		12	6	21.25	21.37	21.21	22.50
		12	13	21.38	21.36	21.46	22.50
		25	0	21.29	21.36	21.26	22.50
	64QAM	1	0	21.28	22.25	21.78	22.50
		1	13	21.59	22.48	22.21	22.50
		1	24	21.36	22.30	22.22	22.50
		12	0	20.32	21.34	21.08	21.50
		12	6	20.36	21.25	21.38	21.50
		12	13	20.32	21.42	21.29	21.50
		25	0	20.31	21.23	21.24	21.50
	256QAM	1	0	17.91	18.28	18.24	19.50
		1	13	18.15	18.38	18.55	19.50
		1	24	18.41	18.45	18.21	19.50
		12	0	18.14	18.22	18.14	19.50
		12	6	18.40	18.32	18.34	19.50
		12	13	18.17	18.34	18.31	19.50
		25	0	18.39	18.14	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.02	23.22	23.24	24.50
		1	25	23.61	23.13	23.32	24.50
		1	49	23.17	23.56	23.15	24.50
		25	0	22.22	22.24	22.20	23.50
		25	13	22.44	22.26	22.27	23.50
		25	25	22.16	22.30	22.37	23.50
		50	0	22.26	22.22	22.28	23.50
	16QAM	1	0	22.32	22.21	22.42	23.50
		1	25	22.23	22.53	22.65	23.50
		1	49	22.39	22.52	22.33	23.50
		25	0	21.21	21.10	21.24	22.50
		25	13	21.23	21.26	21.22	22.50
		25	25	21.45	21.39	21.41	22.50
		50	0	21.40	21.40	21.30	22.50
	64QAM	1	0	21.33	22.17	22.21	22.50
		1	25	21.58	22.45	22.27	22.50
		1	49	21.39	22.19	22.27	22.50
		25	0	20.35	21.29	21.15	21.50
		25	13	20.32	21.17	21.33	21.50
		25	25	20.37	21.36	21.28	21.50

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		50	0	20.36	21.20	21.20	21.50
	256QAM	1	0	17.92	18.21	18.26	19.50
		1	25	18.09	18.44	18.55	19.50
		1	49	18.48	18.34	18.14	19.50
		25	0	18.14	18.25	18.12	19.50
		25	13	18.34	18.36	18.36	19.50
		25	25	18.21	18.28	18.32	19.50
		50	0	18.37	18.13	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.14	23.18	23.22	24.50
		1	38	23.65	23.20	23.41	24.50
		1	74	23.21	23.58	23.18	24.50
		36	0	22.19	22.22	22.25	23.50
		36	18	22.35	22.24	22.34	23.50
		36	39	22.20	22.31	22.27	23.50
		75	0	22.25	22.15	22.23	23.50
	16QAM	1	0	22.25	22.29	22.52	23.50
		1	38	22.24	22.44	22.69	23.50
		1	74	22.31	22.49	22.39	23.50
		36	0	21.16	21.07	21.23	22.50
		36	18	21.26	21.32	21.22	22.50
		36	39	21.46	21.36	21.36	22.50
		75	0	21.33	21.45	21.26	22.50
	64QAM	1	0	21.28	22.25	22.47	22.50
		1	38	21.61	22.39	22.24	22.50
		1	74	21.35	22.25	22.28	22.50
		36	0	20.35	21.25	21.07	21.50
		36	18	20.32	21.21	21.32	21.50
		36	39	20.38	21.34	21.28	21.50
		75	0	20.25	21.18	21.24	21.50
	256QAM	1	0	17.93	18.26	18.34	19.50
		1	38	18.16	18.44	18.54	19.50
		1	74	18.48	18.35	18.21	19.50
		36	0	18.13	18.18	18.19	19.50
		36	18	18.37	18.31	18.42	19.50
		36	39	18.25	18.38	18.31	19.50
		75	0	18.32	18.13	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

				18700	18900	19100	
20MHz	QPSK	1	0	23.12	23.24	23.32	24.50
		1	50	23.63	23.22	23.39	24.50
		1	99	23.23	23.61	23.22	24.50
		50	0	22.24	22.24	22.29	23.50
		50	25	22.45	22.30	22.34	23.50
		50	50	22.22	22.31	22.35	23.50
		100	0	22.27	22.22	22.33	23.50
	16QAM	1	0	22.31	22.31	22.52	23.50
		1	50	22.26	22.51	22.67	23.50
		1	99	22.41	22.55	22.41	23.50
		50	0	21.20	21.17	21.24	22.50
		50	25	21.31	21.36	21.30	22.50
		50	50	21.48	21.40	21.44	22.50
		100	0	21.38	21.43	21.33	22.50
	64QAM	1	0	21.35	22.25	22.50	22.50
		1	50	21.59	22.47	22.25	22.50
		1	99	21.39	22.28	22.31	22.50
		50	0	20.35	21.34	21.15	21.50
		50	25	20.35	21.24	21.39	21.50
		50	50	20.38	21.40	21.35	21.50
		100	0	20.34	21.27	21.29	21.50
	256QAM	1	0	17.99	18.29	18.34	19.50
		1	50	18.17	18.48	18.60	19.50
		1	99	18.47	18.44	18.24	19.50
		50	0	18.14	18.27	18.19	19.50
		50	25	18.40	18.37	18.42	19.50
		50	50	18.24	18.38	18.36	19.50
		100	0	18.37	18.22	18.49	19.50

LTE Band 2 DSI 3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	19.28	19.50	19.57	20.50
		1	2	19.78	19.44	19.44	20.50
		1	5	19.32	19.70	19.37	20.50
		3	0	19.26	19.34	19.46	20.50
		3	2	19.77	19.45	19.47	20.50

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

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		3	3	19.32	19.72	19.22	20.50
		6	0	19.41	19.36	19.31	20.50
	16QAM	1	0	19.53	19.57	19.64	20.50
		1	2	19.33	19.45	19.66	20.50
		1	5	19.51	19.33	19.38	20.50
		3	0	19.46	19.45	19.68	20.50
		3	2	19.45	19.65	19.83	20.50
		3	3	19.65	19.66	19.63	20.50
		6	0	19.50	19.28	19.36	20.50
	64QAM	1	0	19.61	19.53	19.53	20.50
		1	2	19.67	19.58	19.57	20.50
		1	5	19.45	19.57	19.57	20.50
		3	0	19.55	19.49	19.54	20.50
		3	2	19.76	19.63	19.38	20.50
		3	3	19.52	19.54	19.58	20.50
		6	0	19.55	19.51	19.38	20.50
	256QAM	1	0	17.81	18.22	18.26	19.50
		1	2	18.21	18.30	18.64	19.50
		1	5	18.29	18.40	18.28	19.50
		3	0	18.18	18.19	18.13	19.50
		3	2	18.37	18.44	18.43	19.50
		3	3	18.05	18.41	18.29	19.50
		6	0	18.44	18.31	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.14	19.49	19.57	20.50
		1	7	19.91	19.47	19.55	20.50
		1	14	19.47	19.75	19.30	20.50
		8	0	19.23	19.38	19.37	20.50
		8	4	19.71	19.47	19.57	20.50
		8	7	19.31	19.74	19.16	20.50
		15	0	19.42	19.45	19.44	20.50
	16QAM	1	0	19.49	19.53	19.59	20.50
		1	7	19.31	19.44	19.48	20.50
		1	14	19.32	19.37	19.55	20.50
		8	0	19.45	19.51	19.75	20.50
		8	4	19.46	19.71	19.68	20.50
		8	7	19.57	19.68	19.68	20.50
		15	0	19.34	19.29	19.38	20.50

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

	64QAM	1	0	19.57	19.42	19.57	20.50
		1	7	19.52	19.48	19.61	20.50
		1	14	19.54	19.61	19.47	20.50
		8	0	19.42	19.50	19.54	20.50
		8	4	19.68	19.54	19.37	20.50
		8	7	19.59	19.52	19.63	20.50
		15	0	19.49	19.55	19.24	20.50
	256QAM	1	0	17.85	18.22	18.26	19.50
		1	7	18.25	18.43	18.62	19.50
		1	14	18.33	18.39	18.22	19.50
		8	0	18.04	18.20	18.27	19.50
		8	4	18.26	18.35	18.51	19.50
		8	7	18.25	18.31	18.17	19.50
		15	0	18.42	18.26	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	19.32	19.44	19.53	20.50
		1	13	19.70	19.34	19.64	20.50
		1	24	19.51	19.63	19.30	20.50
		12	0	19.37	19.33	19.40	20.50
		12	6	19.67	19.52	19.53	20.50
		12	13	19.44	19.35	19.48	20.50
		25	0	19.42	19.38	19.57	20.50
	16QAM	1	0	19.52	19.35	19.75	20.50
		1	13	19.42	19.59	19.80	20.50
		1	24	19.56	19.84	19.64	20.50
		12	0	19.48	19.20	19.44	20.50
		12	6	19.44	19.67	19.43	20.50
		12	13	19.59	19.49	19.71	20.50
		25	0	19.41	19.49	19.45	20.50
	64QAM	1	0	19.49	20.36	19.91	20.50
		1	13	19.85	19.65	19.32	20.50
		1	24	19.66	19.51	19.34	20.50
		12	0	19.59	19.48	19.54	20.50
		12	6	19.47	19.48	19.50	20.50
		12	13	19.51	19.72	19.53	20.50
		25	0	19.46	19.35	19.37	20.50
	256QAM	1	0	17.98	18.29	18.15	19.50
		1	13	18.24	18.42	18.53	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.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	24	18.42	18.38	18.11	19.50
		12	0	18.14	18.16	18.20	19.50
		12	6	18.37	18.39	18.26	19.50
		12	13	18.16	18.24	18.35	19.50
		25	0	18.29	18.09	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	19.16	19.47	19.47	20.50
		1	25	19.90	19.41	19.53	20.50
		1	49	19.41	19.74	19.24	20.50
		25	0	19.26	19.51	19.38	20.50
		25	13	19.77	19.33	19.55	20.50
		25	25	19.40	19.67	19.14	20.50
		50	0	19.29	19.41	19.39	20.50
	16QAM	1	0	19.62	19.47	19.52	20.50
		1	25	19.35	19.46	19.62	20.50
		1	49	19.34	19.35	19.38	20.50
		25	0	19.44	19.42	19.66	20.50
		25	13	19.48	19.66	19.83	20.50
		25	25	19.68	19.77	19.56	20.50
		50	0	19.49	19.36	19.26	20.50
	64QAM	1	0	19.48	19.42	19.56	20.50
		1	25	19.68	19.53	19.67	20.50
		1	49	19.59	19.51	19.56	20.50
		25	0	19.46	19.32	19.54	20.50
		25	13	19.88	19.61	19.39	20.50
		25	25	19.48	19.40	19.63	20.50
		50	0	19.45	19.49	19.37	20.50
	256QAM	1	0	17.98	18.15	18.45	19.50
		1	25	18.12	18.41	18.58	19.50
		1	49	18.43	18.41	18.14	19.50
		25	0	18.18	18.33	18.21	19.50
		25	13	18.29	18.28	18.42	19.50
		25	25	18.10	18.30	18.19	19.50
		50	0	18.34	18.18	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	19.28	19.46	19.48	20.50
		1	38	19.79	19.32	19.48	20.50

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		1	74	19.40	19.85	19.32	20.50
		36	0	19.12	19.33	19.35	20.50
		36	18	19.83	19.31	19.53	20.50
		36	39	19.45	19.77	19.34	20.50
		75	0	19.31	19.37	19.41	20.50
	16QAM	1	0	19.59	19.40	19.56	20.50
		1	38	19.27	19.46	19.58	20.50
		1	74	19.43	19.30	19.36	20.50
		36	0	19.34	19.59	19.79	20.50
		36	18	19.42	19.67	19.80	20.50
		36	39	19.60	19.82	19.61	20.50
		75	0	19.33	19.38	19.36	20.50
	64QAM	1	0	19.55	19.48	19.58	20.50
		1	38	19.49	19.67	19.58	20.50
		1	74	19.61	19.55	19.56	20.50
		36	0	19.53	19.49	19.54	20.50
		36	18	19.76	19.52	19.48	20.50
		36	39	19.67	19.56	19.59	20.50
		75	0	19.54	19.47	19.31	20.50
	256QAM	1	0	17.84	18.16	18.41	19.50
		1	38	18.18	18.37	18.60	19.50
		1	74	18.41	18.46	18.10	19.50
		36	0	18.04	18.19	18.14	19.50
		36	18	18.26	18.33	18.49	19.50
		36	39	18.09	18.36	18.35	19.50
		75	0	18.42	18.16	18.44	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	19.15	19.39	19.44	20.50
		1	50	19.82	19.37	19.56	20.50
		1	99	19.46	19.90	19.35	20.50
		50	0	19.11	19.50	19.38	20.50
		50	25	19.72	19.40	19.41	20.50
		50	50	19.33	19.66	19.18	20.50
		100	0	19.39	19.32	19.42	20.50
	16QAM	1	0	19.54	19.56	19.48	20.50
		1	50	19.41	19.47	19.64	20.50
		1	99	19.45	19.28	19.56	20.50
		50	0	19.36	19.60	19.73	20.50

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		50	25	19.51	19.77	19.83	20.50
		50	50	19.52	19.79	19.69	20.50
		100	0	19.47	19.40	19.24	20.50
	64QAM	1	0	19.57	19.58	19.43	20.50
		1	50	19.60	19.62	19.64	20.50
		1	99	19.49	19.63	19.51	20.50
		50	0	19.47	19.44	19.54	20.50
		50	25	19.78	19.58	19.31	20.50
		50	50	19.59	19.52	19.48	20.50
		100	0	19.44	19.54	19.28	20.50
	256QAM	1	0	17.94	18.19	18.45	19.50
		1	50	18.11	18.40	18.62	19.50
		1	99	18.43	18.42	18.23	19.50
		50	0	18.04	18.15	18.24	19.50
		50	25	18.38	18.32	18.43	19.50
		50	50	18.24	18.24	18.21	19.50
		100	0	18.40	18.31	18.42	19.50

LTE Band 2 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	20.68	20.75	20.96	22.00
		1	2	21.16	20.72	20.88	22.00
		1	5	20.87	21.26	20.71	22.00
		3	0	20.52	20.90	20.73	22.00
		3	2	21.15	20.82	20.87	22.00
		3	3	20.82	21.04	20.57	22.00
		6	0	20.81	20.70	20.75	22.00
	16QAM	1	0	21.03	20.91	20.98	22.00
		1	2	20.78	20.85	21.05	22.00
		1	5	20.88	20.85	20.91	22.00
		3	0	20.79	20.98	21.23	22.00
		3	2	20.78	21.16	21.24	22.00
		3	3	21.08	21.06	20.98	22.00
		6	0	20.89	20.85	20.70	22.00
	64QAM	1	0	21.00	21.00	20.85	22.00
		1	2	21.00	20.96	21.00	22.00
		1	5	20.94	21.04	20.77	22.00

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		3	0	20.84	20.88	21.15	22.00
		3	2	21.09	20.92	21.84	22.00
		3	3	21.06	20.97	20.97	22.00
		6	0	20.18	20.32	19.99	21.50
	256QAM	1	0	17.93	18.21	18.32	19.50
		1	2	18.21	18.41	18.57	19.50
		1	5	18.39	18.27	18.27	19.50
		3	0	18.06	18.21	18.23	19.50
		3	2	18.33	18.45	18.43	19.50
		3	3	18.17	18.27	18.35	19.50
		6	0	18.42	18.12	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.70	20.73	20.88	22.00
		1	7	21.21	20.86	20.97	22.00
		1	14	20.77	21.20	20.83	22.00
		8	0	20.75	20.83	20.85	22.00
		8	4	21.09	20.98	20.93	22.00
		8	7	20.71	20.88	20.85	22.00
		15	0	20.78	20.66	20.86	22.00
	16QAM	1	0	20.82	20.84	21.06	22.00
		1	7	20.91	21.02	21.19	22.00
		1	14	20.99	21.01	20.96	22.00
		8	0	20.70	20.70	20.77	22.00
		8	4	20.73	20.82	20.88	22.00
		8	7	21.12	20.91	21.07	22.00
		15	0	20.86	21.07	20.83	22.00
	64QAM	1	0	20.92	21.90	21.10	22.00
		1	7	21.12	21.90	21.85	22.00
		1	14	20.86	21.89	21.82	22.00
		8	0	20.37	21.34	21.16	21.50
		8	4	20.26	21.19	21.47	21.50
		8	7	20.37	21.38	21.32	21.50
		15	0	20.27	21.24	21.12	21.50
	256QAM	1	0	17.98	18.31	18.40	19.50
		1	7	18.14	18.42	18.49	19.50
		1	14	18.44	18.45	18.10	19.50
		8	0	18.18	18.21	18.12	19.50
		8	4	18.30	18.38	18.40	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.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		8	7	18.17	18.29	18.44	19.50
		15	0	18.26	18.14	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.72	20.82	20.83	22.00
		1	13	21.09	20.86	21.09	22.00
		1	24	20.85	21.09	20.88	22.00
		12	0	20.70	20.84	20.82	22.00
		12	6	21.05	20.81	20.84	22.00
		12	13	20.88	20.80	20.95	22.00
		25	0	20.80	20.76	20.92	22.00
	16QAM	1	0	20.84	20.94	21.09	22.00
		1	13	20.85	21.10	21.12	22.00
		1	24	21.03	21.18	20.95	22.00
		12	0	20.89	20.60	20.82	22.00
		12	6	20.77	21.07	20.85	22.00
		12	13	21.06	20.92	21.15	22.00
		25	0	20.95	21.03	20.96	22.00
	64QAM	1	0	20.85	21.87	21.47	22.00
		1	13	21.28	21.36	21.83	22.00
		1	24	20.86	21.82	21.78	22.00
		12	0	20.26	21.30	21.17	21.50
		12	6	20.42	21.18	21.29	21.50
		12	13	20.36	21.43	21.36	21.50
		25	0	20.41	21.20	21.21	21.50
	256QAM	1	0	18.00	18.33	18.26	19.50
		1	13	18.14	18.33	18.65	19.50
		1	24	18.42	18.50	18.11	19.50
		12	0	18.06	18.25	18.21	19.50
		12	6	18.30	18.36	18.32	19.50
		12	13	18.16	18.30	18.36	19.50
		25	0	18.36	18.11	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.71	20.80	20.91	22.00
		1	25	21.16	20.66	20.85	22.00
		1	49	20.79	21.07	20.65	22.00
		25	0	20.86	20.74	20.84	22.00
		25	13	20.98	20.88	20.89	22.00

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

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		25	25	20.67	20.99	20.88	22.00
		50	0	20.88	20.74	20.79	22.00
	16QAM	1	0	20.91	20.82	21.03	22.00
		1	25	20.81	21.06	21.17	22.00
		1	49	21.08	21.16	20.89	22.00
		25	0	20.73	20.80	20.88	22.00
		25	13	20.83	20.93	20.88	22.00
		25	25	21.13	20.89	20.96	22.00
		50	0	20.97	21.04	20.85	22.00
	64QAM	1	0	20.92	21.76	21.79	22.00
		1	25	21.23	21.43	21.89	22.00
		1	49	21.00	21.76	21.81	22.00
		25	0	20.36	21.23	21.17	21.50
		25	13	20.33	21.10	21.34	21.50
		25	25	20.38	21.32	21.26	21.50
		50	0	20.31	21.30	21.14	21.50
	256QAM	1	0	17.84	18.26	18.26	19.50
		1	25	18.02	18.43	18.63	19.50
		1	49	18.56	18.30	18.20	19.50
		25	0	18.24	18.22	18.10	19.50
		25	13	18.36	18.40	18.36	19.50
		25	25	18.25	18.20	18.41	19.50
		50	0	18.31	18.17	18.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.77	20.78	20.72	22.00
		1	38	21.23	20.82	21.06	22.00
		1	74	20.81	21.13	20.82	22.00
		36	0	20.82	20.87	20.77	22.00
		36	18	20.90	20.76	21.02	22.00
		36	39	20.90	20.84	20.78	22.00
		75	0	20.83	20.83	20.77	22.00
	16QAM	1	0	20.90	20.79	21.05	22.00
		1	38	20.87	21.04	21.30	22.00
		1	74	20.88	21.01	20.89	22.00
		36	0	20.67	20.61	20.92	22.00
		36	18	20.91	20.84	20.81	22.00
		36	39	21.15	20.88	20.93	22.00
		75	0	20.89	21.02	20.92	22.00

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

	64QAM	1	0	20.82	20.91	21.46	22.00
		1	38	21.31	21.09	20.90	22.00
		1	74	20.87	20.93	20.82	22.00
		36	0	20.26	21.23	21.16	21.50
		36	18	20.38	21.14	21.22	21.50
		36	39	20.37	21.44	21.29	21.50
		75	0	20.19	21.12	21.31	21.50
	256QAM	1	0	17.94	18.18	18.26	19.50
		1	38	18.10	18.53	18.51	19.50
		1	74	18.44	18.34	18.20	19.50
		36	0	18.07	18.13	18.18	19.50
		36	18	18.41	18.25	18.41	19.50
		36	39	18.24	18.37	18.26	19.50
		75	0	18.41	18.13	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	20.72	20.76	20.92	22.00
		1	50	21.22	20.72	21.07	22.00
		1	99	20.79	21.18	20.80	22.00
		50	0	20.87	20.76	20.84	22.00
		50	25	20.96	20.94	20.93	22.00
		50	50	20.89	20.95	20.92	22.00
		100	0	20.94	20.75	20.91	22.00
	16QAM	1	0	20.85	20.97	21.16	22.00
		1	50	20.83	21.20	21.18	22.00
		1	99	21.05	21.19	21.02	22.00
		50	0	20.76	20.87	20.80	22.00
		50	25	20.82	20.86	21.00	22.00
		50	50	21.07	21.03	20.98	22.00
		100	0	20.97	20.97	20.98	22.00
	64QAM	1	0	20.96	20.84	21.46	22.00
		1	50	21.27	21.08	20.91	22.00
		1	99	20.93	20.98	20.95	22.00
		50	0	20.27	21.32	21.06	21.50
		50	25	20.41	21.27	21.46	21.50
		50	50	20.29	21.48	21.27	21.50
		100	0	20.33	21.36	21.26	21.50
	256QAM	1	0	18.07	18.30	18.27	19.50
		1	50	18.13	18.56	18.70	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.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	99	18.44	18.47	18.34	19.50
		50	0	18.19	18.20	18.09	19.50
		50	25	18.39	18.36	18.34	19.50
		50	50	18.15	18.28	18.28	19.50
		100	0	18.30	18.27	18.57	19.50

LTE Band 4 DSI 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	22.91	23.23	23.13	24.50
		1	2	23.65	23.39	23.36	24.50
		1	5	23.42	23.28	23.13	24.50
		3	0	22.92	23.22	23.09	24.50
		3	2	23.61	23.35	23.33	24.50
		3	3	23.44	23.25	23.04	24.50
		6	0	22.29	22.13	22.20	23.50
	16QAM	1	0	22.43	22.00	22.41	23.50
		1	2	22.27	22.36	22.26	23.50
		1	5	22.34	22.27	22.30	23.50
		3	0	22.10	22.24	22.29	23.50
		3	2	21.93	22.40	22.22	23.50
		3	3	22.24	22.46	22.04	23.50
		6	0	21.23	21.30	21.19	22.50
	64QAM	1	0	21.28	21.19	21.32	22.50
		1	2	21.42	21.24	21.28	22.50
		1	5	21.32	21.18	21.21	22.50
		3	0	21.54	21.66	20.99	22.50
		3	2	22.09	21.46	21.30	22.50
		3	3	22.13	21.60	21.48	22.50
		6	0	21.17	20.25	20.28	21.50
	256QAM	1	0	18.25	18.33	17.94	19.50
		1	2	18.28	18.23	17.88	19.50
		1	5	18.39	18.28	18.24	19.50
		3	0	18.07	18.12	18.38	19.50
		3	2	18.30	18.03	18.32	19.50
		3	3	18.32	18.32	18.32	19.50
		6	0	18.20	18.25	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

				19965	20175	20385	
3MHz	QPSK	1	0	22.90	23.16	23.13	24.50
		1	7	23.67	23.38	23.37	24.50
		1	14	23.37	23.24	23.18	24.50
		8	0	22.28	22.13	22.27	23.50
		8	4	22.34	22.09	22.32	23.50
		8	7	22.23	22.31	22.25	23.50
		15	0	22.31	22.21	22.19	23.50
	16QAM	1	0	22.04	22.13	22.19	23.50
		1	7	21.91	22.43	22.30	23.50
		1	14	22.15	22.48	22.00	23.50
		8	0	21.23	21.30	21.21	22.50
		8	4	21.32	21.19	21.32	22.50
		8	7	21.41	21.17	21.34	22.50
		15	0	21.24	21.17	21.28	22.50
	64QAM	1	0	21.44	21.73	21.04	22.50
		1	7	22.04	21.49	21.30	22.50
		1	14	22.15	21.64	21.41	22.50
		8	0	21.18	20.19	20.22	21.50
		8	4	21.34	20.28	20.33	21.50
		8	7	21.33	20.32	20.32	21.50
		15	0	21.32	20.11	20.28	21.50
	256QAM	1	0	18.21	18.34	17.99	19.50
		1	7	18.29	18.20	17.86	19.50
		1	14	18.28	18.32	18.14	19.50
		8	0	18.01	18.16	18.35	19.50
		8	4	18.26	18.11	18.34	19.50
		8	7	18.31	18.30	18.33	19.50
		15	0	18.23	18.15	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	22.95	23.25	23.06	24.50
		1	13	23.69	23.34	23.32	24.50
		1	24	23.49	23.30	23.13	24.50
		12	0	22.27	22.23	22.23	23.50
		12	6	22.42	22.10	22.35	23.50
		12	13	22.24	22.37	22.30	23.50
		25	0	22.34	22.27	22.20	23.50
	16QAM	1	0	22.02	22.23	22.27	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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		1	13	21.87	22.37	22.30	23.50
		1	24	22.26	22.45	22.05	23.50
		12	0	21.28	21.23	21.14	22.50
		12	6	21.32	21.22	21.35	22.50
		12	13	21.47	21.23	21.34	22.50
		25	0	21.29	21.22	21.24	22.50
	64QAM	1	0	21.54	21.63	21.00	22.50
		1	13	22.10	21.52	21.30	22.50
		1	24	22.16	21.56	21.39	22.50
		12	0	21.11	20.26	20.24	21.50
		12	6	21.26	20.28	20.23	21.50
		12	13	21.30	20.33	20.32	21.50
		25	0	21.31	20.07	20.19	21.50
	256QAM	1	0	18.28	18.25	17.95	19.50
		1	13	18.31	18.21	17.82	19.50
		1	24	18.33	18.25	18.24	19.50
		12	0	18.03	18.05	18.32	19.50
		12	6	18.24	18.12	18.42	19.50
		12	13	18.41	18.22	18.34	19.50
		25	0	18.21	18.20	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	22.92	23.15	23.11	24.50
		1	25	23.66	23.45	23.34	24.50
		1	49	23.45	23.18	23.12	24.50
		25	0	22.19	22.22	22.31	23.50
		25	13	22.33	22.01	22.35	23.50
		25	25	22.26	22.32	22.32	23.50
		50	0	22.26	22.19	22.27	23.50
	16QAM	1	0	22.08	22.20	22.19	23.50
		1	25	21.85	22.49	22.28	23.50
		1	49	22.25	22.40	21.97	23.50
		25	0	21.26	21.24	21.11	22.50
		25	13	21.32	21.17	21.28	22.50
		25	25	21.45	21.19	21.34	22.50
		50	0	21.26	21.13	21.30	22.50
	64QAM	1	0	21.43	21.66	21.06	22.50
		1	25	22.12	21.43	21.33	22.50
		1	49	22.21	21.60	21.49	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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		25	0	21.11	20.23	20.22	21.50
		25	13	21.34	20.26	20.33	21.50
		25	25	21.25	20.41	20.33	21.50
		50	0	21.36	20.01	20.24	21.50
	256QAM	1	0	18.25	18.28	17.97	19.50
		1	25	18.26	18.30	17.80	19.50
		1	49	18.39	18.21	18.18	19.50
		25	0	18.02	18.17	18.35	19.50
		25	13	18.33	18.06	18.42	19.50
		25	25	18.37	18.26	18.28	19.50
		50	0	18.21	18.24	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.89	23.14	23.12	24.50
		1	38	23.69	23.34	23.33	24.50
		1	74	23.41	23.23	23.18	24.50
		36	0	22.21	22.18	22.22	23.50
		36	18	22.39	22.12	22.34	23.50
		36	39	22.25	22.34	22.30	23.50
		75	0	22.35	22.24	22.29	23.50
	16QAM	1	0	22.02	22.14	22.28	23.50
		1	38	21.89	22.37	22.29	23.50
		1	74	22.25	22.47	22.06	23.50
		36	0	21.28	21.25	21.16	22.50
		36	18	21.27	21.14	21.34	22.50
		36	39	21.44	21.15	21.26	22.50
		75	0	21.28	21.23	21.28	22.50
	64QAM	1	0	21.48	21.68	21.09	22.50
		1	38	22.10	21.43	21.36	22.50
		1	74	22.12	21.60	21.41	22.50
		36	0	21.10	20.18	20.24	21.50
		36	18	21.30	20.25	20.24	21.50
		36	39	21.23	20.31	20.29	21.50
		75	0	21.32	20.12	20.28	21.50
	256QAM	1	0	18.25	18.32	18.00	19.50
		1	38	18.21	18.25	17.91	19.50
		1	74	18.39	18.28	18.22	19.50
		36	0	18.12	18.16	18.34	19.50
		36	18	18.27	18.11	18.40	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.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		36	39	18.34	18.27	18.27	19.50
		75	0	18.22	18.16	18.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.98	23.23	23.16	24.50
		1	50	23.68	23.44	23.36	24.50
		1	99	23.47	23.28	23.21	24.50
		50	0	22.27	22.23	22.29	23.50
		50	25	22.42	22.10	22.39	23.50
		50	50	22.32	22.36	22.30	23.50
		100	0	22.33	22.26	22.29	23.50
	16QAM	1	0	22.09	22.22	22.28	23.50
		1	50	21.93	22.47	22.28	23.50
		1	99	22.24	22.48	22.06	23.50
		50	0	21.30	21.28	21.20	22.50
		50	25	21.33	21.23	21.38	22.50
		50	50	21.47	21.23	21.32	22.50
		100	0	21.31	21.21	21.28	22.50
	64QAM	1	0	21.52	21.73	21.08	22.50
		1	50	22.13	21.52	21.34	22.50
		1	99	22.22	21.65	21.48	22.50
		50	0	21.18	20.25	20.31	21.50
		50	25	21.32	20.32	20.31	21.50
		50	50	21.32	20.40	20.36	21.50
		100	0	21.35	20.10	20.27	21.50
	256QAM	1	0	18.31	18.35	18.03	19.50
		1	50	18.29	18.30	17.89	19.50
		1	99	18.37	18.31	18.24	19.50
		50	0	18.11	18.15	18.37	19.50
		50	25	18.32	18.10	18.40	19.50
		50	50	18.40	18.32	18.37	19.50
		100	0	18.27	18.25	18.27	19.50

LTE Band 4 DSI 3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.61	18.01	18.06	19.50
		1	2	18.61	18.08	18.15	19.50

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

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	5	18.35	18	18	19.50
		3	0	17.76	18.22	17.82	19.50
		3	2	18.44	18.25	18.09	19.50
		3	3	18.4	17.93	17.82	19.50
		6	0	18.2	17.81	17.99	19.50
	16QAM	1	0	18.27	17.79	18.13	19.50
		1	2	18.18	18.15	17.97	19.50
		1	5	18.24	17.98	18.28	19.50
		3	0	17.86	18.12	18.19	19.50
		3	2	17.82	18.25	17.98	19.50
		3	3	18.23	18.3	18.02	19.50
		6	0	18.03	18.06	17.98	19.50
	64QAM	1	0	17.98	18.12	18.18	19.50
		1	2	18.31	18.09	17.95	19.50
		1	5	18.16	18.15	17.88	19.50
		3	0	18.53	18.64	17.85	19.50
		3	2	19.07	18.36	18.07	19.50
		3	3	19.06	18.28	18.22	19.50
		6	0	18.88	18.22	18.05	19.50
	256QAM	1	0	18.04	18.14	17.77	19.50
		1	2	18.2	18.22	17.59	19.50
		1	5	18.12	18.16	17.96	19.50
		3	0	17.91	17.93	18.04	19.50
		3	2	18.27	17.92	18.24	19.50
		3	3	18.28	18.28	18.08	19.50
		6	0	18.14	17.99	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.73	17.93	17.89	19.50
		1	7	18.5	18.05	18.28	19.50
		1	14	18.13	18.14	18.16	19.50
		8	0	18.18	18.06	18.18	19.50
		8	4	18.15	18.02	18.09	19.50
		8	7	18.13	18.01	18.22	19.50
		15	0	18	18.18	17.87	19.50
	16QAM	1	0	17.8	17.82	18.18	19.50
		1	7	17.73	18.36	17.98	19.50
		1	14	17.91	18.46	17.83	19.50
		8	0	18.15	18.25	18.15	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.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		8	4	17.96	17.97	18.32	19.50
		8	7	18.2	18.06	18.06	19.50
		15	0	18.08	18	18.24	19.50
	64QAM	1	0	18.33	18.37	17.7	19.50
		1	7	18.98	18.31	18.07	19.50
		1	14	19.1	18.58	18.37	19.50
		8	0	18.88	17.93	18.17	19.50
		8	4	19.08	18.06	18.01	19.50
		8	7	19.03	18.16	18.11	19.50
		15	0	19.05	17.83	17.99	19.50
	256QAM	1	0	18.02	18.22	17.66	19.50
		1	7	18.01	18.19	17.66	19.50
		1	14	18.21	18.22	17.92	19.50
		8	0	17.91	18.11	18.21	19.50
		8	4	17.98	18.07	18.13	19.50
		8	7	18.23	18.05	18.27	19.50
		15	0	18.18	17.82	18.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.64	17.98	17.97	19.50
		1	13	18.47	18.15	17.99	19.50
		1	24	18.2	18.28	17.96	19.50
		12	0	18.13	17.92	18.2	19.50
		12	6	18.14	17.78	18.21	19.50
		12	13	17.98	18.1	18.12	19.50
		25	0	18.18	18.16	17.85	19.50
	16QAM	1	0	17.94	18.21	18.13	19.50
		1	13	17.63	18.03	18.01	19.50
		1	24	17.94	18.17	17.97	19.50
		12	0	18.11	17.98	17.97	19.50
		12	6	18.09	18.22	18	19.50
		12	13	18.12	18.11	18.11	19.50
		25	0	18.17	18.01	18.01	19.50
	64QAM	1	0	18.34	18.3	18	19.50
		1	13	18.97	18.2	18.11	19.50
		1	24	18.92	18.53	18.07	19.50
		12	0	19	17.92	18.11	19.50
		12	6	19.14	18.04	18.17	19.50
		12	13	19.25	17.99	18.21	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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		25	0	19.31	17.74	18.06	19.50
	256QAM	1	0	18.02	18.2	17.95	19.50
		1	13	18.04	17.99	17.66	19.50
		1	24	18.25	17.93	17.89	19.50
		12	0	17.74	17.83	18.16	19.50
		12	6	17.97	17.76	18.26	19.50
		12	13	18.12	18.17	18.3	19.50
		25	0	17.93	18.05	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.92	18.14	18.01	19.50
		1	25	18.56	18.1	18.3	19.50
		1	49	18.29	17.91	18.07	19.50
		25	0	17.98	17.96	18.31	19.50
		25	13	18.09	17.98	18.22	19.50
		25	25	18.06	17.96	18.05	19.50
		50	0	18.17	18.16	17.96	19.50
	16QAM	1	0	17.76	17.88	17.87	19.50
		1	25	17.5	18.28	18.12	19.50
		1	49	18.05	18.07	17.62	19.50
		25	0	18.03	18.23	18.1	19.50
		25	13	18.03	17.88	18.04	19.50
		25	25	18.41	17.84	18.16	19.50
		50	0	17.97	17.92	18.27	19.50
	64QAM	1	0	18.23	18.58	17.96	19.50
		1	25	18.76	18.09	17.97	19.50
		1	49	18.95	18.4	18.39	19.50
		25	0	18.76	17.98	17.94	19.50
		25	13	19.19	18	18.29	19.50
		25	25	18.98	18.06	18.14	19.50
		50	0	19.11	17.85	18.14	19.50
	256QAM	1	0	18.21	17.96	17.88	19.50
		1	25	17.95	18.08	18.15	19.50
		1	49	18.31	18.17	18	19.50
		25	0	17.97	17.83	18.1	19.50
		25	13	17.97	17.81	18.1	19.50
		25	25	18.1	18.08	18	19.50
		50	0	18.1	18.24	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

				20025	20175	20325	
15MHz	QPSK	1	0	17.73	18.1	17.94	19.50
		1	38	18.5	18.13	18.21	19.50
		1	74	18.3	18.12	17.88	19.50
		36	0	18.1	18.09	18.13	19.50
		36	18	18.09	17.79	18.09	19.50
		36	39	17.94	18.1	17.95	19.50
		75	0	18.1	18.13	18.11	19.50
	16QAM	1	0	18.01	17.81	18.19	19.50
		1	38	17.56	18.28	18.11	19.50
		1	74	18.16	18.41	17.86	19.50
		36	0	18.06	18	17.83	19.50
		36	18	18.23	17.93	18.29	19.50
		36	39	18.27	17.97	17.93	19.50
		75	0	17.95	18.15	18.08	19.50
	64QAM	1	0	18.2	18.35	17.97	19.50
		1	38	19.06	18.18	18.24	19.50
		1	74	18.97	18.37	18.13	19.50
		36	0	18.8	17.85	18.23	19.50
		36	18	19.28	18.09	17.96	19.50
		36	39	19.19	18.11	18.17	19.50
		75	0	19.25	18.09	18.25	19.50
	256QAM	1	0	18.23	18.21	17.71	19.50
		1	38	17.86	18.13	17.72	19.50
		1	74	18.27	18.25	18.18	19.50
		36	0	17.83	17.87	18.19	19.50
		36	18	18.09	18.04	18.2	19.50
		36	39	18.15	18.22	18.27	19.50
		75	0	18.08	17.97	17.94	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.84	17.94	18.02	19.50
		1	50	18.43	18.11	18.14	19.50
		1	99	18.29	18.24	17.85	19.50
		50	0	18.01	18.14	18.23	19.50
		50	25	18.3	17.89	18.04	19.50
		50	50	18.3	18.36	18.3	19.50
		100	0	17.99	18.19	18.27	19.50
	16QAM	1	0	17.73	17.96	17.97	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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	50	17.6	18.42	18.15	19.50
		1	99	18.01	18.17	18.01	19.50
		50	0	18.01	18.21	17.97	19.50
		50	25	18.06	18.23	18.21	19.50
		50	50	18.19	17.95	18.18	19.50
		100	0	18	17.9	17.97	19.50
	64QAM	1	0	18.35	18.52	18	19.50
		1	50	19.13	18.27	18.16	19.50
		1	99	19.17	18.65	18.12	19.50
		50	0	18.94	18	18.09	19.50
		50	25	19	17.97	18.1	19.50
		50	50	19.27	18.06	18.15	19.50
		100	0	19.08	17.87	18	19.50
	256QAM	1	0	17.98	18.06	18.02	19.50
		1	50	18.18	18.21	17.73	19.50
		1	99	18.01	18.15	18.1	19.50
		50	0	17.77	18.01	18.07	19.50
		50	25	18.17	17.85	18.14	19.50
		50	50	18.2	18.12	18.04	19.50
		100	0	18.18	17.98	18.21	19.50

LTE Band 4 DSI 4				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	20.19	20.63	20.66	22.00
		1	2	21.03	20.96	20.68	22.00
		1	5	20.97	20.52	20.66	22.00
		3	0	20.4	20.56	20.61	22.00
		3	2	21.05	20.67	20.86	22.00
		3	3	20.78	20.56	20.53	22.00
		6	0	20.82	20.42	20.57	22.00
	16QAM	1	0	20.91	20.41	20.74	22.00
		1	2	20.66	20.94	20.63	22.00
		1	5	20.9	20.77	20.71	22.00
		3	0	20.58	20.67	20.87	22.00
		3	2	20.44	20.96	20.71	22.00
		3	3	20.63	20.8	20.63	22.00
		6	0	20.79	20.82	20.72	22.00

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

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

	64QAM	1	0	20.71	20.61	20.73	22.00
		1	2	20.88	20.84	20.83	22.00
		1	5	20.63	20.44	20.46	22.00
		3	0	21.13	21.07	20.46	22.00
		3	2	21.37	21.02	20.56	22.00
		3	3	21.62	21.03	20.88	22.00
		6	0	21.04	20.27	20.11	21.50
	256QAM	1	0	18.03	18.41	17.89	19.50
		1	2	18.31	18.17	17.97	19.50
		1	5	18.25	18.11	18.21	19.50
		3	0	18.07	18.15	18.33	19.50
		3	2	18.09	18.1	18.08	19.50
		3	3	18.18	18.28	18.1	19.50
		6	0	18	18.28	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	20.19	20.46	20.73	22.00
		1	7	21.17	20.85	20.87	22.00
		1	14	20.63	20.78	20.62	22.00
		8	0	20.83	20.45	20.7	22.00
		8	4	20.81	20.38	20.6	22.00
		8	7	20.8	20.64	20.68	22.00
		15	0	20.66	20.52	20.68	22.00
	16QAM	1	0	20.59	20.43	20.47	22.00
		1	7	20.27	21	20.75	22.00
		1	14	20.6	20.8	20.45	22.00
		8	0	20.81	20.86	20.63	22.00
		8	4	20.75	20.43	20.57	22.00
		8	7	20.85	20.71	20.75	22.00
		15	0	20.83	20.62	20.56	22.00
	64QAM	1	0	20.98	21.3	20.49	22.00
		1	7	21.51	21.02	20.76	22.00
		1	14	21.7	21.16	20.72	22.00
		8	0	21	20.03	20.21	21.50
		8	4	21.35	20.17	20.18	21.50
		8	7	21.37	20.39	20.17	21.50
		15	0	21.4	19.99	20.35	21.50
	256QAM	1	0	17.99	18.17	17.8	19.50
		1	7	18.08	18.11	17.67	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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	14	18.14	18.19	18.09	19.50
		8	0	18.04	17.99	18.39	19.50
		8	4	18.21	18.07	18.31	19.50
		8	7	18.17	18.22	18.17	19.50
		15	0	18.23	18.1	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.23	20.52	20.33	22.00
		1	13	21.21	20.68	20.87	22.00
		1	24	21.01	20.58	20.69	22.00
		12	0	20.75	20.74	20.56	22.00
		12	6	20.82	20.44	20.64	22.00
		12	13	20.55	20.86	20.66	22.00
		25	0	20.81	20.84	20.48	22.00
	16QAM	1	0	20.27	20.47	20.87	22.00
		1	13	20.2	20.64	20.71	22.00
		1	24	20.5	20.91	20.46	22.00
		12	0	20.65	20.53	20.71	22.00
		12	6	20.77	20.74	20.71	22.00
		12	13	20.88	20.76	20.73	22.00
		25	0	20.77	20.53	20.58	22.00
	64QAM	1	0	20.94	20.96	20.57	22.00
		1	13	21.67	21.07	20.9	22.00
		1	24	21.51	21.15	20.8	22.00
		12	0	21.03	20.13	20.24	21.50
		12	6	21.2	20.1	20.29	21.50
		12	13	21.04	20.14	20.38	21.50
		25	0	21.26	19.87	20.02	21.50
	256QAM	1	0	18.05	18.29	18.04	19.50
		1	13	18.15	18.12	17.77	19.50
		1	24	18.22	18.23	18.28	19.50
		12	0	17.78	18.02	18.06	19.50
		12	6	18	17.93	18.35	19.50
		12	13	18.42	18.17	18.24	19.50
		25	0	18.15	18.04	17.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.38	20.47	20.6	22.00
		1	25	21.03	20.83	20.9	22.00

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	49	20.69	20.56	20.39	22.00
		25	0	20.75	20.62	20.81	22.00
		25	13	20.79	20.5	20.68	22.00
		25	25	20.52	20.62	20.85	22.00
		50	0	20.65	20.53	20.56	22.00
	16QAM	1	0	20.54	20.63	20.76	22.00
		1	25	20.42	20.92	20.67	22.00
		1	49	20.61	20.86	20.3	22.00
		25	0	20.77	20.82	20.59	22.00
		25	13	20.69	20.76	20.73	22.00
		25	25	20.98	20.49	20.62	22.00
		50	0	20.8	20.39	20.6	22.00
	64QAM	1	0	20.69	21.04	20.34	22.00
		1	25	21.49	20.73	20.74	22.00
		1	49	21.62	21.15	20.84	22.00
		25	0	21.04	20.13	20.14	21.50
		25	13	21.23	20.12	20.2	21.50
		25	25	21.08	20.5	20.36	21.50
		50	0	21.17	19.97	20.25	21.50
	256QAM	1	0	18.07	18.35	17.77	19.50
		1	25	18.21	18.04	17.62	19.50
		1	49	18.16	17.96	18.1	19.50
		25	0	18	18	18.37	19.50
		25	13	18.09	17.97	18.25	19.50
		25	25	18.31	18.27	18.31	19.50
		50	0	18.16	18.18	18.07	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	20.2	20.69	20.41	22.00
		1	38	20.96	20.66	20.87	22.00
		1	74	20.69	20.78	20.42	22.00
		36	0	20.73	20.55	20.52	22.00
		36	18	20.64	20.65	20.58	22.00
		36	39	20.67	20.86	20.59	22.00
		75	0	20.76	20.5	20.86	22.00
	16QAM	1	0	20.57	20.67	20.85	22.00
		1	38	20.21	20.73	20.79	22.00
		1	74	20.62	20.81	20.4	22.00
		36	0	20.59	20.72	20.6	22.00

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		36	18	20.6	20.39	20.83	22.00
		36	39	20.88	20.41	20.76	22.00
		75	0	20.75	20.61	20.74	22.00
	64QAM	1	0	21.01	21.22	20.62	22.00
		1	38	21.55	20.89	20.68	22.00
		1	74	21.4	21.12	20.85	22.00
		36	0	21.13	19.95	20.02	21.50
		36	18	21.1	20.33	20.17	21.50
		36	39	21.07	20.39	20.32	21.50
		75	0	21.42	20.19	20.23	21.50
	256QAM	1	0	18.32	18.19	17.91	19.50
		1	38	18.01	18.21	17.98	19.50
		1	74	18.25	18.34	18.1	19.50
		36	0	17.89	18.2	18.13	19.50
		36	18	18.07	18.15	18.23	19.50
		36	39	18.14	18.28	18.25	19.50
		75	0	18.25	18.25	18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.38	20.76	20.62	22.00
		1	50	21.12	21	20.6	22.00
		1	99	20.72	20.56	20.81	22.00
		50	0	20.57	20.55	20.71	22.00
		50	25	20.71	20.62	20.84	22.00
		50	50	20.64	20.81	20.67	22.00
		100	0	20.7	20.56	20.56	22.00
	16QAM	1	0	20.42	20.54	20.57	22.00
		1	50	20.37	21	20.6	22.00
		1	99	20.48	20.9	20.6	22.00
		50	0	20.61	20.81	20.48	22.00
		50	25	20.9	20.75	20.69	22.00
		50	50	20.88	20.77	20.58	22.00
		100	0	20.68	20.56	20.71	22.00
	64QAM	1	0	21.09	21.15	20.45	22.00
		1	50	21.39	20.79	20.78	22.00
		1	99	21.49	21.11	20.97	22.00
		50	0	21.15	20.26	20.09	21.50
		50	25	21.22	20.38	20.28	21.50
		50	50	21.41	20.17	20.22	21.50

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		100	0	21.45	20.01	20.17	21.50
	256QAM	1	0	18.32	18.29	17.78	19.50
		1	50	18.08	18.38	17.86	19.50
		1	99	18.35	18.41	18.1	19.50
		50	0	18.02	18.12	18.32	19.50
		50	25	18.14	18.13	18.15	19.50
		50	50	18.36	18.24	18.3	19.50
		100	0	18.1	18.09	18.07	19.50

LTE Band 7 DSI 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	23.16	23.94	23.59	24.50
		1	13	23.53	23.35	24.09	24.50
		1	24	23.47	24.08	23.57	24.50
		12	0	22.36	22.68	22.83	23.50
		12	6	22.40	22.73	22.75	23.50
		12	13	22.45	22.82	22.73	23.50
		25	0	22.48	22.81	22.93	23.50
	16QAM	1	0	22.30	22.91	22.76	23.50
		1	13	22.42	22.99	22.71	23.50
		1	24	22.58	23.05	23.09	23.50
		12	0	21.48	21.75	21.91	22.50
		12	6	21.49	21.78	21.80	22.50
		12	13	21.39	21.60	21.66	22.50
		25	0	21.33	21.74	21.89	22.50
	64QAM	1	0	21.71	21.49	21.66	22.50
		1	13	21.35	21.54	21.53	22.50
		1	24	21.43	21.30	21.44	22.50
		12	0	20.11	20.60	20.75	21.50
		12	6	20.50	20.75	20.87	21.50
		12	13	20.26	20.91	20.63	21.50
		25	0	20.32	20.74	20.77	21.50
	256QAM	1	0	18.16	18.57	18.80	19.50
		1	13	18.35	18.85	19.13	19.50
		1	24	18.33	18.78	18.81	19.50
		12	0	18.45	18.69	18.66	19.50
		12	6	18.44	18.79	18.65	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.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		12	13	18.47	18.78	18.79	19.50
		25	0	18.34	18.79	18.79	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.27	23.96	23.54	24.50
		1	25	23.51	23.47	24.03	24.50
		1	49	23.44	24.09	23.57	24.50
		25	0	22.46	22.73	22.83	23.50
		25	13	22.38	22.73	22.68	23.50
		25	25	22.48	22.87	22.76	23.50
		50	0	22.50	22.69	22.93	23.50
	16QAM	1	0	22.21	22.91	22.77	23.50
		1	25	22.42	22.94	22.73	23.50
		1	49	22.53	23.06	23.03	23.50
		25	0	21.44	21.71	21.91	22.50
		25	13	21.46	21.87	21.90	22.50
		25	25	21.38	21.64	21.66	22.50
		50	0	21.40	21.70	21.86	22.50
	64QAM	1	0	21.74	21.48	21.55	22.50
		1	25	21.38	21.60	21.52	22.50
		1	49	21.41	21.39	21.40	22.50
		25	0	20.01	20.56	20.73	21.50
		25	13	20.42	20.73	20.79	21.50
		25	25	20.28	20.88	20.69	21.50
		50	0	20.29	20.68	20.83	21.50
	256QAM	1	0	18.04	18.60	18.86	19.50
		1	25	18.39	18.86	19.18	19.50
		1	49	18.37	18.71	18.73	19.50
		25	0	18.48	18.77	18.67	19.50
		25	13	18.38	18.82	18.66	19.50
		25	25	18.46	18.87	18.80	19.50
		50	0	18.31	18.81	18.79	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.26	23.90	23.62	24.50
		1	38	23.52	23.40	24.11	24.50
		1	74	23.37	24.10	23.54	24.50
		36	0	22.40	22.72	22.77	23.50
		36	18	22.38	22.74	22.74	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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		36	39	22.53	22.85	22.66	23.50
		75	0	22.43	22.76	22.84	23.50
	16QAM	1	0	22.24	22.93	22.84	23.50
		1	38	22.39	22.91	22.65	23.50
		1	74	22.50	23.03	23.00	23.50
		36	0	21.45	21.77	21.80	22.50
		36	18	21.54	21.87	21.90	22.50
		36	39	21.43	21.63	21.63	22.50
		75	0	21.34	21.78	21.93	22.50
	64QAM	1	0	21.63	21.57	21.59	22.50
		1	38	21.41	21.59	21.53	22.50
		1	74	21.51	21.34	21.51	22.50
		36	0	20.01	20.64	20.72	21.50
		36	18	20.42	20.79	20.88	21.50
		36	39	20.27	20.81	20.73	21.50
		75	0	20.39	20.77	20.78	21.50
	256QAM	1	0	18.04	18.63	18.82	19.50
		1	38	18.46	18.89	19.07	19.50
		1	74	18.33	18.82	18.76	19.50
		36	0	18.51	18.67	18.70	19.50
		36	18	18.38	18.78	18.62	19.50
		36	39	18.50	18.79	18.74	19.50
		75	0	18.30	18.74	18.83	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.25	23.95	23.63	24.50
		1	50	23.53	23.45	24.10	24.50
		1	99	23.47	24.17	23.55	24.50
		50	0	22.44	22.71	22.85	23.50
		50	25	22.46	22.74	22.76	23.50
		50	50	22.51	22.85	22.74	23.50
		100	0	22.48	22.79	22.91	23.50
	16QAM	1	0	22.28	22.99	22.82	23.50
		1	50	22.41	22.98	22.74	23.50
		1	99	22.56	23.12	23.07	23.50
		50	0	21.53	21.79	21.90	22.50
		50	25	21.53	21.85	21.90	22.50
		50	50	21.43	21.70	21.66	22.50
		100	0	21.42	21.78	21.93	22.50

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

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

	64QAM	1	0	21.72	21.57	21.64	22.50
		1	50	21.41	21.59	21.52	22.50
		1	99	21.51	21.37	21.49	22.50
		50	0	20.09	20.65	20.75	21.50
		50	25	20.48	20.80	20.87	21.50
		50	50	20.29	20.90	20.73	21.50
		100	0	20.39	20.77	20.84	21.50
	256QAM	1	0	18.14	18.67	18.89	19.50
		1	50	18.44	18.92	19.17	19.50
		1	99	18.42	18.81	18.83	19.50
		50	0	18.53	18.75	18.69	19.50
		50	25	18.48	18.88	18.66	19.50
		50	50	18.50	18.86	18.78	19.50
		100	0	18.38	18.80	18.82	19.50

LTE Band 7 DSI 3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	16.39	17.21	16.78	18.00
		1	13	16.92	16.66	17.47	18.00
		1	24	16.52	17.48	16.76	18.00
		12	0	16.47	16.92	17.19	18.00
		12	6	16.75	16.95	17.05	18.00
		12	13	16.64	17.10	16.96	18.00
		25	0	16.81	16.89	17.24	18.00
	16QAM	1	0	16.37	17.25	17.16	18.00
		1	13	16.53	17.17	16.92	18.00
		1	24	16.96	17.12	17.45	18.00
		12	0	16.59	17.05	16.97	18.00
		12	6	16.59	16.94	16.93	18.00
		12	13	16.46	16.95	16.81	18.00
		25	0	16.65	16.98	17.23	18.00
	64QAM	1	0	16.77	16.66	16.98	18.00
		1	13	16.45	16.83	16.89	18.00
		1	24	16.52	16.54	16.71	18.00
		12	0	16.17	16.69	16.88	18.00
		12	6	16.83	16.99	17.14	18.00
		12	13	16.59	17.14	16.77	18.00

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Technical Services & EMC 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.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		25	0	16.42	16.92	17.02	18.00
	256QAM	1	0	16.50	16.68	16.90	18.00
		1	13	16.75	17.25	17.40	18.00
		1	24	16.41	16.89	17.19	18.00
		12	0	16.74	16.82	16.75	18.00
		12	6	16.63	16.89	16.91	18.00
		12	13	16.67	17.12	17.19	18.00
		25	0	16.39	16.87	17.04	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.46	17.04	16.94	18.00
		1	25	16.85	16.57	17.37	18.00
		1	49	16.64	17.34	16.79	18.00
		25	0	16.73	16.95	17.19	18.00
		25	13	16.72	16.98	16.88	18.00
		25	25	16.78	17.03	16.92	18.00
		50	0	16.64	16.78	17.17	18.00
	16QAM	1	0	16.44	17.31	16.86	18.00
		1	25	16.61	17.01	17.05	18.00
		1	49	16.59	17.35	17.39	18.00
		25	0	16.76	17.04	17.31	18.00
		25	13	16.86	17.17	17.09	18.00
		25	25	16.69	16.95	16.93	18.00
		50	0	16.75	16.95	17.22	18.00
	64QAM	1	0	16.9	16.54	16.59	18.00
		1	25	16.46	16.91	16.73	18.00
		1	49	16.69	16.77	16.54	18.00
		25	0	16.21	16.95	16.9	18.00
		25	13	16.7	16.85	17.12	18.00
		25	25	16.67	16.93	16.85	18.00
		50	0	16.49	16.89	17.13	18.00
	256QAM	1	0	16.26	16.95	16.95	18.00
		1	25	16.55	17.13	17.5	18.00
		1	49	16.6	17.09	16.78	18.00
		25	0	16.76	16.89	16.99	18.00
		25	13	16.76	17.17	16.75	18.00
		25	25	16.81	16.98	17.11	18.00
		50	0	16.64	17.05	17.07	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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

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

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

中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

				20825	21100	21375	
15MHz	QPSK	1	0	16.55	17.13	16.96	18.00
		1	38	16.72	16.56	17.46	18.00
		1	74	16.51	17.35	16.63	18.00
		36	0	16.51	16.81	16.96	18.00
		36	18	16.59	16.79	16.91	18.00
		36	39	16.82	17.14	16.99	18.00
		75	0	16.78	16.89	16.94	18.00
	16QAM	1	0	16.42	17.01	16.93	18.00
		1	38	16.71	16.95	17.04	18.00
		1	74	16.74	17.19	17.11	18.00
		36	0	16.59	17.01	16.85	18.00
		36	18	16.66	17.08	16.94	18.00
		36	39	16.6	16.68	16.8	18.00
		75	0	16.56	17.02	17.26	18.00
	64QAM	1	0	16.95	16.79	16.85	18.00
		1	38	16.54	16.97	16.82	18.00
		1	74	16.88	16.57	16.86	18.00
		36	0	16.2	16.96	16.97	18.00
		36	18	16.47	16.9	17.06	18.00
		36	39	16.51	16.88	16.92	18.00
		75	0	16.67	17	17	18.00
	256QAM	1	0	16.19	16.74	17.14	18.00
		1	38	16.66	17.18	17.27	18.00
		1	74	16.58	17.01	17.16	18.00
		36	0	16.58	16.89	17	18.00
		36	18	16.46	17.06	16.96	18.00
		36	39	16.82	17.05	16.94	18.00
		75	0	16.35	16.78	16.95	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.5	17.15	16.9	18.00
		1	50	16.63	16.8	17.49	18.00
		1	99	16.87	17.57	16.93	18.00
		50	0	16.84	16.76	17	18.00
		50	25	16.79	16.79	16.82	18.00
		50	50	16.55	17.07	17.14	18.00
		100	0	16.81	17.05	17.03	18.00
	16QAM	1	0	16.44	17.39	16.97	18.00

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		1	50	16.77	17.28	17.03	18.00
		1	99	16.69	17.25	17.43	18.00
		50	0	16.58	17.07	17.27	18.00
		50	25	16.57	16.96	17.07	18.00
		50	50	16.66	16.82	16.93	18.00
		100	0	16.62	17.11	16.97	18.00
	64QAM	1	0	17.11	16.73	16.97	18.00
		1	50	16.81	16.71	16.9	18.00
		1	99	16.88	16.72	16.57	18.00
		50	0	16.22	16.72	17.01	18.00
		50	25	16.66	17.14	17.24	18.00
		50	50	16.66	17	16.78	18.00
		100	0	16.64	16.84	16.94	18.00
	256QAM	1	0	16.36	17.02	17.28	18.00
		1	50	16.81	17.18	17.41	18.00
		1	99	16.57	17.12	17.12	18.00
		50	0	16.9	16.87	16.84	18.00
		50	25	16.79	17.03	17.04	18.00
		50	50	16.56	17.06	17.18	18.00
		100	0	16.69	16.99	17.1	18.00

LTE Band 7 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	19.93	20.99	20.42	21.50
		1	13	20.29	20.45	21.1	21.50
		1	24	20.47	20.83	20.32	21.50
		12	0	20.33	20.52	20.64	21.50
		12	6	20.28	20.81	20.85	21.50
		12	13	20.55	20.91	20.49	21.50
		25	0	20.28	20.7	20.74	21.50
	16QAM	1	0	20.24	20.68	20.54	21.50
		1	13	20.48	21.04	20.54	21.50
		1	24	20.59	20.84	20.84	21.50
		12	0	20.53	20.55	20.96	21.50
		12	6	20.44	20.56	20.79	21.50
		12	13	20.37	20.55	20.54	21.50
		25	0	20.34	20.53	20.85	21.50

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

	64QAM	1	0	20.63	20.25	20.67	21.50
		1	13	20.25	20.53	20.58	21.50
		1	24	20.18	20.4	20.46	21.50
		12	0	20.05	20.6	20.6	21.50
		12	6	20.38	20.59	20.97	21.50
		12	13	20.28	20.76	20.57	21.50
		25	0	20.16	20.8	20.81	21.50
	256QAM	1	0	18.18	18.55	18.55	19.50
		1	13	18.25	18.84	19.04	19.50
		1	24	18.09	18.55	18.56	19.50
		12	0	18.47	18.75	18.47	19.50
		12	6	18.21	18.61	18.62	19.50
		12	13	18.29	18.77	18.75	19.50
		25	0	18.16	18.86	18.72	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	20.02	20.86	20.45	21.50
		1	25	20.31	20.45	21.07	21.50
		1	49	20.23	20.99	20.6	21.50
		25	0	20.33	20.73	20.76	21.50
		25	13	20.28	20.82	20.53	21.50
		25	25	20.44	20.72	20.76	21.50
		50	0	20.49	20.44	20.81	21.50
	16QAM	1	0	20.08	20.86	20.7	21.50
		1	25	20.5	21	20.83	21.50
		1	49	20.4	20.94	21.1	21.50
		25	0	20.5	20.62	20.9	21.50
		25	13	20.45	20.79	20.92	21.50
		25	25	20.15	20.56	20.67	21.50
		50	0	20.38	20.72	20.67	21.50
	64QAM	1	0	20.73	20.28	20.34	21.50
		1	25	20.23	20.56	20.62	21.50
		1	49	20.4	20.37	20.41	21.50
		25	0	19.88	20.3	20.48	21.50
		25	13	20.33	20.58	20.83	21.50
		25	25	20.05	20.96	20.75	21.50
		50	0	20.26	20.68	20.75	21.50
	256QAM	1	0	17.9	18.62	18.83	19.50
		1	25	18.43	18.92	19.28	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.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	49	18.37	18.81	18.55	19.50
		25	0	18.56	18.75	18.42	19.50
		25	13	18.4	18.85	18.5	19.50
		25	25	18.54	18.66	18.72	19.50
		50	0	18.22	18.88	18.64	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.32	20.76	20.67	21.50
		1	38	20.57	20.48	21.02	21.50
		1	74	20.28	21.1	20.28	21.50
		36	0	20.41	20.74	20.54	21.50
		36	18	20.45	20.48	20.54	21.50
		36	39	20.35	20.93	20.55	21.50
		75	0	20.24	20.81	20.79	21.50
	16QAM	1	0	20.22	20.71	20.83	21.50
		1	38	20.17	21	20.41	21.50
		1	74	20.31	21.13	21.09	21.50
		36	0	20.3	20.85	20.8	21.50
		36	18	20.57	20.94	20.9	21.50
		36	39	20.39	20.66	20.38	21.50
		75	0	20.35	20.76	20.67	21.50
	64QAM	1	0	20.65	20.47	20.62	21.50
		1	38	20.24	20.64	20.48	21.50
		1	74	20.41	20.36	20.53	21.50
		36	0	19.98	20.54	20.8	21.50
		36	18	20.25	20.62	20.64	21.50
		36	39	20.17	20.85	20.81	21.50
		75	0	20.41	20.54	20.84	21.50
	256QAM	1	0	17.78	18.42	18.6	19.50
		1	38	18.46	18.7	18.98	19.50
		1	74	18.37	18.9	18.78	19.50
		36	0	18.29	18.76	18.7	19.50
		36	18	18.31	18.8	18.59	19.50
		36	39	18.27	18.89	18.5	19.50
		75	0	18.17	18.55	18.77	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20	21	20.62	21.50
		1	50	20.35	20.49	20.86	21.50

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

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

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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	99	20.46	21.26	20.31	21.50
		50	0	20.47	20.67	20.65	21.50
		50	25	20.5	20.61	20.59	21.50
		50	50	20.29	20.77	20.78	21.50
		100	0	20.53	20.65	20.76	21.50
	16QAM	1	0	20.35	20.91	20.66	21.50
		1	50	20.4	21.06	20.64	21.50
		1	99	20.61	21.05	21.04	21.50
		50	0	20.63	20.89	20.73	21.50
		50	25	20.28	20.85	20.87	21.50
		50	50	20.4	20.78	20.55	21.50
		100	0	20.43	20.53	20.69	21.50
	64QAM	1	0	20.76	20.31	20.63	21.50
		1	50	20.22	20.63	20.48	21.50
		1	99	20.28	20.27	20.35	21.50
		50	0	20.07	20.61	20.81	21.50
		50	25	20.25	20.8	20.64	21.50
		50	50	20.38	20.93	20.83	21.50
		100	0	20.25	20.71	20.72	21.50
	256QAM	1	0	17.89	18.54	18.69	19.50
		1	50	18.22	18.97	18.96	19.50
		1	99	18.52	18.76	18.7	19.50
		50	0	18.4	18.79	18.68	19.50
		50	25	18.48	18.69	18.69	19.50
		50	50	18.34	18.78	18.58	19.50
		100	0	18.28	18.86	18.73	19.50

LTE Band 25 DSI 0				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 26047	Channel 26365	Channel 26683	Tune up
1.4MHz	QPSK	1	0	23.95	23.96	23.87	24.50
		1	2	24.08	24.02	23.50	24.50
		1	5	23.91	23.74	23.57	24.50
		3	0	23.83	23.74	23.52	24.50
		3	2	23.75	23.73	23.42	24.50
		3	3	23.71	23.68	23.41	24.50
		6	0	22.33	22.88	22.79	23.50
	16QAM	1	0	22.63	22.89	22.75	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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		1	2	22.89	22.91	22.88	23.50
		1	5	22.78	22.77	22.94	23.50
		3	0	22.66	21.94	22.14	23.50
		3	2	22.94	22.68	22.82	23.50
		3	3	23.16	22.46	22.38	23.50
		6	0	21.86	21.83	21.81	22.50
	64QAM	1	0	21.92	21.82	21.93	22.50
		1	2	21.79	21.97	21.87	22.50
		1	5	21.95	21.76	21.79	22.50
		3	0	22.08	21.85	22.06	22.50
		3	2	21.82	21.44	21.89	22.50
		3	3	21.57	21.82	21.90	22.50
		6	0	20.48	20.90	20.71	21.50
	256QAM	1	0	18.77	18.45	18.67	19.50
		1	2	18.74	18.86	18.93	19.50
		1	5	18.95	18.81	18.83	19.50
		3	0	18.76	18.35	18.56	19.50
		3	2	18.96	18.87	18.81	19.50
		3	3	18.98	18.79	18.98	19.50
		6	0	18.91	18.94	18.78	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 26055	Channel 26365	Channel 26675	Tune up
3MHz	QPSK	1	0	24.00	23.93	23.83	24.50
		1	7	24.08	24.05	23.46	24.50
		1	14	23.94	23.67	23.53	24.50
		8	0	22.27	22.88	22.81	23.50
		8	4	22.59	22.93	22.82	23.50
		8	7	22.82	22.91	22.83	23.50
		15	0	22.75	22.83	22.90	23.50
	16QAM	1	0	22.68	22.02	22.17	23.50
		1	7	22.92	22.74	22.76	23.50
		1	14	23.06	22.49	22.27	23.50
		8	0	21.89	21.79	21.85	22.50
		8	4	21.97	21.79	21.87	22.50
		8	7	21.80	21.90	21.88	22.50
		15	0	21.96	21.81	21.83	22.50
	64QAM	1	0	22.13	21.82	22.04	22.50
		1	7	21.86	21.50	21.97	22.50
		1	14	21.57	21.90	21.82	22.50

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

		8	0	20.47	20.82	20.75	21.50
		8	4	20.82	20.80	20.87	21.50
		8	7	20.88	20.83	20.97	21.50
		15	0	20.90	20.84	20.91	21.50
	256QAM	1	0	18.76	18.54	18.62	19.50
		1	7	18.78	18.97	18.99	19.50
		1	14	18.94	18.81	18.73	19.50
		8	0	18.78	18.33	18.57	19.50
		8	4	18.89	18.90	18.82	19.50
		8	7	18.91	18.85	18.93	19.50
		15	0	18.87	18.95	18.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	23.92	23.96	23.84	24.50
		1	13	24.01	24.06	23.50	24.50
		1	24	23.96	23.64	23.55	24.50
		12	0	22.29	22.90	22.73	23.50
		12	6	22.60	22.89	22.79	23.50
		12	13	22.94	22.92	22.86	23.50
		25	0	22.73	22.80	22.84	23.50
	16QAM	1	0	22.67	21.91	22.15	23.50
		1	13	22.96	22.71	22.75	23.50
		1	24	23.13	22.46	22.33	23.50
		12	0	21.85	21.79	21.90	22.50
		12	6	21.90	21.79	21.90	22.50
		12	13	21.82	21.90	21.92	22.50
		25	0	21.88	21.83	21.83	22.50
	64QAM	1	0	22.11	21.92	21.98	22.50
		1	13	21.80	21.49	22.00	22.50
		1	24	21.55	21.87	21.87	22.50
		12	0	20.51	20.86	20.65	21.50
		12	6	20.90	20.78	20.86	21.50
		12	13	20.98	20.89	20.94	21.50
		25	0	20.80	20.77	20.89	21.50
	256QAM	1	0	18.76	18.52	18.64	19.50
		1	13	18.74	18.94	19.00	19.50
		1	24	18.96	18.83	18.82	19.50
		12	0	18.77	18.38	18.58	19.50
		12	6	18.86	18.84	18.85	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.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

		12	13	18.89	18.81	18.92	19.50
		25	0	18.89	18.85	18.86	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	23.94	23.94	23.88	24.50
		1	25	24.03	24.09	23.51	24.50
		1	49	23.92	23.63	23.48	24.50
		25	0	22.30	22.82	22.81	23.50
		25	13	22.61	22.84	22.75	23.50
		25	25	22.87	22.91	22.80	23.50
		50	0	22.67	22.87	22.93	23.50
	16QAM	1	0	22.58	22.00	22.13	23.50
		1	25	23.02	22.68	22.78	23.50
		1	49	23.13	22.50	22.37	23.50
		25	0	21.84	21.79	21.91	22.50
		25	13	21.90	21.77	21.82	22.50
		25	25	21.85	21.98	21.94	22.50
		50	0	21.89	21.87	21.80	22.50
	64QAM	1	0	22.10	21.85	22.03	22.50
		1	25	21.89	21.44	21.89	22.50
		1	49	21.54	21.91	21.91	22.50
		25	0	20.55	20.82	20.66	21.50
		25	13	20.94	20.85	20.79	21.50
		25	25	20.97	20.84	20.92	21.50
		50	0	20.87	20.76	20.81	21.50
	256QAM	1	0	18.79	18.48	18.62	19.50
		1	25	18.82	18.88	19.00	19.50
		1	49	18.92	18.86	18.72	19.50
		25	0	18.84	18.41	18.67	19.50
		25	13	18.86	18.90	18.89	19.50
		25	25	19.00	18.90	18.92	19.50
		50	0	18.87	18.90	18.74	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	23.96	24.01	23.79	24.50
		1	38	24.08	24.01	23.51	24.50
		1	74	23.98	23.66	23.50	24.50
		36	0	22.34	22.86	22.72	23.50
		36	18	22.62	22.81	22.83	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

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

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)