	22.28	22.50	22.88	24.00
		1	2	22.90	22.90	22.70	24.00
		1	5	22.83	22.67	22.71	24.00
		3	0	22.94	22.33	22.84	24.00
		3	1	22.74	22.86	22.76	24.00
		3	3	22.66	23.05	22.44	24.00
		5	0	22.73	22.56	22.88	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.87	22.76	22.71	24.00
		1	2	22.82	22.72	22.71	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.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.: SZCR250700285005

Page: 21 of 35

		1	5	22.52	22.90	22.75	24.00
		3	0	22.66	22.71	22.66	24.00
		3	1	22.71	22.65	22.71	24.00
		3	3	22.69	22.48	22.90	24.00
		6	0	22.76	22.82	22.59	24.00
	16QAM	1	0	22.38	22.60	22.78	24.00
		1	2	22.81	22.94	22.68	24.00
		1	5	22.82	22.65	22.69	24.00
		3	0	22.99	22.40	22.84	24.00
		3	1	22.64	22.85	22.74	24.00
		3	3	22.69	22.99	22.52	24.00
		5	0	22.76	22.66	22.98	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.77	22.69	22.76	24.00
		1	2	22.76	22.72	22.63	24.00
		1	5	22.58	22.88	22.67	24.00
		3	0	22.66	22.80	22.69	24.00
		3	1	22.69	22.71	22.73	24.00
		3	3	22.63	22.54	22.87	24.00
		6	0	22.77	22.75	22.50	24.00
	16QAM	1	0	22.45	22.68	22.69	24.00
		1	2	22.80	22.95	22.67	24.00
		1	5	22.73	22.69	22.69	24.00
		3	0	22.89	22.50	22.81	24.00
		3	1	22.56	22.81	22.64	24.00
		3	3	22.62	22.90	22.56	24.00
		5	0	22.75	22.60	22.97	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.87	22.71	22.71	24.00
		1	2	22.70	22.69	22.65	24.00
		1	5	22.62	22.79	22.61	24.00
		3	0	22.64	22.72	22.73	24.00
		3	1	22.77	22.78	22.82	24.00
		3	3	22.61	22.56	22.81	24.00
		6	0	22.77	22.72	22.57	24.00
	16QAM	1	0	22.55	22.65	22.72	24.00
		1	2	22.78	23.03	22.68	24.00
		1	5	22.75	22.60	22.60	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.: SZCR250700285005

Page: 22 of 35

		3	0	22.84	22.60	22.74	24.00
		3	1	22.56	22.83	22.61	24.00
		3	3	22.68	22.80	22.63	24.00
		5	0	22.72	22.68	22.90	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.83	22.69	22.76	24.00
		1	2	22.76	22.70	22.71	24.00
		1	5	22.63	22.69	22.69	24.00
		3	0	22.65	22.73	22.70	24.00
		3	1	22.81	22.71	22.82	24.00
		3	3	22.59	22.59	22.81	24.00
		6	0	22.73	22.65	22.66	24.00
	16QAM	1	0	22.58	22.69	22.68	24.00
		1	2	22.85	22.96	22.72	24.00
		1	5	22.85	22.62	22.65	24.00
		3	0	22.79	22.68	22.80	24.00
		3	1	22.59	22.73	22.59	24.00
		3	3	22.75	22.73	22.59	24.00
		5	0	22.80	22.67	22.85	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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
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 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1.10 Conducted Power of Cat-M1 Band 85

LTE FDD Band 85				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134027	134092	134157	
5MHz	QPSK	1	0	22.81	22.71	22.80	24.00
		1	2	22.87	22.85	23.01	24.00
		1	5	22.74	22.72	22.85	24.00
		3	0	21.76	21.76	22.01	23.00
		3	1	21.73	21.73	21.97	23.00
		3	3	21.88	21.77	21.99	23.00
		6	0	22.00	21.92	21.92	23.00
	16QAM	1	0	22.57	22.66	22.38	24.00
		1	2	22.56	22.61	22.52	24.00
		1	5	22.57	22.55	22.41	24.00
		3	0	21.53	21.51	21.68	23.00
		3	1	21.58	21.58	21.59	23.00
		3	3	21.61	21.63	21.65	23.00
		5	0	20.47	20.64	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134052	134092	134132	
10MHz	QPSK	1	0	22.70	22.65	22.62	24.00
		1	2	22.81	22.87	22.85	24.00
		1	5	22.78	22.77	22.76	24.00
		3	0	21.75	21.76	21.65	23.00
		3	1	21.76	21.73	21.72	23.00
		3	3	21.74	21.71	21.70	23.00
		6	0	21.91	21.86	21.83	23.00
	16QAM	1	0	22.71	22.70	22.64	24.00
		1	2	22.68	22.66	22.65	24.00
		1	5	22.69	22.62	22.58	24.00
		3	0	21.49	21.47	21.44	23.00
		3	1	21.54	21.52	21.51	23.00
		3	3	21.66	21.61	21.52	23.00
		5	0	20.62	20.60	20.58	22.00

2 Conducted Power of NB-IoT

2.1 Conducted Power of NB-IoT Band 4

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band4	Stand-Alone	3.75kHz	0.18	QPSK	19951	1@0	22.28	23.5	PASS
Band4	Stand-Alone	3.75kHz	0.18	QPSK	19951	1@47	22.37	23.5	PASS
Band4	Stand-Alone	3.75kHz	0.18	QPSK	20175	1@0	22.35	23.5	PASS
Band4	Stand-Alone	3.75kHz	0.18	QPSK	20175	1@47	22.36	23.5	PASS
Band4	Stand-Alone	3.75kHz	0.18	QPSK	20399	1@0	22.24	23.5	PASS
Band4	Stand-Alone	3.75kHz	0.18	QPSK	20399	1@47	22.44	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	19951	1@0	22.33	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	19951	1@11	22.43	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	20175	1@0	22.11	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	20175	1@11	22.45	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	20399	1@0	22.25	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	20399	1@11	22.18	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	19951	3@3	22.41	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	20175	3@3	22.34	23.5	PASS
Band4	Stand-Alone	15kHz	0.18	QPSK	20399	3@3	22.35	23.5	PASS



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 Laboratory

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 NB-IoT Band 5

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20401	1@0	22.24	23.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20401	1@47	22.19	23.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	22.1	23.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	22.31	23.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20649	1@0	22.3	23.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20649	1@47	22.1	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20401	1@0	22.11	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20401	1@11	22.27	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	22.25	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	22.32	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20649	1@0	22.5	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20649	1@11	22.44	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20401	3@3	22.34	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	3@3	22.27	23.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20649	3@3	22.47	23.5	PASS

2.3 Conducted Power of NB-IoT Band 8

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band8	Stand-Alone	3.75kHz	0.18	QPSK	21627	1@0	22.48	23.5	PASS
Band8	Stand-Alone	3.75kHz	0.18	QPSK	21627	1@47	22.15	23.5	PASS
Band8	Stand-Alone	3.75kHz	0.18	QPSK	21653	1@0	22.31	23.5	PASS
Band8	Stand-Alone	3.75kHz	0.18	QPSK	21653	1@47	22.37	23.5	PASS
Band8	Stand-Alone	15kHz	0.18	QPSK	21627	1@0	22.28	23.5	PASS
Band8	Stand-Alone	15kHz	0.18	QPSK	21627	1@11	22.37	23.5	PASS
Band8	Stand-Alone	15kHz	0.18	QPSK	21653	1@0	22.18	23.5	PASS
Band8	Stand-Alone	15kHz	0.18	QPSK	21653	1@11	22.28	23.5	PASS
Band8	Stand-Alone	15kHz	0.18	QPSK	21627	3@3	22.43	23.5	PASS
Band8	Stand-Alone	15kHz	0.18	QPSK	21653	3@3	22.37	23.5	PASS



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 Testing Laboratory

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

2.4 Conducted Power of NB-IoT Band 12

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	22.39	23.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@47	22.35	23.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	22.43	23.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	22.18	23.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	22.36	23.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	22.25	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@0	22.29	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@11	22.24	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	22.44	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	22.12	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@0	22.25	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@11	22.34	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	3@3	22.17	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	3@3	22.33	23.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	3@3	22.22	23.5	PASS

2.5 Conducted Power of NB-IoT Band 13

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	22.48	23.5	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	22.34	23.5	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	22.39	23.5	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	22.23	23.5	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	22.17	23.5	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	22.42	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	1@0	22.33	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	1@11	22.49	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	1@0	22.12	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	1@11	22.13	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	1@0	22.15	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	1@11	22.18	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	3@3	22.18	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	3@3	22.38	23.5	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	3@3	22.12	23.5	PASS

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

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

Report No.: SZCR250700285005

Page: 29 of 35

2.6 Conducted Power of NB-IoT Band 17

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band17	Stand-Alone	3.75kHz	0.18	QPSK	23731	1@0	22.35	23.5	PASS
Band17	Stand-Alone	3.75kHz	0.18	QPSK	23731	1@47	22.21	23.5	PASS
Band17	Stand-Alone	3.75kHz	0.18	QPSK	23790	1@0	22.38	23.5	PASS
Band17	Stand-Alone	3.75kHz	0.18	QPSK	23790	1@47	22.32	23.5	PASS
Band17	Stand-Alone	3.75kHz	0.18	QPSK	23849	1@0	22.18	23.5	PASS
Band17	Stand-Alone	3.75kHz	0.18	QPSK	23849	1@47	22.36	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23731	1@0	22.49	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23731	1@11	22.48	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23790	1@0	22.29	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23790	1@11	22.43	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23849	1@0	22.45	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23849	1@11	22.36	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23731	3@3	22.36	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23790	3@3	22.23	23.5	PASS
Band17	Stand-Alone	15kHz	0.18	QPSK	23849	3@3	22.19	23.5	PASS



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
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 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2.7 Conducted Power of NB-IoT Band 25

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band25	Stand-Alone	3.75kHz	0.18	QPSK	26041	1@0	22.41	23.5	PASS
Band25	Stand-Alone	3.75kHz	0.18	QPSK	26041	1@47	22.33	23.5	PASS
Band25	Stand-Alone	3.75kHz	0.18	QPSK	26365	1@0	22.59	23.5	PASS
Band25	Stand-Alone	3.75kHz	0.18	QPSK	26365	1@47	22.41	23.5	PASS
Band25	Stand-Alone	3.75kHz	0.18	QPSK	26689	1@0	22.64	23.5	PASS
Band25	Stand-Alone	3.75kHz	0.18	QPSK	26689	1@47	22.6	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26041	1@0	22.39	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26041	1@11	22.4	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26365	1@0	22.56	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26365	1@11	22.56	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26689	1@0	22.69	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26689	1@11	22.7	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26041	3@3	22.26	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26365	3@3	22.5	23.5	PASS
Band25	Stand-Alone	15kHz	0.18	QPSK	26689	3@3	22.63	23.5	PASS

2.8 Conducted Power of NB-IoT Band 26

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band26	Stand-Alone	3.75kHz	0.18	QPSK	26691	1@0	22.37	23.5	PASS
Band26	Stand-Alone	3.75kHz	0.18	QPSK	26691	1@47	22.39	23.5	PASS
Band26	Stand-Alone	3.75kHz	0.18	QPSK	26865	1@0	22.25	23.5	PASS
Band26	Stand-Alone	3.75kHz	0.18	QPSK	26865	1@47	22.31	23.5	PASS
Band26	Stand-Alone	3.75kHz	0.18	QPSK	27039	1@0	22.11	23.5	PASS
Band26	Stand-Alone	3.75kHz	0.18	QPSK	27039	1@47	22.32	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	26691	1@0	22.37	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	26691	1@11	22.37	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	26865	1@0	22.27	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	26865	1@11	22.29	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	27039	1@0	22.44	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	27039	1@11	22.24	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	26691	3@3	22.28	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	26865	3@3	22.35	23.5	PASS
Band26	Stand-Alone	15kHz	0.18	QPSK	27039	3@3	22.1	23.5	PASS



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

2.9 Conducted Power of NB-IoT Band 65

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band65	Stand-Alone	3.75kHz	0.18	QPSK	131072	1@0	22.76	23.5	PASS
Band65	Stand-Alone	3.75kHz	0.18	QPSK	131072	1@47	22.74	23.5	PASS
Band65	Stand-Alone	3.75kHz	0.18	QPSK	131522	1@0	22.24	23.5	PASS
Band65	Stand-Alone	3.75kHz	0.18	QPSK	131522	1@47	22.31	23.5	PASS
Band65	Stand-Alone	3.75kHz	0.18	QPSK	131971	1@0	22.31	23.5	PASS
Band65	Stand-Alone	3.75kHz	0.18	QPSK	131971	1@47	21.58	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131072	1@0	22.86	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131072	1@11	22.85	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131522	1@0	22.47	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131522	1@11	22.35	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131971	1@0	22.21	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131971	1@11	22.13	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131072	3@3	22.3	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131522	3@3	21.89	23.5	PASS
Band65	Stand-Alone	15kHz	0.18	QPSK	131971	3@3	22.42	23.5	PASS



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
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 www.sgsgroup.com.cn
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.: SZCR250700285005

Page: 33 of 35

2.10 Conducted Power of NB-IoT Band 66

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band66	Stand-Alone	3.75kHz	0.18	QPSK	131973	1@0	22.32	23.5	PASS
Band66	Stand-Alone	3.75kHz	0.18	QPSK	131973	1@47	22.49	23.5	PASS
Band66	Stand-Alone	3.75kHz	0.18	QPSK	132322	1@0	22.46	23.5	PASS
Band66	Stand-Alone	3.75kHz	0.18	QPSK	132322	1@47	22.13	23.5	PASS
Band66	Stand-Alone	3.75kHz	0.18	QPSK	132671	1@0	22.39	23.5	PASS
Band66	Stand-Alone	3.75kHz	0.18	QPSK	132671	1@47	22.29	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	131973	1@0	22.12	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	131973	1@11	22.43	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	132322	1@0	22.35	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	132322	1@11	22.22	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	132671	1@0	22.36	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	132671	1@11	22.3	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	131973	3@3	22.19	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	132322	3@3	22.37	23.5	PASS
Band66	Stand-Alone	15kHz	0.18	QPSK	132671	3@3	22.46	23.5	PASS



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
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 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2.11 Conducted Power of NB-IoT Band 85

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Tune up(dBm)	Verdict
Band85	Stand-Alone	3.75kHz	0.18	QPSK	134003	1@0	22.43	23.5	PASS
Band85	Stand-Alone	3.75kHz	0.18	QPSK	134003	1@47	22.12	23.5	PASS
Band85	Stand-Alone	3.75kHz	0.18	QPSK	134092	1@0	22.44	23.5	PASS
Band85	Stand-Alone	3.75kHz	0.18	QPSK	134092	1@47	22.34	23.5	PASS
Band85	Stand-Alone	3.75kHz	0.18	QPSK	134181	1@0	22.32	23.5	PASS
Band85	Stand-Alone	3.75kHz	0.18	QPSK	134181	1@47	22.24	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134003	1@0	22.49	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134003	1@11	22.27	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134092	1@0	22.25	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134092	1@11	22.29	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134181	1@0	22.32	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134181	1@11	22.14	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134003	3@3	22.33	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134092	3@3	22.32	23.5	PASS
Band85	Stand-Alone	15kHz	0.18	QPSK	134181	3@3	22.14	23.5	PASS

3 Conducted Power of Bluetooth

BLE		Average Conducted Power(dBm)			Tune up
Band	Channel	0	19	39	
BLE 1M	GFSK	-17.35	-17.30	-16.09	-15.50
BLE 2M	GFSK	-17.32	-17.23	-15.96	-15.50

- End of the Appendix -