

Appendix E

Conducted RF Output Power

Measurement of RF conducted Power
1 Conducted Power of Main Antenna (Ant1)
1.1 Conducted Power of GSM
1.2 Conducted Power of WCDMA
1.3 Conducted Power of LTE
2 Conducted Power of Main Antenna (Ant2)
2.1 Conducted Power of GSM
2.2 Conducted Power of WCDMA
2.3 Conducted Power of LTE
3 Conducted Power of WiFi and Bluetooth
3.1 Conducted Power of 2.4GWiFi
3.2 Conducted Power of Bluetooth



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

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

Report No.: SZCR250100020706

Page: 2 of 57

Note:

State	Trigger Conditions	Antenna No.
State1	Receiver off Standalone	All WWAN Ant
State2	Receiver on Standalone	All WWAN Ant



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

Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant1)

1.1 Conducted Power of GSM

GSM 1900										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.35	28.49	28.56	30.00	-9.19	19.16	19.30	19.37	20.81
GPRS (GMSK)	1 TX Slot	28.38	28.50	28.59	30.00	-9.19	19.19	19.31	19.40	20.81
	2 TX Slots	26.30	26.12	25.73	27.00	-6.18	20.12	19.94	19.55	20.82
	3 TX Slots	24.48	24.25	24.04	25.00	-4.42	20.06	19.83	19.62	20.58
	4 TX Slots	22.38	22.04	21.77	23.00	-3.17	19.21	18.87	18.60	19.83
EGPRS (GMSK)	1 TX Slot	28.46	28.57	28.53	30.00	-9.19	19.27	19.38	19.34	20.81
	2 TX Slots	26.29	26.10	25.67	27.00	-6.18	20.11	19.92	19.49	20.82
	3 TX Slots	24.58	24.27	24.10	25.00	-4.42	20.16	19.85	19.68	20.58
	4 TX Slots	22.37	21.95	21.76	23.00	-3.17	19.20	18.78	18.59	19.83
EGPRS (8PSK)	1 TX Slot	24.06	24.21	23.94	25.50	-9.19	14.87	15.02	14.75	16.31
	2 TX Slots	22.38	22.54	22.39	23.50	-6.18	16.20	16.36	16.21	17.32
	3 TX Slots	19.80	20.03	19.86	21.00	-4.42	15.38	15.61	15.44	16.58
	4 TX Slots	17.09	17.61	17.50	18.50	-3.17	13.92	14.44	14.33	15.33



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.: SZCR250100020706

Page: 4 of 57

1.2 Conducted Power of WCDMA

WCDMA Band II State1					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.35	20.42	20.54	22.00
	12.2kbps AMR	20.44	20.25	20.33	22.00
HSDPA	Subtest 1	20.24	20.24	20.14	21.00
	Subtest 2	19.95	19.97	19.86	21.00
	Subtest 3	20.17	20.17	20.14	21.00
	Subtest 4	19.80	19.80	19.77	21.00
HSUPA	Subtest 1	18.05	18.11	18.03	19.00
	Subtest 2	17.95	18.03	17.96	19.00
	Subtest 3	18.39	18.50	18.40	19.00
	Subtest 4	18.46	18.58	18.49	19.00
	Subtest 5	20.32	20.35	20.31	21.00
DC-HSDPA	Subtest 1	20.15	20.29	20.30	21.00
	Subtest 2	20.00	19.96	19.91	21.00
	Subtest 3	20.26	20.20	20.23	21.00
	Subtest 4	19.80	19.82	19.71	21.00
HSPA+	16QAM	20.33	20.38	20.22	21.00

WCDMA Band II State2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.30	21.43	21.55	23.00
	12.2kbps AMR	21.45	21.15	21.35	23.00
HSDPA	Subtest 1	21.18	21.20	21.20	22.00
	Subtest 2	20.90	20.91	20.92	22.00
	Subtest 3	21.09	21.14	21.15	22.00
	Subtest 4	20.73	20.77	20.79	22.00
HSUPA	Subtest 1	18.92	19.04	18.98	20.00
	Subtest 2	18.80	18.94	18.89	20.00
	Subtest 3	19.26	19.40	19.33	20.00
	Subtest 4	19.33	19.49	19.43	20.00
	Subtest 5	21.32	21.31	21.39	22.00
DC-HSDPA	Subtest 1	21.19	21.08	21.21	22.00
	Subtest 2	20.82	20.85	20.87	22.00
	Subtest 3	21.09	21.24	21.13	22.00
	Subtest 4	20.81	20.72	20.84	22.00
HSPA+	16QAM	21.18	21.25	21.57	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.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.: SZCR250100020706

Page: 5 of 57

WCDMA Band IV State1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.17	21.10	21.07	22.50
	12.2kbps AMR	21.10	21.15	21.04	22.50
HSDPA	Subtest 1	19.44	19.59	19.32	20.00
	Subtest 2	19.96	20.15	19.94	21.00
	Subtest 3	19.96	20.11	19.90	21.00
	Subtest 4	20.00	20.15	19.94	21.00
HSUPA	Subtest 1	17.66	18.32	18.11	19.00
	Subtest 2	17.82	17.35	17.27	18.50
	Subtest 3	18.22	18.33	18.14	19.00
	Subtest 4	18.31	17.89	17.71	19.00
	Subtest 5	20.60	19.99	19.83	21.00
DC-HSDPA	Subtest 1	19.51	19.44	19.65	20.00
	Subtest 2	20.05	20.05	20.01	21.00
	Subtest 3	19.97	20.16	19.92	21.00
	Subtest 4	19.98	20.20	19.92	21.00
HSPA+	16QAM	19.65	19.98	19.71	21.00

WCDMA Band IV State2					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.62	21.72	21.59	23.00
	12.2kbps AMR	21.59	21.66	21.63	23.00
HSDPA	Subtest 1	20.09	20.19	19.89	20.50
	Subtest 2	20.50	20.64	20.53	21.50
	Subtest 3	20.55	20.56	20.55	21.50
	Subtest 4	20.51	20.65	20.54	21.50
HSUPA	Subtest 1	18.30	18.91	18.71	19.50
	Subtest 2	18.47	17.94	17.85	19.00
	Subtest 3	18.69	18.78	18.73	19.50
	Subtest 4	18.95	18.54	18.21	19.50
	Subtest 5	21.15	20.62	20.46	21.50
DC-HSDPA	Subtest 1	20.10	19.92	20.15	20.50
	Subtest 2	20.55	20.50	20.62	21.50
	Subtest 3	20.52	20.64	20.47	21.50
	Subtest 4	20.59	20.72	20.57	21.50
HSPA+	16QAM	20.11	20.34	20.26	21.50



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

1.3 Conducted Power of LTE

LTE Band 2 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.20	21.26	21.63	23.00
		1	2	21.40	21.58	21.60	23.00
		1	5	21.45	21.65	21.93	23.00
		3	0	21.36	21.60	21.30	23.00
		3	2	21.16	21.37	21.60	23.00
		3	3	21.88	21.42	21.48	23.00
		6	0	20.52	20.16	20.52	22.00
	16QAM	1	0	20.79	20.49	20.82	22.00
		1	2	21.49	20.56	21.34	22.00
		1	5	21.50	20.84	20.99	22.00
		3	0	20.26	20.42	20.57	22.00
		3	2	20.31	20.33	20.50	22.00
		3	3	20.77	20.53	20.64	22.00
		6	0	19.39	19.53	19.48	21.00
	64QAM	1	0	19.62	19.48	19.92	21.00
		1	2	19.90	19.11	19.98	21.00
		1	5	19.61	20.01	19.60	21.00
		3	0	20.02	19.91	19.88	21.00
		3	2	19.82	19.93	20.01	21.00
		3	3	20.13	20.04	20.13	21.00
		6	0	18.97	18.86	19.00	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.20	21.14	21.51	23.00
		1	7	21.35	21.43	21.57	23.00
		1	14	21.53	21.70	21.90	23.00
		8	0	20.26	20.43	20.43	22.00
		8	4	20.21	20.22	20.51	22.00
		8	7	20.82	20.46	20.47	22.00
		15	0	20.48	20.17	20.41	22.00
	16QAM	1	0	20.70	20.39	20.88	22.00
		1	7	21.43	20.70	21.47	22.00
		1	14	21.50	20.87	20.95	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 herein 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 Technical Services 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.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.: SZCR250100020706

Page: 7 of 57

		8	0	19.28	19.24	19.62	21.00
		8	4	19.46	19.35	19.55	21.00
		8	7	19.75	19.69	19.77	21.00
		15	0	19.45	19.53	19.45	21.00
	64QAM	1	0	19.69	19.38	20.01	21.00
		1	7	19.88	19.17	20.07	21.00
		1	14	19.75	20.05	19.61	21.00
		8	0	18.87	18.92	18.89	20.00
		8	4	18.98	18.84	18.94	20.00
		8	7	19.12	18.86	19.17	20.00
		15	0	18.91	18.81	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.27	21.17	21.65	23.00
		1	13	21.44	21.59	21.53	23.00
		1	24	21.43	21.70	21.96	23.00
		12	0	20.23	20.59	20.30	22.00
		12	6	20.21	20.32	20.51	22.00
		12	13	20.77	20.33	20.53	22.00
		25	0	20.47	20.19	20.54	22.00
	16QAM	1	0	20.75	20.49	20.87	22.00
		1	13	21.49	20.60	21.37	22.00
		1	24	21.54	20.75	21.05	22.00
		12	0	19.28	19.42	19.62	21.00
		12	6	19.42	19.43	19.52	21.00
		12	13	19.68	19.68	19.70	21.00
		25	0	19.49	19.51	19.44	21.00
	64QAM	1	0	19.76	19.46	20.01	21.00
		1	13	19.91	19.27	20.05	21.00
		1	24	19.77	20.02	19.56	21.00
		12	0	18.91	18.95	19.05	20.00
		12	6	18.98	18.92	18.97	20.00
		12	13	19.20	18.95	19.16	20.00
		25	0	18.85	18.97	18.99	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.08	21.17	21.52	23.00
		1	25	21.32	21.55	21.66	23.00
		1	49	21.52	21.63	22.00	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.: SZCR250100020706

Page: 8 of 57

		25	0	20.17	20.53	20.32	22.00
		25	13	20.27	20.23	20.45	22.00
		25	25	20.78	20.35	20.44	22.00
		50	0	20.38	20.16	20.54	22.00
	16QAM	1	0	20.64	20.53	20.88	22.00
		1	25	21.45	20.69	21.40	22.00
		1	49	21.43	20.82	21.07	22.00
		25	0	19.34	19.42	19.67	21.00
		25	13	19.31	19.33	19.37	21.00
		25	25	19.80	19.54	19.78	21.00
		50	0	19.38	19.61	19.44	21.00
	64QAM	1	0	19.78	19.41	19.90	21.00
		1	25	19.91	19.08	19.90	21.00
		1	49	19.70	19.96	19.59	21.00
		25	0	18.95	18.99	18.88	20.00
		25	13	18.85	19.00	19.13	20.00
		25	25	19.22	18.92	19.22	20.00
		50	0	18.90	18.83	19.15	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					18675	18900	19125
	15MHz	QPSK	1	0	21.13	21.21	21.58
			1	38	21.32	21.44	21.68
			1	74	21.48	21.68	22.01
			36	0	20.22	20.57	20.38
			36	18	20.24	20.36	20.59
			36	39	20.86	20.32	20.45
			75	0	20.46	20.28	20.50
		16QAM	1	0	20.71	20.44	20.78
			1	38	21.35	20.63	21.48
			1	74	21.39	20.88	20.90
			36	0	19.30	19.25	19.65
			36	18	19.27	19.32	19.39
			36	39	19.74	19.57	19.78
			75	0	19.30	19.49	19.60
		64QAM	1	0	19.80	19.48	19.96
			1	38	19.81	19.19	20.07
			1	74	19.68	20.01	19.57
			36	0	19.00	18.85	18.92
			36	18	18.89	18.93	19.09



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.: SZCR250100020706

Page: 9 of 57

		36	39	19.13	18.95	19.08	20.00
		75	0	18.84	18.89	19.09	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.18	21.16	21.60	23.00
		1	50	21.41	21.51	21.63	23.00
		1	99	21.49	21.68	21.97	23.00
		50	0	20.27	20.50	20.37	22.00
		50	25	20.17	20.27	20.50	22.00
		50	50	20.84	20.42	20.48	22.00
		100	0	20.43	20.25	20.44	22.00
	16QAM	1	0	20.69	20.45	20.85	22.00
		1	50	21.42	20.61	21.42	22.00
		1	99	21.44	20.79	20.97	22.00
		50	0	19.30	19.33	19.60	21.00
		50	25	19.36	19.42	19.46	21.00
		50	50	19.76	19.63	19.74	21.00
		100	0	19.39	19.53	19.52	21.00
	64QAM	1	0	19.70	19.42	19.96	21.00
		1	50	19.81	19.18	20.00	21.00
		1	99	19.69	19.95	19.59	21.00
		50	0	18.93	18.92	18.96	20.00
		50	25	18.88	18.91	19.04	20.00
		50	50	19.21	18.94	19.16	20.00
		100	0	18.88	18.90	19.05	20.00

LTE Band 2 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.38	22.63	22.68	24.00
		1	2	22.42	22.55	22.74	24.00
		1	5	22.55	22.66	22.90	24.00
		3	0	22.13	22.22	22.41	24.00
		3	2	22.29	22.43	22.51	24.00
		3	3	22.44	22.14	22.41	24.00
		6	0	21.25	21.24	21.40	23.00
	16QAM	1	0	21.76	21.81	22.26	23.00
		1	2	21.97	21.62	22.42	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.: SZCR250100020706

Page: 10 of 57

		1	5	21.94	22.09	22.32	23.00
		3	0	21.23	21.62	21.59	23.00
		3	2	21.53	21.41	21.54	23.00
		3	3	21.42	21.59	21.77	23.00
		6	0	20.36	20.60	20.78	22.00
	64QAM	1	0	20.60	21.26	21.15	22.00
		1	2	21.30	20.69	21.77	22.00
		1	5	20.61	20.72	20.77	22.00
		3	0	20.94	20.87	21.03	22.00
		3	2	20.90	21.08	20.96	22.00
		3	3	21.36	21.23	21.21	22.00
		6	0	19.77	20.11	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.29	22.64	22.62	24.00
		1	7	22.39	22.67	22.56	24.00
		1	14	22.59	22.57	22.93	24.00
		8	0	21.13	21.26	21.46	23.00
		8	4	21.34	21.29	21.35	23.00
		8	7	21.49	21.23	21.52	23.00
		15	0	21.08	21.35	21.50	23.00
	16QAM	1	0	21.68	21.79	22.15	23.00
		1	7	22.04	21.55	22.40	23.00
		1	14	21.84	22.09	22.27	23.00
		8	0	20.30	20.55	20.54	22.00
		8	4	20.48	20.23	20.50	22.00
		8	7	20.41	20.59	20.80	22.00
		15	0	20.36	20.57	20.70	22.00
	64QAM	1	0	20.68	21.35	21.15	22.00
		1	7	21.35	20.69	21.75	22.00
		1	14	20.45	20.73	20.66	22.00
		8	0	20.04	20.07	20.02	21.00
		8	4	19.86	19.99	20.05	21.00
		8	7	20.20	20.14	20.22	21.00
		15	0	19.90	20.11	20.08	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.36	22.68	22.68	24.00
		1	13	22.27	22.58	22.59	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.: SZCR250100020706

Page: 11 of 57

		1	24	22.70	22.65	22.88	24.00
		12	0	21.18	21.31	21.31	23.00
		12	6	21.34	21.26	21.42	23.00
		12	13	21.41	21.19	21.38	23.00
		25	0	21.23	21.19	21.52	23.00
	16QAM	1	0	21.73	21.79	22.22	23.00
		1	13	22.02	21.44	22.45	23.00
		1	24	21.94	21.96	22.37	23.00
		12	0	20.25	20.72	20.54	22.00
		12	6	20.49	20.30	20.54	22.00
		12	13	20.41	20.73	20.77	22.00
		25	0	20.37	20.55	20.87	22.00
	64QAM	1	0	20.61	21.29	21.26	22.00
		1	13	21.35	20.66	21.88	22.00
		1	24	20.58	20.71	20.62	22.00
		12	0	20.03	19.99	20.09	21.00
		12	6	19.77	20.04	20.02	21.00
		12	13	20.26	20.24	20.12	21.00
		25	0	19.95	20.11	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.44	22.64	22.59	24.00
		1	25	22.42	22.59	22.67	24.00
		1	49	22.69	22.49	22.83	24.00
		25	0	21.11	21.21	21.40	23.00
		25	13	21.30	21.30	21.43	23.00
		25	25	21.47	21.19	21.46	23.00
		50	0	21.12	21.28	21.55	23.00
	16QAM	1	0	21.75	21.77	22.22	23.00
		1	25	22.14	21.53	22.37	23.00
		1	49	21.94	21.93	22.23	23.00
		25	0	20.42	20.65	20.68	22.00
		25	13	20.52	20.29	20.66	22.00
		25	25	20.43	20.61	20.74	22.00
		50	0	20.44	20.50	20.75	22.00
	64QAM	1	0	20.66	21.36	21.20	22.00
		1	25	21.31	20.60	21.89	22.00
		1	49	20.46	20.81	20.77	22.00
		25	0	19.91	20.04	20.04	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.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.: SZCR250100020706

Page: 12 of 57

		25	13	19.82	20.04	20.05	21.00
		25	25	20.35	20.21	20.22	21.00
		50	0	19.89	20.00	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.30	22.65	22.78	24.00
		1	38	22.33	22.64	22.72	24.00
		1	74	22.54	22.51	22.91	24.00
		36	0	21.14	21.15	21.45	23.00
		36	18	21.28	21.33	21.53	23.00
		36	39	21.43	21.12	21.37	23.00
		75	0	21.19	21.36	21.57	23.00
	16QAM	1	0	21.63	21.82	22.19	23.00
		1	38	21.97	21.44	22.33	23.00
		1	74	21.87	22.00	22.24	23.00
		36	0	20.26	20.62	20.61	22.00
		36	18	20.39	20.30	20.57	22.00
		36	39	20.33	20.75	20.63	22.00
		75	0	20.38	20.52	20.72	22.00
	64QAM	1	0	20.62	21.24	21.19	22.00
		1	38	21.30	20.50	21.89	22.00
		1	74	20.47	20.67	20.63	22.00
		36	0	20.09	19.87	20.07	21.00
		36	18	19.82	19.97	19.99	21.00
		36	39	20.38	20.19	20.19	21.00
		75	0	19.86	20.08	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.37	22.60	22.68	24.00
		1	50	22.32	22.58	22.66	24.00
		1	99	22.64	22.57	22.85	24.00
		50	0	21.20	21.25	21.40	23.00
		50	25	21.25	21.36	21.44	23.00
		50	50	21.39	21.17	21.47	23.00
		100	0	21.16	21.26	21.48	23.00
	16QAM	1	0	21.70	21.74	22.21	23.00
		1	50	22.07	21.52	22.37	23.00
		1	99	21.90	22.03	22.27	23.00
		50	0	20.32	20.63	20.61	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.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.: SZCR250100020706

Page: 13 of 57

		50	25	20.47	20.31	20.60	22.00
		50	50	20.42	20.65	20.71	22.00
		100	0	20.38	20.51	20.79	22.00
	64QAM	1	0	20.62	21.27	21.23	22.00
		1	50	21.34	20.59	21.79	22.00
		1	99	20.51	20.72	20.68	22.00
		50	0	20.01	19.97	20.09	21.00
		50	25	19.83	20.02	20.06	21.00
		50	50	20.28	20.21	20.20	21.00
		100	0	19.86	20.03	20.01	21.00

LTE Band 4 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.90	21.55	21.43	22.50
		1	2	21.73	21.53	21.28	22.50
		1	5	21.63	21.51	21.20	22.50
		3	0	21.56	21.46	21.26	22.50
		3	2	21.31	21.21	21.33	22.50
		3	3	21.57	21.65	21.58	22.50
		6	0	20.43	20.38	20.37	21.50
	16QAM	1	0	20.65	20.58	20.94	21.50
		1	2	20.62	20.50	20.69	21.50
		1	5	20.74	20.87	20.43	21.50
		3	0	20.31	20.07	20.29	21.50
		3	2	20.66	20.68	20.44	21.50
		3	3	20.46	20.78	20.80	21.50
		6	0	19.79	19.66	19.43	20.50
	64QAM	1	0	19.89	19.41	19.50	20.50
		1	2	20.00	19.25	19.33	20.50
		1	5	20.30	19.77	19.53	20.50
		3	0	19.96	19.81	19.83	20.50
		3	2	20.21	20.13	19.89	20.50
		3	3	20.02	19.86	20.30	20.50
		6	0	19.13	19.37	19.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.86	21.61	21.30	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.: SZCR250100020706

Page: 14 of 57

		1	7	21.69	21.67	21.29	22.50
		1	14	21.59	21.41	21.25	22.50
		8	0	20.52	20.33	20.20	21.50
		8	4	20.30	20.34	20.34	21.50
		8	7	20.56	20.69	20.55	21.50
		15	0	20.41	20.34	20.34	21.50
	16QAM	1	0	20.56	20.69	20.99	21.50
		1	7	20.71	20.36	20.69	21.50
		1	14	20.68	20.77	20.47	21.50
		8	0	19.27	19.16	19.15	20.50
		8	4	19.56	19.64	19.32	20.50
		8	7	19.44	19.70	19.77	20.50
	64QAM	15	0	19.85	19.57	19.39	20.50
		1	0	19.88	19.48	19.49	20.50
		1	7	20.13	19.19	19.37	20.50
		1	14	20.13	19.95	19.57	20.50
		8	0	18.90	18.95	18.74	19.50
		8	4	19.27	19.11	18.91	19.50
5MHz	QPSK	8	7	19.01	18.92	19.29	19.50
		15	0	19.12	19.40	18.98	19.50
		1	0	21.81	21.60	21.35	22.50
		1	13	21.67	21.59	21.41	22.50
		1	24	21.56	21.40	21.25	22.50
		12	0	20.63	20.44	20.21	21.50
	16QAM	12	6	20.25	20.36	20.31	21.50
		12	13	20.55	20.63	20.72	21.50
		25	0	20.58	20.35	20.18	21.50
		1	0	20.53	20.51	20.90	21.50
		1	13	20.60	20.37	20.82	21.50
		1	24	20.71	20.75	20.42	21.50
	64QAM	12	0	19.25	19.20	19.24	20.50
		12	6	19.61	19.78	19.41	20.50
		12	13	19.58	19.70	19.83	20.50
		25	0	19.95	19.52	19.39	20.50
		1	0	19.78	19.55	19.40	20.50
		1	13	20.11	19.19	19.32	20.50
		1	24	20.13	19.91	19.51	20.50



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.: SZCR250100020706

Page: 15 of 57

		12	0	18.94	18.90	18.84	19.50
		12	6	19.17	19.26	18.81	19.50
		12	13	19.04	18.91	19.17	19.50
		25	0	19.12	19.37	19.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.75	21.55	21.41	22.50
		1	25	21.62	21.64	21.38	22.50
		1	49	21.76	21.51	21.22	22.50
		25	0	20.45	20.31	20.16	21.50
		25	13	20.26	20.25	20.24	21.50
		25	25	20.46	20.54	20.68	21.50
		50	0	20.46	20.47	20.37	21.50
	16QAM	1	0	20.55	20.61	20.90	21.50
		1	25	20.64	20.44	20.74	21.50
		1	49	20.77	20.82	20.53	21.50
		25	0	19.37	19.22	19.29	20.50
		25	13	19.55	19.79	19.26	20.50
		25	25	19.55	19.76	19.84	20.50
		50	0	19.87	19.62	19.31	20.50
	64QAM	1	0	19.84	19.42	19.49	20.50
		1	25	20.06	19.19	19.46	20.50
		1	49	20.21	19.84	19.68	20.50
		25	0	18.85	18.87	18.69	19.50
		25	13	19.19	19.13	18.89	19.50
		25	25	19.00	18.91	19.19	19.50
		50	0	19.24	19.30	18.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.81	21.63	21.37	22.50
		1	38	21.67	21.62	21.38	22.50
		1	74	21.66	21.49	21.30	22.50
		36	0	20.54	20.39	20.20	21.50
		36	18	20.32	20.30	20.34	21.50
		36	39	20.56	20.60	20.62	21.50
		75	0	20.50	20.43	20.27	21.50
	16QAM	1	0	20.60	20.60	20.92	21.50
		1	38	20.64	20.46	20.74	21.50
		1	74	20.68	20.83	20.51	21.50



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.: SZCR250100020706

Page: 16 of 57

		36	0	19.32	19.17	19.20	20.50
		36	18	19.64	19.72	19.34	20.50
		36	39	19.54	19.68	19.77	20.50
		75	0	19.88	19.61	19.40	20.50
	64QAM	1	0	19.81	19.50	19.44	20.50
		1	38	20.06	19.15	19.42	20.50
		1	74	20.21	19.87	19.61	20.50
		36	0	18.88	18.88	18.76	19.50
		36	18	19.20	19.17	18.84	19.50
		36	39	18.99	18.90	19.27	19.50
		75	0	19.21	19.33	18.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.74	21.58	21.40	22.50
		1	50	21.65	21.62	21.41	22.50
		1	99	21.64	21.58	21.40	22.50
		50	0	20.54	20.44	20.25	21.50
		50	25	20.34	20.39	20.41	21.50
		50	50	20.54	20.62	20.53	21.50
		100	0	20.45	20.40	20.32	21.50
	16QAM	1	0	20.61	20.62	20.91	21.50
		1	50	20.58	20.47	20.76	21.50
		1	99	20.61	20.86	20.44	21.50
		50	0	19.40	19.25	19.28	20.50
		50	25	19.74	19.73	19.39	20.50
		50	50	19.52	19.68	19.72	20.50
		100	0	19.85	19.67	19.40	20.50
	64QAM	1	0	19.89	19.59	19.34	20.50
		1	50	19.99	19.20	19.45	20.50
		1	99	20.29	19.92	19.68	20.50
		50	0	18.91	18.80	18.82	19.50
		50	25	19.25	19.20	18.93	19.50
		50	50	19.01	18.84	19.32	19.50
		100	0	19.24	19.32	18.95	19.50

LTE Band 4 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	



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.: SZCR250100020706

Page: 17 of 57

1.4MHz	QPSK	1	0	22.58	22.30	22.33	23.50
		1	2	22.17	22.36	22.45	23.50
		1	5	22.34	22.48	22.18	23.50
		3	0	22.15	22.33	22.39	23.50
		3	2	22.41	22.19	22.39	23.50
		3	3	22.38	22.50	22.33	23.50
		6	0	21.43	21.42	21.52	22.50
	16QAM	1	0	21.62	21.45	21.66	22.50
		1	2	21.73	21.51	21.57	22.50
		1	5	21.56	21.51	21.64	22.50
		3	0	21.63	21.52	21.46	22.50
		3	2	21.36	21.26	21.32	22.50
		3	3	21.49	21.60	21.53	22.50
		6	0	20.49	20.35	20.63	21.50
	64QAM	1	0	21.19	21.03	20.50	21.50
		1	2	20.42	20.75	20.74	21.50
		1	5	21.13	21.12	20.62	21.50
		3	0	20.81	20.85	21.03	21.50
		3	2	21.22	21.33	21.11	21.50
		3	3	21.15	21.16	21.19	21.50
		6	0	20.25	20.22	20.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.52	22.28	22.33	23.50
		1	7	22.24	22.37	22.47	23.50
		1	14	22.34	22.46	22.23	23.50
		8	0	21.20	21.33	21.33	22.50
		8	4	21.36	21.28	21.42	22.50
		8	7	21.39	21.45	21.40	22.50
		15	0	21.51	21.37	21.49	22.50
	16QAM	1	0	21.61	21.44	21.74	22.50
		1	7	21.70	21.48	21.53	22.50
		1	14	21.50	21.55	21.68	22.50
		8	0	20.58	20.53	20.41	21.50
		8	4	20.34	20.27	20.42	21.50
		8	7	20.44	20.65	20.44	21.50
		15	0	20.45	20.42	20.57	21.50
	64QAM	1	0	21.09	20.96	20.58	21.50
		1	7	20.47	20.66	20.81	21.50



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 herein 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.: SZCR250100020706

Page: 18 of 57

		1	14	21.10	21.10	20.69	21.50
		8	0	19.89	19.86	19.97	20.50
		8	4	20.20	20.24	20.03	20.50
		8	7	20.05	20.06	20.13	20.50
		15	0	20.35	20.24	20.00	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.42	22.35	22.24	23.50
		1	13	22.25	22.30	22.57	23.50
		1	24	22.41	22.40	22.23	23.50
		12	0	21.28	21.35	21.51	22.50
		12	6	21.32	21.41	21.50	22.50
		12	13	21.41	21.34	21.51	22.50
		25	0	21.50	21.30	21.49	22.50
	16QAM	1	0	21.47	21.53	21.63	22.50
		1	13	21.62	21.54	21.42	22.50
		1	24	21.41	21.62	21.57	22.50
		12	0	20.42	20.51	20.38	21.50
		12	6	20.41	20.46	20.38	21.50
		12	13	20.58	20.59	20.51	21.50
		25	0	20.47	20.42	20.59	21.50
	64QAM	1	0	21.03	21.01	20.57	21.50
		1	13	20.41	20.62	20.84	21.50
		1	24	21.21	21.43	20.69	21.50
		12	0	19.91	19.76	20.01	20.50
		12	6	20.22	20.34	20.09	20.50
		12	13	20.09	19.99	20.07	20.50
		25	0	20.37	20.25	19.99	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.42	22.26	22.14	23.50
		1	25	22.41	22.47	22.60	23.50
		1	49	22.40	22.38	22.32	23.50
		25	0	21.19	21.36	21.48	22.50
		25	13	21.40	21.30	21.47	22.50
		25	25	21.37	21.31	21.48	22.50
		50	0	21.39	21.31	21.47	22.50
	16QAM	1	0	21.50	21.41	21.65	22.50
		1	25	21.70	21.50	21.45	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.: SZCR250100020706

Page: 19 of 57

		1	49	21.55	21.60	21.64	22.50
		25	0	20.52	20.41	20.45	21.50
		25	13	20.26	20.27	20.46	21.50
		25	25	20.49	20.56	20.44	21.50
		50	0	20.37	20.51	20.41	21.50
	64QAM	1	0	21.14	21.08	20.62	21.50
		1	25	20.39	20.68	20.76	21.50
		1	49	21.10	21.46	20.61	21.50
		25	0	19.93	19.86	19.84	20.50
		25	13	20.28	20.32	20.12	20.50
		25	25	20.09	19.94	20.19	20.50
		50	0	20.22	20.36	19.91	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.54	22.19	22.33	23.50
		1	38	22.37	22.36	22.60	23.50
		1	74	22.49	22.46	22.33	23.50
		36	0	21.21	21.36	21.39	22.50
		36	18	21.29	21.27	21.37	22.50
		36	39	21.41	21.32	21.47	22.50
		75	0	21.46	21.35	21.52	22.50
	16QAM	1	0	21.52	21.43	21.61	22.50
		1	38	21.67	21.51	21.46	22.50
		1	74	21.53	21.49	21.59	22.50
		36	0	20.51	20.35	20.27	21.50
		36	18	20.24	20.41	20.28	21.50
		36	39	20.55	20.54	20.55	21.50
		75	0	20.49	20.54	20.49	21.50
	64QAM	1	0	21.18	21.07	20.65	21.50
		1	38	20.45	20.74	20.65	21.50
		1	74	21.16	21.49	20.61	21.50
		36	0	19.92	19.80	19.86	20.50
		36	18	20.26	20.30	20.08	20.50
		36	39	20.02	20.01	20.17	20.50
		75	0	20.30	20.29	19.99	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.44	22.25	22.24	23.50
		1	50	22.33	22.37	22.50	23.50



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 herein 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.: SZCR250100020706

Page: 20 of 57

		1	99	22.42	22.40	22.27	23.50
		50	0	21.28	21.41	21.41	22.50
		50	25	21.33	21.31	21.45	22.50
		50	50	21.40	21.40	21.41	22.50
		100	0	21.43	21.40	21.49	22.50
	16QAM	1	0	21.51	21.44	21.70	22.50
		1	50	21.67	21.49	21.47	22.50
		1	99	21.51	21.52	21.66	22.50
		50	0	20.49	20.44	20.35	21.50
		50	25	20.32	20.36	20.37	21.50
		50	50	20.51	20.57	20.51	21.50
		100	0	20.41	20.50	20.51	21.50
	64QAM	1	0	21.09	21.06	20.61	21.50
		1	50	20.43	20.69	20.75	21.50
		1	99	21.20	21.50	20.68	21.50
		50	0	19.88	19.85	19.93	20.50
		50	25	20.21	20.29	20.02	20.50
		50	50	20.03	20.03	20.16	20.50
		100	0	20.30	20.27	19.96	20.50

LTE Band 7 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.03	19.10	19.07	19.50
		1	13	19.24	18.58	19.05	19.50
		1	24	18.68	18.35	18.15	19.50
		12	0	17.43	17.04	17.85	18.50
		12	6	16.95	16.94	17.76	18.50
		12	13	17.27	17.23	17.60	18.50
		25	0	17.00	17.30	17.80	18.50
	16QAM	1	0	16.76	17.97	18.44	18.50
		1	13	17.37	17.23	18.00	18.50
		1	24	18.20	18.35	17.63	18.50
		12	0	16.74	17.29	17.09	17.50
		12	6	17.25	17.06	16.90	17.50
		12	13	17.25	17.41	16.74	17.50
		25	0	17.29	17.28	16.96	17.50
	64QAM	1	0	16.77	17.08	17.18	17.50



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 herein 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.: SZCR250100020706

Page: 21 of 57

		1	13	17.23	17.12	17.17	17.50
		1	24	16.83	16.88	16.74	17.50
		12	0	15.89	16.19	16.20	16.50
		12	6	16.39	16.18	16.02	16.50
		12	13	16.08	16.46	15.85	16.50
		25	0	16.35	16.29	16.02	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.02	19.04	19.25	19.50
		1	25	19.19	18.42	18.91	19.50
		1	49	18.70	18.32	18.07	19.50
		25	0	17.35	17.21	17.82	18.50
		25	13	16.89	17.07	17.88	18.50
		25	25	17.36	17.20	17.62	18.50
		50	0	16.89	17.19	17.82	18.50
	16QAM	1	0	16.74	17.97	18.43	18.50
		1	25	17.40	17.19	17.97	18.50
		1	49	18.18	18.24	17.61	18.50
		25	0	16.82	17.16	17.00	17.50
		25	13	17.12	17.14	16.95	17.50
		25	25	17.24	17.38	16.82	17.50
		50	0	17.10	17.20	16.97	17.50
	64QAM	1	0	16.83	17.18	17.16	17.50
		1	25	17.09	17.15	17.14	17.50
		1	49	16.82	16.82	16.79	17.50
		25	0	16.00	16.33	16.21	16.50
		25	13	16.39	16.05	15.96	16.50
		25	25	16.17	16.47	15.93	16.50
		50	0	16.48	16.38	15.97	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.14	19.17	19.16	19.50
		1	38	19.13	18.42	18.93	19.50
		1	74	18.69	18.35	18.19	19.50
		36	0	16.56	17.08	17.99	18.50
		36	18	16.98	16.96	17.78	18.50
		36	39	17.42	17.23	17.68	18.50
		75	0	17.03	17.30	17.93	18.50
	16QAM	1	0	16.83	18.04	18.29	18.50



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.: SZCR250100020706

Page: 22 of 57

		1	38	17.27	17.30	18.05	18.50
		1	74	18.09	18.36	17.64	18.50
		36	0	16.86	17.29	17.03	17.50
		36	18	17.24	17.15	17.00	17.50
		36	39	17.25	17.45	16.92	17.50
		75	0	17.16	17.29	17.03	17.50
		64QAM	1	0	16.71	17.17	17.12
	1		38	17.10	17.28	16.98	17.50
	1		74	16.80	16.90	16.91	17.50
	36		0	15.91	16.28	16.09	16.50
	36		18	16.39	16.17	16.07	16.50
	36		39	16.21	16.47	16.02	16.50
	75		0	16.29	16.39	16.11	16.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20850					21100	21350	
20MHz	QPSK	1	0	19.09	19.12	19.15	19.50
		1	50	19.18	18.49	19.00	19.50
		1	99	18.78	18.40	18.17	19.50
		50	0	16.52	17.11	17.92	18.50
		50	25	16.90	17.01	17.82	18.50
		50	50	17.34	17.30	17.70	18.50
		100	0	16.97	17.22	17.83	18.50
	16QAM	1	0	16.83	18.01	18.37	18.50
		1	50	17.32	17.29	17.99	18.50
		1	99	18.13	18.29	17.66	18.50
		50	0	16.81	17.20	17.08	17.50
		50	25	17.16	17.07	16.94	17.50
		50	50	17.19	17.36	16.84	17.50
		100	0	17.20	17.25	16.94	17.50
	64QAM	1	0	16.76	17.11	17.08	17.50
		1	50	17.19	17.21	17.08	17.50
		1	99	16.89	16.87	16.84	17.50
		50	0	15.99	16.27	16.15	16.50
		50	25	16.33	16.15	16.05	16.50
		50	50	16.12	16.43	15.94	16.50
		100	0	16.39	16.34	16.04	16.50



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.: SZCR250100020706

Page: 23 of 57

LTE Band 7 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.73	22.73	22.36	24.00
		1	13	22.77	22.74	22.57	24.00
		1	24	22.99	22.84	22.85	24.00
		12	0	21.65	21.22	21.59	23.00
		12	6	21.85	21.52	21.38	23.00
		12	13	21.48	21.37	21.36	23.00
		25	0	21.57	21.43	21.42	23.00
	16QAM	1	0	21.62	21.59	21.40	23.00
		1	13	21.68	21.85	21.63	23.00
		1	24	21.72	21.67	21.46	23.00
		12	0	20.74	20.74	20.68	22.00
		12	6	21.19	20.62	20.61	22.00
		12	13	20.82	20.39	20.49	22.00
		25	0	20.96	20.70	20.49	22.00
	64QAM	1	0	21.66	21.54	20.40	22.00
		1	13	20.99	20.93	20.12	22.00
		1	24	21.41	21.74	20.46	22.00
		12	0	20.37	20.08	20.70	21.00
		12	6	20.67	20.03	20.39	21.00
		12	13	20.91	20.47	19.98	21.00
		25	0	20.72	19.95	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.70	22.73	22.25	24.00
		1	25	22.90	22.69	22.50	24.00
		1	49	22.83	22.91	22.56	24.00
		25	0	21.73	21.31	21.58	23.00
		25	13	21.81	21.54	21.54	23.00
		25	25	21.55	21.48	21.42	23.00
		50	0	21.64	21.29	21.48	23.00
	16QAM	1	0	21.58	21.66	21.33	23.00
		1	25	21.74	21.82	21.53	23.00
		1	49	21.61	21.62	21.52	23.00
		25	0	20.79	20.84	20.79	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 herein 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.: SZCR250100020706

Page: 24 of 57

		25	13	21.14	20.62	20.56	22.00
		25	25	20.88	20.48	20.38	22.00
		50	0	21.08	20.53	20.40	22.00
	64QAM	1	0	21.57	21.50	20.51	22.00
		1	25	21.08	21.02	20.18	22.00
		1	49	21.48	21.79	20.64	22.00
		25	0	20.41	20.04	20.77	21.00
		25	13	20.70	20.13	20.43	21.00
		25	25	20.97	20.52	20.10	21.00
		50	0	20.73	20.06	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.69	22.78	22.39	24.00
		1	38	22.75	22.71	22.48	24.00
		1	74	22.86	22.80	22.58	24.00
		36	0	21.61	21.34	21.45	23.00
		36	18	21.80	21.70	21.35	23.00
		36	39	21.63	21.44	21.44	23.00
		75	0	21.68	21.31	21.49	23.00
	16QAM	1	0	21.59	21.52	21.39	23.00
		1	38	21.80	21.75	21.62	23.00
		1	74	21.61	21.63	21.42	23.00
		36	0	20.69	20.77	20.63	22.00
		36	18	21.07	20.62	20.50	22.00
		36	39	20.98	20.45	20.45	22.00
		75	0	21.06	20.70	20.42	22.00
	64QAM	1	0	21.65	21.49	20.45	22.00
		1	38	21.06	20.98	20.23	22.00
		1	74	21.43	21.83	20.63	22.00
		36	0	20.23	20.00	20.74	21.00
		36	18	20.77	20.14	20.45	21.00
		36	39	20.95	20.46	19.94	21.00
		75	0	20.91	19.97	20.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.74	22.81	22.35	24.00
		1	50	22.83	22.70	22.48	24.00
		1	99	22.93	22.84	22.35	24.00
		50	0	21.66	21.32	21.52	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.: SZCR250100020706

Page: 25 of 57

		50	25	21.85	21.61	21.44	23.00
		50	50	21.54	21.44	21.37	23.00
		100	0	21.63	21.35	21.43	23.00
	16QAM	1	0	21.67	21.62	21.33	23.00
		1	50	21.72	21.83	21.56	23.00
		1	99	21.70	21.64	21.44	23.00
		50	0	20.77	20.77	20.69	22.00
		50	25	21.15	20.56	20.57	22.00
		50	50	20.91	20.48	20.46	22.00
		100	0	20.98	20.63	20.46	22.00
	64QAM	1	0	21.59	21.44	20.41	22.00
		1	50	21.06	21.00	20.22	22.00
		1	99	21.38	21.81	20.55	22.00
		50	0	20.33	20.04	20.74	21.00
		50	25	20.73	20.06	20.44	21.00
		50	50	20.88	20.52	20.02	21.00
		100	0	20.82	20.05	20.12	21.00

LTE Band 66 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.55	21.28	21.46	22.50
		1	2	21.61	21.46	21.47	22.50
		1	5	21.54	21.49	21.40	22.50
		3	0	21.06	21.45	21.01	22.50
		3	1	21.16	21.34	21.27	22.50
		3	3	21.38	21.28	21.08	22.50
		6	0	20.15	20.32	20.18	21.50
	16QAM	1	0	21.27	21.27	20.17	21.50
		1	2	21.35	21.40	21.13	21.50
		1	5	21.32	21.08	20.76	21.50
		3	0	20.30	20.39	20.53	21.50
		3	1	20.48	20.69	20.13	21.50
		3	3	21.30	20.47	20.29	21.50
		6	0	19.21	19.71	19.21	20.50
	64QAM	1	0	19.64	20.00	19.97	20.50
		1	2	19.91	19.65	19.33	20.50
		1	5	20.23	19.20	19.36	20.50



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.: SZCR250100020706

Page: 26 of 57

		3	0	19.71	19.80	20.10	20.50
		3	1	20.00	20.13	19.72	20.50
		3	3	20.36	20.10	19.81	20.50
		6	0	18.89	19.09	18.73	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.49	21.44	21.46	22.50
		1	7	21.49	21.34	21.49	22.50
		1	14	21.51	21.38	21.55	22.50
		8	0	20.08	20.33	20.03	21.50
		8	4	20.23	20.36	20.07	21.50
		8	7	20.21	20.28	20.03	21.50
		15	0	20.29	20.20	20.22	21.50
	16QAM	1	0	21.12	21.30	20.16	21.50
		1	7	21.36	21.34	21.23	21.50
		1	14	21.34	21.06	20.77	21.50
		8	0	19.32	19.29	19.61	20.50
		8	4	19.38	19.71	19.16	20.50
		8	7	20.25	19.53	19.27	20.50
		15	0	19.34	19.66	19.23	20.50
	64QAM	1	0	19.77	19.89	20.11	20.50
		1	7	19.98	19.53	19.15	20.50
		1	14	20.30	19.18	19.19	20.50
		8	0	18.76	18.74	19.04	19.50
		8	4	18.94	19.25	18.76	19.50
		8	7	19.32	19.02	18.68	19.50
		15	0	18.88	19.29	18.64	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.49	21.25	21.37	22.50
		1	13	21.65	21.47	21.54	22.50
		1	24	21.46	21.46	21.46	22.50
		12	0	20.13	20.40	20.10	21.50
		12	6	20.34	20.34	20.14	21.50
		12	13	20.29	20.32	20.01	21.50
		25	0	20.22	20.36	20.16	21.50
	16QAM	1	0	21.20	21.31	20.13	21.50
		1	13	21.38	21.37	21.17	21.50
		1	24	21.36	21.02	20.87	21.50



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

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.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.: SZCR250100020706

Page: 27 of 57

		12	0	19.30	19.45	19.67	20.50
		12	6	19.38	19.67	19.13	20.50
		12	13	20.16	19.42	19.34	20.50
		25	0	19.37	19.59	19.03	20.50
	64QAM	1	0	19.69	20.02	19.95	20.50
		1	13	19.94	19.54	19.17	20.50
		1	24	20.31	19.30	19.20	20.50
		12	0	18.66	18.87	19.14	19.50
		12	6	18.85	19.26	18.73	19.50
		12	13	19.31	18.97	18.64	19.50
		25	0	18.86	19.27	18.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.54	21.44	21.44	22.50
		1	25	21.50	21.52	21.58	22.50
		1	49	21.52	21.44	21.51	22.50
		25	0	20.13	20.38	20.08	21.50
		25	13	20.31	20.25	20.10	21.50
		25	25	20.33	20.37	20.04	21.50
		50	0	20.32	20.26	20.06	21.50
	16QAM	1	0	21.10	21.29	20.19	21.50
		1	25	21.45	21.39	21.18	21.50
		1	49	21.24	21.08	20.82	21.50
		25	0	19.22	19.27	19.55	20.50
		25	13	19.52	19.54	19.16	20.50
		25	25	20.11	19.34	19.27	20.50
		50	0	19.29	19.77	19.15	20.50
	64QAM	1	0	19.77	19.92	20.08	20.50
		1	25	19.91	19.58	19.22	20.50
		1	49	20.16	19.18	19.37	20.50
		25	0	18.69	18.86	19.10	19.50
		25	13	18.88	19.26	18.78	19.50
		25	25	19.27	19.12	18.79	19.50
		50	0	18.82	19.24	18.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.43	21.35	21.34	22.50
		1	38	21.69	21.41	21.51	22.50
		1	74	21.48	21.39	21.45	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.: SZCR250100020706

Page: 28 of 57

		36	0	20.14	20.33	19.95	21.50
		36	18	20.26	20.36	20.27	21.50
		36	39	20.33	20.41	20.14	21.50
		75	0	20.23	20.24	20.09	21.50
	16QAM	1	0	21.22	21.21	20.30	21.50
		1	38	21.41	21.22	21.11	21.50
		1	74	21.29	21.09	20.92	21.50
		36	0	19.18	19.37	19.56	20.50
		36	18	19.53	19.59	19.08	20.50
		36	39	20.16	19.34	19.34	20.50
		75	0	19.40	19.76	19.17	20.50
	64QAM	1	0	19.69	20.02	20.11	20.50
		1	38	20.04	19.59	19.22	20.50
		1	74	20.13	19.27	19.36	20.50
		36	0	18.64	18.78	19.18	19.50
		36	18	19.02	19.21	18.71	19.50
		36	39	19.28	19.07	18.80	19.50
		75	0	18.77	19.19	18.62	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					132072	132322	132572
	20MHz	QPSK	1	0	21.46	21.34	21.43
			1	50	21.59	21.44	21.52
			1	99	21.56	21.40	21.45
			50	0	20.16	20.35	20.05
			50	25	20.26	20.26	20.17
			50	50	20.30	20.37	20.10
			100	0	20.24	20.28	20.13
		16QAM	1	0	21.17	21.26	20.20
			1	50	21.37	21.32	21.19
			1	99	21.34	21.04	20.83
			50	0	19.25	19.37	19.60
			50	25	19.48	19.64	19.10
			50	50	20.20	19.43	19.26
			100	0	19.31	19.69	19.13
		64QAM	1	0	19.74	19.96	20.02
			1	50	19.96	19.61	19.23
			1	99	20.23	19.21	19.28
			50	0	18.73	18.83	19.08
			50	25	18.95	19.22	18.72



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.: SZCR250100020706

Page: 29 of 57

		50	50	19.37	19.05	18.72	19.50
		100	0	18.80	19.19	18.72	19.50

LTE Band 66 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.53	22.36	22.10	23.50
		1	2	22.76	22.31	22.37	23.50
		1	5	22.93	22.74	22.33	23.50
		3	0	22.10	22.18	22.12	23.50
		3	1	22.08	22.44	22.25	23.50
		3	3	22.29	22.29	22.37	23.50
		6	0	21.22	21.17	21.13	22.50
	16QAM	1	0	21.82	21.68	21.46	22.50
		1	2	22.08	22.19	21.43	22.50
		1	5	21.73	21.89	21.75	22.50
		3	0	21.35	21.45	21.30	22.50
		3	1	21.24	21.37	21.13	22.50
		3	3	21.47	21.36	21.34	22.50
		6	0	20.27	20.37	20.27	21.50
	64QAM	1	0	20.46	20.78	20.21	21.50
		1	2	20.60	20.19	20.60	21.50
		1	5	20.77	20.64	21.23	21.50
		3	0	20.84	21.02	21.16	21.50
		3	1	20.87	21.36	20.87	21.50
		3	3	20.84	20.98	20.72	21.50
		6	0	19.94	20.25	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.59	22.26	22.10	23.50
		1	7	22.85	22.29	22.25	23.50
		1	14	22.75	22.56	22.36	23.50
		8	0	21.11	21.37	21.17	22.50
		8	4	21.18	21.41	21.15	22.50
		8	7	21.39	21.34	21.34	22.50
		15	0	21.09	21.27	21.08	22.50
	16QAM	1	0	21.89	21.59	21.46	22.50
		1	7	21.97	22.28	21.34	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.: SZCR250100020706

Page: 30 of 57

		1	14	21.76	21.94	21.73	22.50
		8	0	20.34	20.31	20.28	21.50
		8	4	20.17	20.31	20.21	21.50
		8	7	20.45	20.27	20.31	21.50
		15	0	20.16	20.44	20.30	21.50
	64QAM	1	0	20.51	20.64	20.26	21.50
		1	7	20.54	20.28	20.69	21.50
		1	14	20.75	20.71	21.23	21.50
		8	0	19.96	20.08	20.15	20.50
		8	4	19.82	20.31	19.85	20.50
		8	7	19.88	20.09	19.68	20.50
		15	0	19.92	20.20	19.63	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
		1	0	22.57	22.30	22.14	23.50
		1	13	22.81	22.33	22.30	23.50
		1	24	22.83	22.64	22.30	23.50
	QPSK	12	0	21.13	21.28	21.16	22.50
		12	6	21.08	21.37	21.22	22.50
		12	13	21.38	21.28	21.31	22.50
		25	0	21.13	21.25	21.05	22.50
		1	0	21.79	21.63	21.38	22.50
		1	13	22.05	22.21	21.44	22.50
		1	24	21.79	21.91	21.69	22.50
	16QAM	12	0	20.36	20.40	20.28	21.50
		12	6	20.21	20.39	20.12	21.50
		12	13	20.40	20.34	20.36	21.50
		25	0	20.21	20.38	20.27	21.50
		1	0	20.54	20.72	20.25	21.50
		1	13	20.58	20.25	20.64	21.50
		1	24	20.78	20.62	21.17	21.50
	64QAM	12	0	19.87	20.00	20.09	20.50
		12	6	19.92	20.32	19.85	20.50
		12	13	19.94	20.01	19.67	20.50
		25	0	19.87	20.19	19.73	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
		1	0	22.68	22.20	22.17	23.50
10MHz	QPSK	1	25	22.76	22.36	22.40	23.50



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 herein 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 Technical Services 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.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.: SZCR250100020706

Page: 31 of 57

		1	49	22.81	22.67	22.23	23.50
		25	0	21.24	21.30	21.10	22.50
		25	13	21.19	21.39	21.34	22.50
		25	25	21.24	21.29	21.23	22.50
		50	0	21.15	21.22	21.05	22.50
	16QAM	1	0	21.87	21.66	21.57	22.50
		1	25	22.00	22.15	21.46	22.50
		1	49	21.82	21.81	21.73	22.50
		25	0	20.32	20.38	20.16	21.50
		25	13	20.27	20.45	20.20	21.50
		25	25	20.41	20.40	20.27	21.50
		50	0	20.25	20.42	20.09	21.50
	64QAM	1	0	20.64	20.61	20.13	21.50
		1	25	20.66	20.09	20.68	21.50
		1	49	20.86	20.57	21.12	21.50
		25	0	19.89	20.01	20.05	20.50
		25	13	19.82	20.20	19.75	20.50
		25	25	19.98	19.98	19.66	20.50
		50	0	19.75	20.12	19.67	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.51	22.17	22.16	23.50
		1	38	22.73	22.28	22.21	23.50
		1	74	22.77	22.66	22.15	23.50
		36	0	21.28	21.16	21.19	22.50
		36	18	21.11	21.48	21.23	22.50
		36	39	21.37	21.37	21.21	22.50
		75	0	21.19	21.20	21.21	22.50
	16QAM	1	0	21.74	21.69	21.47	22.50
		1	38	22.04	22.10	21.35	22.50
		1	74	21.64	21.91	21.65	22.50
		36	0	20.38	20.42	20.21	21.50
		36	18	20.23	20.31	20.12	21.50
		36	39	20.31	20.34	20.27	21.50
		75	0	20.22	20.36	20.11	21.50
	64QAM	1	0	20.58	20.61	20.30	21.50
		1	38	20.65	20.13	20.69	21.50
		1	74	20.80	20.61	21.12	21.50
		36	0	19.80	19.98	20.10	20.50



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

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.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.: SZCR250100020706

Page: 32 of 57

		36	18	19.85	20.24	19.77	20.50
		36	39	19.91	20.01	19.80	20.50
		75	0	19.80	20.18	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.60	22.26	22.18	23.50
		1	50	22.83	22.33	22.30	23.50
		1	99	22.80	22.63	22.22	23.50
		50	0	21.21	21.23	21.10	22.50
		50	25	21.17	21.38	21.25	22.50
		50	50	21.34	21.35	21.24	22.50
		100	0	21.18	21.26	21.15	22.50
	16QAM	1	0	21.81	21.70	21.47	22.50
		1	50	21.95	22.16	21.41	22.50
		1	99	21.73	21.89	21.64	22.50
		50	0	20.29	20.36	20.21	21.50
		50	25	20.17	20.39	20.21	21.50
		50	50	20.34	20.44	20.28	21.50
		100	0	20.25	20.40	20.17	21.50
	64QAM	1	0	20.61	20.70	20.23	21.50
		1	50	20.65	20.15	20.73	21.50
		1	99	20.86	20.60	21.18	21.50
		50	0	19.81	20.01	20.13	20.50
		50	25	19.86	20.28	19.75	20.50
		50	50	19.96	19.98	19.70	20.50
		100	0	19.78	20.18	19.77	20.50

LTE Band 38 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.81	19.88	19.71	21.00
		1	13	19.48	19.43	19.56	21.00
		1	24	19.43	19.33	19.36	21.00
		12	0	18.87	18.59	18.38	20.00
		12	6	18.45	18.53	18.40	20.00
		12	13	18.84	18.33	18.37	20.00
		25	0	18.53	18.42	18.57	20.00
	16QAM	1	0	18.94	18.62	18.49	20.00



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.: SZCR250100020706

Page: 33 of 57

		1	13	18.92	18.42	18.28	20.00
		1	24	18.65	18.35	18.27	20.00
		12	0	17.50	17.12	17.07	19.00
		12	6	17.35	17.11	17.22	19.00
		12	13	17.79	17.17	17.28	19.00
		25	0	17.73	17.09	17.23	19.00
	64QAM	1	0	18.38	17.96	18.68	19.00
	64QAM	1	13	18.14	17.72	18.19	19.00
	64QAM	1	24	18.78	18.39	18.88	19.00
	64QAM	12	0	16.29	16.18	16.09	18.00
	64QAM	12	6	16.37	16.13	16.01	18.00
	64QAM	12	13	16.66	16.35	16.17	18.00
	64QAM	25	0	16.52	16.26	16.27	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	19.71	19.97	19.75	21.00
	QPSK	1	25	19.54	19.44	19.41	21.00
	QPSK	1	49	19.33	19.38	19.35	21.00
	QPSK	25	0	18.83	18.61	18.48	20.00
	QPSK	25	13	18.42	18.40	18.38	20.00
	QPSK	25	25	18.71	18.29	18.33	20.00
	QPSK	50	0	18.63	18.43	18.44	20.00
	16QAM	1	0	18.92	18.58	18.49	20.00
	16QAM	1	25	18.99	18.46	18.45	20.00
	16QAM	1	49	18.63	18.39	18.31	20.00
	16QAM	25	0	17.42	17.09	17.14	19.00
	16QAM	25	13	17.36	17.23	17.04	19.00
	16QAM	25	25	17.67	17.24	17.46	19.00
	16QAM	50	0	17.61	17.07	17.19	19.00
	64QAM	1	0	18.48	18.06	18.57	19.00
	64QAM	1	25	18.16	17.85	18.02	19.00
	64QAM	1	49	18.80	18.40	18.87	19.00
	64QAM	25	0	16.44	16.09	16.03	18.00
	64QAM	25	13	16.27	16.23	16.04	18.00
	64QAM	25	25	16.60	16.41	16.33	18.00
	64QAM	50	0	16.42	16.32	16.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.72	20.04	19.79	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.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.: SZCR250100020706

Page: 34 of 57

		1	38	19.47	19.45	19.46	21.00	
		1	74	19.44	19.32	19.41	21.00	
		36	0	18.85	18.49	18.40	20.00	
		36	18	18.44	18.56	18.56	20.00	
		36	39	18.82	18.27	18.44	20.00	
		75	0	18.52	18.53	18.55	20.00	
	16QAM	1	0	18.86	18.66	18.56	20.00	
		1	38	18.92	18.29	18.27	20.00	
		1	74	18.61	18.34	18.26	20.00	
		36	0	17.48	17.16	17.03	19.00	
		36	18	17.38	17.23	17.11	19.00	
		36	39	17.79	17.17	17.36	19.00	
	64QAM	75	0	17.61	17.09	17.22	19.00	
		1	0	18.43	18.07	18.60	19.00	
		1	38	18.01	17.85	18.10	19.00	
		1	74	18.79	18.39	18.95	19.00	
		36	0	16.40	16.12	16.32	18.00	
		36	18	16.34	16.09	16.13	18.00	
		36	39	16.62	16.49	16.30	18.00	
		75	0	16.57	16.18	16.12	18.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
37850						38000	38150	
20MHz	QPSK	1	0	19.71	19.96	19.76	21.00	
		1	50	19.47	19.42	19.51	21.00	
		1	99	19.37	19.29	19.44	21.00	
		50	0	18.79	18.59	18.45	20.00	
		50	25	18.51	18.46	18.46	20.00	
		50	50	18.76	18.35	18.38	20.00	
		100	0	18.56	18.46	18.52	20.00	
	16QAM	1	0	18.87	18.68	18.56	20.00	
		1	50	18.89	18.36	18.36	20.00	
		1	99	18.56	18.32	18.24	20.00	
		50	0	17.48	17.06	17.12	19.00	
		50	25	17.45	17.13	17.13	19.00	
		50	50	17.77	17.16	17.37	19.00	
		100	0	17.66	17.05	17.28	19.00	
	64QAM	1	0	18.43	18.05	18.60	19.00	
		1	50	18.11	17.78	18.12	19.00	
		1	99	18.72	18.34	18.86	19.00	



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 herein 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 Technical Services 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.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.: SZCR250100020706

Page: 35 of 57

		50	0	16.35	16.13	16.07	18.00
		50	25	16.37	16.16	16.04	18.00
		50	50	16.61	16.39	16.27	18.00
		100	0	16.49	16.26	16.18	18.00

LTE Band 38 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.63	22.63	22.56	24.00
		1	13	22.55	22.45	22.36	24.00
		1	24	22.51	22.33	22.15	24.00
		12	0	21.70	21.70	21.45	23.00
		12	6	21.66	21.52	21.44	23.00
		12	13	21.66	21.47	21.33	23.00
		25	0	21.65	21.54	21.52	23.00
	16QAM	1	0	22.29	22.28	21.43	23.00
		1	13	22.26	21.92	21.29	23.00
		1	24	22.12	22.06	21.18	23.00
		12	0	21.02	20.64	20.71	22.00
		12	6	20.67	20.43	20.50	22.00
		12	13	20.80	20.49	20.46	22.00
		25	0	20.80	20.79	20.48	22.00
	64QAM	1	0	20.82	21.13	20.98	22.00
		1	13	20.82	20.82	20.78	22.00
		1	24	20.54	20.73	20.55	22.00
		12	0	20.49	20.31	19.81	21.00
		12	6	20.27	19.96	20.16	21.00
		12	13	20.22	19.95	19.98	21.00
		25	0	20.05	19.84	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.64	22.60	22.65	24.00
		1	25	22.67	22.44	22.41	24.00
		1	49	22.62	22.27	22.23	24.00
		25	0	21.75	21.68	21.49	23.00
		25	13	21.75	21.61	21.37	23.00
		25	25	21.49	21.33	21.33	23.00
		50	0	21.83	21.52	21.50	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.: SZCR250100020706

Page: 36 of 57

	16QAM	1	0	22.36	22.22	21.50	23.00
		1	25	22.34	22.03	21.28	23.00
		1	49	22.11	21.94	21.28	23.00
		25	0	20.96	20.73	20.73	22.00
		25	13	20.72	20.57	20.49	22.00
		25	25	20.84	20.37	20.34	22.00
		50	0	20.84	20.76	20.57	22.00
	64QAM	1	0	20.86	21.10	20.84	22.00
		1	25	20.79	20.94	20.91	22.00
		1	49	20.71	20.62	20.62	22.00
		25	0	20.38	20.15	19.96	21.00
		25	13	20.26	20.07	20.18	21.00
		25	25	20.41	19.90	20.08	21.00
		50	0	20.14	19.87	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.49	22.62	22.66	24.00
		1	38	22.61	22.55	22.41	24.00
		1	74	22.54	22.24	22.28	24.00
		36	0	21.84	21.69	21.42	23.00
		36	18	21.66	21.52	21.48	23.00
		36	39	21.62	21.48	21.39	23.00
		75	0	21.83	21.56	21.49	23.00
	16QAM	1	0	22.20	22.12	21.41	23.00
		1	38	22.17	21.98	21.28	23.00
		1	74	22.00	22.02	21.22	23.00
		36	0	20.94	20.60	20.64	22.00
		36	18	20.68	20.59	20.50	22.00
		36	39	20.78	20.46	20.43	22.00
		75	0	20.76	20.80	20.66	22.00
	64QAM	1	0	20.93	21.10	20.99	22.00
		1	38	20.72	20.83	20.74	22.00
		1	74	20.68	20.68	20.63	22.00
		36	0	20.45	20.11	19.80	21.00
		36	18	20.16	20.09	20.22	21.00
		36	39	20.24	19.99	20.01	21.00
		75	0	20.07	19.80	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	



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 herein 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 Technical Services Co., Ltd. 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.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.: SZCR250100020706

Page: 37 of 57

20MHz	QPSK	1	0	22.58	22.53	22.65	24.00
		1	50	22.60	22.49	22.44	24.00
		1	99	22.58	22.32	22.25	24.00
		50	0	21.76	21.70	21.43	23.00
		50	25	21.70	21.53	21.43	23.00
		50	50	21.57	21.43	21.43	23.00
		100	0	21.73	21.58	21.46	23.00
	16QAM	1	0	22.27	22.22	21.50	23.00
		1	50	22.24	21.97	21.28	23.00
		1	99	22.02	21.99	21.19	23.00
		50	0	20.92	20.69	20.66	22.00
		50	25	20.75	20.51	20.55	22.00
		50	50	20.82	20.40	20.40	22.00
		100	0	20.74	20.74	20.58	22.00
	64QAM	1	0	20.90	21.10	20.94	22.00
		1	50	20.78	20.87	20.82	22.00
		1	99	20.61	20.68	20.58	22.00
		50	0	20.43	20.21	19.88	21.00
		50	25	20.17	19.99	20.17	21.00
		50	50	20.31	19.94	20.01	21.00
		100	0	20.09	19.90	20.16	21.00

LTE Band 41 State1				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.81	19.47	19.73	19.54	19.45	21.00
		1	13	19.66	19.37	19.36	19.58	19.55	21.00
		1	24	19.61	19.41	19.31	19.32	19.33	21.00
		12	0	18.94	18.53	18.63	18.12	18.57	20.00
		12	6	18.62	18.52	18.57	18.40	18.48	20.00
		12	13	18.74	18.41	18.40	18.16	18.44	20.00
		25	0	18.77	18.41	18.51	18.42	18.45	20.00
	16QAM	1	0	18.71	18.49	18.55	18.19	18.58	20.00
		1	13	18.55	18.13	18.92	18.60	18.46	20.00
		1	24	18.08	18.41	18.45	18.21	18.26	20.00
		12	0	17.21	17.11	17.14	17.18	17.17	19.00
		12	6	17.06	17.18	17.03	17.10	17.16	19.00
		12	13	17.38	17.21	17.29	17.10	17.31	19.00



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.: SZCR250100020706

Page: 38 of 57

		25	0	17.13	17.12	17.16	17.38	17.17	19.00
	64QAM	1	0	18.17	17.96	17.94	18.05	18.22	19.00
		1	13	17.87	17.61	17.68	17.74	17.95	19.00
		1	24	18.59	18.12	18.35	18.71	18.17	19.00
		12	0	16.18	16.19	16.42	16.08	16.37	18.00
		12	6	16.01	16.15	16.47	16.10	16.45	18.00
		12	13	16.33	16.38	16.55	16.54	16.53	18.00
		25	0	16.15	16.16	16.56	16.29	16.54	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.85	19.43	19.80	19.45	19.42	21.00
		1	25	19.66	19.28	19.46	19.49	19.69	21.00
		1	49	19.46	19.38	19.33	19.43	19.46	21.00
		25	0	18.76	18.37	18.53	18.66	18.70	20.00
		25	13	18.66	18.40	18.43	18.29	18.51	20.00
		25	25	18.55	18.57	18.45	18.22	18.40	20.00
		50	0	18.73	18.34	18.45	18.31	18.44	20.00
	16QAM	1	0	18.70	18.52	18.42	18.28	18.71	20.00
		1	25	18.72	18.11	18.89	18.55	18.46	20.00
		1	49	18.14	18.56	18.33	18.24	18.32	20.00
		25	0	17.32	17.38	17.39	17.16	17.26	19.00
		25	13	17.07	17.07	17.13	17.03	17.24	19.00
		25	25	17.42	17.22	17.25	17.19	17.26	19.00
		50	0	17.04	17.07	17.21	17.25	17.24	19.00
	64QAM	1	0	18.03	17.98	18.01	18.06	18.34	19.00
		1	25	17.86	17.52	17.79	17.78	17.81	19.00
		1	49	18.51	18.05	18.51	18.75	18.23	19.00
		25	0	16.34	16.11	16.27	16.22	16.36	18.00
		25	13	16.13	16.18	16.42	16.18	16.36	18.00
		25	25	16.40	16.42	16.56	16.64	16.47	18.00
		50	0	16.10	16.13	16.54	16.27	16.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.99	19.38	19.65	19.43	19.54	21.00
		1	38	19.75	19.42	19.43	19.49	19.59	21.00
		1	74	19.52	19.33	19.30	19.33	19.41	21.00
		36	0	18.91	18.44	18.55	18.12	18.52	20.00
		36	18	18.68	18.49	18.46	18.27	18.49	20.00
		36	39	18.71	18.53	18.36	18.14	18.46	20.00



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 herein 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.: SZCR250100020706

Page: 39 of 57

		75	0	18.64	18.45	18.54	18.28	18.45	20.00
	16QAM	1	0	18.88	18.42	18.59	18.12	18.73	20.00
		1	38	18.60	18.21	18.91	18.57	18.45	20.00
		1	74	18.03	18.48	18.41	18.15	18.20	20.00
		36	0	17.28	17.29	17.37	17.04	17.21	19.00
		36	18	17.09	17.14	17.04	17.16	17.18	19.00
		36	39	17.30	17.13	17.36	17.15	17.28	19.00
		75	0	17.05	17.14	17.06	17.36	17.21	19.00
	64QAM	1	0	18.04	17.96	18.01	18.14	18.21	19.00
		1	38	17.78	17.47	17.86	17.76	17.98	19.00
		1	74	18.65	18.16	18.47	18.61	18.21	19.00
		36	0	16.30	16.15	16.31	16.16	16.43	18.00
		36	18	16.17	16.18	16.48	16.28	16.44	18.00
		36	39	16.27	16.39	16.57	16.55	16.55	18.00
		75	0	16.12	16.15	16.47	16.29	16.54	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.91	19.48	19.75	19.49	19.52	21.00
		1	50	19.73	19.38	19.45	19.48	19.59	21.00
		1	99	19.55	19.41	19.36	19.37	19.43	21.00
		50	0	18.86	18.47	18.56	18.02	18.60	20.00
		50	25	18.72	18.47	18.51	18.30	18.51	20.00
		50	50	18.65	18.49	18.41	18.16	18.36	20.00
		100	0	18.70	18.40	18.47	18.35	18.54	20.00
	16QAM	1	0	18.79	18.42	18.51	18.22	18.65	20.00
		1	50	18.63	18.18	18.89	18.62	18.40	20.00
		1	99	18.06	18.51	18.38	18.19	18.23	20.00
		50	0	17.26	17.05	17.03	17.06	17.22	19.00
		50	25	17.05	17.08	17.11	17.13	17.20	19.00
		50	50	17.32	17.16	17.27	17.19	17.25	19.00
		100	0	17.14	17.06	17.12	17.29	17.24	19.00
	64QAM	1	0	18.08	17.94	18.01	18.14	18.26	19.00
		1	50	17.86	17.53	17.77	17.79	17.89	19.00
		1	99	18.58	18.09	18.41	18.68	18.15	19.00
		50	0	16.28	16.14	16.36	16.12	16.46	18.00
		50	25	16.07	16.14	16.40	16.18	16.42	18.00
		50	50	16.33	16.32	16.65	16.54	16.49	18.00
		100	0	16.17	16.23	16.51	16.34	16.48	18.00



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 herein 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 Technical Services 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.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.: SZCR250100020706

Page: 40 of 57

LTE Band 41 State2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.42	22.38	22.55	22.12	22.35	24.00
		1	13	22.65	22.47	22.41	22.33	22.65	24.00
		1	24	22.52	22.42	22.33	22.21	22.27	24.00
		12	0	21.93	21.59	21.53	21.30	21.56	23.00
		12	6	21.88	21.50	21.47	21.29	21.59	23.00
		12	13	21.52	21.31	21.52	21.43	21.41	23.00
		25	0	21.80	21.41	21.12	21.32	21.47	23.00
	16QAM	1	0	22.15	22.04	21.63	21.59	22.02	23.00
		1	13	22.26	22.14	21.44	21.82	22.08	23.00
		1	24	21.84	21.97	21.90	22.05	21.83	23.00
		12	0	20.89	20.60	20.69	20.21	20.51	22.00
		12	6	20.91	20.65	20.48	20.26	20.53	22.00
		12	13	20.64	20.52	20.28	20.37	20.69	22.00
		25	0	21.00	20.42	20.42	20.45	20.65	22.00
	64QAM	1	0	21.14	20.84	21.00	20.13	20.27	22.00
		1	13	20.96	20.90	20.76	20.15	20.59	22.00
		1	24	20.97	20.90	20.66	20.25	20.53	22.00
		12	0	20.40	20.22	20.12	19.71	20.24	21.00
		12	6	20.47	20.19	20.10	20.02	20.13	21.00
		12	13	20.16	20.18	19.99	19.75	20.17	21.00
		25	0	20.45	19.93	20.10	19.99	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.48	22.35	22.57	22.08	22.28	24.00
		1	25	22.74	22.46	22.34	22.28	22.67	24.00
		1	49	22.56	22.38	22.29	22.32	22.35	24.00
		25	0	21.86	21.44	21.52	21.19	21.52	23.00
		25	13	21.74	21.61	21.47	21.35	21.61	23.00
		25	25	21.62	21.25	21.45	21.28	21.46	23.00
		50	0	21.80	21.51	21.22	21.25	21.51	23.00
	16QAM	1	0	22.23	22.05	21.46	21.68	21.97	23.00
		1	25	22.23	22.15	21.31	21.72	22.06	23.00
		1	49	21.98	21.98	21.94	21.88	21.74	23.00
		25	0	20.95	20.58	20.55	20.24	20.59	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 herein 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.: SZCR250100020706

Page: 41 of 57

		25	13	20.77	20.63	20.61	20.36	20.57	22.00
		25	25	20.75	20.47	20.27	20.40	20.54	22.00
		50	0	20.92	20.36	20.53	20.41	20.55	22.00
	64QAM	1	0	21.16	20.80	21.09	20.13	20.30	22.00
		1	25	21.03	20.89	20.73	20.27	20.55	22.00
		1	49	20.95	20.98	20.76	20.27	20.62	22.00
		25	0	20.43	20.13	20.13	19.65	20.14	21.00
		25	13	20.29	20.21	20.13	19.91	20.22	21.00
		25	25	20.31	20.15	19.98	19.90	19.99	21.00
		50	0	20.29	19.88	20.07	19.97	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.56	22.34	22.51	22.08	22.26	24.00
		1	38	22.68	22.44	22.31	22.32	22.53	24.00
		1	74	22.54	22.38	22.30	22.25	22.30	24.00
		36	0	21.96	21.49	21.36	21.30	21.54	23.00
		36	18	21.69	21.62	21.49	21.17	21.62	23.00
		36	39	21.64	21.21	21.56	21.29	21.54	23.00
		75	0	21.85	21.50	21.24	21.40	21.31	23.00
	16QAM	1	0	22.15	21.98	21.55	21.62	21.91	23.00
		1	38	22.20	22.29	21.25	21.89	21.93	23.00
		1	74	21.80	22.03	21.95	22.03	21.88	23.00
		36	0	20.88	20.51	20.58	20.26	20.52	22.00
		36	18	20.90	20.65	20.52	20.37	20.58	22.00
		36	39	20.63	20.47	20.44	20.37	20.51	22.00
		75	0	21.01	20.50	20.38	20.50	20.48	22.00
	64QAM	1	0	21.29	20.90	21.06	20.10	20.30	22.00
		1	38	21.03	20.98	20.67	20.33	20.52	22.00
		1	74	20.92	20.91	20.75	20.36	20.58	22.00
		36	0	20.26	20.15	20.15	19.72	20.19	21.00
		36	18	20.38	20.18	20.10	19.87	20.23	21.00
		36	39	20.13	20.13	20.13	19.78	20.15	21.00
		75	0	20.35	19.95	20.14	20.15	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.51	22.44	22.52	22.13	22.29	24.00
		1	50	22.68	22.50	22.41	22.26	22.58	24.00
		1	99	22.46	22.33	22.27	22.30	22.36	24.00
		50	0	21.88	21.53	21.45	21.20	21.58	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 herein 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 Technical Services 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.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.: SZCR250100020706

Page: 42 of 57

		50	25	21.79	21.55	21.49	21.27	21.56	23.00
		50	50	21.55	21.28	21.46	21.37	21.51	23.00
		100	0	21.79	21.43	21.19	21.30	21.41	23.00
	16QAM	1	0	22.24	21.97	21.56	21.64	22.00	23.00
		1	50	22.25	22.23	21.34	21.82	22.03	23.00
		1	99	21.90	21.95	21.93	21.95	21.78	23.00
		50	0	20.98	20.59	20.63	20.23	20.60	22.00
		50	25	20.85	20.66	20.54	20.35	20.48	22.00
		50	50	20.68	20.53	20.37	20.40	20.61	22.00
		100	0	20.94	20.42	20.43	20.42	20.56	22.00
	64QAM	1	0	21.24	20.89	21.07	20.17	20.34	22.00
		1	50	21.05	20.90	20.75	20.25	20.53	22.00
		1	99	20.87	20.94	20.66	20.34	20.61	22.00
		50	0	20.36	20.16	20.13	19.67	20.16	21.00
		50	25	20.39	20.11	20.17	19.94	20.13	21.00
		50	50	20.23	20.08	20.07	19.84	20.07	21.00
		100	0	20.36	19.94	20.13	20.06	20.17	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

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.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 Main Antenna (Ant2)

2.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.83	31.85	31.95	33.50	-9.19	22.64	22.66	22.76	24.31
GPRS (GMSK)	1 TX Slot	31.85	31.90	32.01	33.50	-9.19	22.66	22.71	22.82	24.31
	2 TX Slots	29.72	29.72	29.73	31.00	-6.18	23.54	23.54	23.55	24.82
	3 TX Slots	27.99	27.91	27.92	29.00	-4.42	23.57	23.49	23.50	24.58
	4 TX Slots	25.67	25.59	25.61	27.00	-3.17	22.50	22.42	22.44	23.83
EGPRS (GMSK)	1 TX Slot	31.84	31.96	31.93	33.50	-9.19	22.65	22.77	22.74	24.31
	2 TX Slots	29.79	29.65	29.81	31.00	-6.18	23.61	23.47	23.63	24.82
	3 TX Slots	27.98	27.88	27.98	29.00	-4.42	23.56	23.46	23.56	24.58
	4 TX Slots	25.73	25.53	25.65	27.00	-3.17	22.56	22.36	22.48	23.83
EGPRS (8PSK)	1 TX Slot	24.97	24.98	24.91	26.00	-9.19	15.78	15.79	15.72	16.81
	2 TX Slots	23.79	23.83	23.72	25.00	-6.18	17.61	17.65	17.54	18.82
	3 TX Slots	21.31	21.41	21.34	23.00	-4.42	16.89	16.99	16.92	18.58
	4 TX Slots	18.57	18.83	18.93	20.00	-3.17	15.40	15.66	15.76	16.83



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 Inspection & 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.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

2.2 Conducted Power of WCDMA

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.99	23.04	22.84	24.00
	12.2kbps AMR	22.97	22.96	22.85	24.00
HSDPA	Subtest 1	21.70	21.50	21.58	22.50
	Subtest 2	21.47	21.22	21.31	22.50
	Subtest 3	21.11	20.92	21.02	22.50
	Subtest 4	21.14	21.10	21.09	22.50
HSUPA	Subtest 1	19.66	20.17	20.11	21.50
	Subtest 2	20.28	19.86	19.67	21.50
	Subtest 3	20.63	20.61	20.56	22.50
	Subtest 4	19.77	19.87	19.73	21.00
	Subtest 5	21.50	21.41	21.37	22.50
DC-HSDPA	Subtest 1	21.80	21.55	21.67	22.50
	Subtest 2	21.50	21.28	21.40	22.50
	Subtest 3	21.14	20.92	20.99	22.50
	Subtest 4	21.14	21.18	21.03	22.50
HSPA+	16QAM	21.82	21.77	21.71	23.50

2.3 Conducted Power of LTE

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	24.24	24.13	24.03	25.00
		1	2	24.39	24.14	23.90	25.00
		1	5	24.29	24.19	23.95	25.00
		3	0	23.99	23.89	23.77	25.00
		3	2	24.01	23.95	23.83	25.00
		3	3	23.94	23.90	23.89	25.00
		6	0	22.87	22.84	22.83	24.00
	16QAM	1	0	22.69	22.88	22.92	24.00
		1	2	22.92	23.11	23.18	24.00
		1	5	22.79	22.96	22.67	24.00
		3	0	23.04	23.47	23.34	24.00
		3	2	23.09	23.33	23.11	24.00
		3	3	23.03	23.34	23.10	24.00
		6	0	21.97	21.81	21.74	23.00
	64QAM	1	0	22.86	22.22	22.37	23.00
		1	2	22.26	22.37	21.84	23.00
		1	5	22.26	22.11	21.73	23.00
		3	0	22.10	21.99	21.52	23.00
		3	2	22.09	21.87	21.67	23.00
		3	3	22.11	21.97	21.92	23.00
		6	0	21.17	20.97	21.23	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.89	24.04	23.80	25.00
		1	7	23.77	24.09	23.68	25.00
		1	14	23.86	23.82	23.97	25.00
		8	0	22.89	22.85	22.80	24.00
		8	4	22.84	22.93	22.85	24.00
		8	7	22.88	22.94	22.95	24.00
		15	0	22.82	22.90	22.97	24.00
	16QAM	1	0	23.21	23.21	22.84	24.00
		1	7	23.02	22.98	23.01	24.00
		1	14	23.22	23.22	23.15	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 herein 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.: SZCR250100020706

Page: 46 of 57

		8	0	22.36	21.92	21.81	23.00
		8	4	22.29	22.04	21.94	23.00
		8	7	22.22	22.06	21.95	23.00
		15	0	22.08	21.86	22.01	23.00
	64QAM	1	0	22.24	22.12	22.27	23.00
		1	7	21.90	22.46	22.67	23.00
		1	14	21.75	22.40	21.94	23.00
		8	0	20.82	21.07	21.10	22.00
		8	4	21.15	21.11	20.87	22.00
		8	7	21.44	21.12	20.82	22.00
		15	0	21.16	21.14	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.93	23.98	23.84	25.00
		1	13	23.75	24.00	23.76	25.00
		1	24	23.82	23.96	23.86	25.00
		12	0	22.97	22.85	22.87	24.00
		12	6	22.83	22.85	23.01	24.00
		12	13	22.74	23.03	23.02	24.00
		25	0	22.94	22.82	23.07	24.00
	16QAM	1	0	23.14	23.14	22.98	24.00
		1	13	23.09	23.02	22.95	24.00
		1	24	23.21	23.12	23.09	24.00
		12	0	22.42	22.01	21.90	23.00
		12	6	22.39	22.03	21.93	23.00
		12	13	22.26	22.05	21.88	23.00
		25	0	22.17	21.91	21.86	23.00
	64QAM	1	0	22.07	21.98	22.14	23.00
		1	13	21.82	22.36	22.76	23.00
		1	24	21.80	22.38	21.87	23.00
		12	0	20.74	20.94	21.07	22.00
		12	6	21.06	21.09	20.85	22.00
		12	13	21.45	21.16	20.80	22.00
		25	0	21.17	21.17	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.92	23.97	23.88	25.00
		1	25	23.81	24.00	23.74	25.00
		1	49	23.78	23.88	23.87	25.00



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.: SZCR250100020706

Page: 47 of 57

		25	0	22.97	22.83	22.88	24.00
		25	13	22.91	22.93	22.91	24.00
		25	25	22.82	22.94	22.96	24.00
		50	0	22.87	22.87	22.99	24.00
	16QAM	1	0	23.18	23.20	22.92	24.00
		1	25	23.05	22.98	22.96	24.00
		1	49	23.26	23.13	23.16	24.00
		25	0	22.32	21.99	21.89	23.00
		25	13	22.29	21.97	21.88	23.00
		25	25	22.21	21.98	21.85	23.00
		50	0	22.08	21.93	21.91	23.00
	64QAM	1	0	22.15	22.06	22.19	23.00
		1	25	21.90	22.36	22.73	23.00
		1	49	21.77	22.41	21.85	23.00
		25	0	20.79	21.01	21.05	22.00
		25	13	21.06	21.02	20.87	22.00
		25	25	21.52	21.17	20.84	22.00
		50	0	21.12	21.14	20.88	22.00

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	24.01	23.77	23.99	25.00
		1	2	23.71	23.90	23.91	25.00
		1	5	23.57	23.92	23.94	25.00
		3	0	23.82	23.79	23.91	25.00
		3	2	23.82	23.75	23.87	25.00
		3	3	23.80	23.75	23.92	25.00
		6	0	22.66	22.77	23.02	24.00
	16QAM	1	0	22.77	22.84	22.74	24.00
		1	2	23.07	22.62	22.78	24.00
		1	5	22.72	22.69	23.36	24.00
		3	0	22.97	23.18	23.24	24.00
		3	2	23.31	23.23	23.14	24.00
		3	3	23.08	23.00	23.16	24.00
		6	0	21.60	21.55	21.67	23.00
	64QAM	1	0	22.32	22.47	22.35	23.00
		1	2	22.26	22.42	22.18	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 herein 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.: SZCR250100020706

Page: 48 of 57

		1	5	22.39	22.45	22.46	23.00
		3	0	21.58	21.47	21.99	23.00
		3	2	22.03	21.56	21.79	23.00
		3	3	21.60	21.89	21.92	23.00
		6	0	20.85	20.93	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	24.40	24.18	23.81	25.00
		1	7	23.74	24.03	24.35	25.00
		1	14	24.34	23.97	24.05	25.00
		8	0	22.80	22.83	22.84	24.00
		8	4	22.66	22.73	23.02	24.00
		8	7	22.92	22.77	23.00	24.00
		15	0	22.75	22.76	22.62	24.00
	16QAM	1	0	23.36	23.16	23.31	24.00
		1	7	23.35	22.79	22.53	24.00
		1	14	23.21	22.67	23.48	24.00
		8	0	21.92	21.98	21.94	23.00
		8	4	21.92	21.94	21.90	23.00
		8	7	21.96	22.06	22.25	23.00
		15	0	21.78	21.81	21.75	23.00
	64QAM	1	0	21.65	21.40	21.72	23.00
		1	7	21.96	21.51	21.94	23.00
		1	14	22.16	22.27	22.12	23.00
		8	0	20.98	21.01	21.14	22.00
		8	4	20.99	21.00	21.08	22.00
		8	7	20.94	20.78	21.10	22.00
		15	0	20.68	20.90	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	24.38	24.20	23.88	25.00
		1	13	23.75	23.94	24.36	25.00
		1	24	24.24	24.12	24.15	25.00
		12	0	22.90	22.78	22.69	24.00
		12	6	22.69	22.77	23.06	24.00
		12	13	23.01	22.90	23.11	24.00
		25	0	22.67	22.86	22.71	24.00
	16QAM	1	0	23.30	23.08	23.34	24.00
		1	13	23.37	22.71	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.: SZCR250100020706

Page: 49 of 57

		1	24	23.30	22.71	23.44	24.00
		12	0	21.88	22.03	21.84	23.00
		12	6	22.08	21.97	21.77	23.00
		12	13	21.95	22.03	22.25	23.00
		25	0	21.87	21.91	21.85	23.00
	64QAM	1	0	21.60	21.51	21.73	23.00
		1	13	21.94	21.51	21.82	23.00
		1	24	22.26	22.32	22.24	23.00
		12	0	20.98	20.92	21.14	22.00
		12	6	20.93	20.99	21.06	22.00
		12	13	20.95	20.94	21.09	22.00
		25	0	20.84	21.00	20.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	24.30	24.14	23.86	25.00
		1	25	23.70	24.00	24.28	25.00
		1	49	24.25	24.04	24.06	25.00
		25	0	22.83	22.74	22.77	24.00
		25	13	22.59	22.68	22.98	24.00
		25	25	22.97	22.81	23.07	24.00
		50	0	22.70	22.84	22.68	24.00
	16QAM	1	0	23.26	23.06	23.26	24.00
		1	25	23.34	22.73	22.51	24.00
		1	49	23.29	22.66	23.46	24.00
		25	0	21.85	22.05	21.90	23.00
		25	13	21.99	22.00	21.83	23.00
		25	25	21.92	22.04	22.18	23.00
		50	0	21.84	21.83	21.80	23.00
	64QAM	1	0	21.63	21.44	21.64	23.00
		1	25	21.95	21.53	21.88	23.00
		1	49	22.16	22.23	22.19	23.00
		25	0	21.06	20.99	21.12	22.00
		25	13	20.92	20.93	21.02	22.00
		25	25	20.86	20.85	21.02	22.00
		50	0	20.76	20.96	20.91	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 herein 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.: SZCR250100020706

Page: 50 of 57

LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	24.04	24.01	23.91	25.00
		1	13	23.94	24.01	24.04	25.00
		1	24	24.10	24.04	24.14	25.00
		12	0	23.01	23.07	23.10	24.00
		12	6	22.96	23.04	23.14	24.00
		12	13	23.04	23.07	23.07	24.00
		25	0	23.07	22.99	23.08	24.00
	16QAM	1	0	23.14	23.14	23.28	24.00
		1	13	23.19	23.13	23.16	24.00
		1	24	23.34	23.30	23.26	24.00
		12	0	22.01	22.01	22.01	23.00
		12	6	21.98	22.13	22.05	23.00
		12	13	22.03	21.91	21.97	23.00
		25	0	22.09	22.13	22.14	23.00
	64QAM	1	0	22.27	22.35	22.30	23.00
		1	13	22.00	21.86	21.87	23.00
		1	24	21.49	21.55	21.48	23.00
		12	0	21.34	21.35	21.41	22.00
		12	6	21.46	21.30	21.40	22.00
		12	13	21.35	21.42	21.28	22.00
		25	0	21.73	21.74	21.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.97	/	25.00
		1	25	/	24	/	25.00
		1	49	/	24.07	/	25.00
		25	0	/	23.08	/	24.00
		25	13	/	23.04	/	24.00
		25	25	/	23.07	/	24.00
		50	0	/	23.03	/	24.00
	16QAM	1	0	/	23.18	/	24.00
		1	25	/	23.13	/	24.00
		1	49	/	23.25	/	24.00
		25	0	/	22.06	/	23.00
		25	13	/	22.06	/	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 herein 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.: SZCR250100020706

Page: 51 of 57

		25	25	/	22.01	/	23.00
		50	0	/	22.12	/	23.00
	64QAM	1	0	/	22.25	/	23.00
		1	25	/	21.95	/	23.00
		1	49	/	21.52	/	23.00
		25	0	/	21.43	/	22.00
		25	13	/	21.39	/	22.00
		25	25	/	21.38	/	22.00
		50	0	/	21.80	/	22.00

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.47	23.70	23.67	25.00
		1	13	23.57	23.60	24.03	25.00
		1	24	23.74	23.82	23.88	25.00
		12	0	22.71	22.93	22.55	24.00
		12	6	22.70	22.90	22.54	24.00
		12	13	22.84	22.95	22.57	24.00
		25	0	22.66	22.91	22.65	24.00
	16QAM	1	0	23.36	23.24	22.54	24.00
		1	13	23.15	23.00	22.35	24.00
		1	24	22.97	23.24	22.75	24.00
		12	0	21.72	21.95	21.92	23.00
		12	6	21.92	21.95	22.06	23.00
		12	13	22.19	21.96	22.03	23.00
		25	0	21.77	21.92	21.83	23.00
	64QAM	1	0	22.03	21.74	21.87	23.00
		1	13	21.91	22.36	21.69	23.00
		1	24	22.76	22.20	22.31	23.00
		12	0	20.69	20.89	20.88	22.00
		12	6	20.72	20.83	20.78	22.00
		12	13	21.23	21.17	21.19	22.00
		25	0	20.76	21.00	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.50	23.73	23.68	25.00
		1	25	23.62	23.65	24.04	25.00



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.: SZCR250100020706

Page: 52 of 57

		1	49	23.76	23.87	23.93	25.00
		25	0	22.76	22.96	22.57	24.00
		25	13	22.77	22.94	22.56	24.00
		25	25	22.90	22.95	22.57	24.00
		50	0	22.68	22.98	22.66	24.00
	16QAM	1	0	23.38	23.28	22.61	24.00
		1	25	23.15	23.01	22.42	24.00
		1	49	23.02	23.29	22.76	24.00
		25	0	21.73	21.98	21.96	23.00
		25	13	21.94	22.01	22.07	23.00
		25	25	22.25	21.98	22.04	23.00
		50	0	21.80	21.93	21.88	23.00
	64QAM	1	0	22.05	21.77	21.88	23.00
		1	25	21.97	22.37	21.73	23.00
		1	49	22.76	22.23	22.32	23.00
		25	0	20.71	20.96	20.89	22.00
		25	13	20.74	20.87	20.84	22.00
		25	25	21.28	21.22	21.26	22.00
		50	0	20.81	21.02	20.94	22.00

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	24.06	24.10	23.97	25.00
		1	2	24.13	24.29	23.86	25.00
		1	5	24.00	24.18	24.01	25.00
		3	0	24.03	24.08	23.69	25.00
		3	2	23.93	23.96	23.64	25.00
		3	3	23.89	23.92	23.68	25.00
		6	0	22.74	22.92	22.79	24.00
	16QAM	1	0	23.02	22.72	23.04	24.00
		1	2	23.24	23.14	22.45	24.00
		1	5	22.98	23.37	22.93	24.00
		3	0	23.24	23.44	23.37	24.00
		3	2	23.60	23.18	23.30	24.00
		3	3	23.19	23.23	23.05	24.00
		6	0	21.82	21.89	21.67	23.00
	64QAM	1	0	22.55	22.39	22.08	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 herein 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.: SZCR250100020706

Page: 53 of 57

		1	2	22.47	22.46	22.49	23.00
		1	5	22.37	21.63	22.20	23.00
		3	0	21.93	22.00	21.58	23.00
		3	2	21.93	22.02	21.92	23.00
		3	3	21.99	21.98	22.11	23.00
		6	0	21.07	21.06	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.88	24.09	24.16	25.00
		1	7	24.14	24.25	24.14	25.00
		1	14	23.96	24.04	24.21	25.00
		8	0	22.89	23.11	22.85	24.00
		8	4	22.85	22.80	22.92	24.00
		8	7	23.13	22.78	22.72	24.00
		15	0	22.92	23.00	22.97	24.00
		15	0	22.92	23.00	22.97	24.00
	16QAM	1	0	22.80	22.58	23.22	24.00
		1	7	22.79	23.37	23.11	24.00
		1	14	23.18	23.59	22.82	24.00
		8	0	22.20	22.33	22.18	23.00
		8	4	22.28	21.97	21.91	23.00
		8	7	22.17	22.01	22.09	23.00
		15	0	22.07	22.18	21.96	23.00
		15	0	22.07	22.18	21.96	23.00
	64QAM	1	0	22.19	22.03	22.55	23.00
		1	7	22.60	22.07	22.53	23.00
		1	14	22.65	22.38	21.72	23.00
		8	0	21.12	21.30	21.41	22.00
		8	4	20.97	20.92	20.93	22.00
		8	7	21.04	21.01	21.31	22.00
		15	0	20.99	21.07	21.00	22.00
		15	0	20.99	21.07	21.00	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.85	24.07	24.13	25.00
		1	13	23.98	24.12	24.18	25.00
		1	24	23.88	24.03	24.14	25.00
		12	0	22.85	23.16	22.81	24.00
		12	6	22.97	22.79	22.94	24.00
		12	13	23.13	22.81	22.77	24.00
		25	0	23.06	22.92	22.98	24.00
	16QAM	1	0	22.72	22.58	23.29	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.: SZCR250100020706

Page: 54 of 57

		1	13	22.78	23.27	23.08	24.00
		1	24	23.20	23.47	22.85	24.00
		12	0	22.14	22.28	22.06	23.00
		12	6	22.17	21.96	21.91	23.00
		12	13	22.23	22.01	22.07	23.00
		25	0	22.16	22.05	21.91	23.00
	64QAM	1	0	22.24	21.99	22.54	23.00
		1	13	22.55	22.09	22.62	23.00
		1	24	22.57	22.42	21.58	23.00
		12	0	21.14	21.25	21.34	22.00
		12	6	20.94	21.01	21.06	22.00
		12	13	21.03	20.98	21.37	22.00
		25	0	20.99	21.10	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.85	24.03	24.10	25.00
		1	25	23.98	24.18	24.11	25.00
		1	49	23.94	24.12	24.11	25.00
		25	0	22.94	23.14	22.69	24.00
		25	13	22.84	22.77	22.95	24.00
		25	25	23.05	22.91	22.83	24.00
		50	0	23.00	23.01	22.87	24.00
	16QAM	1	0	22.83	22.47	23.36	24.00
		1	25	22.67	23.30	22.95	24.00
		1	49	23.21	23.42	22.92	24.00
		25	0	22.25	22.37	22.18	23.00
		25	13	22.29	22.11	21.99	23.00
		25	25	22.24	22.12	22.16	23.00
		50	0	22.04	22.15	21.94	23.00
	64QAM	1	0	22.30	22.08	22.56	23.00
		1	25	22.42	21.95	22.58	23.00
		1	49	22.50	22.38	21.72	23.00
		25	0	21.20	21.34	21.34	22.00
		25	13	21.05	21.05	21.00	22.00
		25	25	20.95	20.95	21.36	22.00
		50	0	21.03	21.08	21.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.86	23.99	24.16	25.00



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.: SZCR250100020706

Page: 55 of 57

		1	38	24.05	24.16	24.10	25.00
		1	74	23.90	24.05	24.11	25.00
		36	0	22.93	23.10	22.76	24.00
		36	18	22.90	22.83	22.96	24.00
		36	39	23.04	22.86	22.74	24.00
		75	0	22.96	22.98	22.91	24.00
	16QAM	1	0	22.77	22.50	23.28	24.00
		1	38	22.72	23.30	23.02	24.00
		1	74	23.18	23.49	22.85	24.00
		36	0	22.19	22.28	22.12	23.00
		36	18	22.19	22.03	21.99	23.00
		36	39	22.16	22.06	22.08	23.00
		75	0	22.11	22.11	21.94	23.00
	64QAM	1	0	22.27	21.98	22.60	23.00
		1	38	22.50	22.01	22.56	23.00
		1	74	22.58	22.42	21.64	23.00
		36	0	21.13	21.30	21.34	22.00
		36	18	20.95	21.00	21.00	22.00
		36	39	21.00	20.93	21.29	22.00
		75	0	21.07	21.08	21.00	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 herein 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

3 Conducted Power of WIFI and Bluetooth

3.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.19	17.50
	6	2437		16.67	17.50
	11	2462		16.09	17.50
802.11g	1	2412	6	14.28	15.50
	6	2437		15.09	15.50
	11	2462		14.81	15.50
802.11n HT20	1	2412	6.5	14.13	15.50
	6	2437		14.59	15.50
	11	2462		14.49	15.50



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

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

3.2 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	6.47	6.23	6.30	7.00
	$\pi/4$ DQPSK	5.24	5.09	5.50	7.00
	8DPSK	5.30	5.08	5.49	7.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	-2.17	-2.40	-2.60	-1.00

- End of the Appendix -