

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

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

Report No.: SZCR250400159710

Page: 41 of 349

	Subtest 4	22.11	22.12	22.14	23.00
HSUPA	Subtest 1	22.56	22.63	22.61	23.00
	Subtest 2	20.59	20.63	20.64	22.00
	Subtest 3	21.55	21.63	21.61	22.00
	Subtest 4	20.60	20.63	20.61	22.00
	Subtest 5	22.55	22.63	22.65	23.00
HSPA+	16QAM	20.76	20.80	20.79	22.00

WCDMA Band IV DSI4/5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.04	19.06	18.96	19.50
	12.2kbps AMR	19.01	19.02	18.94	19.50
HSDPA	Subtest 1	18.09	18.09	17.99	19.00
	Subtest 2	18.07	18.06	18.01	19.00
	Subtest 3	17.56	17.54	17.52	18.00
	Subtest 4	17.57	17.55	17.54	18.00
HSUPA	Subtest 1	16.08	16.06	16.04	18.00
	Subtest 2	17.05	17.05	17.00	18.00
	Subtest 3	16.10	16.07	16.04	17.00
	Subtest 4	18.09	18.09	18.05	19.00
	Subtest 5	18.07	18.03	18.01	19.00
HSPA+	16QAM	15.75	15.71	15.71	17.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Inspection 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.: SZCR250400159710

Page: 42 of 349

2.3 Conducted Power of LTE

LTE Band 2 DSI1/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.11	23.07	23.15	25.00
		1	2	23.25	23.18	23.25	25.00
		1	5	23.06	23.13	23.44	25.00
		3	0	23.22	23.15	23.25	25.00
		3	2	23.33	23.31	23.26	25.00
		3	3	23.37	23.19	23.37	25.00
		6	0	22.29	22.29	22.35	24.00
	16QAM	1	0	22.18	22.10	22.09	24.00
		1	2	22.57	22.01	22.09	24.00
		1	5	22.32	22.18	22.37	24.00
		3	0	22.16	22.38	22.40	24.00
		3	2	22.42	22.36	22.46	24.00
		3	3	22.47	22.42	22.38	24.00
		6	0	21.21	21.33	21.41	23.00
	64QAM	1	0	21.21	21.19	21.40	23.00
		1	2	21.01	21.28	21.00	23.00
		1	5	21.25	21.19	21.47	23.00
		3	0	21.18	21.12	21.22	23.00
		3	2	21.36	21.40	21.22	23.00
		3	3	21.40	21.27	21.38	23.00
		6	0	20.37	20.19	20.35	22.00
	256QAM	1	0	18.22	18.11	18.42	20.00
		1	2	18.42	18.29	18.18	20.00
		1	5	18.36	18.40	18.35	20.00
		3	0	18.14	18.11	18.23	20.00
		3	2	18.30	18.29	18.19	20.00
		3	3	18.22	18.27	18.33	20.00
		6	0	18.26	18.27	18.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.12	23.07	23.17	25.00
		1	7	23.21	23.10	23.23	25.00
		1	14	23.10	23.27	23.45	25.00
		8	0	22.21	22.24	22.24	24.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration 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.: SZCR250400159710

Page: 43 of 349

		8	4	22.40	22.20	22.25	24.00
		8	7	22.42	22.22	22.42	24.00
		15	0	22.32	22.22	22.32	24.00
	16QAM	1	0	22.17	22.00	22.05	24.00
		1	7	22.63	22.02	22.04	24.00
		1	14	22.21	22.00	22.17	24.00
		8	0	21.29	21.24	21.27	23.00
		8	4	21.31	21.19	21.27	23.00
		8	7	21.44	21.35	21.26	23.00
		15	0	21.24	21.23	21.45	23.00
		1	0	21.22	21.04	21.42	23.00
	64QAM	1	7	21.01	21.14	21.06	23.00
		1	14	21.36	21.30	21.41	23.00
		8	0	20.16	20.23	20.34	22.00
		8	4	20.31	20.23	20.34	22.00
		8	7	20.28	20.18	20.30	22.00
		15	0	20.28	20.27	20.22	22.00
		1	0	18.14	18.09	18.40	20.00
		1	7	18.38	18.19	18.30	20.00
	256QAM	1	14	18.26	18.52	18.45	20.00
		8	0	18.20	18.22	18.18	20.00
		8	4	18.28	18.23	18.11	20.00
		8	7	18.34	18.16	18.36	20.00
		15	0	18.29	18.30	18.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.11	23.02	23.04	25.00
		1	13	23.20	23.10	23.37	25.00
		1	24	23.17	23.29	23.59	25.00
		12	0	22.09	22.15	22.20	24.00
		12	6	22.25	22.28	22.24	24.00
		12	13	22.33	22.26	22.43	24.00
		25	0	22.35	22.25	22.41	24.00
	16QAM	1	0	22.01	22.00	22.05	24.00
		1	13	22.75	22.05	22.10	24.00
		1	24	22.15	22.19	22.30	24.00
		12	0	21.24	21.20	21.26	23.00
		12	6	21.35	21.32	21.23	23.00
		12	13	21.45	21.23	21.31	23.00
		25	0	21.28	21.34	21.46	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.: SZCR250400159710

Page: 44 of 349

	64QAM	1	0	21.25	21.02	21.32	23.00
		1	13	21.10	21.00	21.05	23.00
		1	24	21.23	21.21	21.37	23.00
		12	0	20.17	20.10	20.29	22.00
		12	6	20.37	20.24	20.15	22.00
		12	13	20.26	20.34	20.29	22.00
		25	0	20.41	20.16	20.35	22.00
	256QAM	1	0	18.28	18.14	18.41	20.00
		1	13	18.44	18.32	18.35	20.00
		1	24	18.29	18.45	18.34	20.00
		12	0	18.23	18.29	18.16	20.00
		12	6	18.40	18.10	18.20	20.00
		12	13	18.39	18.16	18.36	20.00
		25	0	18.33	18.42	18.29	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.07	23.03	23.15	25.00
		1	25	23.10	23.09	23.30	25.00
		1	49	23.03	23.29	23.48	25.00
		25	0	22.16	22.11	22.35	24.00
		25	13	22.33	22.21	22.30	24.00
		25	25	22.36	22.32	22.32	24.00
		50	0	22.25	22.23	22.44	24.00
	16QAM	1	0	22.16	22.04	22.07	24.00
		1	25	22.66	22.08	22.02	24.00
		1	49	22.22	22.04	22.23	24.00
		25	0	21.20	21.30	21.25	23.00
		25	13	21.25	21.26	21.22	23.00
		25	25	21.28	21.27	21.31	23.00
		50	0	21.21	21.23	21.37	23.00
	64QAM	1	0	21.17	21.06	21.36	23.00
		1	25	21.09	21.14	21.06	23.00
		1	49	21.34	21.19	21.49	23.00
		25	0	20.27	20.17	20.30	22.00
		25	13	20.27	20.28	20.16	22.00
		25	25	20.41	20.18	20.42	22.00
		50	0	20.35	20.36	20.40	22.00
	256QAM	1	0	18.19	18.08	18.39	20.00
		1	25	18.31	18.17	18.18	20.00
		1	49	18.40	18.51	18.28	20.00



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

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.: SZCR250400159710

Page: 45 of 349

		25	0	18.27	18.22	18.33	20.00
		25	13	18.27	18.15	18.28	20.00
		25	25	18.33	18.30	18.23	20.00
		50	0	18.22	18.33	18.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.12	23.06	23.24	25.00
		1	38	23.20	23.19	23.26	25.00
		1	74	23.08	23.25	23.39	25.00
		36	0	22.22	22.22	22.28	24.00
		36	18	22.32	22.27	22.15	24.00
		36	39	22.33	22.28	22.44	24.00
		75	0	22.38	22.12	22.38	24.00
	16QAM	1	0	22.10	22.08	22.12	24.00
		1	38	22.65	22.09	22.07	24.00
		1	74	22.18	22.11	22.37	24.00
		36	0	21.23	21.17	21.16	23.00
		36	18	21.24	21.36	21.22	23.00
		36	39	21.39	21.24	21.19	23.00
		75	0	21.33	21.34	21.28	23.00
	64QAM	1	0	21.19	21.17	21.38	23.00
		1	38	21.00	21.07	21.01	23.00
		1	74	21.26	21.25	21.49	23.00
		36	0	20.23	20.26	20.18	22.00
		36	18	20.42	20.25	20.15	22.00
		36	39	20.43	20.17	20.37	22.00
		75	0	20.33	20.23	20.23	22.00
	256QAM	1	0	18.32	18.02	18.48	20.00
		1	38	18.43	18.28	18.22	20.00
		1	74	18.35	18.45	18.31	20.00
		36	0	18.12	18.10	18.27	20.00
		36	18	18.42	18.26	18.25	20.00
		36	39	18.37	18.34	18.23	20.00
		75	0	18.26	18.29	18.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.06	23.01	23.14	25.00
		1	50	23.16	23.10	23.33	25.00
		1	99	23.12	23.22	23.49	25.00
		50	0	22.17	22.21	22.26	24.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing 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.: SZCR250400159710

Page: 46 of 349

		50	25	22.32	22.29	22.21	24.00
		50	50	22.35	22.27	22.36	24.00
		100	0	22.33	22.20	22.34	24.00
	16QAM	1	0	22.08	22.06	22.04	24.00
		1	50	22.67	22.08	22.09	24.00
		1	99	22.25	22.10	22.27	24.00
		50	0	21.26	21.26	21.21	23.00
		50	25	21.33	21.26	21.30	23.00
		50	50	21.37	21.29	21.26	23.00
		100	0	21.31	21.28	21.36	23.00
	64QAM	1	0	21.20	21.08	21.36	23.00
		1	50	21.05	21.08	21.16	23.00
		1	99	21.31	21.24	21.40	23.00
		50	0	20.20	20.20	20.28	22.00
		50	25	20.33	20.33	20.25	22.00
		50	50	20.36	20.27	20.38	22.00
		100	0	20.35	20.26	20.30	22.00
	256QAM	1	0	18.22	18.04	18.40	20.00
		1	50	18.37	18.25	18.26	20.00
		1	99	18.32	18.42	18.35	20.00
		50	0	18.19	18.19	18.23	20.00
		50	25	18.33	18.19	18.18	20.00
		50	50	18.31	18.25	18.29	20.00
		100	0	18.32	18.36	18.23	20.00

LTE Band 2 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.18	18.22	18.36	19.00
		1	2	18.34	18.37	18.35	19.00
		1	5	18.19	18.38	18.43	19.00
		3	0	18.32	18.38	18.44	19.00
		3	2	18.33	18.29	18.33	19.00
		3	3	18.31	18.30	18.34	19.00
		6	0	18.29	18.32	18.33	19.00
	16QAM	1	0	18.34	18.23	18.30	19.00
		1	2	18.66	18.47	18.37	19.00
		1	5	18.42	18.19	18.29	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

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

Member of the SGS Group (SGS SA)

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

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

Report No.: SZCR250400159710

Page: 47 of 349

		3	0	18.24	18.35	18.39	19.00
		3	2	18.38	18.35	18.36	19.00
		3	3	18.32	18.30	18.47	19.00
		6	0	18.21	18.23	18.29	19.00
	64QAM	1	0	18.21	18.29	18.34	19.00
		1	2	18.47	18.39	18.50	19.00
		1	5	18.44	18.30	18.59	19.00
		3	0	18.29	18.25	18.29	19.00
		3	2	18.32	18.37	18.26	19.00
		3	3	18.37	18.27	18.28	19.00
		6	0	18.28	18.27	18.32	19.00
		6	0	18.28	18.27	18.32	19.00
	256QAM	1	0	18.31	18.31	18.25	19.00
		1	2	18.07	18.24	18.18	19.00
		1	5	18.35	18.31	18.53	19.00
		3	0	18.30	18.30	18.42	19.00
		3	2	18.30	18.34	18.40	19.00
		3	3	18.26	18.32	18.34	19.00
		6	0	18.36	18.33	18.28	19.00
		6	0	18.36	18.33	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.04	18.06	18.16	19.00
		1	7	18.28	18.31	18.20	19.00
		1	14	17.98	17.94	18.13	19.00
		8	0	18.17	18.18	18.34	19.00
		8	4	18.28	18.25	18.37	19.00
		8	7	18.32	18.25	18.33	19.00
		15	0	18.26	18.25	18.22	19.00
	16QAM	1	0	18.12	18.06	18.35	19.00
		1	7	18.58	18.15	18.40	19.00
		1	14	18.15	18.32	17.99	19.00
		8	0	18.19	18.14	18.16	19.00
		8	4	18.19	18.21	18.28	19.00
		8	7	18.22	18.15	18.32	19.00
		15	0	18.25	18.17	18.23	19.00
	64QAM	1	0	17.85	18.18	18.26	19.00
		1	7	18.13	18.18	18.12	19.00
		1	14	18.35	18.31	18.30	19.00
		8	0	18.06	18.20	18.09	19.00
		8	4	18.31	18.09	18.28	19.00
		8	7	18.23	18.21	18.18	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Inspection 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.: SZCR250400159710

Page: 48 of 349

		15	0	18.20	18.24	18.40	19.00
	256QAM	1	0	18.09	17.88	18.19	19.00
		1	7	18.08	18.29	18.21	19.00
		1	14	18.35	18.42	18.19	19.00
		8	0	18.10	18.18	18.15	19.00
		8	4	18.19	18.10	18.36	19.00
		8	7	18.23	18.23	18.16	19.00
		15	0	18.13	18.13	18.44	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.95	18.16	18.13	19.00
		1	13	18.11	18.13	18.20	19.00
		1	24	17.99	18.05	18.23	19.00
		12	0	18.14	18.05	18.34	19.00
		12	6	18.21	18.07	18.29	19.00
		12	13	18.15	18.15	18.25	19.00
		25	0	18.30	18.21	18.35	19.00
		25	0	18.30	18.21	18.35	19.00
	16QAM	1	0	18.06	18.07	18.40	19.00
		1	13	18.51	18.16	18.40	19.00
		1	24	18.05	18.20	17.86	19.00
		12	0	18.10	18.18	18.09	19.00
		12	6	18.15	18.26	18.39	19.00
		12	13	18.28	18.30	18.29	19.00
		25	0	18.19	18.11	18.31	19.00
		25	0	18.19	18.11	18.31	19.00
	64QAM	1	0	17.97	18.34	18.23	19.00
		1	13	18.25	18.19	18.13	19.00
		1	24	18.43	18.34	18.28	19.00
		12	0	18.25	18.16	18.25	19.00
		12	6	18.31	18.17	18.38	19.00
		12	13	18.23	18.34	18.30	19.00
		25	0	18.11	18.14	18.26	19.00
		25	0	18.11	18.14	18.26	19.00
	256QAM	1	0	18.05	18.00	18.22	19.00
		1	13	17.98	18.34	18.31	19.00
		1	24	18.20	18.35	18.18	19.00
		12	0	18.06	18.06	18.07	19.00
		12	6	18.16	18.22	18.22	19.00
		12	13	18.19	18.10	18.26	19.00
		25	0	18.19	18.18	18.36	19.00
		25	0	18.19	18.18	18.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	



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

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.: SZCR250400159710

Page: 49 of 349

10MHz	QPSK	1	0	17.94	18.20	18.27	19.00
		1	25	18.15	18.26	18.22	19.00
		1	49	18.15	18.01	18.18	19.00
		25	0	18.08	18.18	18.23	19.00
		25	13	18.27	18.24	18.26	19.00
		25	25	18.31	18.17	18.24	19.00
		50	0	18.26	18.20	18.22	19.00
	16QAM	1	0	18.09	17.95	18.28	19.00
		1	25	18.44	18.27	18.45	19.00
		1	49	18.03	18.17	17.93	19.00
		25	0	18.05	18.09	18.11	19.00
		25	13	18.23	18.17	18.35	19.00
		25	25	18.15	18.18	18.27	19.00
		50	0	18.11	18.10	18.27	19.00
	64QAM	1	0	17.82	18.28	18.32	19.00
		1	25	18.29	18.29	18.23	19.00
		1	49	18.29	18.32	18.37	19.00
		25	0	18.14	18.20	18.21	19.00
		25	13	18.33	18.05	18.30	19.00
		25	25	18.17	18.18	18.36	19.00
		50	0	18.06	18.23	18.27	19.00
	256QAM	1	0	18.02	17.95	18.12	19.00
		1	25	17.95	18.35	18.24	19.00
		1	49	18.23	18.26	18.14	19.00
		25	0	18.18	18.04	18.09	19.00
		25	13	18.35	18.03	18.25	19.00
		25	25	18.24	18.14	18.19	19.00
		50	0	18.30	18.11	18.33	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.92	18.06	18.13	19.00
		1	38	18.23	18.14	18.24	19.00
		1	74	18.13	18.07	18.09	19.00
		36	0	18.19	18.20	18.32	19.00
		36	18	18.20	18.20	18.35	19.00
		36	39	18.28	18.13	18.19	19.00
		75	0	18.16	18.13	18.37	19.00
	16QAM	1	0	18.06	18.01	18.35	19.00
		1	38	18.51	18.24	18.36	19.00
		1	74	18.21	18.32	17.80	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

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

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.: SZCR250400159710

Page: 50 of 349

		36	0	18.09	18.13	18.19	19.00
		36	18	18.21	18.19	18.23	19.00
		36	39	18.27	18.25	18.29	19.00
		75	0	18.18	18.26	18.42	19.00
	64QAM	1	0	17.96	18.23	18.24	19.00
		1	38	18.25	18.30	18.20	19.00
		1	74	18.29	18.16	18.29	19.00
		36	0	18.10	18.19	18.24	19.00
		36	18	18.29	18.03	18.35	19.00
		36	39	18.17	18.17	18.28	19.00
		75	0	18.08	18.16	18.31	19.00
		75	0	18.08	18.16	18.31	19.00
	256QAM	1	0	17.89	17.82	18.28	19.00
		1	38	18.15	18.25	18.31	19.00
		1	74	18.16	18.30	18.19	19.00
		36	0	18.09	18.19	18.04	19.00
		36	18	18.25	18.16	18.39	19.00
		36	39	18.27	18.10	18.36	19.00
		75	0	18.25	18.06	18.26	19.00
		75	0	18.25	18.06	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.01	18.12	18.18	19.00
		1	50	18.18	18.21	18.27	19.00
		1	99	18.08	17.98	18.19	19.00
		50	0	18.17	18.13	18.27	19.00
		50	25	18.28	18.16	18.28	19.00
		50	50	18.24	18.18	18.26	19.00
		100	0	18.23	18.18	18.31	19.00
		100	0	18.23	18.18	18.31	19.00
	16QAM	1	0	18.10	18.00	18.31	19.00
		1	50	18.48	18.19	18.37	19.00
		1	99	18.11	18.24	17.90	19.00
		50	0	18.12	18.09	18.16	19.00
		50	25	18.23	18.17	18.32	19.00
		50	50	18.20	18.25	18.24	19.00
		100	0	18.19	18.18	18.33	19.00
		100	0	18.19	18.18	18.33	19.00
	64QAM	1	0	17.91	18.28	18.30	19.00
		1	50	18.21	18.24	18.17	19.00
		1	99	18.38	18.24	18.37	19.00
		50	0	18.15	18.10	18.18	19.00
		50	25	18.27	18.08	18.29	19.00
		50	50	18.24	18.24	18.26	19.00
		50	50	18.24	18.24	18.26	19.00
		50	50	18.24	18.24	18.26	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.: SZCR250400159710

Page: 51 of 349

		100	0	18.12	18.18	18.34	19.00
	256QAM	1	0	17.99	17.91	18.18	19.00
		1	50	18.05	18.29	18.28	19.00
		1	99	18.26	18.35	18.19	19.00
		50	0	18.16	18.12	18.13	19.00
		50	25	18.26	18.12	18.31	19.00
		50	50	18.24	18.19	18.26	19.00
		100	0	18.22	18.15	18.35	19.00

LTE Band 4 DSI1/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.11	23.21	23.68	24.50
		1	2	23.27	23.63	23.27	24.50
		1	5	23.80	23.76	23.36	24.50
		3	0	23.13	23.36	23.23	24.50
		3	2	23.25	23.26	23.26	24.50
		3	3	23.33	23.43	23.27	24.50
		6	0	22.42	22.27	22.05	23.50
	16QAM	1	0	22.41	22.34	22.24	23.50
		1	2	22.11	21.62	22.08	23.50
		1	5	22.49	22.55	22.43	23.50
		3	0	22.20	22.24	22.25	23.50
		3	2	22.16	22.39	22.19	23.50
		3	3	22.30	22.40	22.41	23.50
		6	0	21.35	21.35	21.16	22.50
	64QAM	1	0	21.06	21.25	20.92	22.50
		1	2	21.24	20.81	21.13	22.50
		1	5	21.16	21.35	21.43	22.50
		3	0	21.24	21.24	21.25	22.50
		3	2	21.19	21.23	21.22	22.50
		3	3	21.42	21.49	21.26	22.50
		6	0	20.34	20.20	20.26	21.50
	256QAM	1	0	17.93	18.02	18.24	19.50
		1	2	18.14	18.27	18.30	19.50
		1	5	18.20	18.25	18.48	19.50
		3	0	18.12	18.31	18.17	19.50
		3	2	18.26	18.43	18.26	19.50



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

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

Member of the SGS Group (SGS SA)

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

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

Report No.: SZCR250400159710

Page: 52 of 349

		3	3	18.31	18.37	18.18	19.50
		6	0	18.38	18.25	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.16	23.23	23.74	24.50
		1	7	23.30	23.69	23.18	24.50
		1	14	23.68	23.78	23.31	24.50
		8	0	22.26	22.31	22.29	23.50
		8	4	22.29	22.28	22.32	23.50
		8	7	22.29	22.34	22.36	23.50
		15	0	22.38	22.38	22.21	23.50
	16QAM	1	0	22.28	22.26	22.16	23.50
		1	7	22.01	21.68	22.15	23.50
		1	14	22.45	22.60	22.46	23.50
		8	0	21.19	21.22	21.32	22.50
		8	4	21.18	21.36	21.26	22.50
		8	7	21.24	21.32	21.23	22.50
		15	0	21.30	21.22	21.11	22.50
	64QAM	1	0	21.08	21.13	20.85	22.50
		1	7	21.24	20.84	21.16	22.50
		1	14	21.15	21.26	21.43	22.50
		8	0	20.14	20.26	20.16	21.50
		8	4	20.27	20.28	20.24	21.50
		8	7	20.33	20.35	20.40	21.50
		15	0	20.40	20.31	20.33	21.50
	256QAM	1	0	17.99	18.12	18.21	19.50
		1	7	18.19	18.30	18.33	19.50
		1	14	18.17	18.33	18.32	19.50
		8	0	18.16	18.16	18.34	19.50
		8	4	18.25	18.34	18.27	19.50
		8	7	18.23	18.31	18.34	19.50
		15	0	18.34	18.14	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.16	23.15	23.71	24.50
		1	13	23.34	23.72	23.18	24.50
		1	24	23.78	23.83	23.34	24.50
		12	0	22.14	22.27	22.24	23.50
		12	6	22.33	22.28	22.23	23.50
		12	13	22.28	22.29	22.36	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 hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing 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.: SZCR250400159710

Page: 53 of 349

		25	0	22.27	22.21	22.14	23.50
	16QAM	1	0	22.42	22.35	22.21	23.50
		1	13	22.10	21.67	22.22	23.50
		1	24	22.45	22.52	22.50	23.50
		12	0	21.21	21.19	21.16	22.50
		12	6	21.19	21.28	21.25	22.50
		12	13	21.34	21.49	21.33	22.50
		25	0	21.25	21.23	21.19	22.50
	64QAM	1	0	21.18	21.13	20.96	22.50
		1	13	21.26	20.73	21.22	22.50
		1	24	21.18	21.45	21.55	22.50
		12	0	20.25	20.30	20.23	21.50
		12	6	20.28	20.30	20.19	21.50
		12	13	20.37	20.33	20.39	21.50
		25	0	20.40	20.16	20.27	21.50
	256QAM	1	0	17.91	17.97	18.16	19.50
		1	13	18.13	18.35	18.33	19.50
		1	24	18.23	18.16	18.39	19.50
		12	0	18.11	18.25	18.15	19.50
		12	6	18.35	18.34	18.26	19.50
		12	13	18.25	18.43	18.29	19.50
		25	0	18.35	18.10	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.09	23.13	23.78	24.50
		1	25	23.32	23.59	23.25	24.50
		1	49	23.70	23.73	23.23	24.50
		25	0	22.22	22.30	22.34	23.50
		25	13	22.37	22.27	22.17	23.50
		25	25	22.45	22.25	22.30	23.50
		50	0	22.40	22.24	22.18	23.50
	16QAM	1	0	22.37	22.44	22.24	23.50
		1	25	22.02	21.73	22.15	23.50
		1	49	22.46	22.59	22.39	23.50
		25	0	21.20	21.30	21.22	22.50
		25	13	21.12	21.41	21.33	22.50
		25	25	21.37	21.44	21.26	22.50
		50	0	21.26	21.36	21.09	22.50
	64QAM	1	0	21.09	21.12	20.83	22.50
		1	25	21.38	20.72	21.20	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Not a Public 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.: SZCR250400159710

Page: 54 of 349

		1	49	21.25	21.33	21.59	22.50
		25	0	20.14	20.30	20.16	21.50
		25	13	20.23	20.25	20.27	21.50
		25	25	20.32	20.47	20.27	21.50
		50	0	20.31	20.27	20.16	21.50
		1	0	18.10	18.09	18.11	19.50
		1	25	18.14	18.39	18.38	19.50
		1	49	18.31	18.31	18.36	19.50
		25	0	18.22	18.13	18.28	19.50
		25	13	18.26	18.36	18.35	19.50
	256QAM	25	25	18.39	18.33	18.24	19.50
		50	0	18.44	18.18	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.16	23.12	23.61	24.50
		1	38	23.39	23.66	23.21	24.50
		1	74	23.66	23.85	23.41	24.50
		36	0	22.19	22.38	22.34	23.50
		36	18	22.31	22.31	22.25	23.50
		36	39	22.32	22.40	22.45	23.50
		75	0	22.36	22.23	22.20	23.50
	16QAM	1	0	22.29	22.28	22.24	23.50
		1	38	22.06	21.56	22.07	23.50
		1	74	22.50	22.61	22.40	23.50
		36	0	21.19	21.20	21.14	22.50
		36	18	21.17	21.29	21.20	22.50
		36	39	21.35	21.38	21.33	22.50
		75	0	21.37	21.21	21.21	22.50
	64QAM	1	0	21.25	21.26	20.77	22.50
		1	38	21.26	20.69	21.15	22.50
		1	74	21.22	21.39	21.41	22.50
		36	0	20.22	20.39	20.30	21.50
		36	18	20.16	20.32	20.27	21.50
		36	39	20.37	20.41	20.38	21.50
		75	0	20.41	20.24	20.17	21.50
	256QAM	1	0	17.96	18.15	18.29	19.50
		1	38	18.28	18.32	18.37	19.50
		1	74	18.32	18.29	18.33	19.50
		36	0	18.12	18.14	18.19	19.50
		36	18	18.43	18.36	18.23	19.50



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 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.: SZCR250400159710

Page: 55 of 349

		36	39	18.35	18.27	18.26	19.50
		75	0	18.42	18.18	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.12	23.18	23.69	24.50
		1	50	23.29	23.63	23.18	24.50
		1	99	23.73	23.75	23.32	24.50
		50	0	22.23	22.33	22.29	23.50
		50	25	22.34	22.27	22.23	23.50
		50	50	22.37	22.35	22.35	23.50
		100	0	22.36	22.30	22.15	23.50
	16QAM	1	0	22.36	22.35	22.19	23.50
		1	50	22.09	21.75	22.15	23.50
		1	99	22.44	22.51	22.43	23.50
		50	0	21.18	21.28	21.22	22.50
		50	25	21.21	21.33	21.27	22.50
		50	50	21.31	21.40	21.33	22.50
		100	0	21.35	21.31	21.14	22.50
	64QAM	1	0	21.15	21.19	20.87	22.50
		1	50	21.33	20.79	21.19	22.50
		1	99	21.23	21.36	21.49	22.50
		50	0	20.22	20.31	20.24	21.50
		50	25	20.18	20.24	20.28	21.50
		50	50	20.32	20.39	20.32	21.50
		100	0	20.33	20.21	20.23	21.50
	256QAM	1	0	18.01	18.07	18.19	19.50
		1	50	18.21	18.33	18.33	19.50
		1	99	18.23	18.23	18.38	19.50
		50	0	18.19	18.21	18.25	19.50
		50	25	18.35	18.33	18.30	19.50
		50	50	18.32	18.36	18.28	19.50
		100	0	18.35	18.19	18.34	19.50

LTE Band 4 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.59	18.55	18.69	19.50
		1	2	18.67	18.71	18.78	19.50



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.: SZCR250400159710

Page: 56 of 349

		1	5	18.57	18.55	18.59	19.50
		3	0	18.70	18.52	18.63	19.50
		3	2	18.69	18.68	18.67	19.50
		3	3	18.66	18.63	18.64	19.50
		6	0	18.64	18.62	18.62	19.50
	16QAM	1	0	18.76	18.78	18.79	19.50
		1	2	18.65	18.83	18.70	19.50
		1	5	18.97	18.76	18.44	19.50
		3	0	18.75	18.70	18.70	19.50
		3	2	18.67	18.77	18.67	19.50
		3	3	18.54	18.60	18.72	19.50
		6	0	18.66	18.60	18.54	19.50
	64QAM	1	0	18.26	18.69	18.72	19.50
		1	2	18.78	18.61	18.76	19.50
		1	5	18.65	18.46	18.61	19.50
		3	0	18.66	18.62	18.43	19.50
		3	2	18.60	18.46	18.69	19.50
		3	3	18.60	18.77	18.87	19.50
		6	0	18.66	18.67	18.69	19.50
	256QAM	1	0	18.87	18.52	18.74	19.50
		1	2	18.58	18.72	18.62	19.50
		1	5	18.45	18.72	18.85	19.50
		3	0	18.38	18.61	18.76	19.50
		3	2	18.71	18.71	18.69	19.50
		3	3	18.67	18.54	18.64	19.50
		6	0	18.42	18.62	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.36	18.44	18.44	19.50
		1	7	18.54	18.54	18.67	19.50
		1	14	18.92	18.54	18.60	19.50
		8	0	18.53	18.33	18.48	19.50
		8	4	18.67	18.62	18.53	19.50
		8	7	18.73	18.58	18.49	19.50
		15	0	18.71	18.46	18.54	19.50
	16QAM	1	0	18.78	18.60	18.52	19.50
		1	7	18.85	18.47	18.44	19.50
		1	14	18.74	18.48	18.69	19.50
		8	0	18.54	18.36	18.48	19.50
		8	4	18.67	18.51	18.41	19.50



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

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.: SZCR250400159710

Page: 57 of 349

		8	7	18.50	18.44	18.68	19.50
		15	0	18.57	18.54	18.56	19.50
	64QAM	1	0	18.61	18.38	18.55	19.50
		1	7	17.98	18.22	18.40	19.50
		1	14	18.78	18.41	18.31	19.50
		8	0	18.33	18.46	18.54	19.50
		8	4	18.56	18.59	18.54	19.50
		8	7	18.55	18.56	18.57	19.50
		15	0	18.62	18.41	18.51	19.50
	256QAM	1	0	18.55	18.74	18.56	19.50
		1	7	18.34	18.03	18.43	19.50
		1	14	18.26	18.43	18.21	19.50
		8	0	18.44	18.32	18.36	19.50
		8	4	18.49	18.35	18.49	19.50
		8	7	18.46	18.53	18.62	19.50
		15	0	18.44	18.39	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.32	18.36	18.30	19.50
		1	13	18.55	18.59	18.69	19.50
		1	24	18.94	18.65	18.58	19.50
		12	0	18.40	18.47	18.47	19.50
		12	6	18.63	18.59	18.53	19.50
		12	13	18.59	18.63	18.51	19.50
		25	0	18.66	18.44	18.57	19.50
	16QAM	1	0	18.67	18.42	18.44	19.50
		1	13	18.76	18.56	18.48	19.50
		1	24	18.85	18.62	18.83	19.50
		12	0	18.51	18.47	18.50	19.50
		12	6	18.70	18.54	18.49	19.50
		12	13	18.65	18.62	18.69	19.50
		25	0	18.63	18.53	18.50	19.50
	64QAM	1	0	18.54	18.46	18.69	19.50
		1	13	18.14	18.30	18.43	19.50
		1	24	18.82	18.46	18.47	19.50
		12	0	18.35	18.37	18.46	19.50
		12	6	18.51	18.55	18.46	19.50
		12	13	18.69	18.52	18.42	19.50
		25	0	18.62	18.51	18.46	19.50
	256QAM	1	0	18.59	18.73	18.51	19.50



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 Testing & Inspection 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.: SZCR250400159710

Page: 58 of 349

		1	13	18.32	17.85	18.42	19.50
		1	24	18.39	18.51	18.24	19.50
		12	0	18.41	18.41	18.51	19.50
		12	6	18.60	18.52	18.43	19.50
		12	13	18.52	18.69	18.60	19.50
		25	0	18.58	18.47	18.46	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.47	18.48	18.28	19.50
		1	25	18.50	18.52	18.54	19.50
		1	49	18.98	18.53	18.63	19.50
		25	0	18.47	18.37	18.40	19.50
		25	13	18.66	18.44	18.62	19.50
		25	25	18.63	18.49	18.52	19.50
		50	0	18.56	18.52	18.54	19.50
	16QAM	1	0	18.81	18.57	18.52	19.50
		1	25	18.84	18.55	18.43	19.50
		1	49	18.69	18.56	18.81	19.50
		25	0	18.57	18.39	18.39	19.50
		25	13	18.68	18.54	18.41	19.50
		25	25	18.51	18.54	18.62	19.50
		50	0	18.61	18.44	18.54	19.50
	64QAM	1	0	18.51	18.49	18.62	19.50
		1	25	17.97	18.25	18.25	19.50
		1	49	18.67	18.44	18.27	19.50
		25	0	18.36	18.42	18.50	19.50
		25	13	18.48	18.48	18.58	19.50
		25	25	18.58	18.51	18.55	19.50
		50	0	18.45	18.45	18.56	19.50
	256QAM	1	0	18.60	18.74	18.60	19.50
		1	25	18.42	18.03	18.31	19.50
		1	49	18.35	18.38	18.18	19.50
		25	0	18.38	18.39	18.53	19.50
		25	13	18.59	18.53	18.42	19.50
		25	25	18.57	18.59	18.52	19.50
		50	0	18.57	18.50	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.46	18.52	18.26	19.50
		1	38	18.47	18.54	18.72	19.50



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 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

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

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

Report No.: SZCR250400159710

Page: 59 of 349

		1	74	18.89	18.49	18.62	19.50
		36	0	18.46	18.33	18.49	19.50
		36	18	18.62	18.58	18.54	19.50
		36	39	18.66	18.61	18.57	19.50
		75	0	18.62	18.53	18.51	19.50
	16QAM	1	0	18.80	18.52	18.35	19.50
		1	38	18.73	18.57	18.49	19.50
		1	74	18.71	18.61	18.69	19.50
		36	0	18.50	18.45	18.46	19.50
		36	18	18.69	18.39	18.58	19.50
		36	39	18.62	18.44	18.61	19.50
		75	0	18.62	18.43	18.52	19.50
	64QAM	1	0	18.67	18.58	18.51	19.50
		1	38	18.01	18.18	18.43	19.50
		1	74	18.80	18.46	18.33	19.50
		36	0	18.38	18.34	18.50	19.50
		36	18	18.55	18.56	18.51	19.50
		36	39	18.68	18.58	18.43	19.50
		75	0	18.45	18.50	18.63	19.50
	256QAM	1	0	18.61	18.70	18.58	19.50
		1	38	18.32	17.87	18.33	19.50
		1	74	18.37	18.49	18.25	19.50
		36	0	18.31	18.43	18.41	19.50
		36	18	18.68	18.55	18.46	19.50
		36	39	18.47	18.51	18.62	19.50
		75	0	18.56	18.50	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	18.40	18.43	18.36	19.50
		1	50	18.51	18.57	18.63	19.50
		1	99	18.89	18.57	18.53	19.50
		50	0	18.48	18.43	18.45	19.50
		50	25	18.58	18.52	18.54	19.50
		50	50	18.68	18.58	18.55	19.50
		100	0	18.62	18.50	18.48	19.50
	16QAM	1	0	18.71	18.52	18.42	19.50
		1	50	18.83	18.57	18.46	19.50
		1	99	18.75	18.57	18.79	19.50
		50	0	18.48	18.40	18.45	19.50
		50	25	18.61	18.48	18.50	19.50



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 Testing & Inspection 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.: SZCR250400159710

Page: 60 of 349

		50	50	18.55	18.54	18.65	19.50
		100	0	18.62	18.48	18.48	19.50
	64QAM	1	0	18.57	18.48	18.60	19.50
		1	50	18.05	18.28	18.35	19.50
		1	99	18.74	18.40	18.37	19.50
		50	0	18.38	18.38	18.51	19.50
		50	25	18.52	18.53	18.48	19.50
		50	50	18.59	18.53	18.52	19.50
		100	0	18.53	18.50	18.54	19.50
	256QAM	1	0	18.57	18.65	18.60	19.50
		1	50	18.39	17.95	18.38	19.50
		1	99	18.30	18.42	18.19	19.50
		50	0	18.36	18.40	18.44	19.50
		50	25	18.59	18.45	18.50	19.50
		50	50	18.55	18.59	18.54	19.50
		100	0	18.52	18.49	18.42	19.50

LTE Band 7 DSI6/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.20	23.27	23.10	24.50
		1	13	23.32	23.43	23.40	24.50
		1	24	23.49	23.15	23.33	24.50
		12	0	22.31	22.35	22.47	23.50
		12	6	22.50	22.36	22.45	23.50
		12	13	22.51	22.29	22.39	23.50
		25	0	22.55	22.22	22.29	23.50
	16QAM	1	0	22.35	22.00	22.15	23.50
		1	13	22.35	22.33	22.48	23.50
		1	24	22.52	22.14	22.40	23.50
		12	0	21.23	21.35	21.40	22.50
		12	6	21.27	21.30	21.49	22.50
		12	13	21.37	21.31	21.29	22.50
		25	0	21.51	21.27	21.38	22.50
	64QAM	1	0	20.97	21.07	21.12	22.50
		1	13	20.93	21.30	21.49	22.50
		1	24	21.13	21.24	20.91	22.50
		12	0	21.33	20.26	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Inspection & Testing 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.: SZCR250400159710

Page: 61 of 349

		12	6	21.31	20.35	20.33	21.50
		12	13	21.23	20.32	20.30	21.50
		25	0	21.42	20.21	20.40	21.50
	256QAM	1	0	18.37	18.50	18.75	19.50
		1	13	18.33	18.38	18.23	19.50
		1	24	18.46	18.34	18.20	19.50
		12	0	17.97	18.38	18.40	19.50
		12	6	18.35	18.19	18.36	19.50
		12	13	18.36	18.42	18.43	19.50
		25	0	18.41	18.25	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.10	23.15	23.09	24.50
		1	25	23.39	23.39	23.44	24.50
		1	49	23.50	23.12	23.35	24.50
		25	0	22.38	22.23	22.46	23.50
		25	13	22.45	22.27	22.48	23.50
		25	25	22.49	22.25	22.44	23.50
		50	0	22.43	22.23	22.43	23.50
	16QAM	1	0	22.43	21.83	22.08	23.50
		1	25	22.39	22.41	22.50	23.50
		1	49	22.45	22.21	22.46	23.50
		25	0	21.37	21.31	21.38	22.50
		25	13	21.23	21.35	21.39	22.50
		25	25	21.44	21.36	21.26	22.50
		50	0	21.50	21.21	21.41	22.50
	64QAM	1	0	21.01	21.00	21.03	22.50
		1	25	20.98	21.30	21.43	22.50
		1	49	21.05	21.28	21.06	22.50
		25	0	21.37	20.26	20.36	21.50
		25	13	21.31	20.23	20.40	21.50
		25	25	21.31	20.27	20.38	21.50
		50	0	21.45	20.14	20.40	21.50
	256QAM	1	0	18.32	18.44	18.67	19.50
		1	25	18.31	18.34	18.35	19.50
		1	49	18.48	18.29	18.10	19.50
		25	0	18.08	18.41	18.40	19.50
		25	13	18.48	18.27	18.34	19.50
		25	25	18.34	18.45	18.49	19.50
		50	0	18.34	18.22	18.49	19.50



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 (Testing & Inspection 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.: SZCR250400159710

Page: 62 of 349

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.16	23.29	23.18	24.50
		1	38	23.41	23.28	23.33	24.50
		1	74	23.42	23.17	23.30	24.50
		36	0	22.46	22.25	22.43	23.50
		36	18	22.58	22.36	22.46	23.50
		36	39	22.48	22.22	22.41	23.50
		75	0	22.57	22.30	22.33	23.50
	16QAM	1	0	22.32	21.98	22.15	23.50
		1	38	22.34	22.39	22.31	23.50
		1	74	22.51	22.28	22.41	23.50
		36	0	21.37	21.22	21.45	22.50
		36	18	21.41	21.28	21.45	22.50
		36	39	21.53	21.43	21.34	22.50
		75	0	21.55	21.27	21.37	22.50
	64QAM	1	0	21.15	21.00	21.13	22.50
		1	38	20.95	21.24	21.53	22.50
		1	74	20.93	21.27	20.95	22.50
		36	0	21.45	20.30	20.28	21.50
		36	18	21.31	20.32	20.38	21.50
		36	39	21.40	20.28	20.29	21.50
		75	0	21.36	20.21	20.48	21.50
	256QAM	1	0	18.26	18.47	18.62	19.50
		1	38	18.29	18.28	18.43	19.50
		1	74	18.46	18.31	18.16	19.50
		36	0	17.98	18.39	18.27	19.50
		36	18	18.36	18.32	18.34	19.50
		36	39	18.50	18.26	18.45	19.50
		75	0	18.42	18.21	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.17	23.21	23.18	24.50
		1	50	23.38	23.36	23.35	24.50
		1	99	23.42	23.11	23.38	24.50
		50	0	22.39	22.27	22.38	23.50
		50	25	22.54	22.31	22.40	23.50
		50	50	22.45	22.32	22.40	23.50
		100	0	22.50	22.32	22.39	23.50
	16QAM	1	0	22.40	21.90	22.16	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 hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Inspection 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.: SZCR250400159710

Page: 63 of 349

		1	50	22.34	22.41	22.40	23.50
		1	99	22.45	22.21	22.38	23.50
		50	0	21.29	21.32	21.36	22.50
		50	25	21.32	21.30	21.44	22.50
		50	50	21.45	21.36	21.31	22.50
		100	0	21.55	21.27	21.32	22.50
	64QAM	1	0	21.06	20.99	21.12	22.50
		1	50	21.01	21.20	21.45	22.50
		1	99	21.03	21.20	20.98	22.50
		50	0	21.43	20.33	20.34	21.50
		50	25	21.41	20.28	20.40	21.50
		50	50	21.33	20.37	20.38	21.50
		100	0	21.44	20.20	20.38	21.50
	256QAM	1	0	18.31	18.42	18.67	19.50
		1	50	18.25	18.30	18.33	19.50
		1	99	18.46	18.30	18.20	19.50
		50	0	18.06	18.33	18.33	19.50
		50	25	18.45	18.23	18.32	19.50
		50	50	18.40	18.35	18.45	19.50
		100	0	18.35	18.24	18.41	19.50

LTE Band 7 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.05	15.82	15.82	16.50
		1	13	15.87	15.72	15.86	16.50
		1	24	15.82	15.85	15.89	16.50
		12	0	16.10	16.00	16.02	16.50
		12	6	16.13	15.90	16.09	16.50
		12	13	16.18	15.91	15.90	16.50
		25	0	16.02	15.78	15.87	16.50
	16QAM	1	0	16.03	16.04	16.05	16.50
		1	13	15.98	16.39	15.99	16.50
		1	24	16.10	15.92	16.05	16.50
		12	0	16.12	15.85	16.01	16.50
		12	6	16.04	15.70	15.97	16.50
		12	13	15.99	15.95	16.08	16.50
		25	0	16.07	15.74	15.95	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration 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.: SZCR250400159710

Page: 64 of 349

	64QAM	1	0	16.08	15.94	15.93	16.50
		1	13	16.03	16.00	15.98	16.50
		1	24	16.12	16.15	15.95	16.50
		12	0	16.25	16.03	16.05	16.50
		12	6	16.03	15.75	16.17	16.50
		12	13	15.98	15.99	16.04	16.50
		25	0	16.21	15.99	16.00	16.50
	256QAM	1	0	16.03	15.95	15.88	16.50
		1	13	16.13	15.78	16.08	16.50
		1	24	15.98	15.81	15.99	16.50
		12	0	16.08	15.70	15.86	16.50
		12	6	16.12	15.86	15.98	16.50
		12	13	16.11	15.88	15.95	16.50
		25	0	16.12	15.66	15.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.14	15.90	15.86	16.50
		1	25	15.89	15.68	15.77	16.50
		1	49	15.88	15.80	15.79	16.50
		25	0	16.10	15.84	15.94	16.50
		25	13	16.05	15.79	16.04	16.50
		25	25	15.99	15.89	15.92	16.50
		50	0	15.95	15.91	15.87	16.50
	16QAM	1	0	16.14	15.90	15.98	16.50
		1	25	16.04	16.45	16.02	16.50
		1	49	16.04	15.88	16.05	16.50
		25	0	16.26	15.85	16.09	16.50
		25	13	16.06	15.83	15.95	16.50
		25	25	16.09	15.92	15.90	16.50
		50	0	16.11	15.87	16.06	16.50
	64QAM	1	0	16.19	16.05	15.91	16.50
		1	25	16.02	15.99	16.02	16.50
		1	49	16.08	16.06	16.02	16.50
		25	0	16.22	15.89	16.06	16.50
		25	13	16.13	15.74	16.09	16.50
		25	25	15.98	15.81	16.12	16.50
		50	0	16.08	15.98	15.99	16.50
	256QAM	1	0	16.13	15.98	15.88	16.50
		1	25	16.12	15.95	15.99	16.50
		1	49	15.95	15.95	16.03	16.50



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

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.: SZCR250400159710

Page: 65 of 349

		25	0	16.28	15.68	15.90	16.50
		25	13	16.09	15.90	16.02	16.50
		25	25	15.96	15.95	15.89	16.50
		50	0	16.08	15.70	15.84	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.05	15.89	15.73	16.50
		1	38	15.81	15.62	15.79	16.50
		1	74	15.84	15.79	15.84	16.50
		36	0	16.27	15.86	16.05	16.50
		36	18	16.12	15.88	15.97	16.50
		36	39	16.07	15.94	16.05	16.50
		75	0	15.93	15.81	15.96	16.50
	16QAM	1	0	16.13	15.88	16.12	16.50
		1	38	16.10	16.32	15.90	16.50
		1	74	16.04	15.83	16.07	16.50
		36	0	16.26	15.89	15.94	16.50
		36	18	16.13	15.84	16.03	16.50
		36	39	15.96	15.87	15.91	16.50
		75	0	16.15	15.90	16.07	16.50
	64QAM	1	0	16.09	15.89	16.04	16.50
		1	38	16.00	16.11	15.89	16.50
		1	74	16.06	16.10	16.01	16.50
		36	0	16.26	15.94	15.99	16.50
		36	18	16.17	15.88	16.12	16.50
		36	39	16.11	15.83	16.12	16.50
		75	0	16.11	16.00	16.08	16.50
	256QAM	1	0	16.17	15.81	15.86	16.50
		1	38	16.14	15.84	16.00	16.50
		1	74	15.96	15.94	15.94	16.50
		36	0	16.17	15.64	15.97	16.50
		36	18	16.19	15.86	16.05	16.50
		36	39	15.96	15.93	16.00	16.50
		75	0	16.09	15.78	15.78	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.06	15.91	15.83	16.50
		1	50	15.82	15.68	15.80	16.50
		1	99	15.84	15.83	15.81	16.50
		50	0	16.20	15.90	15.99	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration 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.: SZCR250400159710

Page: 66 of 349

		50	25	16.07	15.81	16.05	16.50
		50	50	16.09	15.89	16.21	16.50
		100	0	16.02	15.88	15.91	16.50
	16QAM	1	0	16.08	15.94	16.03	16.50
		1	50	16.08	16.37	15.98	16.50
		1	99	16.07	15.84	16.02	16.50
		50	0	16.17	15.89	15.99	16.50
		50	25	16.05	15.78	16.03	16.50
		50	50	15.99	15.87	16.00	16.50
		100	0	16.10	15.83	15.98	16.50
	64QAM	1	0	16.11	15.98	15.94	16.50
		1	50	16.06	16.04	15.98	16.50
		1	99	16.09	16.08	16.03	16.50
		50	0	16.23	15.93	16.03	16.50
		50	25	16.11	15.83	16.07	16.50
		50	50	16.05	15.91	16.02	16.50
		100	0	16.17	15.90	16.00	16.50
	256QAM	1	0	16.11	15.91	15.93	16.50
		1	50	16.20	15.86	16.04	16.50
		1	99	15.92	15.89	15.93	16.50
		50	0	16.18	15.73	15.94	16.50
		50	25	16.16	15.92	15.96	16.50
		50	50	16.03	15.93	15.98	16.50
		100	0	16.16	15.71	15.83	16.50

LTE Band 7 DSI1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.02	18.86	19.23	19.50
		1	13	18.95	19.01	18.97	19.50
		1	24	19.25	18.72	19.00	19.50
		12	0	19.14	18.99	19.04	19.50
		12	6	19.10	18.97	19.14	19.50
		12	13	19.03	19.00	19.11	19.50
		25	0	19.28	19.00	18.96	19.50
	16QAM	1	0	19.44	19.06	18.97	19.50
		1	13	19.36	19.26	19.06	19.50
		1	24	19.23	19.02	19.03	19.50



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 Testing & Inspection 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.: SZCR250400159710

Page: 67 of 349

		12	0	19.29	18.90	19.01	19.50
		12	6	19.24	19.00	19.10	19.50
		12	13	19.19	19.02	19.09	19.50
		25	0	19.40	19.01	19.11	19.50
	64QAM	1	0	19.21	19.41	19.23	19.50
		1	13	19.07	18.98	19.17	19.50
		1	24	19.23	19.03	19.12	19.50
		12	0	19.27	19.15	18.97	19.50
		12	6	19.15	19.01	19.28	19.50
		12	13	19.08	19.10	19.19	19.50
		25	0	19.18	18.85	19.03	19.50
		25	0	19.18	18.85	19.03	19.50
	256QAM	1	0	18.78	18.42	18.41	19.50
		1	13	18.52	18.57	18.45	19.50
		1	24	18.81	18.91	18.59	19.50
		12	0	18.63	18.67	18.43	19.50
		12	6	18.73	18.21	18.64	19.50
		12	13	18.72	18.54	18.49	19.50
		25	0	18.70	18.40	18.65	19.50
		25	0	18.70	18.40	18.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.96	19.00	19.05	19.50
		1	25	19.06	19.06	19.01	19.50
		1	49	19.26	18.78	19.17	19.50
		25	0	19.31	18.86	19.02	19.50
		25	13	19.20	18.94	19.27	19.50
		25	25	19.15	18.99	19.06	19.50
		50	0	19.15	19.02	19.06	19.50
		50	0	19.15	19.02	19.06	19.50
	16QAM	1	0	19.50	19.06	19.01	19.50
		1	25	19.44	19.18	18.96	19.50
		1	49	19.07	19.00	19.03	19.50
		25	0	19.30	18.89	18.97	19.50
		25	13	19.08	18.98	19.16	19.50
		25	25	19.22	19.14	19.12	19.50
		50	0	19.29	19.12	19.12	19.50
		50	0	19.29	19.12	19.12	19.50
	64QAM	1	0	19.15	19.28	19.23	19.50
		1	25	19.04	19.11	19.33	19.50
		1	49	19.23	18.98	19.17	19.50
		25	0	19.26	19.03	18.97	19.50
		25	13	19.29	19.16	19.15	19.50
		25	25	19.09	19.13	19.21	19.50
		25	25	19.09	19.13	19.21	19.50
		25	25	19.09	19.13	19.21	19.50



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 Testing & Calibration 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

Member of the SGS Group (SGS SA)

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

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

Report No.: SZCR250400159710

Page: 68 of 349

		50	0	19.09	18.84	19.10	19.50
	256QAM	1	0	18.65	18.33	18.29	19.50
		1	25	18.67	18.49	18.38	19.50
		1	49	18.95	18.88	18.63	19.50
		25	0	18.54	18.49	18.44	19.50
		25	13	18.78	18.21	18.71	19.50
		25	25	18.72	18.39	18.65	19.50
		50	0	18.69	18.56	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.02	18.80	19.23	19.50
		1	38	18.95	19.08	18.90	19.50
		1	74	19.18	18.70	19.17	19.50
		36	0	19.14	18.98	19.05	19.50
		36	18	19.26	19.02	19.10	19.50
		36	39	19.03	19.03	19.16	19.50
		75	0	19.27	19.01	19.10	19.50
	16QAM	1	0	19.48	19.07	18.95	19.50
		1	38	19.30	19.17	18.95	19.50
		1	74	19.07	19.00	19.14	19.50
		36	0	19.32	18.89	19.04	19.50
		36	18	19.20	19.03	19.18	19.50
		36	39	19.28	18.98	19.07	19.50
		75	0	19.35	19.05	19.11	19.50
	64QAM	1	0	19.25	19.30	19.04	19.50
		1	38	19.11	19.05	19.28	19.50
		1	74	19.17	18.90	19.18	19.50
		36	0	19.27	19.01	19.00	19.50
		36	18	19.25	19.10	19.20	19.50
		36	39	19.03	19.00	19.08	19.50
		75	0	19.18	19.00	19.12	19.50
	256QAM	1	0	18.73	18.29	18.35	19.50
		1	38	18.72	18.43	18.47	19.50
		1	74	18.80	18.85	18.55	19.50
		36	0	18.61	18.57	18.54	19.50
		36	18	18.61	18.34	18.52	19.50
		36	39	18.83	18.44	18.52	19.50
		75	0	18.52	18.40	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Inspection 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.: SZCR250400159710

Page: 69 of 349

20MHz	QPSK	1	0	18.99	18.90	19.14	19.50
		1	50	19.02	19.00	18.93	19.50
		1	99	19.17	18.78	19.10	19.50
		50	0	19.22	18.96	18.97	19.50
		50	25	19.19	18.96	19.17	19.50
		50	50	19.12	19.05	19.11	19.50
		100	0	19.24	18.98	19.01	19.50
	16QAM	1	0	19.45	18.98	18.98	19.50
		1	50	19.38	19.17	19.00	19.50
		1	99	19.16	19.07	19.12	19.50
		50	0	19.28	18.97	19.01	19.50
		50	25	19.18	19.00	19.09	19.50
		50	50	19.19	19.07	19.06	19.50
		100	0	19.32	19.04	19.06	19.50
	64QAM	1	0	19.16	19.33	19.13	19.50
		1	50	19.12	19.07	19.24	19.50
		1	99	19.21	18.95	19.20	19.50
		50	0	19.21	19.06	19.00	19.50
		50	25	19.23	19.07	19.23	19.50
		50	50	19.12	19.07	19.16	19.50
		100	0	19.17	18.90	19.07	19.50
	256QAM	1	0	18.70	18.34	18.36	19.50
		1	50	18.62	18.51	18.44	19.50
		1	99	18.85	18.94	18.54	19.50
		50	0	18.62	18.58	18.51	19.50
		50	25	18.69	18.29	18.61	19.50
		50	50	18.74	18.44	18.57	19.50
		100	0	18.61	18.46	18.59	19.50

LTE Band 25 DS1/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	23.26	23.16	23.02	25.00
		1	2	23.06	23.28	23.47	25.00
		1	5	23.37	23.16	23.21	25.00
		3	0	23.28	23.29	23.23	25.00
		3	2	23.48	23.25	23.42	25.00
		3	3	23.44	23.47	23.31	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Inspection 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.: SZCR250400159710

Page: 70 of 349

	16QAM	6	0	22.32	22.18	22.38	24.00
		1	0	22.17	22.08	22.06	24.00
		1	2	22.16	21.97	22.19	24.00
		1	5	22.55	21.67	21.90	24.00
		3	0	22.44	22.26	22.38	24.00
		3	2	22.42	22.37	22.39	24.00
		3	3	22.50	22.48	22.39	24.00
		6	0	21.27	21.27	21.34	23.00
	64QAM	1	0	21.23	20.56	20.97	23.00
		1	2	21.46	21.69	21.31	23.00
		1	5	20.54	21.29	21.13	23.00
		3	0	21.37	21.33	21.33	23.00
		3	2	21.51	21.19	21.39	23.00
		3	3	21.30	21.44	21.45	23.00
		6	0	20.26	20.33	20.31	22.00
		6	0	18.36	18.28	18.45	20.00
	256QAM	1	0	18.20	17.98	18.08	20.00
		1	2	18.20	18.33	18.43	20.00
		1	5	18.30	18.37	18.49	20.00
		3	0	18.24	18.13	18.27	20.00
		3	2	18.29	18.28	18.46	20.00
		3	3	18.35	18.40	18.45	20.00
		6	0	18.36	18.28	18.45	20.00
		6	0	18.36	18.28	18.45	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	23.25	23.22	23.09	25.00
		1	7	23.21	23.35	23.48	25.00
		1	14	23.45	23.26	23.30	25.00
		8	0	22.23	22.20	22.17	24.00
		8	4	22.45	22.32	22.23	24.00
		8	7	22.30	22.48	22.31	24.00
		15	0	22.38	22.22	22.23	24.00
		15	0	22.38	22.22	22.23	24.00
	16QAM	1	0	22.21	21.90	22.05	24.00
		1	7	22.10	21.98	22.12	24.00
		1	14	22.52	21.61	21.91	24.00
		8	0	21.32	21.31	21.23	23.00
		8	4	21.37	21.26	21.48	23.00
		8	7	21.48	21.36	21.39	23.00
		15	0	21.26	21.28	21.40	23.00
		15	0	21.26	21.28	21.40	23.00
	64QAM	1	0	21.20	20.62	21.08	23.00
		1	7	21.35	21.55	21.35	23.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing 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.: SZCR250400159710

Page: 71 of 349

		1	14	20.62	21.34	21.25	23.00
		8	0	20.30	20.34	20.17	22.00
		8	4	20.32	20.28	20.30	22.00
		8	7	20.23	20.42	20.42	22.00
		15	0	20.29	20.24	20.41	22.00
	256QAM	1	0	18.11	17.92	17.93	20.00
		1	7	18.34	18.16	18.42	20.00
		1	14	18.14	18.35	18.40	20.00
		8	0	18.13	18.31	18.27	20.00
		8	4	18.26	18.24	18.56	20.00
		8	7	18.41	18.42	18.42	20.00
		15	0	18.42	18.21	18.50	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					26065	26365	26665
					Tune up		
5MHz	QPSK	1	0	23.36	23.12	23.03	25.00
		1	13	23.17	23.30	23.44	25.00
		1	24	23.37	23.08	23.23	25.00
		12	0	22.27	22.28	22.21	24.00
		12	6	22.34	22.23	22.25	24.00
		12	13	22.35	22.36	22.28	24.00
		25	0	22.40	22.34	22.25	24.00
	16QAM	1	0	22.17	21.91	22.11	24.00
		1	13	22.18	22.02	22.15	24.00
		1	24	22.48	21.71	21.91	24.00
		12	0	21.45	21.38	21.20	23.00
		12	6	21.30	21.29	21.31	23.00
		12	13	21.37	21.28	21.26	23.00
		25	0	21.27	21.34	21.46	23.00
	64QAM	1	0	21.24	20.65	20.98	23.00
		1	13	21.27	21.58	21.35	23.00
		1	24	20.66	21.28	21.13	23.00
		12	0	20.34	20.35	20.26	22.00
		12	6	20.51	20.21	20.30	22.00
		12	13	20.27	20.31	20.36	22.00
		25	0	20.41	20.37	20.25	22.00
	256QAM	1	0	18.17	17.94	18.00	20.00
		1	13	18.18	18.20	18.34	20.00
		1	24	18.27	18.38	18.45	20.00
		12	0	18.14	18.14	18.23	20.00
		12	6	18.22	18.18	18.53	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

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

Member of the SGS Group (SGS SA)

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

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

Report No.: SZCR250400159710

Page: 72 of 349

		12	13	18.43	18.42	18.51	20.00
		25	0	18.27	18.22	18.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	23.27	23.25	23.01	25.00
		1	25	23.11	23.33	23.42	25.00
		1	49	23.38	23.13	23.20	25.00
		25	0	22.25	22.34	22.31	24.00
		25	13	22.45	22.29	22.36	24.00
		25	25	22.36	22.37	22.36	24.00
		50	0	22.39	22.16	22.35	24.00
	16QAM	1	0	22.07	21.91	21.98	24.00
		1	25	22.19	21.97	22.25	24.00
		1	49	22.45	21.70	21.81	24.00
		25	0	21.31	21.23	21.21	23.00
		25	13	21.38	21.25	21.37	23.00
		25	25	21.47	21.41	21.34	23.00
		50	0	21.35	21.38	21.46	23.00
	64QAM	1	0	21.23	20.63	21.09	23.00
		1	25	21.28	21.69	21.44	23.00
		1	49	20.65	21.28	21.24	23.00
		25	0	20.24	20.25	20.27	22.00
		25	13	20.39	20.15	20.32	22.00
		25	25	20.27	20.26	20.44	22.00
		50	0	20.39	20.26	20.39	22.00
	256QAM	1	0	18.11	17.99	18.04	20.00
		1	25	18.29	18.18	18.42	20.00
		1	49	18.20	18.28	18.43	20.00
		25	0	18.21	18.22	18.24	20.00
		25	13	18.35	18.27	18.38	20.00
		25	25	18.45	18.37	18.38	20.00
		50	0	18.27	18.10	18.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	23.30	23.18	23.07	25.00
		1	38	23.17	23.29	23.46	25.00
		1	74	23.37	23.19	23.28	25.00
		36	0	22.35	22.22	22.23	24.00
		36	18	22.34	22.34	22.25	24.00
		36	39	22.41	22.42	22.23	24.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Inspection 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.: SZCR250400159710

Page: 73 of 349

	16QAM	75	0	22.45	22.22	22.40	24.00
		1	0	22.17	21.94	21.99	24.00
		1	38	22.13	21.88	22.20	24.00
		1	74	22.48	21.70	21.91	24.00
		36	0	21.42	21.28	21.40	23.00
		36	18	21.35	21.29	21.43	23.00
		36	39	21.42	21.38	21.40	23.00
		75	0	21.34	21.41	21.47	23.00
	64QAM	1	0	21.08	20.57	21.04	23.00
		1	38	21.34	21.53	21.31	23.00
		1	74	20.50	21.22	21.23	23.00
		36	0	20.33	20.34	20.28	22.00
		36	18	20.50	20.19	20.44	22.00
		36	39	20.23	20.29	20.39	22.00
		75	0	20.33	20.23	20.28	22.00
		75	0	20.33	20.23	20.28	22.00
	256QAM	1	0	18.20	18.10	18.02	20.00
		1	38	18.26	18.28	18.36	20.00
		1	74	18.15	18.29	18.53	20.00
		36	0	18.07	18.25	18.26	20.00
		36	18	18.36	18.35	18.53	20.00
		36	39	18.48	18.31	18.52	20.00
		75	0	18.28	18.25	18.44	20.00
		75	0	18.28	18.25	18.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	23.31	23.19	23.05	25.00
		1	50	23.15	23.37	23.41	25.00
		1	99	23.46	23.17	23.21	25.00
		50	0	22.26	22.26	22.27	24.00
		50	25	22.40	22.27	22.32	24.00
		50	50	22.35	22.40	22.30	24.00
		100	0	22.38	22.26	22.32	24.00
		100	0	22.38	22.26	22.32	24.00
	16QAM	1	0	22.12	21.98	22.03	24.00
		1	50	22.15	21.96	22.22	24.00
		1	99	22.53	21.77	21.82	24.00
		50	0	21.35	21.29	21.30	23.00
		50	25	21.36	21.32	21.38	23.00
		50	50	21.42	21.38	21.30	23.00
		100	0	21.34	21.34	21.39	23.00
		100	0	21.34	21.34	21.39	23.00
	64QAM	1	0	21.14	20.62	21.01	23.00
		1	50	21.36	21.62	21.39	23.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration 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.: SZCR250400159710

Page: 74 of 349

		1	99	20.89	21.26	21.18	23.00
		50	0	20.28	20.27	20.23	22.00
		50	25	20.41	20.22	20.37	22.00
		50	50	20.30	20.36	20.39	22.00
		100	0	20.34	20.30	20.35	22.00
	256QAM	1	0	18.10	18.01	17.98	20.00
		1	50	18.27	18.23	18.38	20.00
		1	99	18.23	18.32	18.44	20.00
		50	0	18.14	18.21	18.21	20.00
		50	25	18.32	18.27	18.46	20.00
		50	50	18.43	18.35	18.43	20.00
		100	0	18.37	18.19	18.41	20.00

LTE Band 25 DSI4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	18.24	18.26	18.38	19.50
		1	2	18.28	18.46	18.40	19.50
		1	5	18.31	18.30	18.35	19.50
		3	0	18.39	18.36	18.41	19.50
		3	2	18.37	18.38	18.31	19.50
		3	3	18.33	18.35	18.43	19.50
		6	0	18.31	18.37	18.41	19.50
	16QAM	1	0	18.19	18.54	18.54	19.50
		1	2	18.41	18.60	18.74	19.50
		1	5	18.22	18.75	18.54	19.50
		3	0	18.38	18.36	18.53	19.50
		3	2	18.39	18.44	18.35	19.50
		3	3	18.33	18.17	18.46	19.50
		6	0	18.34	18.32	18.56	19.50
	64QAM	1	0	18.06	18.46	18.51	19.50
		1	2	18.46	18.22	18.23	19.50
		1	5	18.19	18.50	18.67	19.50
		3	0	18.38	18.36	18.46	19.50
		3	2	18.22	18.47	18.42	19.50
		3	3	18.41	18.47	18.48	19.50
		6	0	18.31	18.28	18.42	19.50
	256QAM	1	0	18.31	18.36	18.47	19.50



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 Testing 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.: SZCR250400159710

Page: 75 of 349

		1	2	18.42	18.33	18.28	19.50
		1	5	18.25	18.33	18.47	19.50
		3	0	18.38	18.21	18.53	19.50
		3	2	18.33	18.32	18.35	19.50
		3	3	18.30	18.42	18.18	19.50
		6	0	18.23	18.27	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	17.87	18.04	18.02	19.50
		1	7	18.10	18.58	18.22	19.50
		1	14	18.28	17.91	18.22	19.50
		8	0	18.04	18.22	18.10	19.50
		8	4	18.25	18.11	18.29	19.50
		8	7	18.23	18.25	18.31	19.50
		15	0	18.16	18.14	18.21	19.50
	16QAM	1	0	18.40	18.34	18.24	19.50
		1	7	18.48	18.04	18.50	19.50
		1	14	18.06	18.36	18.29	19.50
		8	0	18.06	18.11	18.35	19.50
		8	4	18.23	18.21	18.36	19.50
		8	7	18.24	18.32	18.37	19.50
		15	0	18.22	18.28	18.30	19.50
	64QAM	1	0	17.97	18.16	18.52	19.50
		1	7	17.89	18.19	18.35	19.50
		1	14	18.02	18.14	18.37	19.50
		8	0	18.22	18.11	18.14	19.50
		8	4	18.30	18.30	18.29	19.50
		8	7	18.22	18.18	18.42	19.50
		15	0	18.12	18.30	18.30	19.50
	256QAM	1	0	18.32	18.20	18.27	19.50
		1	7	18.18	18.28	18.07	19.50
		1	14	18.32	18.17	18.48	19.50
		8	0	18.26	17.99	18.18	19.50
		8	4	18.33	18.12	18.34	19.50
		8	7	18.21	18.19	18.38	19.50
		15	0	18.20	18.30	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	18.05	17.95	18.07	19.50
		1	13	18.09	18.54	18.11	19.50



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 Testing & Inspection 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.: SZCR250400159710

Page: 76 of 349

		1	24	18.23	17.93	18.25	19.50
		12	0	18.12	18.14	18.11	19.50
		12	6	18.33	18.19	18.20	19.50
		12	13	18.24	18.29	18.29	19.50
		25	0	18.13	18.21	18.26	19.50
	16QAM	1	0	18.34	18.29	18.36	19.50
		1	13	18.50	18.21	18.40	19.50
		1	24	18.01	18.28	18.44	19.50
		12	0	18.16	18.22	18.37	19.50
		12	6	18.29	18.37	18.28	19.50
		12	13	18.24	18.30	18.35	19.50
		25	0	18.12	18.28	18.27	19.50
	64QAM	1	0	18.04	18.16	18.57	19.50
		1	13	17.97	18.26	18.40	19.50
		1	24	18.01	18.15	18.21	19.50
		12	0	18.36	18.04	18.32	19.50
		12	6	18.35	18.29	18.22	19.50
		12	13	18.16	18.24	18.49	19.50
		25	0	18.29	18.25	18.39	19.50
	256QAM	1	0	18.22	18.22	18.22	19.50
		1	13	18.26	18.09	18.15	19.50
		1	24	18.32	18.23	18.53	19.50
		12	0	18.25	18.07	18.11	19.50
		12	6	18.31	18.25	18.21	19.50
		12	13	18.32	18.34	18.28	19.50
		25	0	18.24	18.22	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	17.92	17.92	18.00	19.50
		1	25	18.00	18.61	18.25	19.50
		1	49	18.11	18.01	18.17	19.50
		25	0	18.21	18.17	18.24	19.50
		25	13	18.29	18.18	18.25	19.50
		25	25	18.25	18.34	18.22	19.50
		50	0	18.08	18.14	18.28	19.50
	16QAM	1	0	18.34	18.43	18.26	19.50
		1	25	18.47	18.03	18.44	19.50
		1	49	18.05	18.29	18.46	19.50
		25	0	18.14	18.15	18.37	19.50
		25	13	18.23	18.31	18.30	19.50



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

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.: SZCR250400159710

Page: 77 of 349

	64QAM	25	25	18.32	18.37	18.44	19.50
		50	0	18.28	18.18	18.39	19.50
		1	0	18.16	18.26	18.58	19.50
		1	25	17.92	18.29	18.34	19.50
		1	49	18.18	18.10	18.26	19.50
		25	0	18.32	18.06	18.20	19.50
		25	13	18.32	18.13	18.26	19.50
		25	25	18.32	18.22	18.47	19.50
		50	0	18.20	18.21	18.39	19.50
		1	0	18.40	18.16	18.18	19.50
	256QAM	1	25	18.26	18.20	18.13	19.50
		1	49	18.26	18.29	18.41	19.50
		25	0	18.17	18.00	18.18	19.50
		25	13	18.35	18.32	18.21	19.50
		25	25	18.35	18.34	18.45	19.50
		50	0	18.34	18.22	18.28	19.50
		1	0	17.97	17.89	18.03	19.50
		1	38	18.12	18.58	18.21	19.50
		1	74	18.30	18.02	18.16	19.50
15MHz	QPSK	36	0	18.05	18.15	18.28	19.50
		36	18	18.22	18.11	18.28	19.50
		36	39	18.28	18.28	18.23	19.50
		75	0	18.20	18.27	18.31	19.50
	16QAM	1	0	18.26	18.36	18.26	19.50
		1	38	18.31	18.23	18.36	19.50
		1	74	17.99	18.37	18.46	19.50
		36	0	18.23	18.19	18.26	19.50
		36	18	18.28	18.29	18.47	19.50
		36	39	18.25	18.33	18.35	19.50
		75	0	18.30	18.35	18.36	19.50
	64QAM	1	0	18.03	18.29	18.40	19.50
		1	38	17.84	18.17	18.40	19.50
		1	74	18.11	18.03	18.23	19.50
		36	0	18.27	18.04	18.17	19.50
		36	18	18.25	18.22	18.28	19.50
		36	39	18.24	18.18	18.48	19.50
		75	0	18.29	18.16	18.38	19.50
	256QAM	1	0	18.33	18.16	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	



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.: SZCR250400159710

Page: 78 of 349

		1	38	18.21	18.08	18.11	19.50
		1	74	18.40	18.30	18.45	19.50
		36	0	18.10	18.19	18.12	19.50
		36	18	18.31	18.29	18.33	19.50
		36	39	18.28	18.19	18.30	19.50
		75	0	18.23	18.31	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	17.95	17.99	18.06	19.50
		1	50	18.17	18.57	18.16	19.50
		1	99	18.15	17.99	18.22	19.50
		50	0	18.11	18.14	18.18	19.50
		50	25	18.26	18.21	18.26	19.50
		50	50	18.20	18.25	18.26	19.50
		100	0	18.14	18.22	18.29	19.50
	16QAM	1	0	18.32	18.39	18.26	19.50
		1	50	18.41	18.13	18.40	19.50
		1	99	18.06	18.27	18.38	19.50
		50	0	18.16	18.16	18.35	19.50
		50	25	18.25	18.28	18.37	19.50
		50	50	18.26	18.34	18.38	19.50
		100	0	18.22	18.28	18.30	19.50
	64QAM	1	0	18.07	18.20	18.50	19.50
		1	50	17.91	18.24	18.32	19.50
		1	99	18.08	18.11	18.29	19.50
		50	0	18.26	18.13	18.23	19.50
		50	25	18.25	18.22	18.32	19.50
		50	50	18.26	18.28	18.43	19.50
		100	0	18.19	18.21	18.37	19.50
	256QAM	1	0	18.32	18.23	18.21	19.50
		1	50	18.26	18.18	18.10	19.50
		1	99	18.30	18.23	18.48	19.50
		50	0	18.17	18.09	18.18	19.50
		50	25	18.26	18.22	18.25	19.50
		50	50	18.31	18.27	18.36	19.50
		100	0	18.26	18.23	18.34	19.50



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 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

Member of the SGS Group (SGS SA)

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

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

Report No.: SZCR250400159710

Page: 79 of 349

LTE FDD Band 30 DSI1/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	23.28	23.54	23.33	24.50
		1	13	23.42	23.62	23.62	24.50
		1	24	23.60	23.41	23.52	24.50
		12	0	22.39	22.49	22.52	23.50
		12	6	22.56	22.59	22.59	23.50
		12	13	22.43	22.65	22.54	23.50
		25	0	22.25	22.57	22.56	23.50
	16QAM	1	0	22.99	22.62	22.56	23.50
		1	13	23.01	22.47	22.16	23.50
		1	24	22.96	22.18	22.27	23.50
		12	0	21.63	21.42	21.51	22.50
		12	6	21.44	21.52	21.61	22.50
		12	13	21.49	21.27	21.42	22.50
		25	0	21.41	21.21	21.47	22.50
	64QAM	1	0	21.57	21.44	21.41	22.50
		1	13	21.58	21.45	21.64	22.50
		1	24	21.68	21.49	21.53	22.50
		12	0	20.67	20.56	20.52	21.50
		12	6	20.51	20.59	20.59	21.50
		12	13	20.57	20.43	20.65	21.50
		25	0	20.51	20.61	20.47	21.50
	256QAM	1	0	18.76	18.21	18.51	19.50
		1	13	18.72	18.48	18.60	19.50
		1	24	18.54	18.43	18.09	19.50
		12	0	18.63	18.54	18.58	19.50
		12	6	18.70	18.61	18.62	19.50
		12	13	18.59	18.45	18.61	19.50
		25	0	18.60	18.58	18.59	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23.42	/	24.50
		1	25	/	23.60	/	24.50
		1	49	/	23.29	/	24.50
		25	0	/	22.49	/	23.50
		25	13	/	22.53	/	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 hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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