



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

Report No.: SZCR240100038409

Rev.: 01

Page: 1 of 471

Appendix B.34

NR Band n7



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

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

518057 邮编: 518057

t (86-755) 26012053
t (86-755) 26012053
www.ssgroup.com.cn
sgs.china@sgs.com



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

Report No.: SZCR240100038409

Rev.: 01

Page: 2 of 471

1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_5MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n7 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	23.36	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	23.49	/	/	25.69	/	/	<=33	Pass
		Outer_Full	23.30	/	/	25.5	/	/	<=33	Pass
		Inner_Full	23.32	/	/	25.52	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Right	23.39	/	/	25.59	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.37	/	/	25.57	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	25.49	/	/	<=33	Pass
		Outer_Full	23.33	/	/	25.53	/	/	<=33	Pass
		Inner_Full	23.28	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	25.5	/	/	<=33	Pass
		Inner_1RB_Right	23.23	/	/	25.43	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	23.45	/	/	25.65	/	/	<=33	Pass
		Edge_1RB_Right	23.57	/	/	25.77	/	/	<=33	Pass
		Outer_Full	23.53	/	/	25.73	/	/	<=33	Pass
		Inner_Full	23.50	/	/	25.7	/	/	<=33	Pass
		Inner_1RB_Left	23.43	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	25.81	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	22.86	/	/	25.06	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	25.16	/	/	<=33	Pass
		Outer_Full	21.39	/	/	23.59	/	/	<=33	Pass
		Inner_Full	23.43	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	23.36	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	25.53	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.81	/	/	25.01	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	24.9	/	/	<=33	Pass
		Outer_Full	21.24	/	/	23.44	/	/	<=33	Pass
		Inner_Full	23.23	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	25.4	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.87	/	/	25.07	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	25.29	/	/	<=33	Pass
		Outer_Full	21.49	/	/	23.69	/	/	<=33	Pass
		Inner_Full	23.52	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Left	23.42	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	25.76	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	21.75	/	/	23.95	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 3 of 471

		Edge_1RB_Right	21.85	/	/	24.05	/	/	<=33	Pass
		Outer_Full	20.42	/	/	22.62	/	/	<=33	Pass
		Inner_Full	22.98	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Left	22.72	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	24.99	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.78	/	/	23.98	/	/	<=33	Pass
		Edge_1RB_Right	21.74	/	/	23.94	/	/	<=33	Pass
		Outer_Full	20.27	/	/	22.47	/	/	<=33	Pass
		Inner_Full	22.89	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	22.62	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	22.59	/	/	24.79	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.81	/	/	24.01	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	24.35	/	/	<=33	Pass
		Outer_Full	20.43	/	/	22.63	/	/	<=33	Pass
		Inner_Full	23.18	/	/	25.38	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	24.86	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Inner_1RB_Right	22.98	/	/	25.18	/	/	<=33	Pass
		Edge_1RB_Left	21.50	/	/	23.7	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	23.81	/	/	<=33	Pass
		Outer_Full	19.85	/	/	22.05	/	/	<=33	Pass
		Inner_Full	21.37	/	/	23.57	/	/	<=33	Pass
	2535	Inner_1RB_Left	21.57	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	23.78	/	/	<=33	Pass
		Edge_1RB_Left	21.44	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Right	21.47	/	/	23.67	/	/	<=33	Pass
		Outer_Full	19.77	/	/	21.97	/	/	<=33	Pass
	2567.5	Inner_Full	21.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	21.46	/	/	23.66	/	/	<=33	Pass
		Edge_1RB_Left	21.70	/	/	23.9	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	24.02	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Outer_Full	20.07	/	/	22.27	/	/	<=33	Pass
		Inner_Full	21.58	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	21.77	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Left	18.81	/	/	21.01	/	/	<=33	Pass
	2535	Edge_1RB_Right	18.93	/	/	21.13	/	/	<=33	Pass
		Outer_Full	19.45	/	/	21.65	/	/	<=33	Pass
		Inner_Full	19.41	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Left	19.26	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Right	19.56	/	/	21.76	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	18.81	/	/	21.01	/	/	<=33	Pass
		Edge_1RB_Right	18.80	/	/	21	/	/	<=33	Pass
		Outer_Full	19.32	/	/	21.52	/	/	<=33	Pass
		Inner_Full	19.35	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Left	18.82	/	/	21.02	/	/	<=33	Pass
		Inner_1RB_Right	18.71	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Left	18.93	/	/	21.13	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 4 of 471

CP-OFDM QPSK		Edge_1RB_Right	19.03	/	/	21.23	/	/	<=33	Pass
		Outer_Full	19.51	/	/	21.71	/	/	<=33	Pass
		Inner_Full	19.56	/	/	21.76	/	/	<=33	Pass
		Inner_1RB_Left	18.92	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	21.32	/	/	<=33	Pass
	2502.5	Edge_1RB_Left	20.88	/	/	23.08	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	23.15	/	/	<=33	Pass
		Outer_Full	20.89	/	/	23.09	/	/	<=33	Pass
		Inner_Full	22.49	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	22.33	/	/	24.53	/	/	<=33	Pass
	2535	Inner_1RB_Right	22.40	/	/	24.6	/	/	<=33	Pass
		Edge_1RB_Left	20.86	/	/	23.06	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	22.93	/	/	<=33	Pass
		Outer_Full	20.84	/	/	23.04	/	/	<=33	Pass
		Inner_Full	22.29	/	/	24.49	/	/	<=33	Pass
	2567.5	Inner_1RB_Left	22.25	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Right	22.25	/	/	24.45	/	/	<=33	Pass
		Edge_1RB_Left	20.91	/	/	23.11	/	/	<=33	Pass
		Edge_1RB_Right	21.11	/	/	23.31	/	/	<=33	Pass
		Outer_Full	21.08	/	/	23.28	/	/	<=33	Pass
CP-OFDM 16 QAM	2502.5	Inner_Full	22.52	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	24.69	/	/	<=33	Pass
		Edge_1RB_Left	20.88	/	/	23.08	/	/	<=33	Pass
		Edge_1RB_Right	20.91	/	/	23.11	/	/	<=33	Pass
	2535	Outer_Full	19.55	/	/	21.75	/	/	<=33	Pass
		Inner_Full	21.85	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	21.88	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Right	22.10	/	/	24.3	/	/	<=33	Pass
		Edge_1RB_Left	20.87	/	/	23.07	/	/	<=33	Pass
	2567.5	Edge_1RB_Right	20.72	/	/	22.92	/	/	<=33	Pass
		Outer_Full	19.26	/	/	21.46	/	/	<=33	Pass
		Inner_Full	21.63	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Right	21.76	/	/	23.96	/	/	<=33	Pass
CP-OFDM 64 QAM	2502.5	Edge_1RB_Left	20.93	/	/	23.13	/	/	<=33	Pass
		Edge_1RB_Right	21.07	/	/	23.27	/	/	<=33	Pass
		Outer_Full	19.53	/	/	21.73	/	/	<=33	Pass
		Inner_Full	21.98	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	22.02	/	/	24.22	/	/	<=33	Pass
	2535	Inner_1RB_Right	22.34	/	/	24.54	/	/	<=33	Pass
		Edge_1RB_Left	20.45	/	/	22.65	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	22.69	/	/	<=33	Pass
		Outer_Full	18.96	/	/	21.16	/	/	<=33	Pass
		Inner_Full	20.43	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Left	20.44	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	22.6	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.48	/	/	22.68	/	/	<=33	Pass



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

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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 5 of 471

		Edge_1RB_Right	20.32	/	/	22.52	/	/	<=33	Pass
		Outer_Full	18.76	/	/	20.96	/	/	<=33	Pass
		Inner_Full	20.30	/	/	22.5	/	/	<=33	Pass
		Inner_1RB_Left	20.33	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Right	20.31	/	/	22.51	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	20.58	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	22.87	/	/	<=33	Pass
		Outer_Full	18.96	/	/	21.16	/	/	<=33	Pass
		Inner_Full	20.60	/	/	22.8	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	22.75	/	/	<=33	Pass
Inner_1RB_Right	20.68	/	/	22.88	/	/	<=33	Pass		
CP-OFDM 256 QAM	2502.5	Edge_1RB_Left	17.03	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	17.10	/	/	19.3	/	/	<=33	Pass
		Outer_Full	17.50	/	/	19.7	/	/	<=33	Pass
		Inner_Full	17.48	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	16.92	/	/	19.12	/	/	<=33	Pass
		Inner_1RB_Right	17.12	/	/	19.32	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.87	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Right	16.86	/	/	19.06	/	/	<=33	Pass
		Outer_Full	17.34	/	/	19.54	/	/	<=33	Pass
		Inner_Full	17.39	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Left	16.84	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Right	16.79	/	/	18.99	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	16.96	/	/	19.16	/	/	<=33	Pass
		Edge_1RB_Right	17.13	/	/	19.33	/	/	<=33	Pass
		Outer_Full	17.53	/	/	19.73	/	/	<=33	Pass
		Inner_Full	17.57	/	/	19.77	/	/	<=33	Pass
Inner_1RB_Left		16.94	/	/	19.14	/	/	<=33	Pass	
Inner_1RB_Right		17.10	/	/	19.3	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1:2.2dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 15k_SISO_10MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n7 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge 1RB Left	23.27	/	/	25.47	/	/	<=33	Pass
		Edge 1RB Right	23.41	/	/	25.61	/	/	<=33	Pass
		Outer Full	23.38	/	/	25.58	/	/	<=33	Pass
		Inner Full	23.34	/	/	25.54	/	/	<=33	Pass
		Inner 1RB Left	23.28	/	/	25.48	/	/	<=33	Pass
		Inner 1RB Right	23.44	/	/	25.64	/	/	<=33	Pass
	2535	Edge 1RB Left	23.41	/	/	25.61	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 6 of 471

		Edge_1RB_Right	23.26	/	/	25.46	/	/	<=33	Pass
		Outer_Full	23.26	/	/	25.46	/	/	<=33	Pass
		Inner_Full	23.25	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	23.36	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	25.31	/	/	<=33	Pass
	2565	Edge_1RB_Left	23.21	/	/	25.41	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	25.72	/	/	<=33	Pass
		Outer_Full	23.36	/	/	25.56	/	/	<=33	Pass
		Inner_Full	23.39	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	25.47	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Inner_1RB_Right	23.50	/	/	25.7	/	/	<=33	Pass
		Edge_1RB_Left	22.84	/	/	25.04	/	/	<=33	Pass
		Edge_1RB_Right	22.97	/	/	25.17	/	/	<=33	Pass
		Outer_Full	21.22	/	/	23.42	/	/	<=33	Pass
		Inner_Full	23.35	/	/	25.55	/	/	<=33	Pass
	2535	Inner_1RB_Left	23.34	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	25.52	/	/	<=33	Pass
		Edge_1RB_Left	22.82	/	/	25.02	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	24.85	/	/	<=33	Pass
		Outer_Full	21.23	/	/	23.43	/	/	<=33	Pass
	2565	Inner_Full	23.21	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	25.3	/	/	<=33	Pass
		Edge_1RB_Left	22.68	/	/	24.88	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	25.22	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Outer_Full	21.39	/	/	23.59	/	/	<=33	Pass
		Inner_Full	23.38	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Right	23.53	/	/	25.73	/	/	<=33	Pass
		Edge_1RB_Left	21.75	/	/	23.95	/	/	<=33	Pass
	2535	Edge_1RB_Right	21.74	/	/	23.94	/	/	<=33	Pass
		Outer_Full	20.25	/	/	22.45	/	/	<=33	Pass
		Inner_Full	22.83	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	24.8	/	/	<=33	Pass
		Inner_1RB_Right	22.76	/	/	24.96	/	/	<=33	Pass
	2565	Edge_1RB_Left	21.78	/	/	23.98	/	/	<=33	Pass
		Edge_1RB_Right	21.58	/	/	23.78	/	/	<=33	Pass
		Outer_Full	20.31	/	/	22.51	/	/	<=33	Pass
		Inner_Full	22.73	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	24.84	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Inner_1RB_Right	22.57	/	/	24.77	/	/	<=33	Pass
		Edge_1RB_Left	21.65	/	/	23.85	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	24.21	/	/	<=33	Pass
		Outer_Full	20.42	/	/	22.62	/	/	<=33	Pass
		Inner_Full	22.92	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	25.26	/	/	<=33	Pass
		Edge_1RB_Left	21.41	/	/	23.61	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 7 of 471

		Edge_1RB_Right	21.44	/	/	23.64	/	/	<=33	Pass
		Outer_Full	19.79	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.24	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	23.72	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.37	/	/	23.57	/	/	<=33	Pass
		Edge_1RB_Right	21.25	/	/	23.45	/	/	<=33	Pass
		Outer_Full	19.76	/	/	21.96	/	/	<=33	Pass
		Inner_Full	21.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	21.34	/	/	23.54	/	/	<=33	Pass
	2565	Inner_1RB_Right	21.25	/	/	23.45	/	/	<=33	Pass
		Edge_1RB_Left	21.42	/	/	23.62	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	23.93	/	/	<=33	Pass
		Outer_Full	19.97	/	/	22.17	/	/	<=33	Pass
		Inner_Full	21.40	/	/	23.6	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Inner_1RB_Left	21.42	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	23.88	/	/	<=33	Pass
		Edge_1RB_Left	18.77	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	18.85	/	/	21.05	/	/	<=33	Pass
		Outer_Full	19.36	/	/	21.56	/	/	<=33	Pass
	2535	Inner_Full	19.31	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Left	18.77	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	18.90	/	/	21.1	/	/	<=33	Pass
		Edge_1RB_Left	18.77	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	18.61	/	/	20.81	/	/	<=33	Pass
	2565	Outer_Full	19.16	/	/	21.36	/	/	<=33	Pass
		Inner_Full	19.24	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Right	18.49	/	/	20.69	/	/	<=33	Pass
		Edge_1RB_Left	18.66	/	/	20.86	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Right	18.98	/	/	21.18	/	/	<=33	Pass
		Outer_Full	19.37	/	/	21.57	/	/	<=33	Pass
		Inner_Full	19.33	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Left	18.73	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Right	18.99	/	/	21.19	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.81	/	/	23.01	/	/	<=33	Pass
		Edge_1RB_Right	20.91	/	/	23.11	/	/	<=33	Pass
		Outer_Full	20.81	/	/	23.01	/	/	<=33	Pass
		Inner_Full	22.33	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	22.20	/	/	24.4	/	/	<=33	Pass
	2565	Inner_1RB_Right	22.74	/	/	24.94	/	/	<=33	Pass
		Edge_1RB_Left	20.95	/	/	23.15	/	/	<=33	Pass
		Edge_1RB_Right	20.65	/	/	22.85	/	/	<=33	Pass
		Outer_Full	20.66	/	/	22.86	/	/	<=33	Pass
		Inner_Full	22.10	/	/	24.3	/	/	<=33	Pass
		Inner_1RB_Left	22.22	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Right	22.08	/	/	24.28	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.75	/	/	22.95	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 8 of 471

		Edge_1RB_Right	21.15	/	/	23.35	/	/	<=33	Pass
		Outer_Full	20.91	/	/	23.11	/	/	<=33	Pass
		Inner_Full	22.33	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	24.65	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge_1RB_Left	20.81	/	/	23.01	/	/	<=33	Pass
		Edge_1RB_Right	20.94	/	/	23.14	/	/	<=33	Pass
		Outer_Full	19.25	/	/	21.45	/	/	<=33	Pass
		Inner_Full	21.73	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	24.1	/	/	<=33	Pass
	2535	Inner_1RB_Right	22.01	/	/	24.21	/	/	<=33	Pass
		Edge_1RB_Left	20.84	/	/	23.04	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	22.87	/	/	<=33	Pass
		Outer_Full	19.17	/	/	21.37	/	/	<=33	Pass
		Inner_Full	21.66	/	/	23.86	/	/	<=33	Pass
	2565	Inner_1RB_Left	21.85	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Left	20.83	/	/	23.03	/	/	<=33	Pass
		Edge_1RB_Right	21.13	/	/	23.33	/	/	<=33	Pass
		Outer_Full	19.37	/	/	21.57	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Inner_Full	21.82	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	24.24	/	/	<=33	Pass
		Edge_1RB_Left	20.29	/	/	22.49	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	22.61	/	/	<=33	Pass
	2535	Outer_Full	18.83	/	/	21.03	/	/	<=33	Pass
		Inner_Full	20.32	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	22.5	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Left	20.29	/	/	22.49	/	/	<=33	Pass
	2565	Edge_1RB_Right	20.16	/	/	22.36	/	/	<=33	Pass
		Outer_Full	18.72	/	/	20.92	/	/	<=33	Pass
		Inner_Full	20.20	/	/	22.4	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	20.13	/	/	22.33	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge_1RB_Left	20.35	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	22.93	/	/	<=33	Pass
		Outer_Full	18.91	/	/	21.11	/	/	<=33	Pass
		Inner_Full	20.44	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Left	20.33	/	/	22.53	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.66	/	/	22.86	/	/	<=33	Pass
		Edge_1RB_Left	16.98	/	/	19.18	/	/	<=33	Pass
		Edge_1RB_Right	17.09	/	/	19.29	/	/	<=33	Pass
		Outer_Full	17.36	/	/	19.56	/	/	<=33	Pass
		Inner_Full	17.37	/	/	19.57	/	/	<=33	Pass
	2565	Inner_1RB_Left	16.87	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Right	17.01	/	/	19.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.88	/	/	19.08	/	/	<=33	Pass



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

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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 9 of 471

		Edge_1RB_Right	16.73	/	/	18.93	/	/	<=33	Pass
		Outer_Full	17.18	/	/	19.38	/	/	<=33	Pass
		Inner_Full	17.32	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Left	16.88	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	16.79	/	/	18.99	/	/	<=33	Pass
	2565	Edge_1RB_Left	16.96	/	/	19.16	/	/	<=33	Pass
		Edge_1RB_Right	17.20	/	/	19.4	/	/	<=33	Pass
		Outer_Full	17.36	/	/	19.56	/	/	<=33	Pass
		Inner_Full	17.41	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	16.89	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Right	17.19	/	/	19.39	/	/	<=33	Pass

Note1: Antenna Gain: Ant1:2.2dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.3 15k_SISO_15MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n7 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge_1RB_Left	23.21	/	/	25.41	/	/	<=33	Pass
		Edge_1RB_Right	23.33	/	/	25.53	/	/	<=33	Pass
		Outer_Full	23.28	/	/	25.48	/	/	<=33	Pass
		Inner_Full	23.31	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	25.38	/	/	<=33	Pass
		Inner_1RB_Right	23.31	/	/	25.51	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.21	/	/	25.41	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	25.18	/	/	<=33	Pass
		Outer_Full	23.28	/	/	25.48	/	/	<=33	Pass
		Inner_Full	23.24	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	25.2	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	23.16	/	/	25.36	/	/	<=33	Pass
		Edge_1RB_Right	23.48	/	/	25.68	/	/	<=33	Pass
		Outer_Full	23.35	/	/	25.55	/	/	<=33	Pass
		Inner_Full	23.33	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	25.71	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	22.65	/	/	24.85	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	25.03	/	/	<=33	Pass
		Outer_Full	21.39	/	/	23.59	/	/	<=33	Pass
		Inner_Full	23.28	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	25.3	/	/	<=33	Pass
		Inner_1RB_Right	23.23	/	/	25.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.78	/	/	24.98	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 10 of 471

		Edge_1RB_Right	22.55	/	/	24.75	/	/	<=33	Pass
		Outer_Full	21.23	/	/	23.43	/	/	<=33	Pass
		Inner_Full	23.29	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	25.23	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.62	/	/	24.82	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	25.21	/	/	<=33	Pass
		Outer_Full	21.39	/	/	23.59	/	/	<=33	Pass
		Inner_Full	23.30	/	/	25.5	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	25.31	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Inner_1RB_Right	23.58	/	/	25.78	/	/	<=33	Pass
		Edge_1RB_Left	21.77	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	23.89	/	/	<=33	Pass
		Outer_Full	20.35	/	/	22.55	/	/	<=33	Pass
		Inner_Full	22.83	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	24.85	/	/	<=33	Pass
	2535	Inner_1RB_Right	22.74	/	/	24.94	/	/	<=33	Pass
		Edge_1RB_Left	21.75	/	/	23.95	/	/	<=33	Pass
		Edge_1RB_Right	21.44	/	/	23.64	/	/	<=33	Pass
		Outer_Full	20.34	/	/	22.54	/	/	<=33	Pass
		Inner_Full	22.80	/	/	25	/	/	<=33	Pass
		Inner_1RB_Left	22.72	/	/	24.92	/	/	<=33	Pass
	2562.5	Inner_1RB_Right	22.47	/	/	24.67	/	/	<=33	Pass
		Edge_1RB_Left	21.54	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	24.14	/	/	<=33	Pass
		Outer_Full	20.40	/	/	22.6	/	/	<=33	Pass
		Inner_Full	22.90	/	/	25.1	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	24.66	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Inner_1RB_Right	22.95	/	/	25.15	/	/	<=33	Pass
		Edge_1RB_Left	21.40	/	/	23.6	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	23.7	/	/	<=33	Pass
		Outer_Full	19.90	/	/	22.1	/	/	<=33	Pass
		Inner_Full	21.37	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	23.57	/	/	<=33	Pass
	2535	Inner_1RB_Right	21.50	/	/	23.7	/	/	<=33	Pass
		Edge_1RB_Left	21.42	/	/	23.62	/	/	<=33	Pass
		Edge_1RB_Right	21.21	/	/	23.41	/	/	<=33	Pass
		Outer_Full	19.79	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.32	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	23.63	/	/	<=33	Pass
	2562.5	Inner_1RB_Right	21.26	/	/	23.46	/	/	<=33	Pass
		Edge_1RB_Left	21.23	/	/	23.43	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	23.88	/	/	<=33	Pass
		Outer_Full	19.95	/	/	22.15	/	/	<=33	Pass
		Inner_Full	21.39	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	23.43	/	/	<=33	Pass
DFT-s-OFDM 256	2507.5	Inner_1RB_Right	21.70	/	/	23.9	/	/	<=33	Pass
		Edge_1RB_Left	18.66	/	/	20.86	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 11 of 471

QAM		Edge_1RB_Right	18.86	/	/	21.06	/	/	<=33	Pass
		Outer_Full	19.29	/	/	21.49	/	/	<=33	Pass
		Inner_Full	19.21	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Left	18.66	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	18.86	/	/	21.06	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.84	/	/	21.04	/	/	<=33	Pass
		Edge_1RB_Right	18.66	/	/	20.86	/	/	<=33	Pass
		Outer_Full	19.25	/	/	21.45	/	/	<=33	Pass
		Inner_Full	19.23	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Left	18.85	/	/	21.05	/	/	<=33	Pass
	2562.5	Inner_1RB_Right	18.66	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Left	18.67	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Right	19.17	/	/	21.37	/	/	<=33	Pass
		Outer_Full	19.35	/	/	21.55	/	/	<=33	Pass
		Inner_Full	19.31	/	/	21.51	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Inner_1RB_Left	18.61	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Right	19.08	/	/	21.28	/	/	<=33	Pass
		Edge_1RB_Left	20.83	/	/	23.03	/	/	<=33	Pass
		Edge_1RB_Right	20.89	/	/	23.09	/	/	<=33	Pass
		Outer_Full	20.81	/	/	23.01	/	/	<=33	Pass
	2535	Inner_Full	22.21	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	22.21	/	/	24.41	/	/	<=33	Pass
		Edge_1RB_Left	20.79	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Right	20.56	/	/	22.76	/	/	<=33	Pass
	2562.5	Outer_Full	20.68	/	/	22.88	/	/	<=33	Pass
		Inner_Full	22.16	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Right	22.12	/	/	24.32	/	/	<=33	Pass
		Edge_1RB_Left	20.66	/	/	22.86	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Right	21.10	/	/	23.3	/	/	<=33	Pass
		Outer_Full	20.85	/	/	23.05	/	/	<=33	Pass
		Inner_Full	22.29	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	22.10	/	/	24.3	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	24.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.83	/	/	23.03	/	/	<=33	Pass
		Edge_1RB_Right	20.85	/	/	23.05	/	/	<=33	Pass
		Outer_Full	19.28	/	/	21.48	/	/	<=33	Pass
		Inner_Full	21.84	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	23.73	/	/	<=33	Pass
	2562.5	Inner_1RB_Right	21.82	/	/	24.02	/	/	<=33	Pass
		Edge_1RB_Left	20.70	/	/	22.9	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	22.78	/	/	<=33	Pass
		Outer_Full	19.24	/	/	21.44	/	/	<=33	Pass
		Inner_Full	21.78	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	23.81	/	/	<=33	Pass
		Edge_1RB_Left	20.60	/	/	22.8	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 12 of 471

CP-OFDM 64 QAM		Edge 1RB Right	21.07	/	/	23.27	/	/	<=33	Pass
		Outer Full	19.31	/	/	21.51	/	/	<=33	Pass
		Inner Full	21.91	/	/	24.11	/	/	<=33	Pass
		Inner 1RB Left	21.70	/	/	23.9	/	/	<=33	Pass
		Inner 1RB Right	22.12	/	/	24.32	/	/	<=33	Pass
	2507.5	Edge 1RB Left	20.32	/	/	22.52	/	/	<=33	Pass
		Edge 1RB Right	20.39	/	/	22.59	/	/	<=33	Pass
		Outer Full	18.80	/	/	21	/	/	<=33	Pass
		Inner Full	20.34	/	/	22.54	/	/	<=33	Pass
		Inner 1RB Left	20.26	/	/	22.46	/	/	<=33	Pass
	2535	Inner 1RB Right	20.37	/	/	22.57	/	/	<=33	Pass
		Edge 1RB Left	20.37	/	/	22.57	/	/	<=33	Pass
		Edge 1RB Right	20.08	/	/	22.28	/	/	<=33	Pass
		Outer Full	18.71	/	/	20.91	/	/	<=33	Pass
		Inner Full	20.18	/	/	22.38	/	/	<=33	Pass
	2562.5	Inner 1RB Left	20.33	/	/	22.53	/	/	<=33	Pass
		Inner 1RB Right	20.14	/	/	22.34	/	/	<=33	Pass
		Edge 1RB Left	20.17	/	/	22.37	/	/	<=33	Pass
		Edge 1RB Right	20.68	/	/	22.88	/	/	<=33	Pass
		Outer Full	18.90	/	/	21.1	/	/	<=33	Pass
CP-OFDM 256 QAM	2507.5	Inner Full	20.39	/	/	22.59	/	/	<=33	Pass
		Inner 1RB Left	20.13	/	/	22.33	/	/	<=33	Pass
		Inner 1RB Right	20.61	/	/	22.81	/	/	<=33	Pass
		Edge 1RB Left	16.84	/	/	19.04	/	/	<=33	Pass
		Edge 1RB Right	16.93	/	/	19.13	/	/	<=33	Pass
	2535	Outer Full	17.32	/	/	19.52	/	/	<=33	Pass
		Inner Full	17.25	/	/	19.45	/	/	<=33	Pass
		Inner 1RB Left	16.74	/	/	18.94	/	/	<=33	Pass
		Inner 1RB Right	17.02	/	/	19.22	/	/	<=33	Pass
		Edge 1RB Left	16.93	/	/	19.13	/	/	<=33	Pass
	2562.5	Edge 1RB Right	16.72	/	/	18.92	/	/	<=33	Pass
		Outer Full	17.21	/	/	19.41	/	/	<=33	Pass
		Inner Full	17.18	/	/	19.38	/	/	<=33	Pass
		Inner 1RB Left	16.84	/	/	19.04	/	/	<=33	Pass
		Inner 1RB Right	16.69	/	/	18.89	/	/	<=33	Pass
		Edge 1RB Left	16.78	/	/	18.98	/	/	<=33	Pass
		Edge 1RB Right	17.29	/	/	19.49	/	/	<=33	Pass
		Outer Full	17.51	/	/	19.71	/	/	<=33	Pass
		Inner Full	17.41	/	/	19.61	/	/	<=33	Pass
		Inner 1RB Left	16.72	/	/	18.92	/	/	<=33	Pass
		Inner 1RB Right	17.29	/	/	19.49	/	/	<=33	Pass

Note1: Antenna Gain: Ant1:2.2dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.4 15k_SISO_20MHz_NTNV_EIRP



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 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 sgs.china@sgs.com



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

Report No.: SZCR240100038409

Rev.: 01

Page: 13 of 471

1.4.1 Test Result

5G NR n7 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge_1RB_Left	23.32	/	/	25.52	/	/	<=33	Pass
		Edge_1RB_Right	23.38	/	/	25.58	/	/	<=33	Pass
		Outer_Full	23.40	/	/	25.6	/	/	<=33	Pass
		Inner_Full	23.34	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	25.4	/	/	<=33	Pass
		Inner_1RB_Right	23.34	/	/	25.54	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.27	/	/	25.47	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	25.07	/	/	<=33	Pass
		Outer_Full	23.27	/	/	25.47	/	/	<=33	Pass
		Inner_Full	23.28	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	25.35	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	25.12	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.98	/	/	25.18	/	/	<=33	Pass
		Edge_1RB_Right	23.56	/	/	25.76	/	/	<=33	Pass
		Outer_Full	23.23	/	/	25.43	/	/	<=33	Pass
		Inner_Full	23.24	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Right	23.44	/	/	25.64	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	22.86	/	/	25.06	/	/	<=33	Pass
		Edge_1RB_Right	22.89	/	/	25.09	/	/	<=33	Pass
		Outer_Full	21.38	/	/	23.58	/	/	<=33	Pass
		Inner_Full	23.32	/	/	25.52	/	/	<=33	Pass
		Inner_1RB_Left	23.19	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	25.52	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.76	/	/	24.96	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	24.76	/	/	<=33	Pass
		Outer_Full	21.27	/	/	23.47	/	/	<=33	Pass
		Inner_Full	23.22	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	25.2	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.55	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	25.28	/	/	<=33	Pass
		Outer_Full	21.29	/	/	23.49	/	/	<=33	Pass
		Inner_Full	23.23	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Left	22.94	/	/	25.14	/	/	<=33	Pass
		Inner_1RB_Right	23.43	/	/	25.63	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	21.66	/	/	23.86	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	24.01	/	/	<=33	Pass
		Outer_Full	20.38	/	/	22.58	/	/	<=33	Pass
		Inner_Full	22.89	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	22.61	/	/	24.81	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	25.03	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.77	/	/	23.97	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 14 of 471

		Edge_1RB_Right	21.51	/	/	23.71	/	/	<=33	Pass
		Outer_Full	20.22	/	/	22.42	/	/	<=33	Pass
		Inner_Full	22.81	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	24.58	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.42	/	/	23.62	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	24.11	/	/	<=33	Pass
		Outer_Full	20.27	/	/	22.47	/	/	<=33	Pass
		Inner_Full	22.78	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Left	22.31	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	25.05	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	21.45	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	23.74	/	/	<=33	Pass
		Outer_Full	19.98	/	/	22.18	/	/	<=33	Pass
		Inner_Full	21.41	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Right	21.51	/	/	23.71	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.41	/	/	23.61	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	23.25	/	/	<=33	Pass
		Outer_Full	19.85	/	/	22.05	/	/	<=33	Pass
		Inner_Full	21.35	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	21.22	/	/	23.42	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.90	/	/	23.1	/	/	<=33	Pass
		Edge_1RB_Right	21.56	/	/	23.76	/	/	<=33	Pass
		Outer_Full	19.84	/	/	22.04	/	/	<=33	Pass
		Inner_Full	21.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	21.66	/	/	23.86	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge_1RB_Left	18.90	/	/	21.1	/	/	<=33	Pass
		Edge_1RB_Right	18.86	/	/	21.06	/	/	<=33	Pass
		Outer_Full	19.43	/	/	21.63	/	/	<=33	Pass
		Inner_Full	19.32	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	18.79	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Right	18.93	/	/	21.13	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.91	/	/	21.11	/	/	<=33	Pass
		Edge_1RB_Right	18.55	/	/	20.75	/	/	<=33	Pass
		Outer_Full	19.28	/	/	21.48	/	/	<=33	Pass
		Inner_Full	19.19	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	18.79	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Right	18.50	/	/	20.7	/	/	<=33	Pass
	2560	Edge_1RB_Left	18.65	/	/	20.85	/	/	<=33	Pass
		Edge_1RB_Right	19.11	/	/	21.31	/	/	<=33	Pass
		Outer_Full	19.32	/	/	21.52	/	/	<=33	Pass
		Inner_Full	19.25	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Left	18.64	/	/	20.84	/	/	<=33	Pass
		Inner_1RB_Right	19.11	/	/	21.31	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	20.78	/	/	22.98	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 15 of 471

		Edge_1RB_Right	20.92	/	/	23.12	/	/	<=33	Pass
		Outer_Full	20.89	/	/	23.09	/	/	<=33	Pass
		Inner_Full	22.33	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	22.11	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	24.56	/	/	<=33	Pass
	2535	Edge_1RB_Right	20.80	/	/	23	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	22.69	/	/	<=33	Pass
		Outer_Full	20.71	/	/	22.91	/	/	<=33	Pass
		Inner_Full	22.21	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	24.5	/	/	<=33	Pass
	2560	Inner_1RB_Right	21.95	/	/	24.15	/	/	<=33	Pass
		Edge_1RB_Left	20.57	/	/	22.77	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	23.21	/	/	<=33	Pass
		Outer_Full	20.75	/	/	22.95	/	/	<=33	Pass
		Inner_Full	22.25	/	/	24.45	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Inner_1RB_Left	22.07	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	24.61	/	/	<=33	Pass
		Edge_1RB_Left	20.74	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	23.06	/	/	<=33	Pass
		Outer_Full	19.33	/	/	21.53	/	/	<=33	Pass
	2535	Inner_Full	21.85	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	24.03	/	/	<=33	Pass
		Edge_1RB_Left	20.80	/	/	23	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	22.79	/	/	<=33	Pass
	2560	Outer_Full	19.21	/	/	21.41	/	/	<=33	Pass
		Inner_Full	21.75	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	21.84	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Right	21.47	/	/	23.67	/	/	<=33	Pass
		Edge_1RB_Left	20.48	/	/	22.68	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Right	21.06	/	/	23.26	/	/	<=33	Pass
		Outer_Full	19.22	/	/	21.42	/	/	<=33	Pass
		Inner_Full	21.70	/	/	23.9	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	21.96	/	/	24.16	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.31	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	22.56	/	/	<=33	Pass
		Outer_Full	18.90	/	/	21.1	/	/	<=33	Pass
		Inner_Full	20.38	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Left	20.29	/	/	22.49	/	/	<=33	Pass
	2560	Inner_1RB_Right	20.31	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Left	20.30	/	/	22.5	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	22.2	/	/	<=33	Pass
		Outer_Full	18.72	/	/	20.92	/	/	<=33	Pass
		Inner_Full	20.27	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	20.27	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Right	19.90	/	/	22.1	/	/	<=33	Pass
		Edge_1RB_Left	20.03	/	/	22.23	/	/	<=33	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 16 of 471

		Edge_1RB_Right	20.60	/	/	22.8	/	/	<=33	Pass
		Outer_Full	18.74	/	/	20.94	/	/	<=33	Pass
		Inner_Full	20.23	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Left	19.99	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	22.67	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Edge_1RB_Left	17.03	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	17.23	/	/	19.43	/	/	<=33	Pass
		Outer_Full	17.37	/	/	19.57	/	/	<=33	Pass
		Inner_Full	17.40	/	/	19.6	/	/	<=33	Pass
		Inner_1RB_Left	16.93	/	/	19.13	/	/	<=33	Pass
	2535	Inner_1RB_Right	17.04	/	/	19.24	/	/	<=33	Pass
		Edge_1RB_Left	17.08	/	/	19.28	/	/	<=33	Pass
		Edge_1RB_Right	16.79	/	/	18.99	/	/	<=33	Pass
		Outer_Full	17.27	/	/	19.47	/	/	<=33	Pass
		Inner_Full	17.18	/	/	19.38	/	/	<=33	Pass
	2560	Inner_1RB_Left	16.93	/	/	19.13	/	/	<=33	Pass
		Inner_1RB_Right	16.57	/	/	18.77	/	/	<=33	Pass
		Edge_1RB_Left	16.69	/	/	18.89	/	/	<=33	Pass
		Edge_1RB_Right	17.20	/	/	19.4	/	/	<=33	Pass
		Outer_Full	17.33	/	/	19.53	/	/	<=33	Pass
		Inner_Full	17.30	/	/	19.5	/	/	<=33	Pass
		Inner_1RB_Left	16.65	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Right	17.19	/	/	19.39	/	/	<=33	Pass
		Note1: Antenna Gain: Ant1:2.2dBi; Note2: EIRP=Conducted Power+Antenna Gain								



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 www.sgs.com
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 sgs.china@sgs.com



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

Report No.: SZCR240100038409

Rev.: 01

Page: 17 of 471

2. Frequency Stability

2.1 15k_SISO_5MHz

2.1.1 Test Result

5G NR n7 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	20	LV	-6.20	-0.0024	/	Pass
				HV	-5.00	-0.0020	/	Pass
			-30	NV	-3.20	-0.0013	/	Pass
			-20	NV	-8.80	-0.0035	/	Pass
			-10	NV	-7.30	-0.0029	/	Pass
			0	NV	-8.00	-0.0032	/	Pass
			10	NV	-6.80	-0.0027	/	Pass
			20	NV	2.00	0.0008	/	Pass
			30	NV	-6.10	-0.0024	/	Pass
			40	NV	-6.40	-0.0025	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-8.90	-0.0035	/	Pass
				HV	-12.00	-0.0047	/	Pass
			-30	NV	-7.70	-0.0030	/	Pass
			-20	NV	-5.70	-0.0022	/	Pass
			-10	NV	-11.20	-0.0044	/	Pass
			0	NV	-7.70	-0.0030	/	Pass
			10	NV	-10.00	-0.0039	/	Pass
			20	NV	-7.30	-0.0029	/	Pass
			30	NV	-6.20	-0.0024	/	Pass
			40	NV	-7.30	-0.0029	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-2.80	-0.0011	/	Pass
				HV	-8.30	-0.0033	/	Pass
			-30	NV	-3.30	-0.0013	/	Pass
			-20	NV	-4.80	-0.0019	/	Pass
			-10	NV	-3.10	-0.0012	/	Pass
			0	NV	-1.10	-0.0004	/	Pass
			10	NV	-4.20	-0.0017	/	Pass
			20	NV	-3.80	-0.0015	/	Pass
			30	NV	-8.30	-0.0033	/	Pass
			40	NV	-3.00	-0.0012	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-9.80	-0.0039	/	Pass
				HV	-10.40	-0.0041	/	Pass
			-30	NV	-7.70	-0.0030	/	Pass
			-20	NV	-9.70	-0.0038	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 18 of 471

			-10	NV	-1.20	-0.0005	/	Pass
			0	NV	-7.10	-0.0028	/	Pass
			10	NV	-6.50	-0.0026	/	Pass
			20	NV	-3.90	-0.0015	/	Pass
			30	NV	-9.90	-0.0039	/	Pass
			40	NV	2.30	0.0009	/	Pass
			50	NV	1.80	0.0007	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-11.00	-0.0043	/	Pass
				HV	-4.40	-0.0017	/	Pass
			-30	NV	7.90	0.0031	/	Pass
			-20	NV	-7.30	-0.0029	/	Pass
			-10	NV	-3.80	-0.0015	/	Pass
			0	NV	-2.50	-0.0010	/	Pass
			10	NV	-5.90	-0.0023	/	Pass
			20	NV	-7.30	-0.0029	/	Pass
			30	NV	4.50	0.0018	/	Pass
			40	NV	2.60	0.0010	/	Pass
CP-OFDM QPSK	2535	Outer_Full	50	NV	-5.40	-0.0021	/	Pass
			20	LV	-12.40	-0.0049	/	Pass
				HV	-4.00	-0.0016	/	Pass
			-30	NV	-1.80	-0.0007	/	Pass
			-20	NV	-7.10	-0.0028	/	Pass
			-10	NV	-6.20	-0.0024	/	Pass
			0	NV	-9.00	-0.0036	/	Pass
			10	NV	-5.30	-0.0021	/	Pass
			20	NV	-6.40	-0.0025	/	Pass
			30	NV	-10.90	-0.0043	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	40	NV	-11.50	-0.0045	/	Pass
			50	NV	-2.50	-0.0010	/	Pass
			20	LV	-4.30	-0.0017	/	Pass
				HV	-1.50	-0.0006	/	Pass
			-30	NV	-3.50	-0.0014	/	Pass
			-20	NV	-6.50	-0.0026	/	Pass
			-10	NV	-3.40	-0.0013	/	Pass
			0	NV	-5.90	-0.0023	/	Pass
			10	NV	-6.80	-0.0027	/	Pass
			20	NV	-2.50	-0.0010	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	30	NV	-5.60	-0.0022	/	Pass
			40	NV	-4.00	-0.0016	/	Pass
			50	NV	-1.00	-0.0004	/	Pass
			20	LV	-10.00	-0.0039	/	Pass
				HV	0.70	0.0003	/	Pass
			-30	NV	1.30	0.0005	/	Pass
			-20	NV	6.20	0.0024	/	Pass
			-10	NV	-5.20	-0.0021	/	Pass
			0	NV	-7.80	-0.0031	/	Pass
			10	NV	-7.80	-0.0031	/	Pass
			20	NV	-9.00	-0.0036	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 19 of 471

CP-OFDM 256 QAM	2535	Outer_Full	30	NV	-2.00	-0.0008	/	Pass
			40	NV	-6.20	-0.0024	/	Pass
			50	NV	-4.10	-0.0016	/	Pass
			20	LV	-12.10	-0.0048	/	Pass
				HV	-6.00	-0.0024	/	Pass
			-30	NV	-5.20	-0.0021	/	Pass
			-20	NV	-4.20	-0.0017	/	Pass
			-10	NV	-4.10	-0.0016	/	Pass
			0	NV	-3.00	-0.0012	/	Pass
			10	NV	-5.80	-0.0023	/	Pass
			20	NV	-9.90	-0.0039	/	Pass
			30	NV	-10.40	-0.0041	/	Pass
			40	NV	-8.60	-0.0034	/	Pass
			50	NV	-11.80	-0.0047	/	Pass

2.2 15k_SISO_10MHz

2.2.1 Test Result

5G NR n7 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	20	LV	-6.20	-0.0024	/	Pass
				HV	-2.60	-0.0010	/	Pass
			-30	NV	-6.10	-0.0024	/	Pass
			-20	NV	-6.10	-0.0024	/	Pass
			-10	NV	-3.20	-0.0013	/	Pass
			0	NV	-6.60	-0.0026	/	Pass
			10	NV	-7.10	-0.0028	/	Pass
			20	NV	-9.80	-0.0039	/	Pass
			30	NV	-6.20	-0.0024	/	Pass
			40	NV	-7.90	-0.0031	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	50	NV	-4.70	-0.0019	/	Pass
			20	LV	-7.50	-0.0030	/	Pass
				HV	-3.40	-0.0013	/	Pass
			-30	NV	-7.10	-0.0028	/	Pass
			-20	NV	-5.90	-0.0023	/	Pass
			-10	NV	-8.10	-0.0032	/	Pass
			0	NV	-8.20	-0.0032	/	Pass
			10	NV	-2.70	-0.0011	/	Pass
			20	NV	-10.90	-0.0043	/	Pass
			30	NV	-6.90	-0.0027	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	40	NV	-7.80	-0.0031	/	Pass
			50	NV	-2.80	-0.0011	/	Pass
			20	LV	-4.40	-0.0017	/	Pass
				HV	-4.00	-0.0016	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 20 of 471

			-30	NV	-5.40	-0.0021	/	Pass
			-20	NV	-4.20	-0.0017	/	Pass
			-10	NV	-11.30	-0.0045	/	Pass
			0	NV	-4.80	-0.0019	/	Pass
			10	NV	2.80	0.0011	/	Pass
			20	NV	-9.00	-0.0036	/	Pass
			30	NV	-4.40	-0.0017	/	Pass
			40	NV	-4.50	-0.0018	/	Pass
			50	NV	-5.40	-0.0021	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-8.90	-0.0035	/	Pass
				HV	-1.60	-0.0006	/	Pass
			-30	NV	-7.90	-0.0031	/	Pass
			-20	NV	-5.60	-0.0022	/	Pass
			-10	NV	-4.20	-0.0017	/	Pass
			0	NV	-1.90	-0.0007	/	Pass
			10	NV	-4.90	-0.0019	/	Pass
			20	NV	-8.50	-0.0034	/	Pass
			30	NV	-0.90	-0.0004	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	40	NV	-5.90	-0.0023	/	Pass
			50	NV	-9.30	-0.0037	/	Pass
			20	LV	-7.00	-0.0028	/	Pass
				HV	-4.20	-0.0017	/	Pass
			-30	NV	-10.50	-0.0041	/	Pass
			-20	NV	-5.40	-0.0021	/	Pass
			-10	NV	-6.30	-0.0025	/	Pass
			0	NV	-8.70	-0.0034	/	Pass
			10	NV	-6.60	-0.0026	/	Pass
CP-OFDM QPSK	2535	Outer_Full	20	NV	-4.40	-0.0017	/	Pass
			30	NV	-6.30	-0.0025	/	Pass
			40	NV	-1.90	-0.0007	/	Pass
			50	NV	-5.50	-0.0022	/	Pass
			20	LV	-3.30	-0.0013	/	Pass
				HV	-9.20	-0.0036	/	Pass
			-30	NV	-6.50	-0.0026	/	Pass
			-20	NV	-8.40	-0.0033	/	Pass
			-10	NV	-2.30	-0.0009	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	0	NV	-1.00	-0.0004	/	Pass
			10	NV	-9.20	-0.0036	/	Pass
			20	NV	-2.50	-0.0010	/	Pass
			30	NV	-7.40	-0.0029	/	Pass
			40	NV	-7.30	-0.0029	/	Pass
			50	NV	-7.70	-0.0030	/	Pass
			20	LV	-5.60	-0.0022	/	Pass
				HV	-8.60	-0.0034	/	Pass
			-30	NV	-2.80	-0.0011	/	Pass
			-20	NV	-3.20	-0.0013	/	Pass
			-10	NV	-3.20	-0.0013	/	Pass
			0	NV	1.80	0.0007	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 21 of 471

			10	NV	-8.40	-0.0033	/	Pass
			20	NV	-5.20	-0.0021	/	Pass
			30	NV	-6.70	-0.0026	/	Pass
			40	NV	-3.70	-0.0015	/	Pass
			50	NV	-5.50	-0.0022	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-5.90	-0.0023	/	Pass
				HV	-5.70	-0.0022	/	Pass
			-30	NV	-7.00	-0.0028	/	Pass
			-20	NV	-6.60	-0.0026	/	Pass
			-10	NV	-5.50	-0.0022	/	Pass
			0	NV	-4.60	-0.0018	/	Pass
			10	NV	-6.90	-0.0027	/	Pass
			20	NV	-5.60	-0.0022	/	Pass
			30	NV	-5.70	-0.0022	/	Pass
			40	NV	-3.20	-0.0013	/	Pass
			50	NV	-3.50	-0.0014	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-11.60	-0.0046	/	Pass
				HV	-1.30	-0.0005	/	Pass
			-30	NV	-3.60	-0.0014	/	Pass
			-20	NV	-6.80	-0.0027	/	Pass
			-10	NV	-6.70	-0.0026	/	Pass
			0	NV	-12.10	-0.0048	/	Pass
			10	NV	-1.50	-0.0006	/	Pass
			20	NV	-5.00	-0.0020	/	Pass
			30	NV	-2.10	-0.0008	/	Pass
			40	NV	-2.60	-0.0010	/	Pass
			50	NV	-6.30	-0.0025	/	Pass

2.3 15k_SISO_15MHz

2.3.1 Test Result

5G NR n7 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	20	LV	-9.10	-0.0036	/	Pass
				HV	-13.40	-0.0053	/	Pass
			-30	NV	-10.20	-0.0040	/	Pass
			-20	NV	-10.90	-0.0043	/	Pass
			-10	NV	-11.20	-0.0044	/	Pass
			0	NV	-12.70	-0.0050	/	Pass
			10	NV	-10.30	-0.0041	/	Pass
			20	NV	-9.40	-0.0037	/	Pass
			30	NV	-11.20	-0.0044	/	Pass
			40	NV	-9.30	-0.0037	/	Pass
			50	NV	-9.10	-0.0036	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 22 of 471

DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-5.00	-0.0020	/	Pass
				HV	-9.70	-0.0038	/	Pass
			-30	NV	-8.10	-0.0032	/	Pass
			-20	NV	-7.90	-0.0031	/	Pass
			-10	NV	-11.90	-0.0047	/	Pass
			0	NV	-6.50	-0.0026	/	Pass
			10	NV	-6.80	-0.0027	/	Pass
			20	NV	-8.80	-0.0035	/	Pass
			30	NV	-11.40	-0.0045	/	Pass
			40	NV	-7.70	-0.0030	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	50	NV	-5.80	-0.0023	/	Pass
			20	LV	-9.20	-0.0036	/	Pass
				HV	-11.60	-0.0046	/	Pass
			-30	NV	-8.60	-0.0034	/	Pass
			-20	NV	-8.60	-0.0034	/	Pass
			-10	NV	-6.80	-0.0027	/	Pass
			0	NV	-11.00	-0.0043	/	Pass
			10	NV	-14.30	-0.0056	/	Pass
			20	NV	-11.60	-0.0046	/	Pass
			30	NV	-9.30	-0.0037	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	40	NV	-10.10	-0.0040	/	Pass
			50	NV	-6.10	-0.0024	/	Pass
			20	LV	-14.30	-0.0056	/	Pass
				HV	-12.60	-0.0050	/	Pass
			-30	NV	-9.40	-0.0037	/	Pass
			-20	NV	-12.00	-0.0047	/	Pass
			-10	NV	-14.50	-0.0057	/	Pass
			0	NV	-12.90	-0.0051	/	Pass
			10	NV	-10.20	-0.0040	/	Pass
			20	NV	-12.30	-0.0049	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	30	NV	-6.50	-0.0026	/	Pass
			40	NV	-11.20	-0.0044	/	Pass
			50	NV	-8.40	-0.0033	/	Pass
			20	LV	-4.80	-0.0019	/	Pass
				HV	-8.40	-0.0033	/	Pass
			-30	NV	-7.70	-0.0030	/	Pass
			-20	NV	-9.00	-0.0036	/	Pass
			-10	NV	-3.10	-0.0012	/	Pass
			0	NV	-8.60	-0.0034	/	Pass
			10	NV	-5.80	-0.0023	/	Pass
CP-OFDM QPSK	2535	Outer_Full	20	NV	-9.70	-0.0038	/	Pass
			30	NV	-4.90	-0.0019	/	Pass
			40	NV	-12.80	-0.0050	/	Pass
			50	NV	-8.70	-0.0034	/	Pass
			20	LV	3.00	0.0012	/	Pass
				HV	-7.20	-0.0028	/	Pass
			-30	NV	-4.40	-0.0017	/	Pass
			-20	NV	-7.10	-0.0028	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 23 of 471

			-10	NV	1.20	0.0005	/	Pass
			0	NV	-2.90	-0.0011	/	Pass
			10	NV	-4.90	-0.0019	/	Pass
			20	NV	-5.40	-0.0021	/	Pass
			30	NV	8.60	0.0034	/	Pass
			40	NV	-1.20	-0.0005	/	Pass
			50	NV	-1.40	-0.0006	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-9.20	-0.0036	/	Pass
				HV	-6.00	-0.0024	/	Pass
			-30	NV	-9.50	-0.0037	/	Pass
			-20	NV	-6.10	-0.0024	/	Pass
			-10	NV	-5.10	-0.0020	/	Pass
			0	NV	-5.60	-0.0022	/	Pass
			10	NV	-11.20	-0.0044	/	Pass
			20	NV	-2.40	-0.0009	/	Pass
			30	NV	-3.70	-0.0015	/	Pass
			40	NV	-7.60	-0.0030	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	50	NV	-3.60	-0.0014	/	Pass
			20	LV	-5.90	-0.0023	/	Pass
				HV	1.20	0.0005	/	Pass
			-30	NV	-5.90	-0.0023	/	Pass
			-20	NV	-2.80	-0.0011	/	Pass
			-10	NV	-1.30	-0.0005	/	Pass
			0	NV	-3.30	-0.0013	/	Pass
			10	NV	2.60	0.0010	/	Pass
			20	NV	-1.70	-0.0007	/	Pass
			30	NV	-4.90	-0.0019	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	40	NV	-3.80	-0.0015	/	Pass
			50	NV	-4.60	-0.0018	/	Pass
			20	LV	-9.80	-0.0039	/	Pass
				HV	-9.70	-0.0038	/	Pass
			-30	NV	-7.70	-0.0030	/	Pass
			-20	NV	-5.60	-0.0022	/	Pass
			-10	NV	-2.80	-0.0011	/	Pass
			0	NV	-2.30	-0.0009	/	Pass
			10	NV	-1.80	-0.0007	/	Pass
			20	NV	-2.10	-0.0008	/	Pass
			30	NV	-3.70	-0.0015	/	Pass
			40	NV	-10.10	-0.0040	/	Pass
			50	NV	-7.70	-0.0030	/	Pass

2.4 15k_SISO_20MHz

2.4.1 Test Result

5G NR n7 SCS=15kHz SISO 20MHz



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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 24 of 471

Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	20	LV	-5.40	-0.0021	/	Pass
				HV	3.40	0.0013	/	Pass
			-30	NV	-2.40	-0.0009	/	Pass
				NV	4.70	0.0019	/	Pass
			-10	NV	-1.70	-0.0007	/	Pass
				NV	-2.50	-0.0010	/	Pass
			0	NV	-3.20	-0.0013	/	Pass
				NV	2.90	0.0011	/	Pass
			10	NV	3.80	0.0015	/	Pass
				NV	4.60	0.0018	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	2.60	0.0010	/	Pass
				HV	4.90	0.0019	/	Pass
			-30	NV	-2.00	-0.0008	/	Pass
				NV	2.70	0.0011	/	Pass
			-10	NV	-5.30	-0.0021	/	Pass
				NV	7.70	0.0030	/	Pass
			0	NV	5.70	0.0022	/	Pass
				NV	-3.60	-0.0014	/	Pass
			10	NV	5.10	0.0020	/	Pass
				NV	3.90	0.0015	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-4.20	-0.0017	/	Pass
				HV	4.80	0.0019	/	Pass
			-30	NV	-2.60	-0.0010	/	Pass
				NV	4.70	0.0019	/	Pass
			-10	NV	1.50	0.0006	/	Pass
				NV	3.60	0.0014	/	Pass
			0	NV	-1.10	-0.0004	/	Pass
				NV	-7.00	-0.0028	/	Pass
			10	NV	2.10	0.0008	/	Pass
				NV	4.10	0.0016	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	5.70	0.0022	/	Pass
				HV	-1.40	-0.0006	/	Pass
			-30	NV	4.20	0.0017	/	Pass
				NV	5.70	0.0022	/	Pass
			-10	NV	3.00	0.0012	/	Pass
				NV	-1.30	-0.0005	/	Pass
			0	NV	3.90	0.0015	/	Pass
				NV	3.40	0.0013	/	Pass
			10	NV	6.20	0.0024	/	Pass
				NV	3.20	0.0013	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	NV	10.60	0.0042	/	Pass
				NV	-7.10	-0.0028	/	Pass
				HV	-4.70	-0.0019	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 25 of 471

			-30	NV	3.50	0.0014	/	Pass
			-20	NV	-10.10	-0.0040	/	Pass
			-10	NV	-7.70	-0.0030	/	Pass
			0	NV	-4.50	-0.0018	/	Pass
			10	NV	-3.80	-0.0015	/	Pass
			20	NV	-5.40	-0.0021	/	Pass
			30	NV	-8.00	-0.0032	/	Pass
			40	NV	-5.60	-0.0022	/	Pass
			50	NV	-4.20	-0.0017	/	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-1.20	-0.0005	/	Pass
				HV	-7.60	-0.0030	/	Pass
			-30	NV	-4.60	-0.0018	/	Pass
			-20	NV	-4.30	-0.0017	/	Pass
			-10	NV	-7.50	-0.0030	/	Pass
			0	NV	-6.30	-0.0025	/	Pass
			10	NV	-1.30	-0.0005	/	Pass
			20	NV	-7.00	-0.0028	/	Pass
			30	NV	-8.20	-0.0032	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	40	NV	-5.50	-0.0022	/	Pass
			50	NV	-2.10	-0.0008	/	Pass
			20	LV	-4.90	-0.0019	/	Pass
				HV	-4.80	-0.0019	/	Pass
			-30	NV	-7.20	-0.0028	/	Pass
			-20	NV	-4.80	-0.0019	/	Pass
			-10	NV	-3.10	-0.0012	/	Pass
			0	NV	-7.80	-0.0031	/	Pass
			10	NV	-4.20	-0.0017	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	NV	-5.60	-0.0022	/	Pass
			30	NV	-8.70	-0.0034	/	Pass
			40	NV	-7.30	-0.0029	/	Pass
			50	NV	-6.30	-0.0025	/	Pass
			20	LV	-6.90	-0.0027	/	Pass
				HV	-8.80	-0.0035	/	Pass
			-30	NV	-8.30	-0.0033	/	Pass
			-20	NV	-3.70	-0.0015	/	Pass
			-10	NV	-10.20	-0.0040	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	0	NV	-1.30	-0.0005	/	Pass
			10	NV	-6.30	-0.0025	/	Pass
			20	NV	-2.20	-0.0009	/	Pass
			30	NV	0.70	0.0003	/	Pass
			40	NV	-2.60	-0.0010	/	Pass
			50	NV	-4.70	-0.0019	/	Pass
			20	LV	-5.90	-0.0023	/	Pass
				HV	-11.40	-0.0045	/	Pass
			-30	NV	-3.90	-0.0015	/	Pass
			-20	NV	-4.40	-0.0017	/	Pass
			-10	NV	-4.30	-0.0017	/	Pass
			0	NV	-6.20	-0.0024	/	Pass



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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 26 of 471

			10	NV	-6.50	-0.0026	/	Pass
			20	NV	-1.20	-0.0005	/	Pass
			30	NV	-8.30	-0.0033	/	Pass
			40	NV	-4.10	-0.0016	/	Pass
			50	NV	-7.20	-0.0028	/	Pass



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

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

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

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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 27 of 471

3. 99% & 26dB Bandwidth

3.1 15k_SISO_5MHz_NTNV

3.1.1 Test Result

5G NR n7 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2502.5	Outer_Full	4.52	5.03	/	Pass
	2535	Outer_Full	4.52	5.06	/	Pass
	2567.5	Outer_Full	4.52	5.04	/	Pass
DFT-s-OFDM QPSK	2502.5	Outer_Full	4.52	5.04	/	Pass
	2535	Outer_Full	4.52	5.05	/	Pass
	2567.5	Outer_Full	4.52	5.06	/	Pass
DFT-s-OFDM 16 QAM	2502.5	Outer_Full	4.54	5.04	/	Pass
	2535	Outer_Full	4.54	5.04	/	Pass
	2567.5	Outer_Full	4.54	5.04	/	Pass
DFT-s-OFDM 64 QAM	2502.5	Outer_Full	4.53	5.04	/	Pass
	2535	Outer_Full	4.53	5.04	/	Pass
	2567.5	Outer_Full	4.53	5.03	/	Pass
DFT-s-OFDM 256 QAM	2502.5	Outer_Full	4.53	5.06	/	Pass
	2535	Outer_Full	4.54	5.08	/	Pass
	2567.5	Outer_Full	4.53	5.08	/	Pass
CP-OFDM QPSK	2502.5	Outer_Full	4.53	5.07	/	Pass
	2535	Outer_Full	4.53	5.08	/	Pass
	2567.5	Outer_Full	4.53	5.09	/	Pass
CP-OFDM 16 QAM	2502.5	Outer_Full	4.57	5.10	/	Pass
	2535	Outer_Full	4.57	5.10	/	Pass
	2567.5	Outer_Full	4.57	5.10	/	Pass
CP-OFDM 64 QAM	2502.5	Outer_Full	4.53	5.09	/	Pass
	2535	Outer_Full	4.54	5.04	/	Pass
	2567.5	Outer_Full	4.55	5.09	/	Pass
CP-OFDM 256 QAM	2502.5	Outer_Full	4.54	5.07	/	Pass
	2535	Outer_Full	4.54	5.04	/	Pass
	2567.5	Outer_Full	4.54	5.08	/	Pass



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

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

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



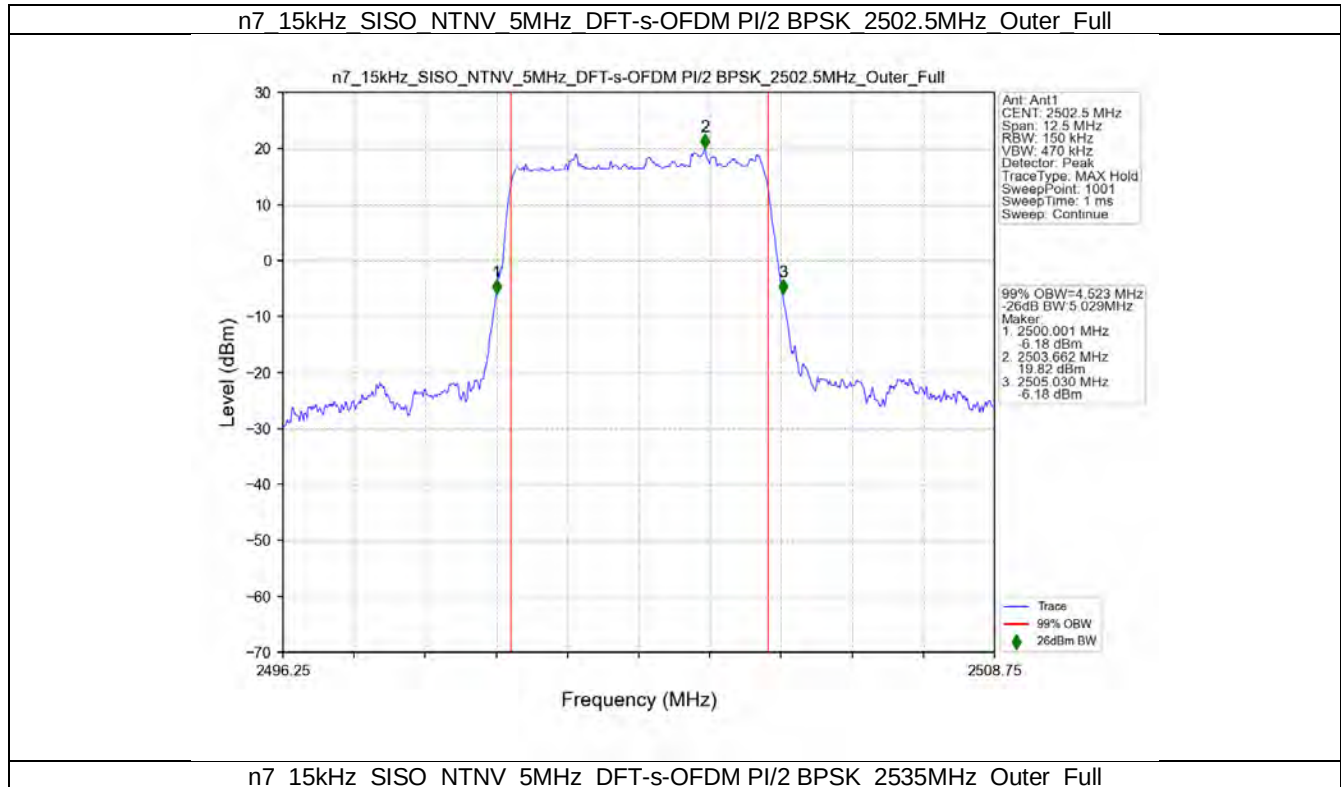
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 28 of 471

3.1.2 Test Graph



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 www.sgs.com
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 sgs.china@sgs.com

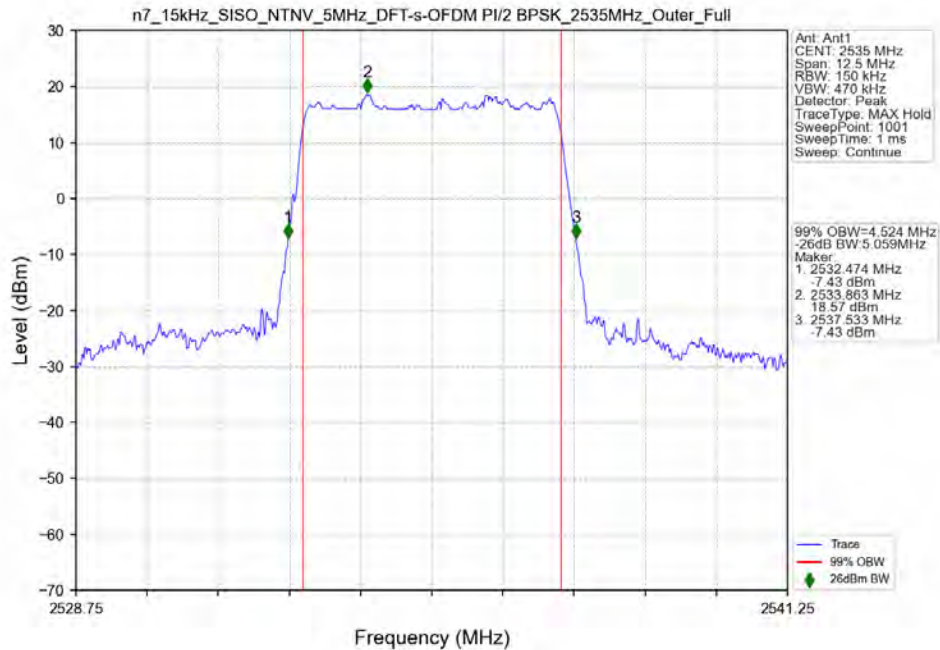


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 29 of 471



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 www.sgs.com
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 sgs.china@sgs.com



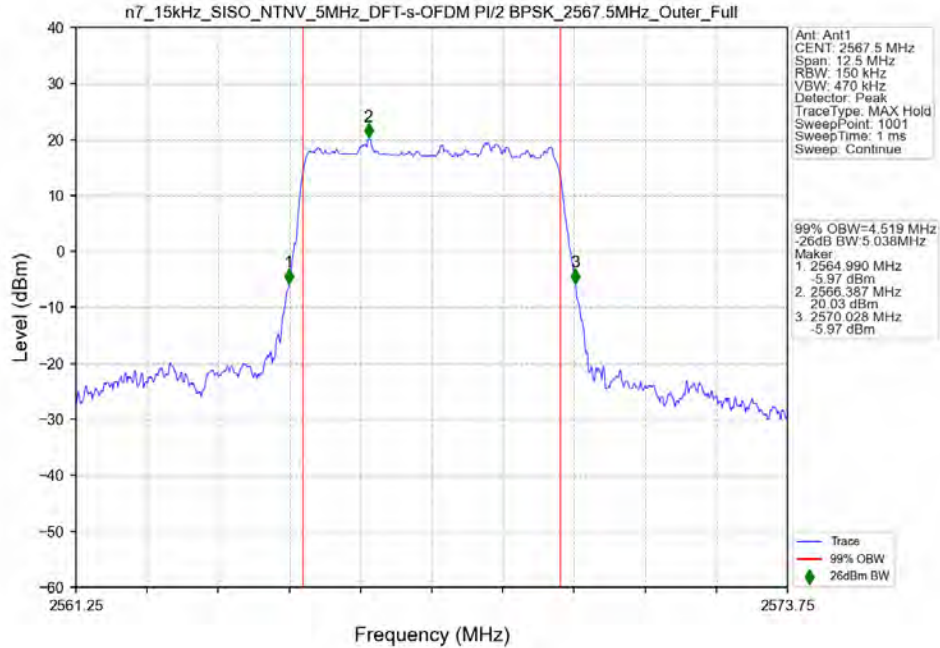
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 30 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2502.5MHz_Outer_Full



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

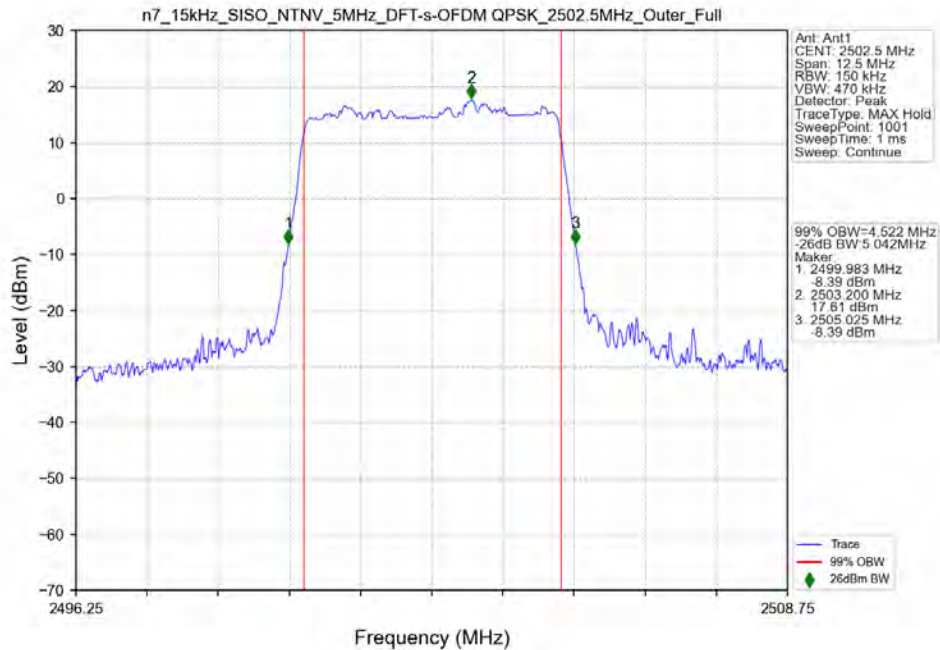


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 31 of 471



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 www.sgs.com
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 sgs.china@sgs.com



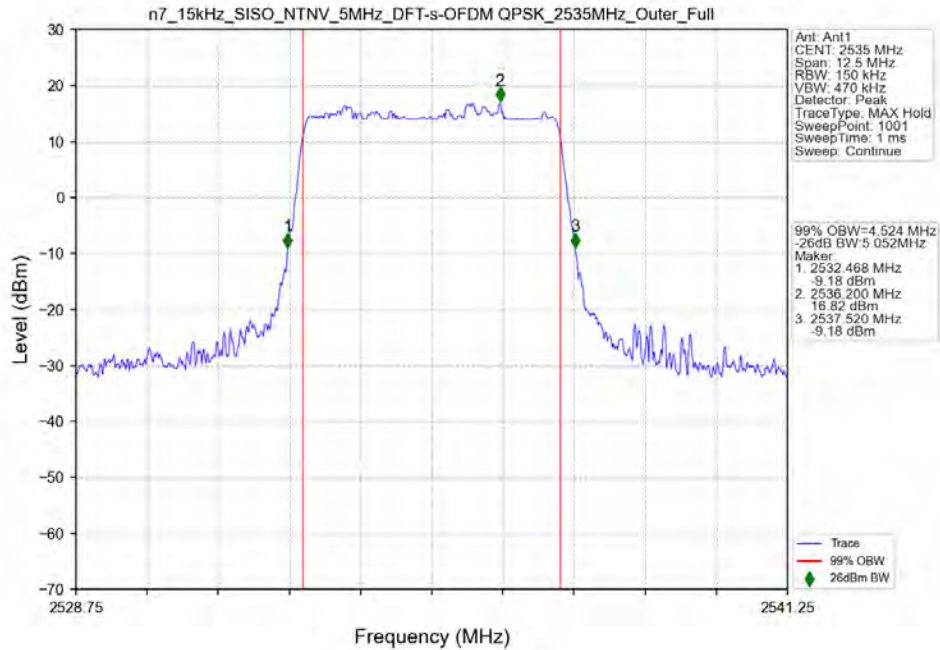
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 32 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2567.5MHz_Outer_Full



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

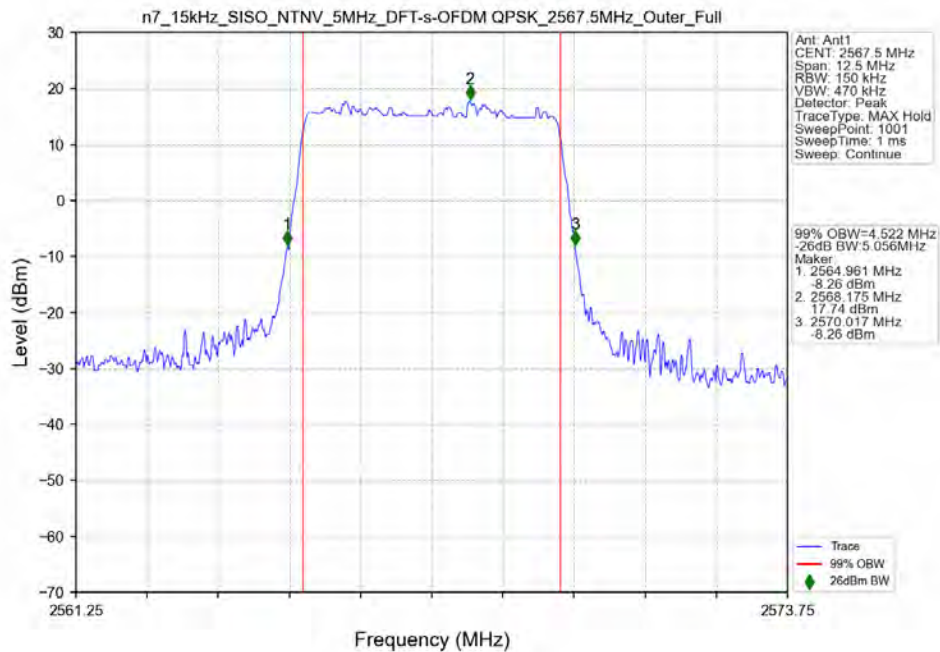


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 33 of 471



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 www.sgs.com
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 sgs.china@sgs.com



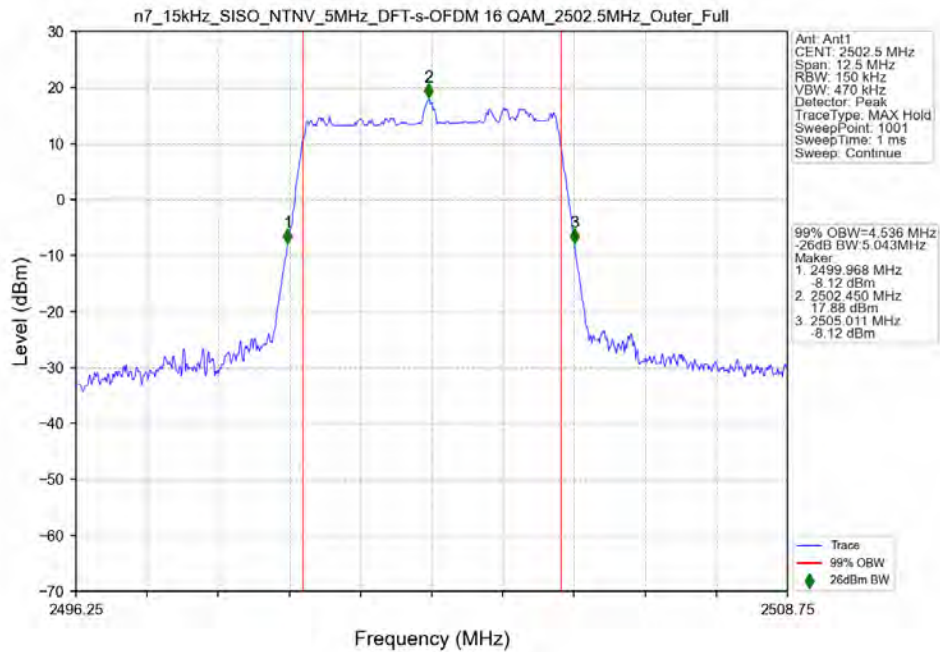
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 34 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_2502.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full



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

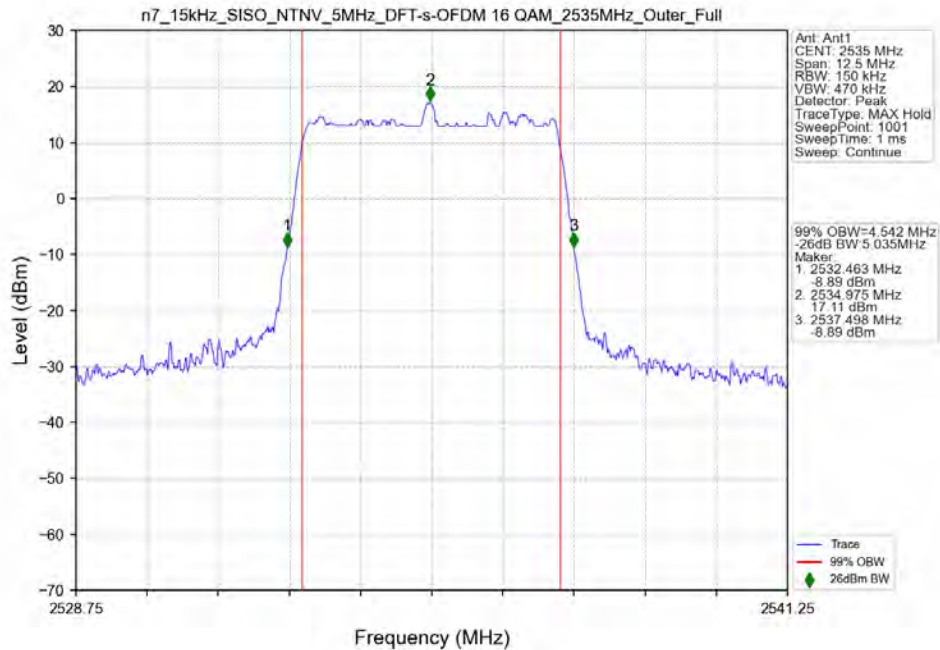


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 35 of 471



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 www.sgs.com
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 sgs.china@sgs.com



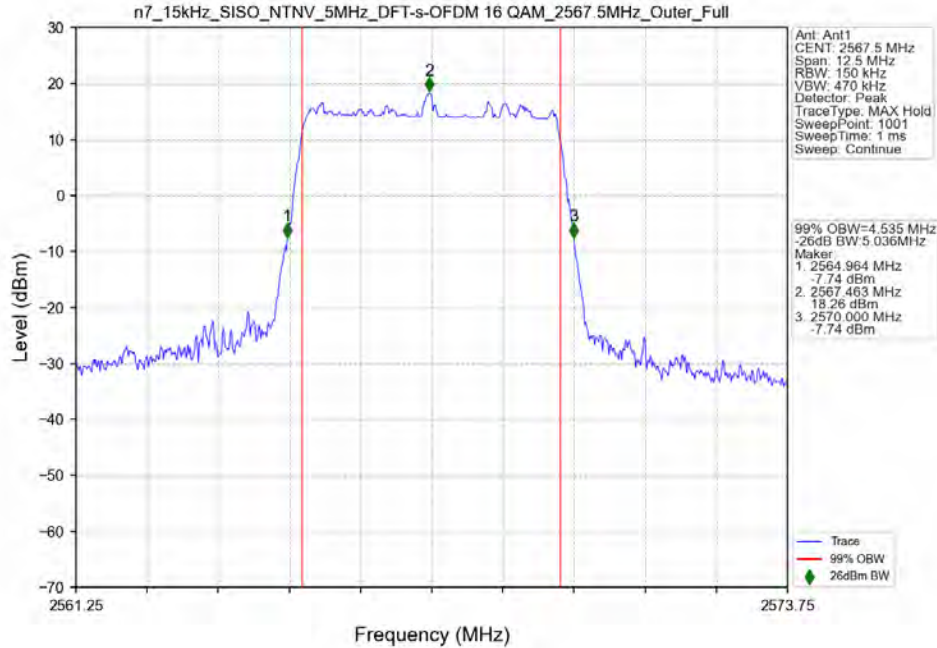
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 36 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_2502.5MHz_Outer_Full



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

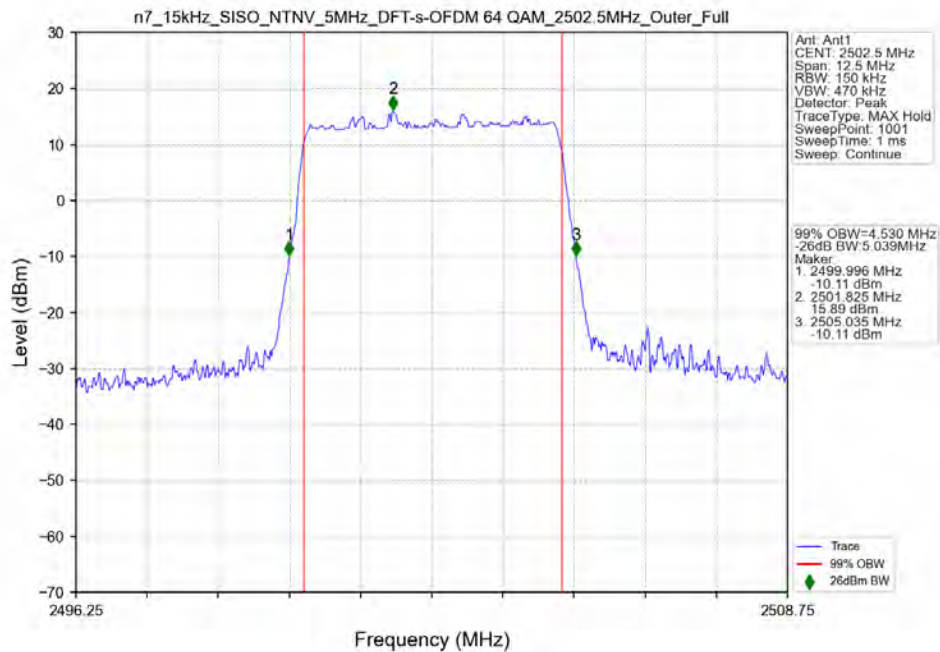


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 37 of 471



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



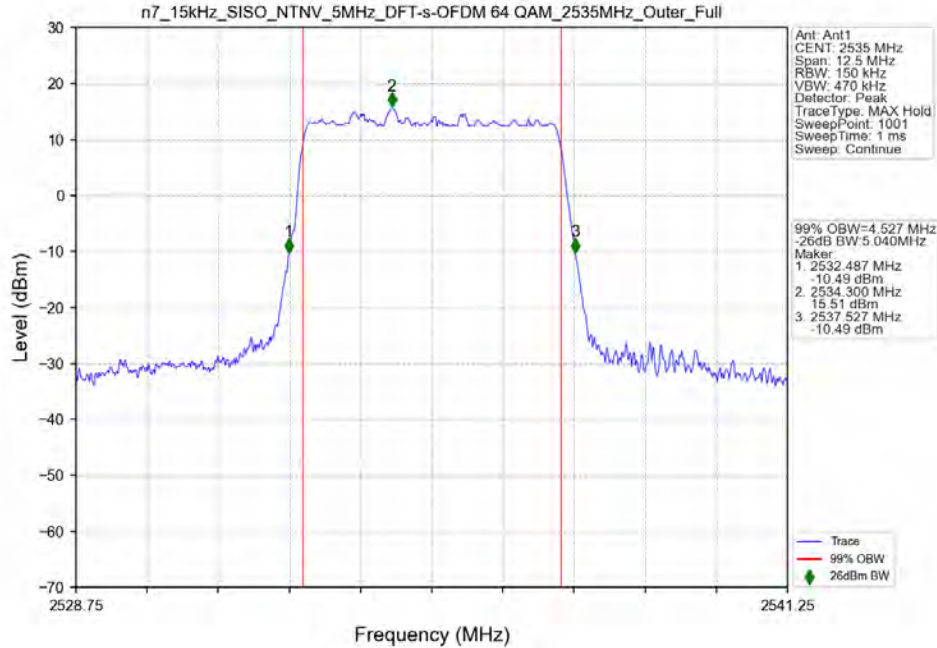
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 38 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_2567.5MHz_Outer_Full



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

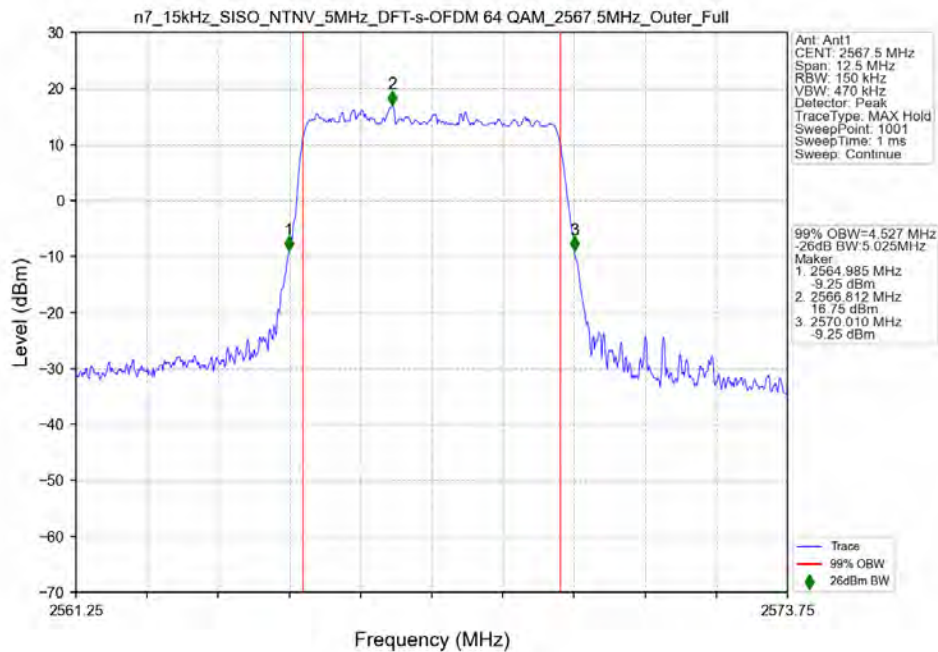


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 39 of 471



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 www.sgs.com
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 sgs.china@sgs.com



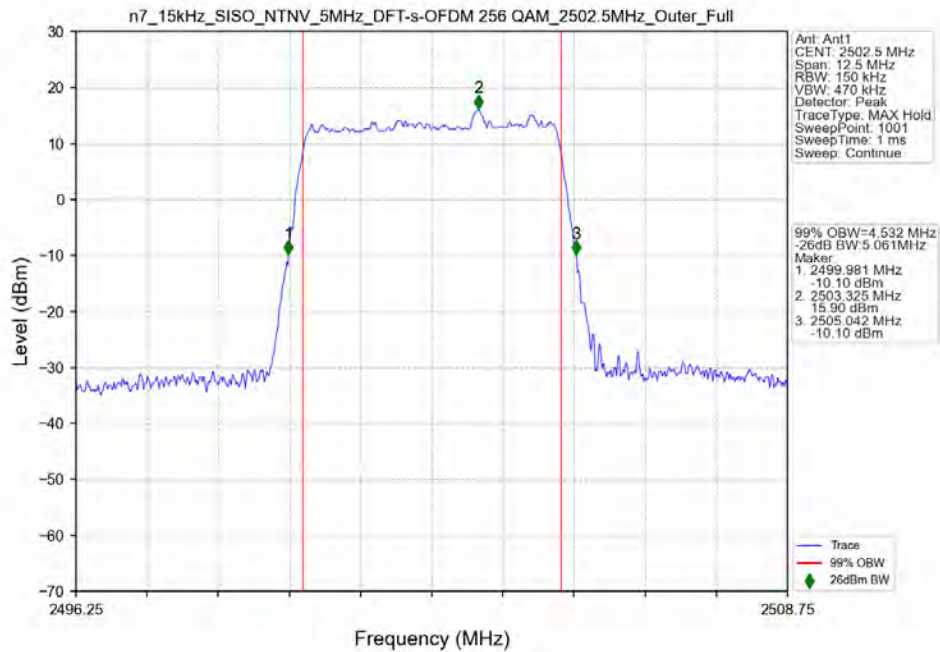
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 40 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_2502.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full



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

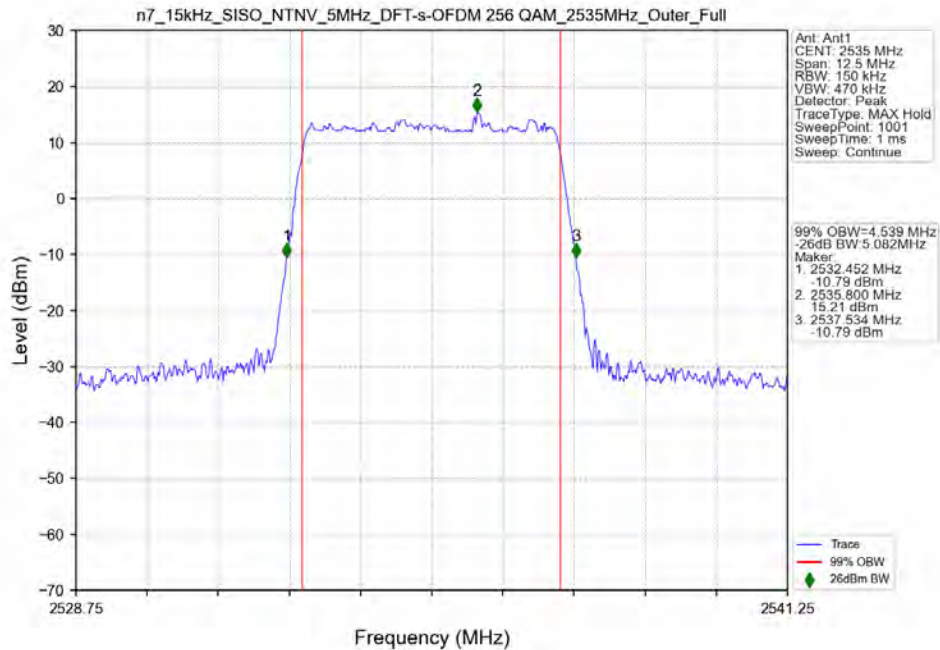


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 41 of 471



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 www.sgs.com
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 sgs.china@sgs.com



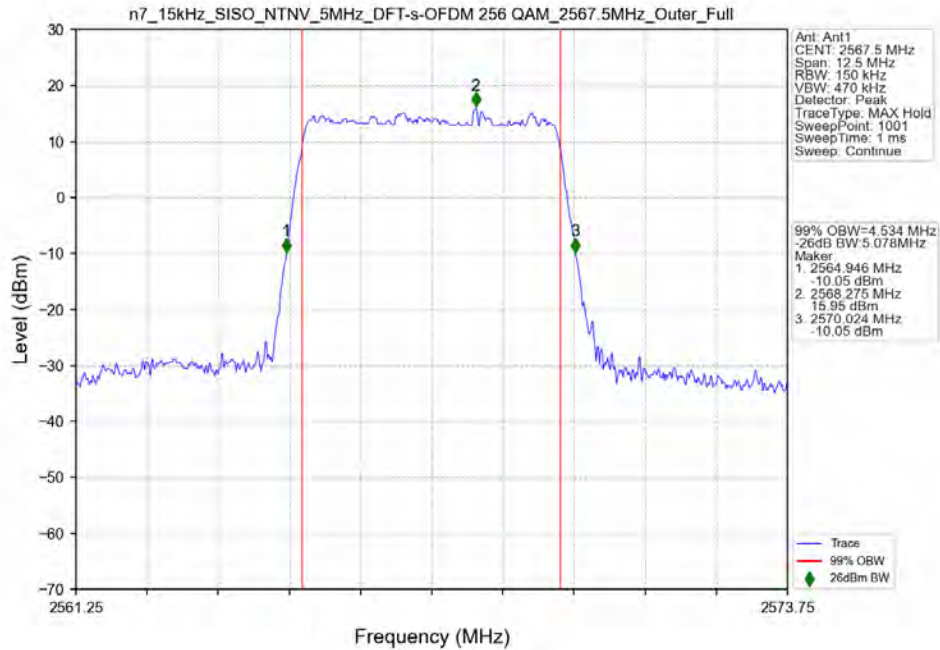
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 42 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Outer_Full



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

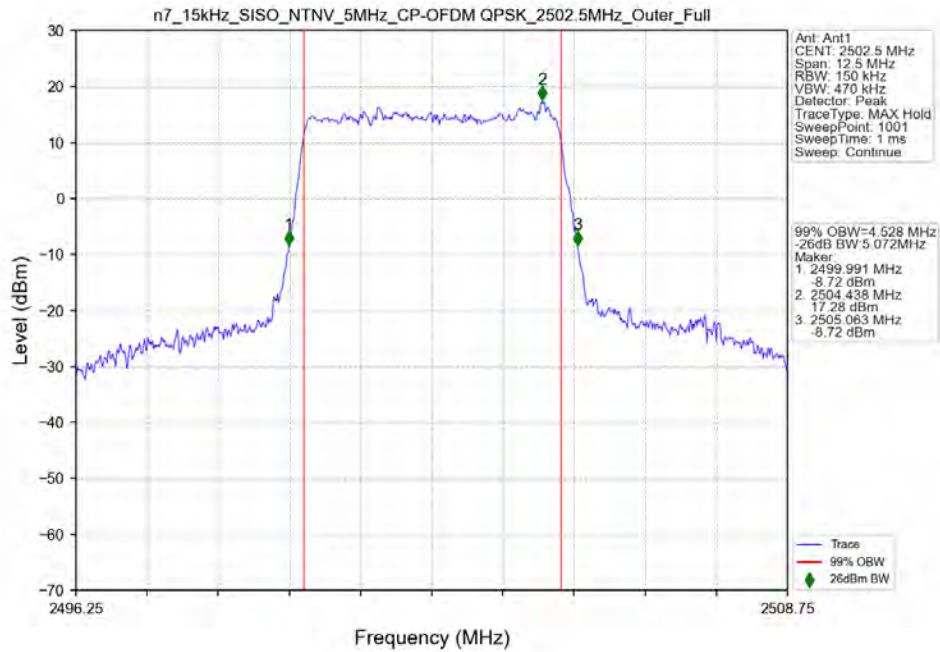


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 43 of 471



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 www.sgs.com
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 sgs.china@sgs.com



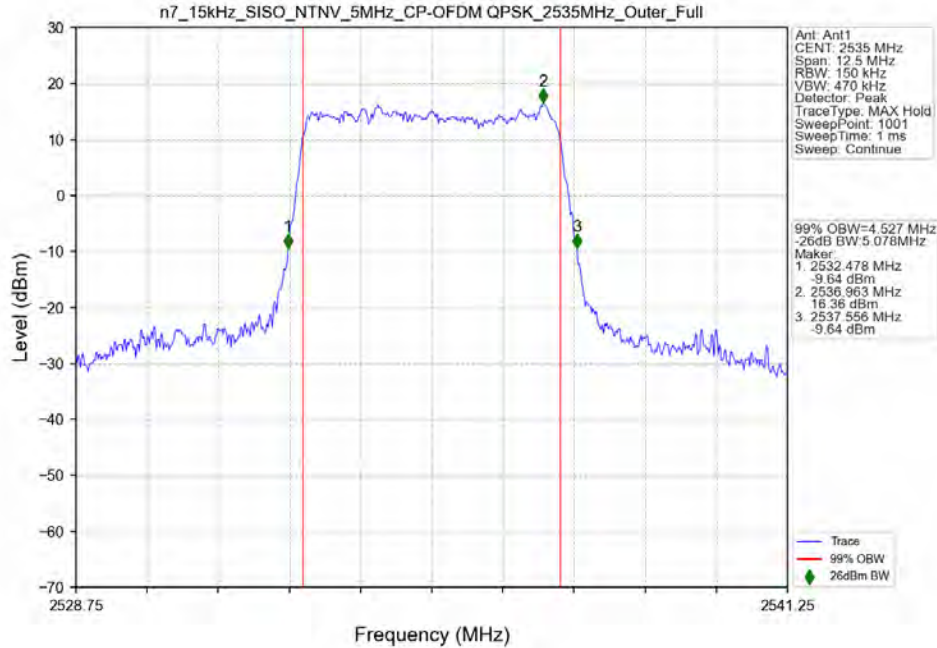
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 44 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2567.5MHz_Outer_Full



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

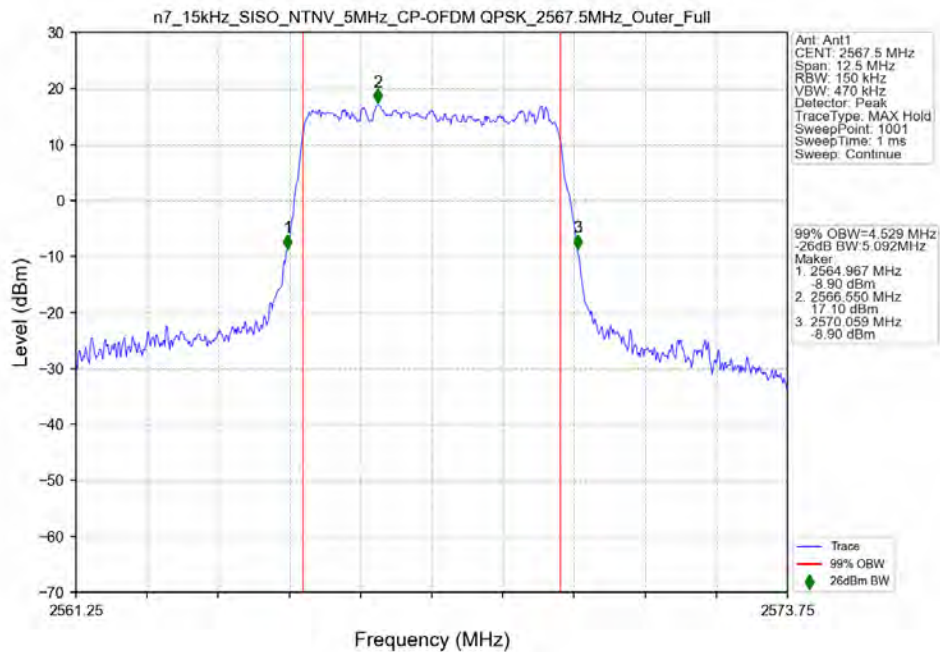


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 45 of 471



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



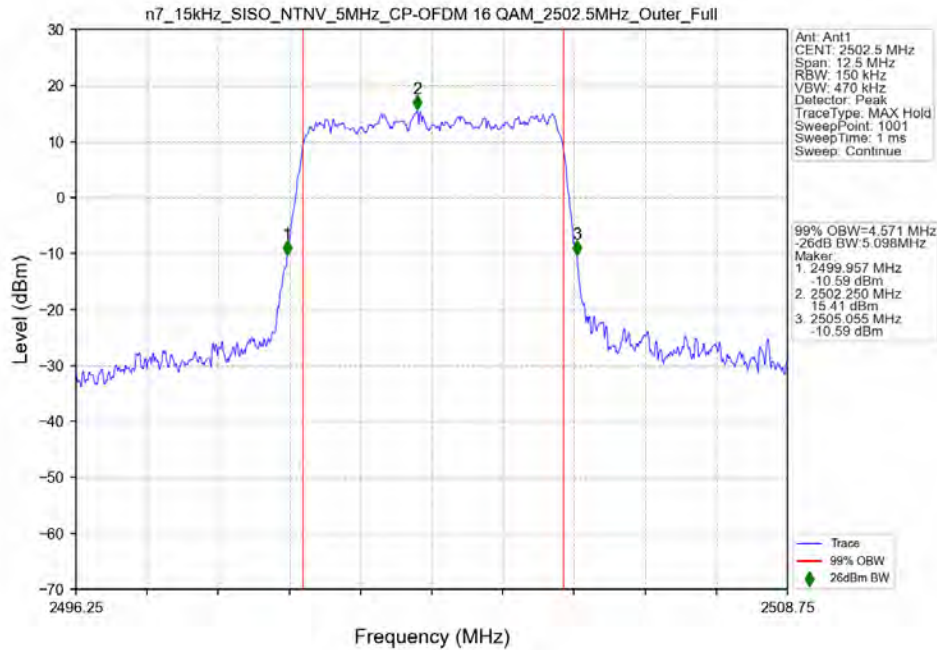
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 46 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_2502.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_2535MHz_Outer_Full



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

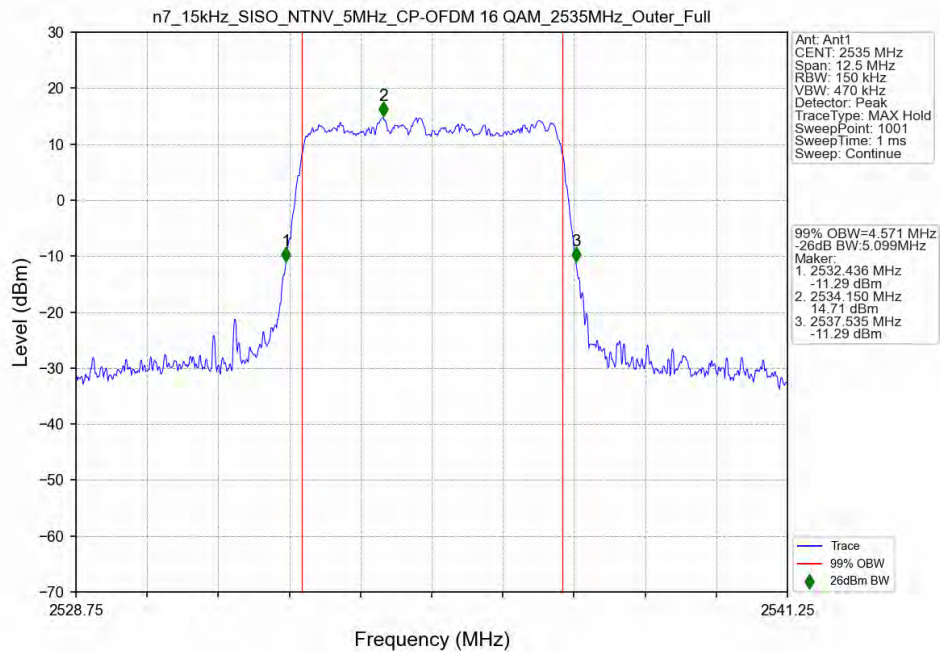


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 47 of 471



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 www.sgs.com
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 sgs.china@sgs.com



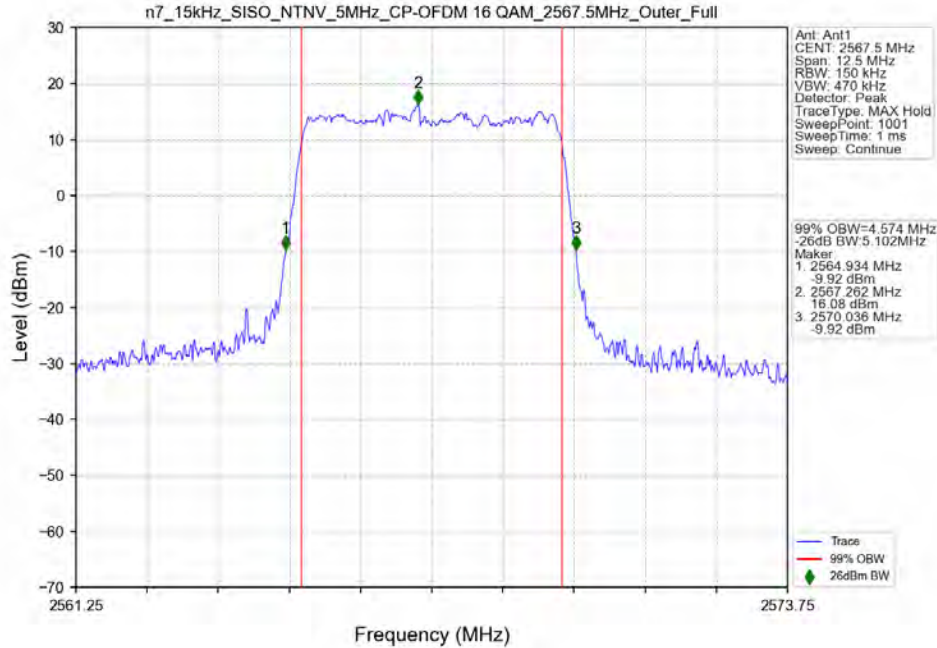
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 48 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_64 QAM_2502.5MHz_Outer_Full



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

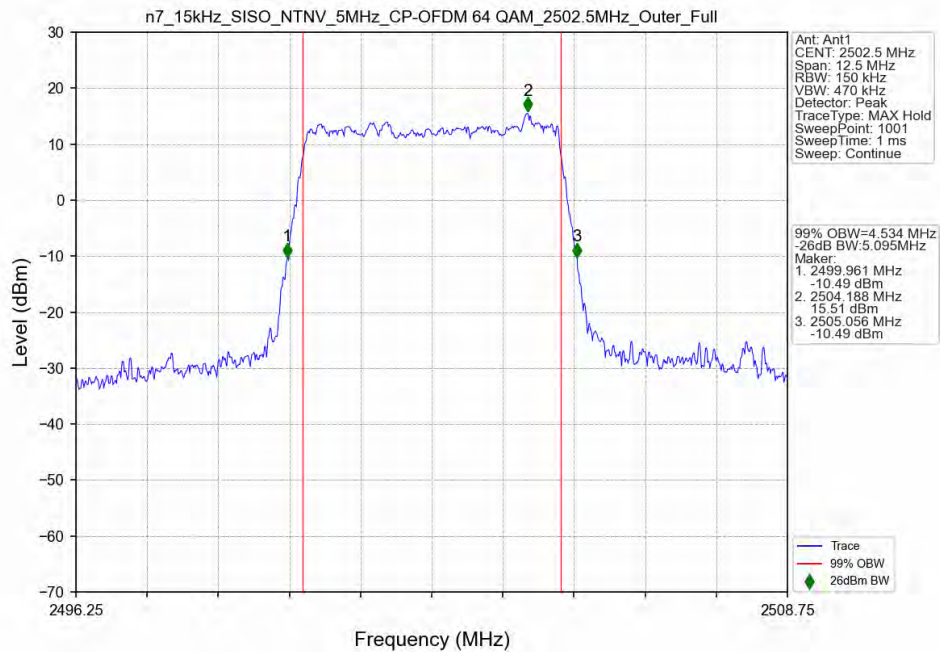


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 49 of 471



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 www.sgs.com
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 sgs.china@sgs.com



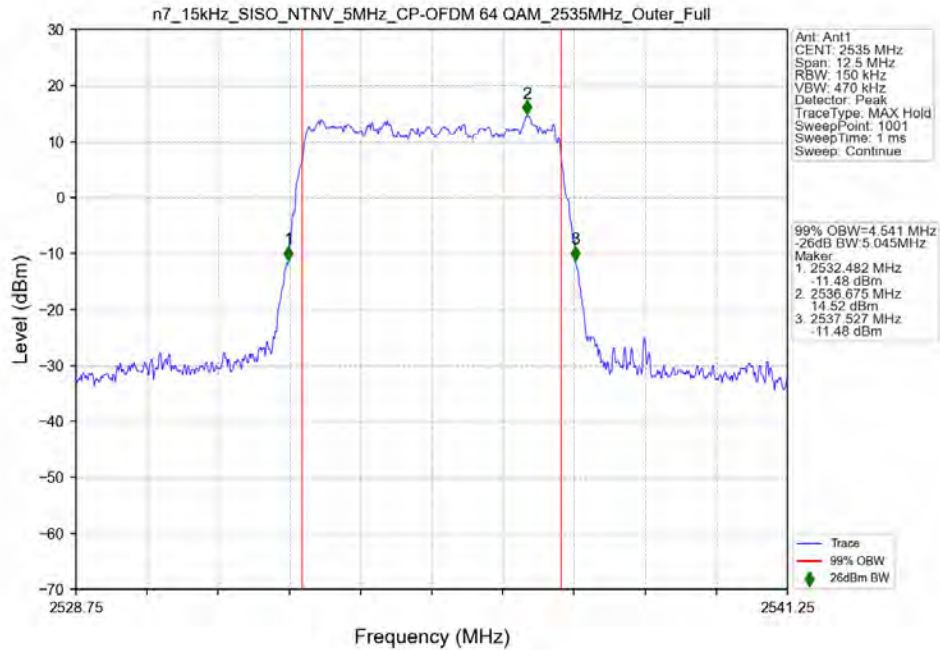
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 50 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_64_QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_64_QAM_2567.5MHz_Outer_Full



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

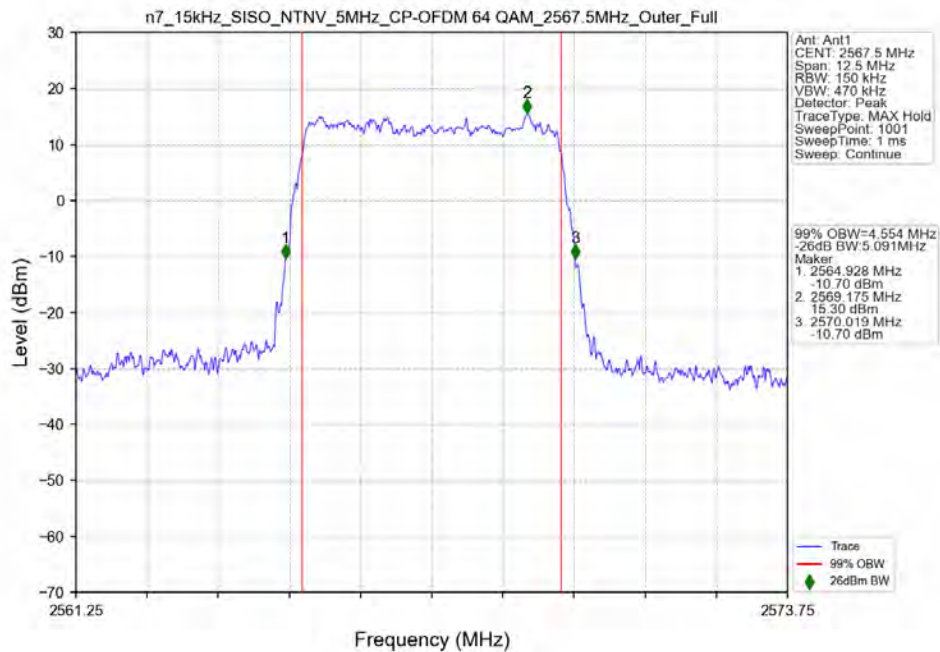


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 51 of 471



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 www.sgs.com
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 sgs.china@sgs.com



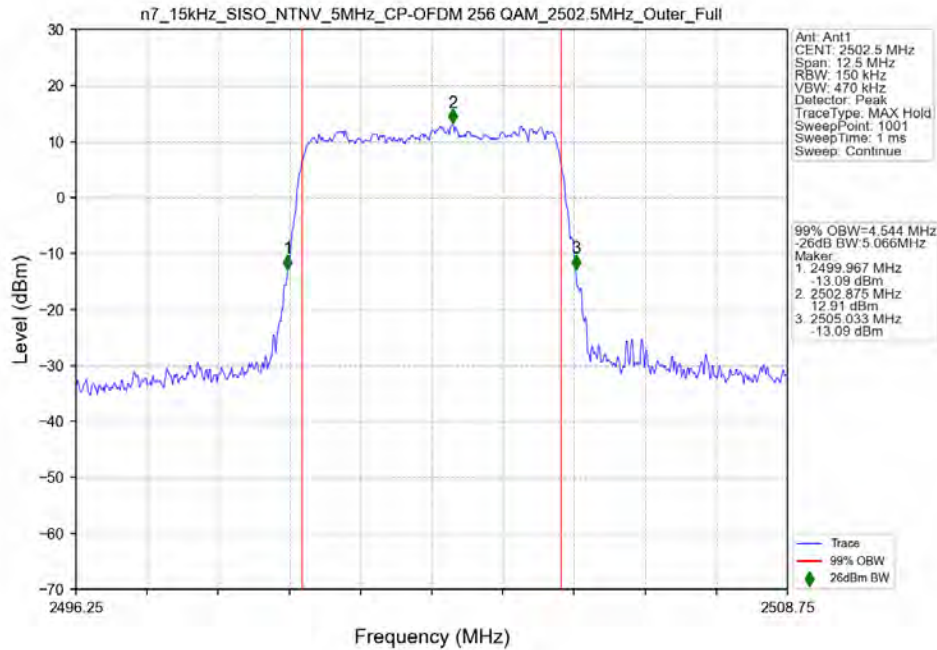
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 52 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_2502.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full



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

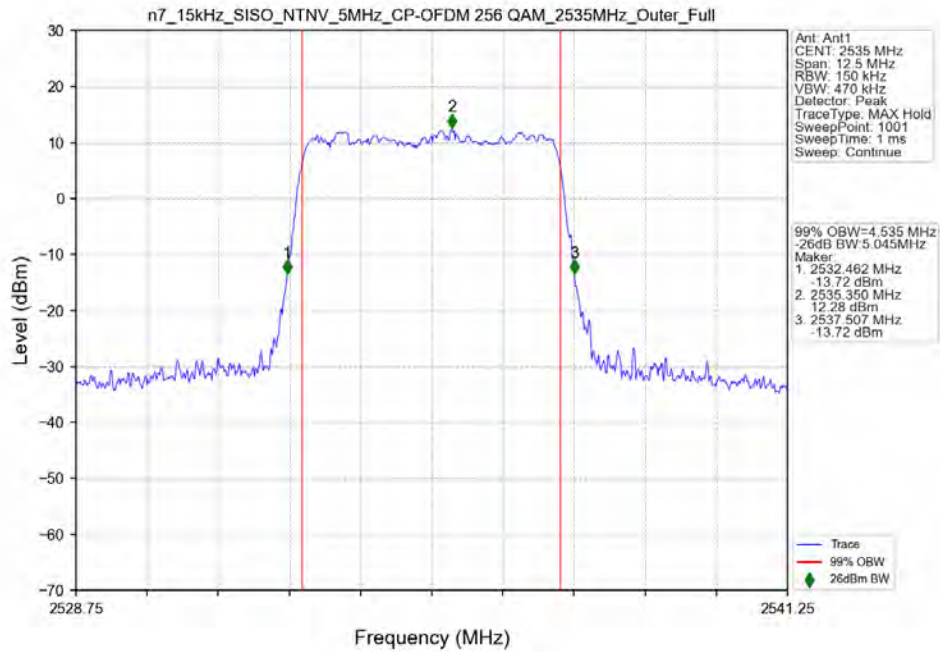


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 53 of 471



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 www.sgs.com
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 sgs.china@sgs.com



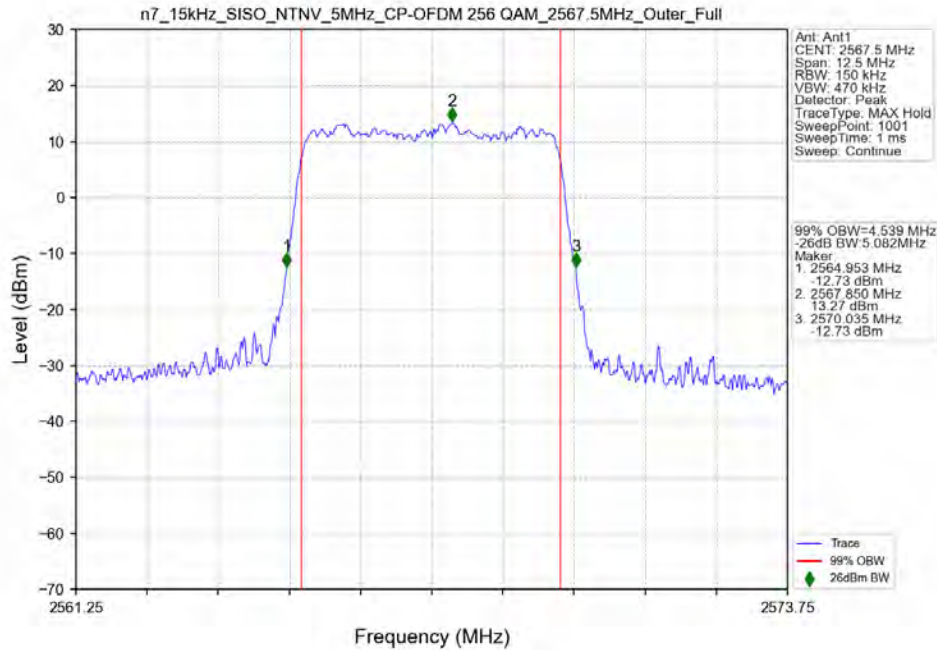
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 54 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_2567.5MHz_Outer_Full



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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 55 of 471

3.2 15k_SISO_10MHz_NTNV

3.2.1 Test Result

5G NR n7 SCS=15kHz SISO 10MHz NTVN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2505	Outer Full	9.03	9.80	/	Pass
	2535	Outer Full	9.05	9.82	/	Pass
	2565	Outer Full	9.03	9.83	/	Pass
DFT-s-OFDM QPSK	2505	Outer Full	9.06	9.88	/	Pass
	2535	Outer Full	9.07	9.90	/	Pass
	2565	Outer Full	9.07	9.86	/	Pass
DFT-s-OFDM 16 QAM	2505	Outer Full	9.06	9.84	/	Pass
	2535	Outer Full	9.07	9.89	/	Pass
	2565	Outer Full	9.07	9.83	/	Pass
DFT-s-OFDM 64 QAM	2505	Outer Full	9.04	9.87	/	Pass
	2535	Outer Full	9.05	9.87	/	Pass
	2565	Outer Full	9.04	9.78	/	Pass
DFT-s-OFDM 256 QAM	2505	Outer Full	9.04	9.85	/	Pass
	2535	Outer Full	9.05	9.87	/	Pass
	2565	Outer Full	9.05	9.94	/	Pass
CP-OFDM QPSK	2505	Outer Full	9.37	10.21	/	Pass
	2535	Outer Full	9.37	10.23	/	Pass
	2565	Outer Full	9.36	10.23	/	Pass
CP-OFDM 16 QAM	2505	Outer Full	9.37	10.24	/	Pass
	2535	Outer Full	9.39	10.23	/	Pass
	2565	Outer Full	9.37	10.24	/	Pass
CP-OFDM 64 QAM	2505	Outer Full	9.35	10.20	/	Pass
	2535	Outer Full	9.36	10.18	/	Pass
	2565	Outer Full	9.35	10.16	/	Pass
CP-OFDM 256 QAM	2505	Outer Full	9.38	10.27	/	Pass
	2535	Outer Full	9.42	10.26	/	Pass
	2565	Outer Full	9.38	10.23	/	Pass



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

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

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

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



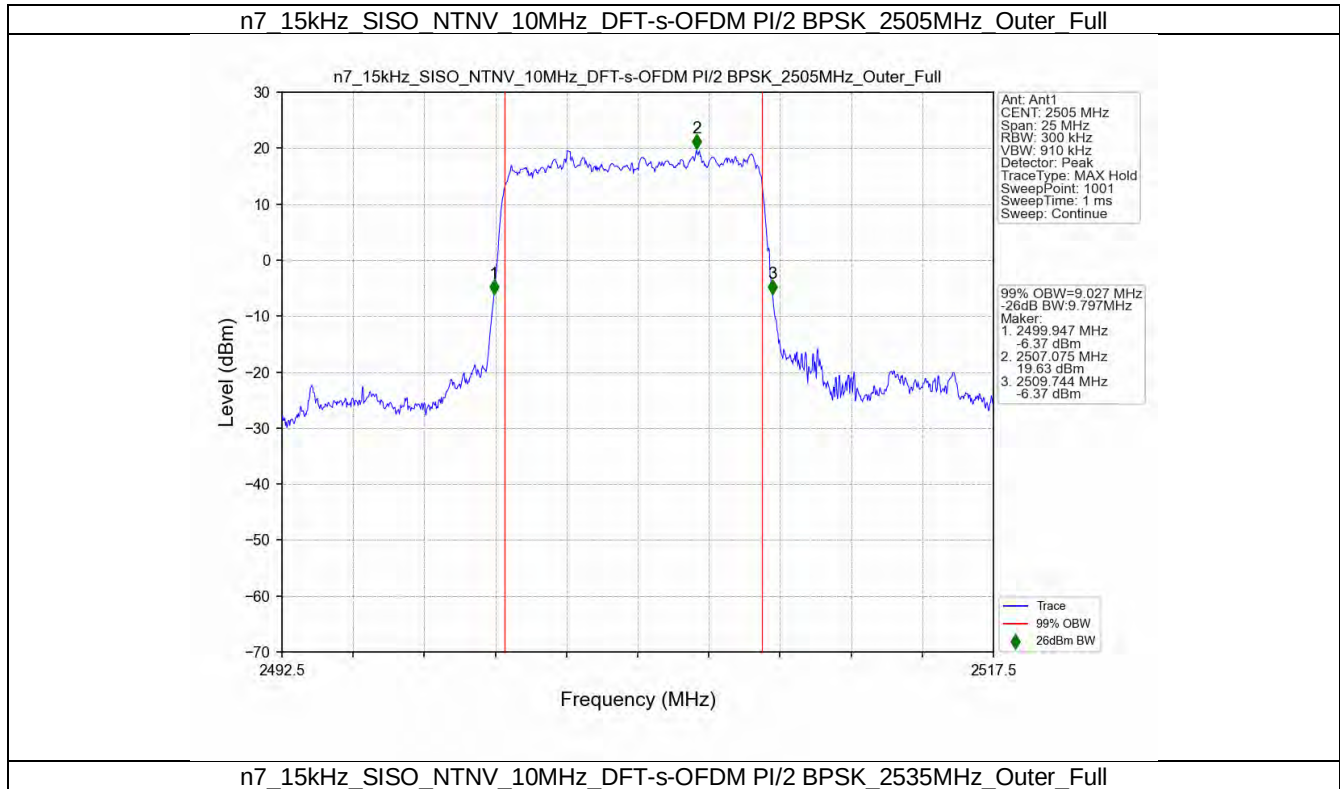
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 56 of 471

3.2.2 Test Graph



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 www.sgs.com
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 sgs.china@sgs.com

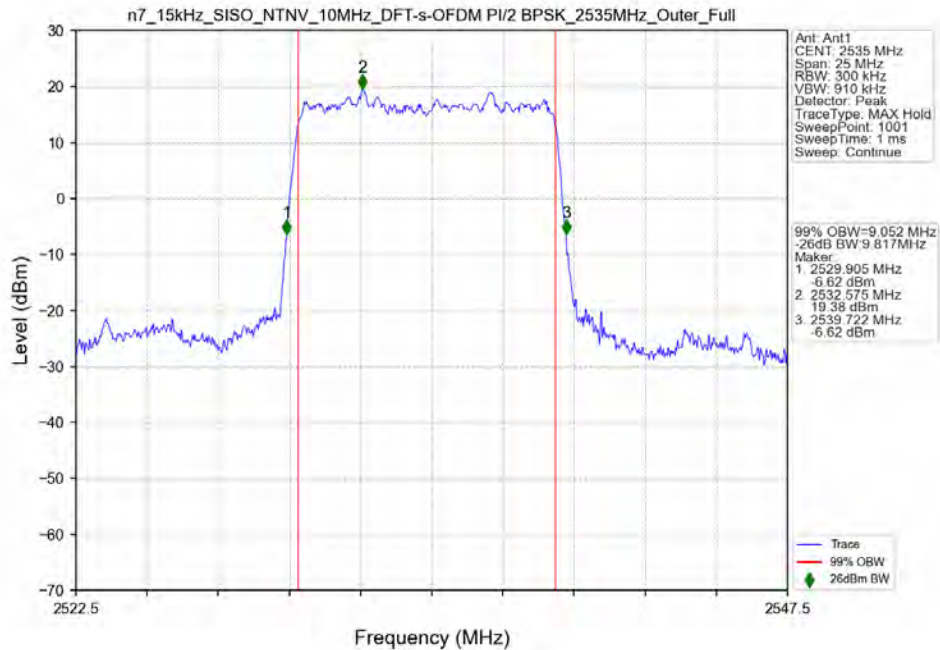


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 57 of 471



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 www.sgs.com
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 sgs.china@sgs.com



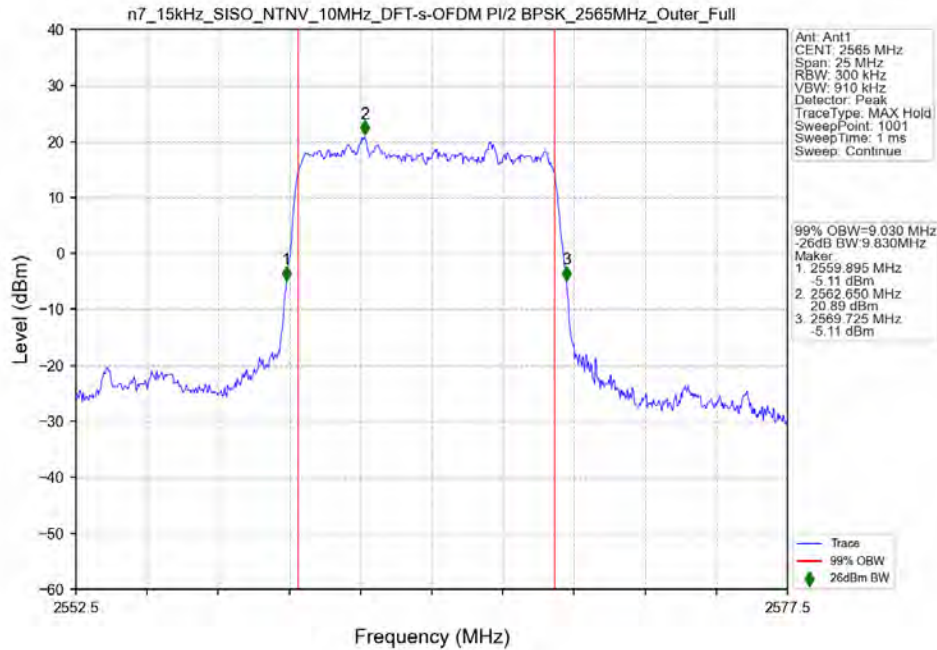
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 58 of 471

n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2565MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2505MHz_Outer_Full



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

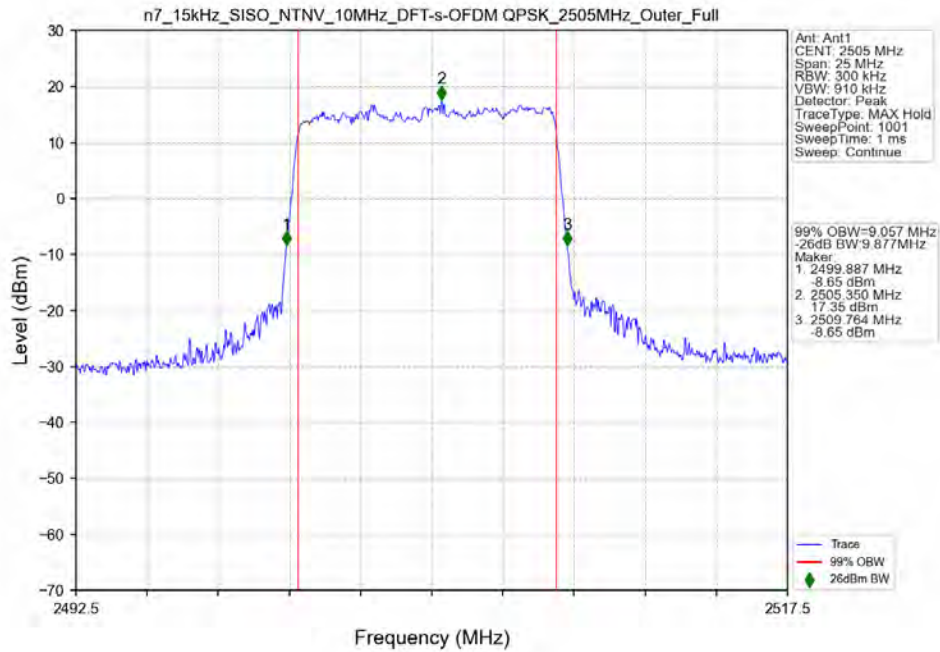


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 59 of 471



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 www.sgs.com
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 sgs.china@sgs.com



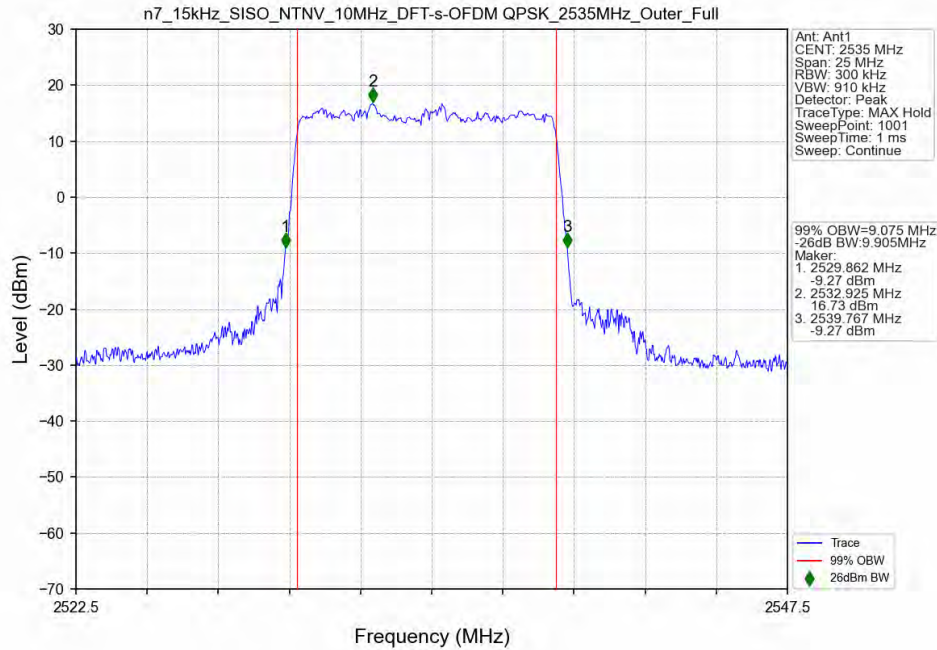
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 60 of 471

n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2565MHz_Outer_Full



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 www.sgs.com
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 sgs.china@sgs.com

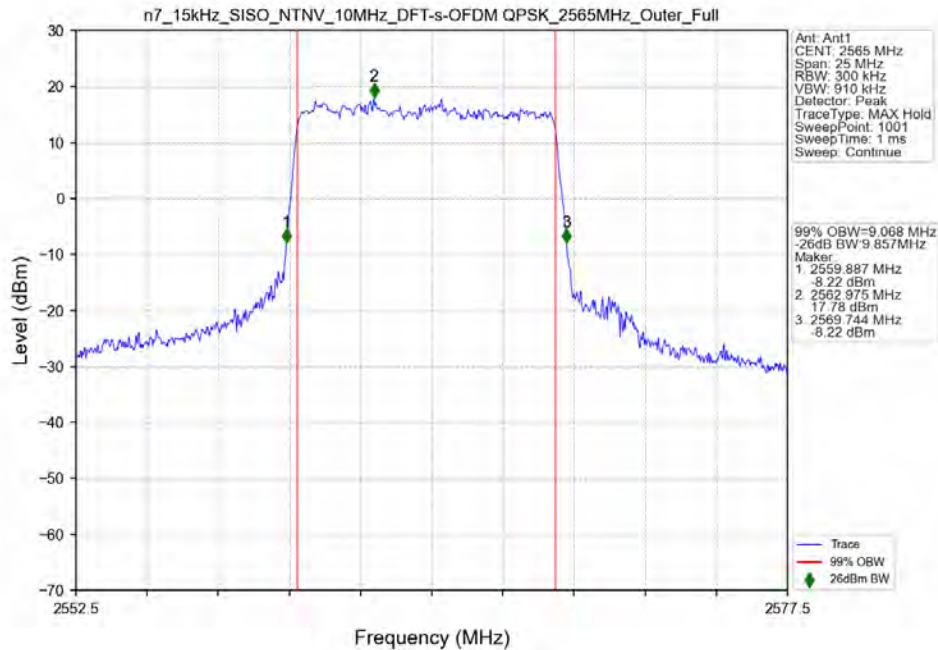


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 61 of 471



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 www.sgs.com
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 sgs.china@sgs.com



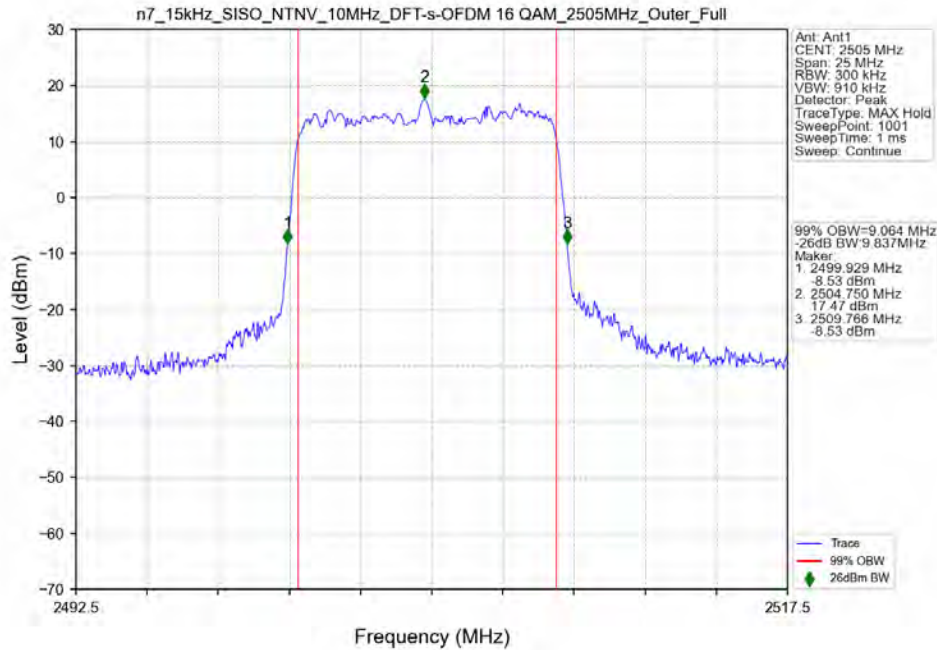
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 62 of 471

n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2505MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full



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

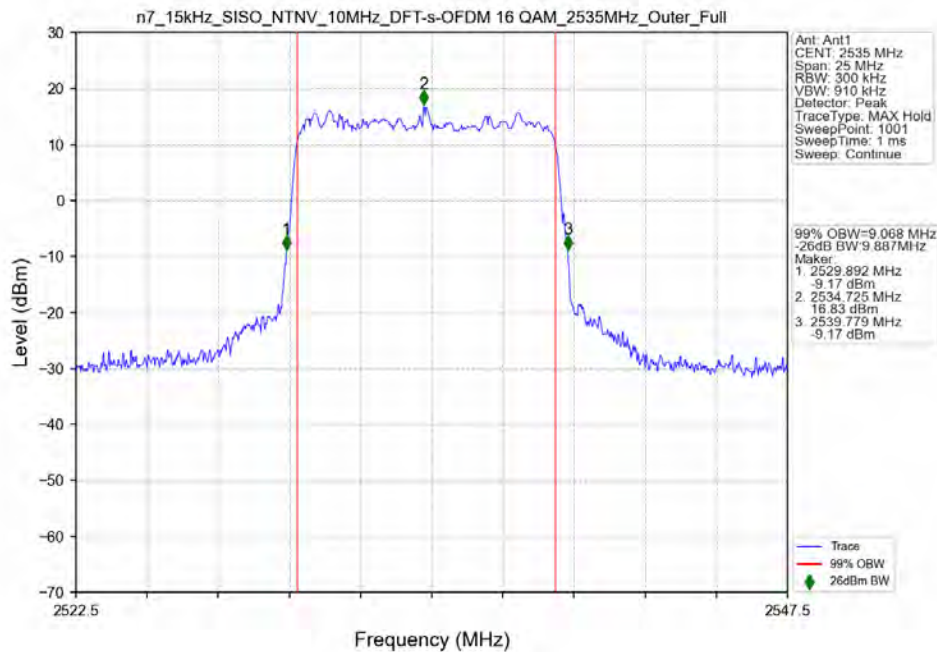


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 63 of 471



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 www.sgs.com
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 sgs.china@sgs.com



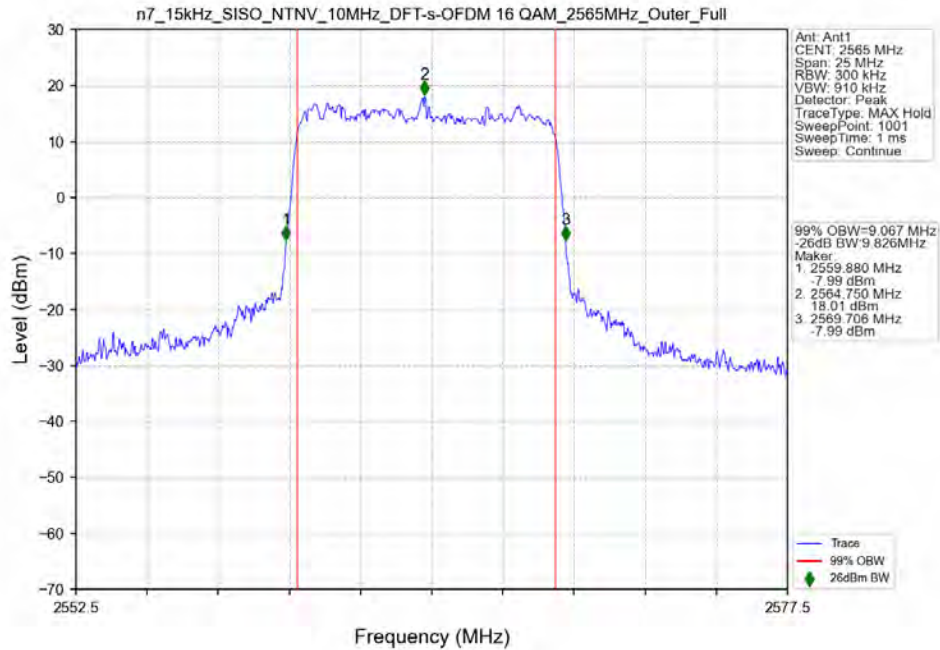
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 64 of 471

n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2565MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2505MHz_Outer_Full



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

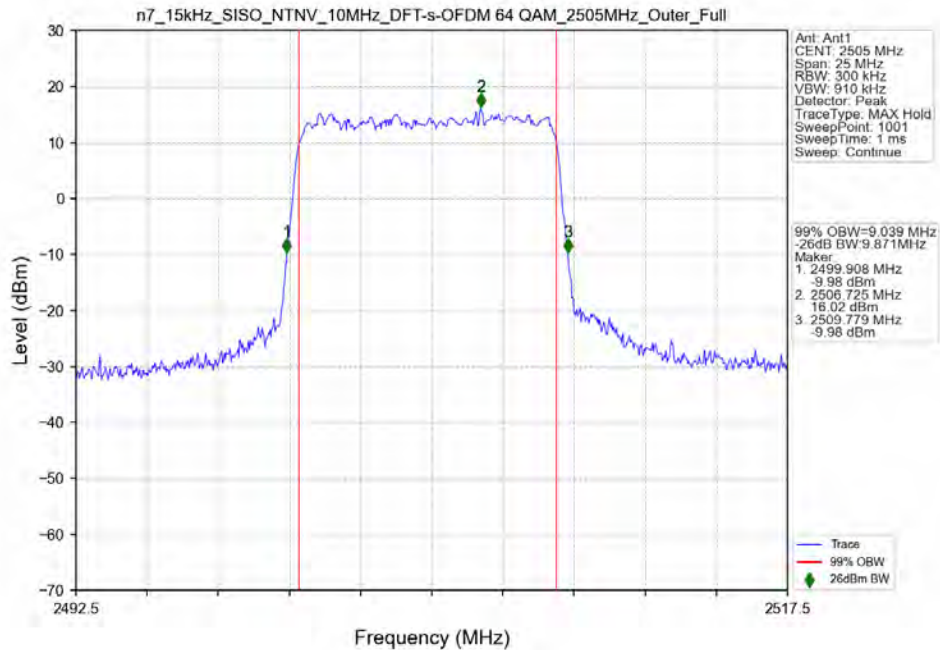


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 65 of 471



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 www.sgs.com
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 sgs.china@sgs.com



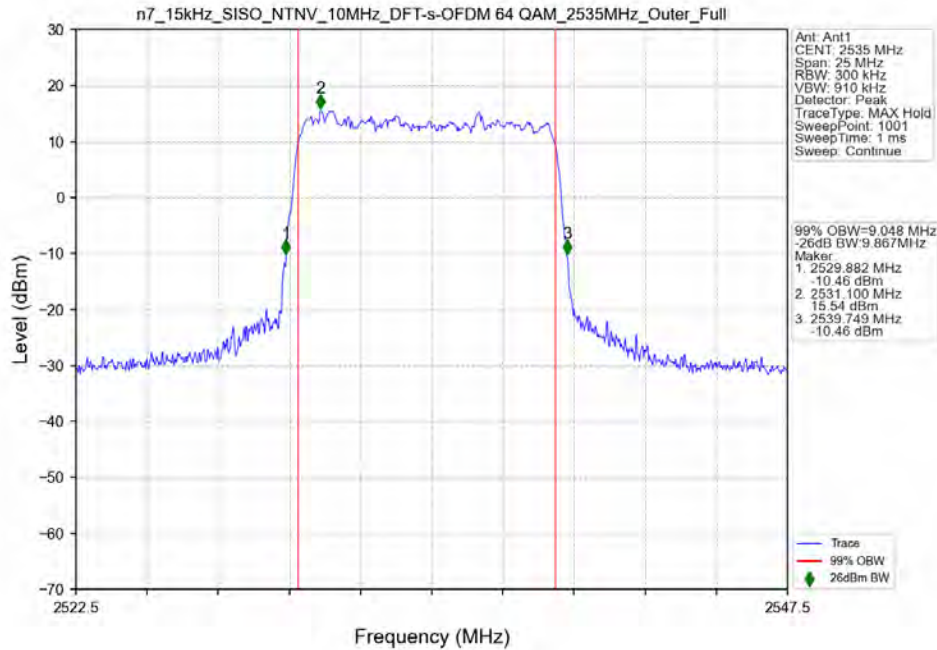
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 66 of 471

n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2565MHz_Outer_Full



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

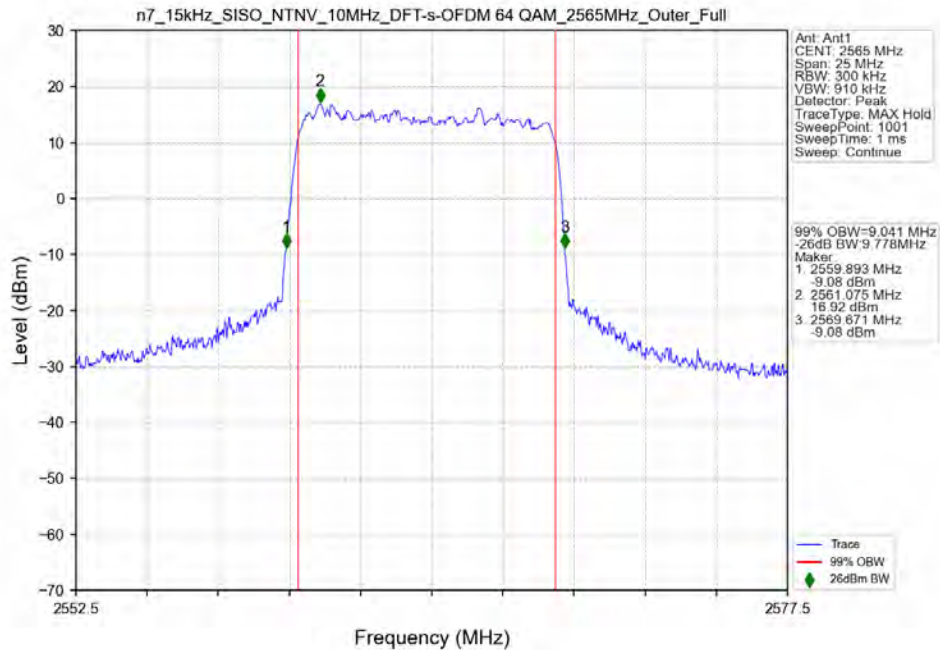


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 67 of 471



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 www.sgs.com
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 sgs.china@sgs.com



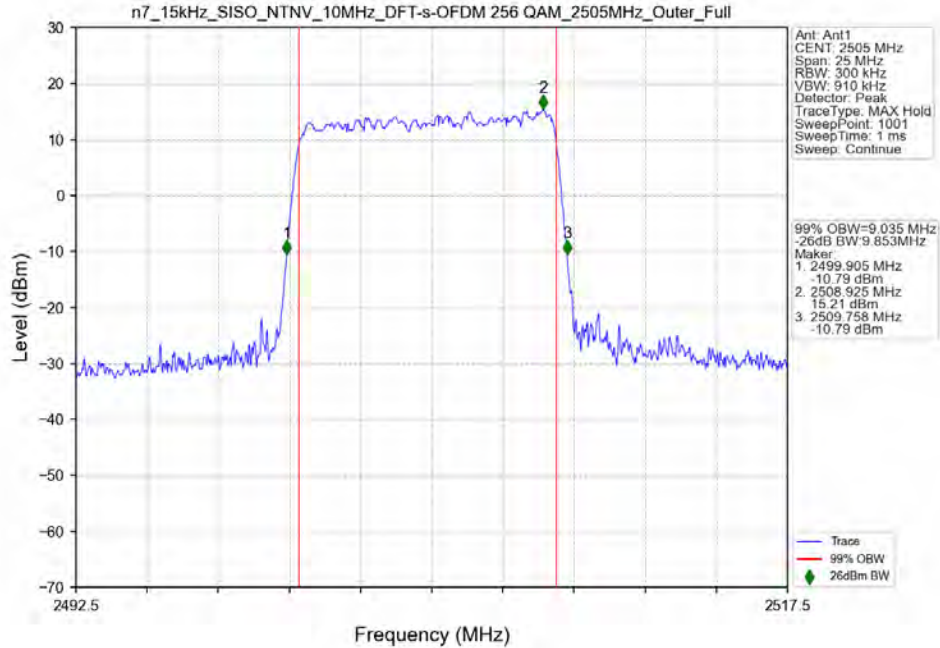
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 68 of 471

n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2505MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full



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

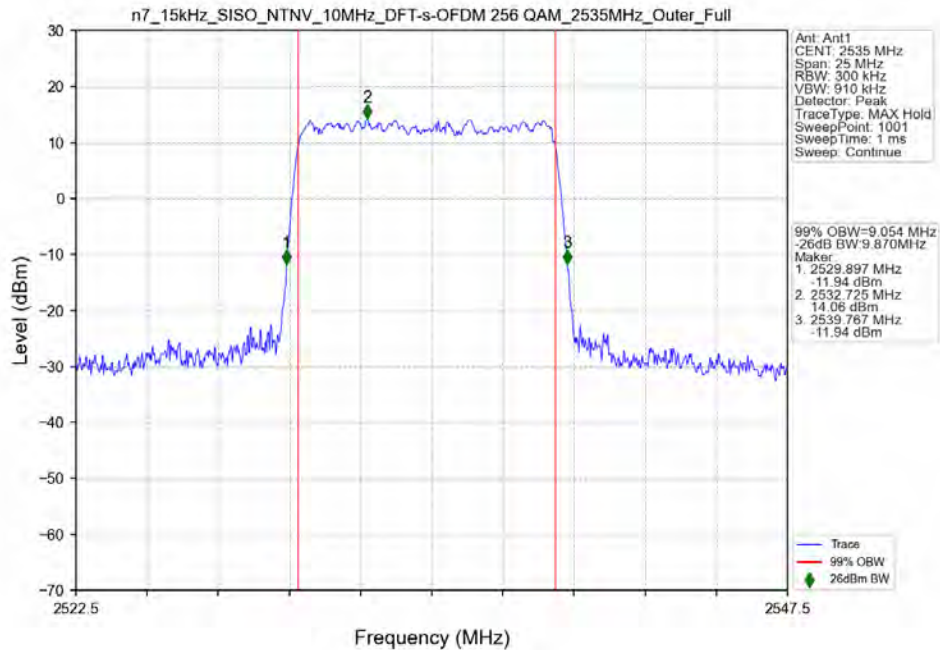


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 69 of 471



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 www.sgs.com
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 sgs.china@sgs.com



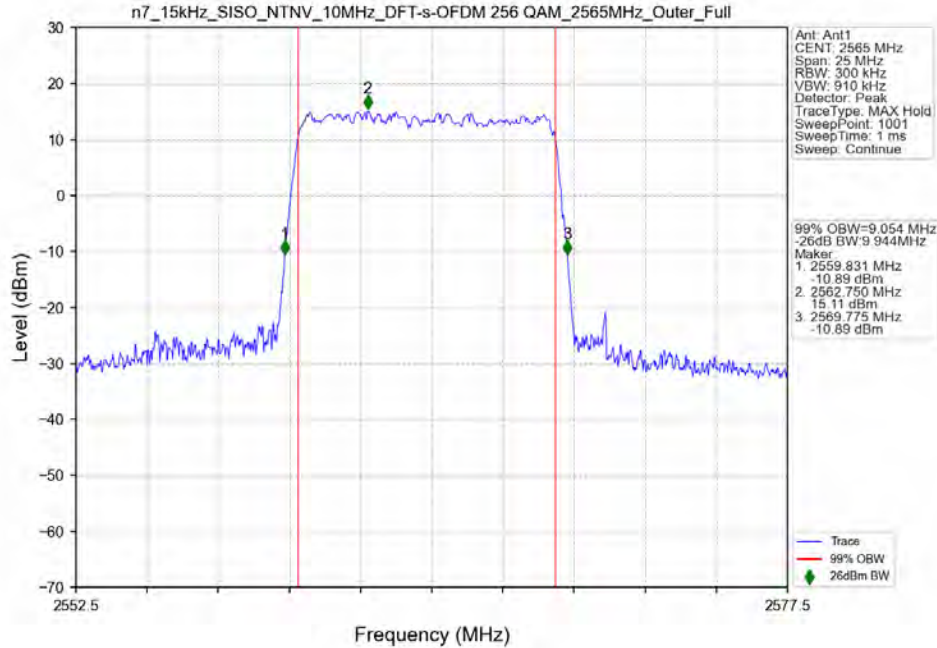
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 70 of 471

n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256 QAM_2565MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2505MHz_Outer_Full



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

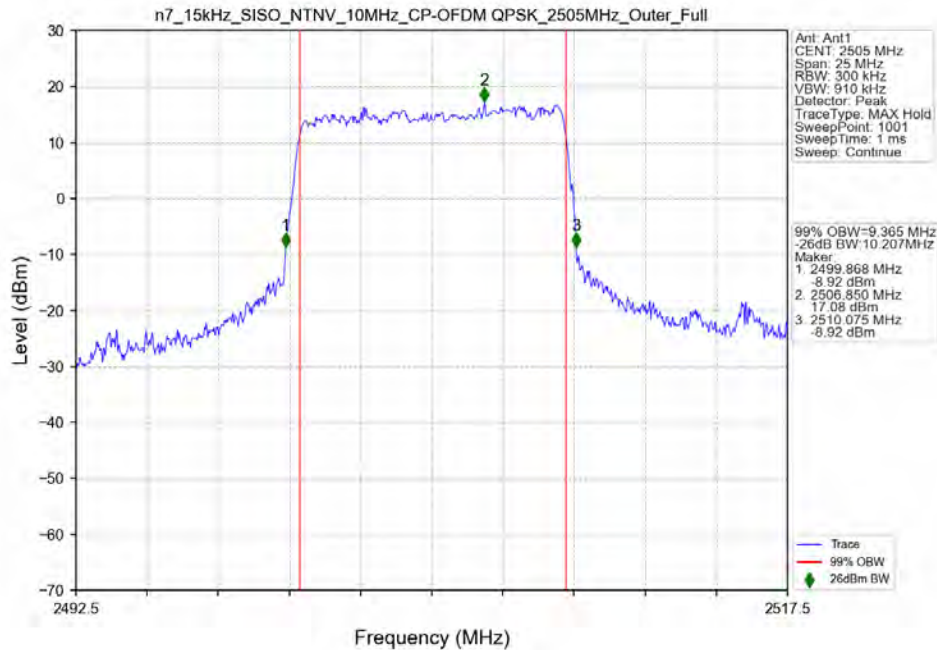


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 71 of 471



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 www.sgs.com
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 sgs.china@sgs.com



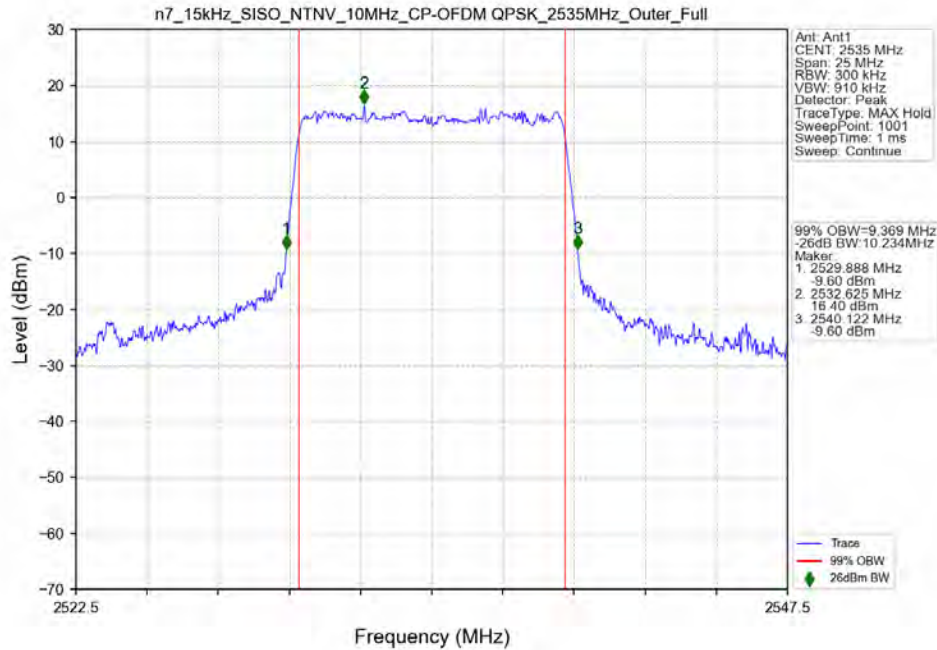
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 72 of 471

n7_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2565MHz_Outer_Full



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

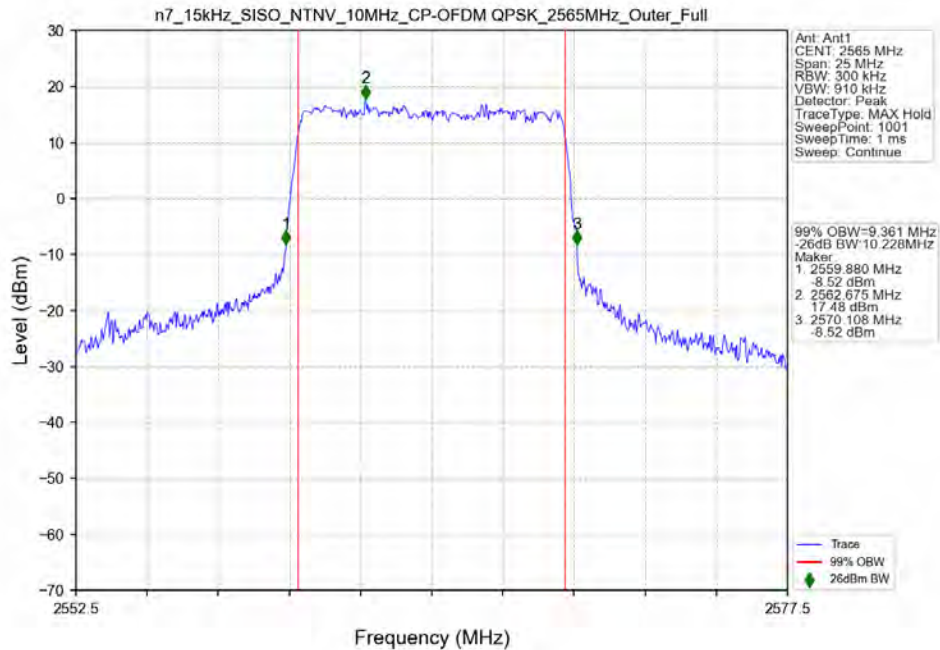


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 73 of 471



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 www.sgs.com
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 sgs.china@sgs.com



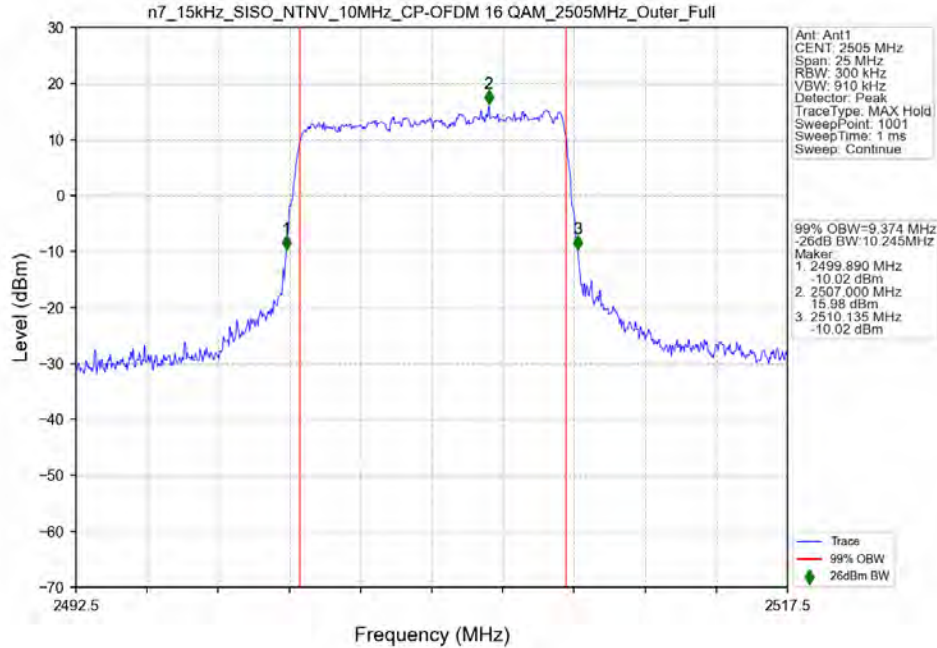
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 74 of 471

n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2505MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2535MHz_Outer_Full



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

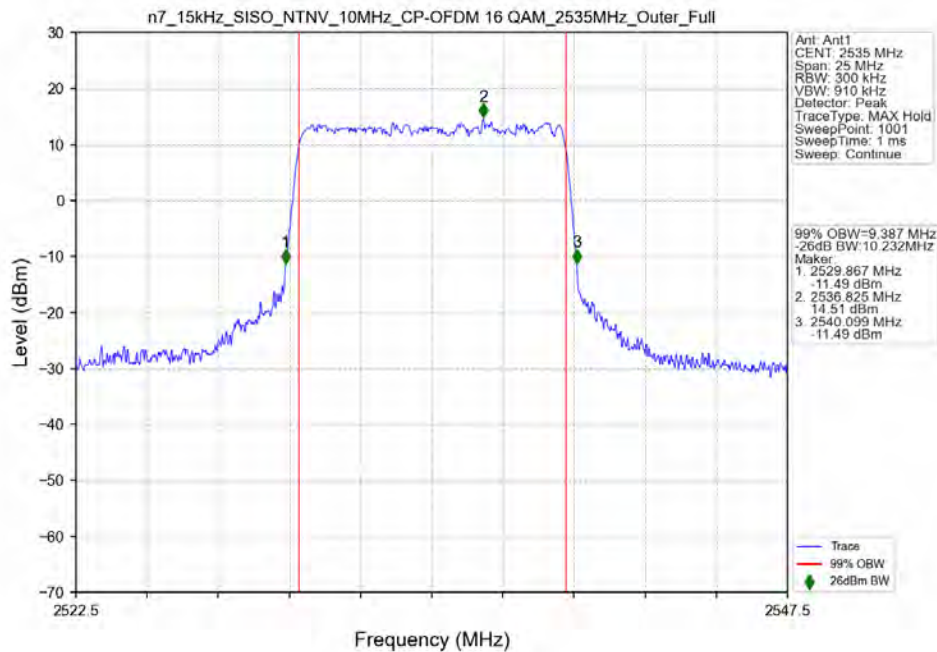


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 75 of 471



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 www.sgs.com
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 sgs.china@sgs.com



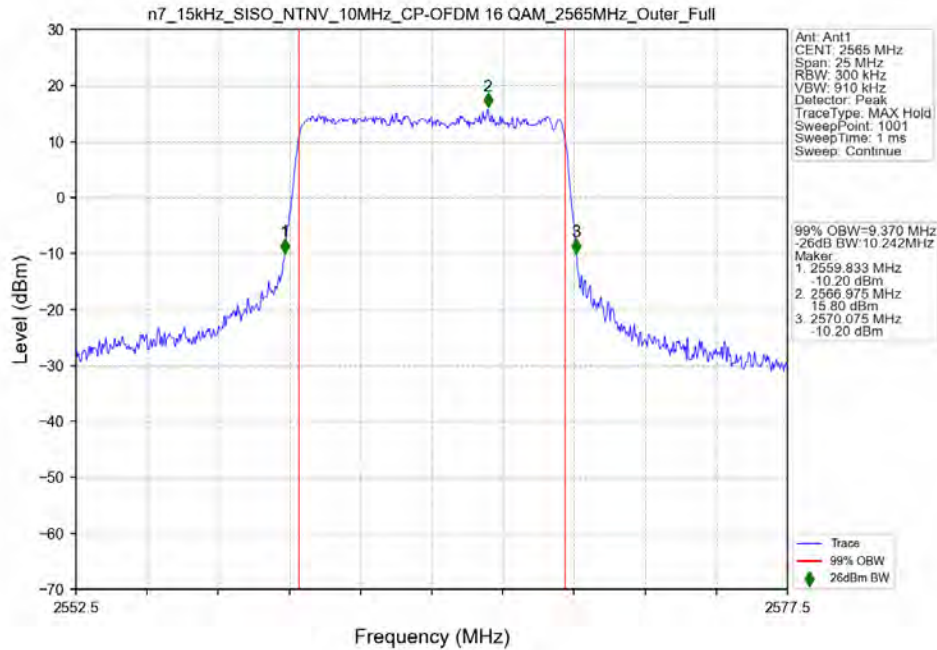
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 76 of 471

n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2565MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2505MHz_Outer_Full



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

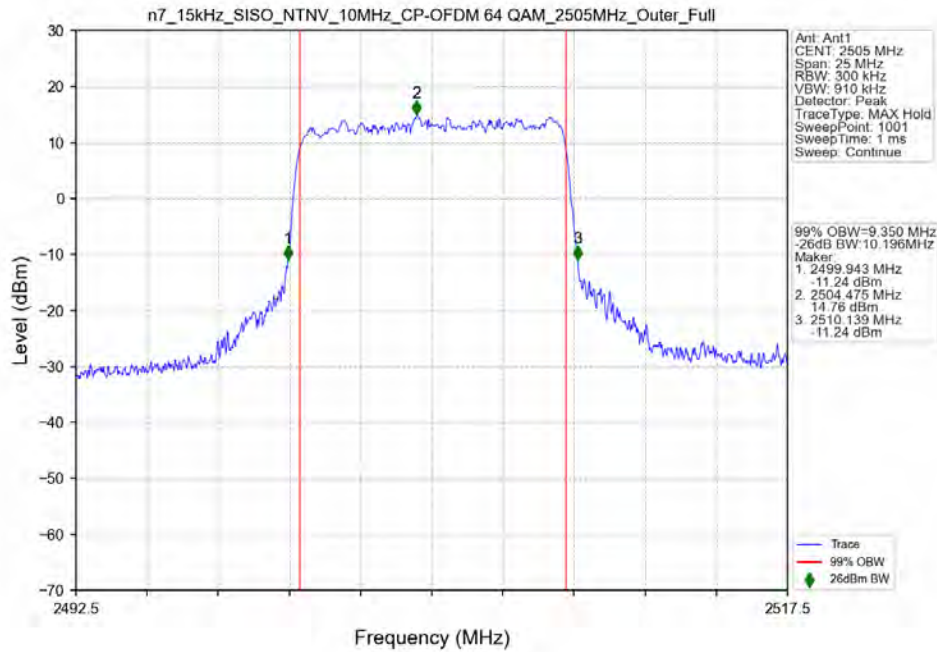


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 77 of 471



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 www.sgs.com
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 sgs.china@sgs.com



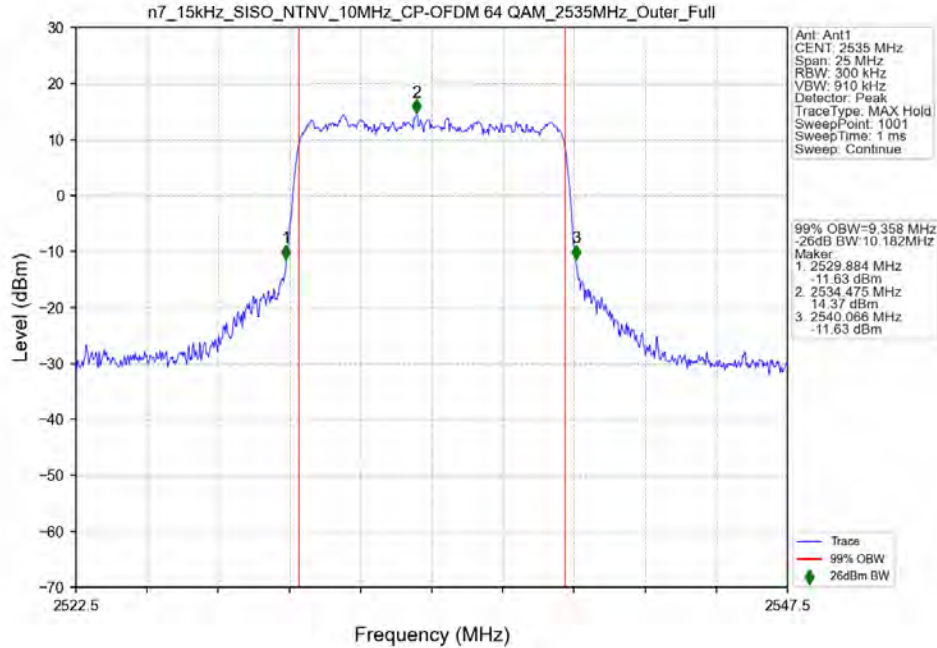
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 78 of 471

n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2565MHz_Outer_Full



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

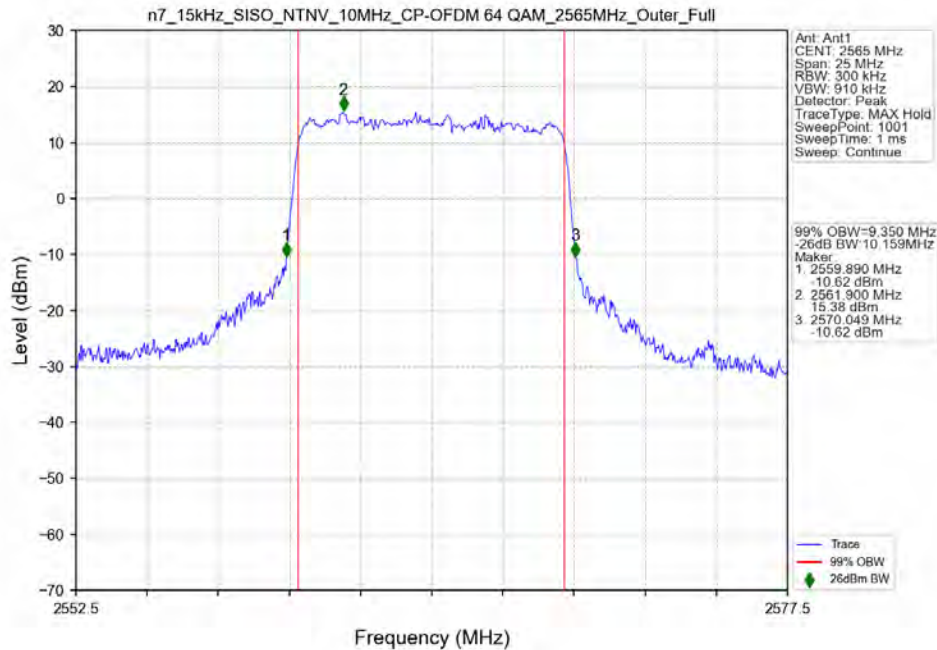


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 79 of 471



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 www.sgs.com
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 sgs.china@sgs.com



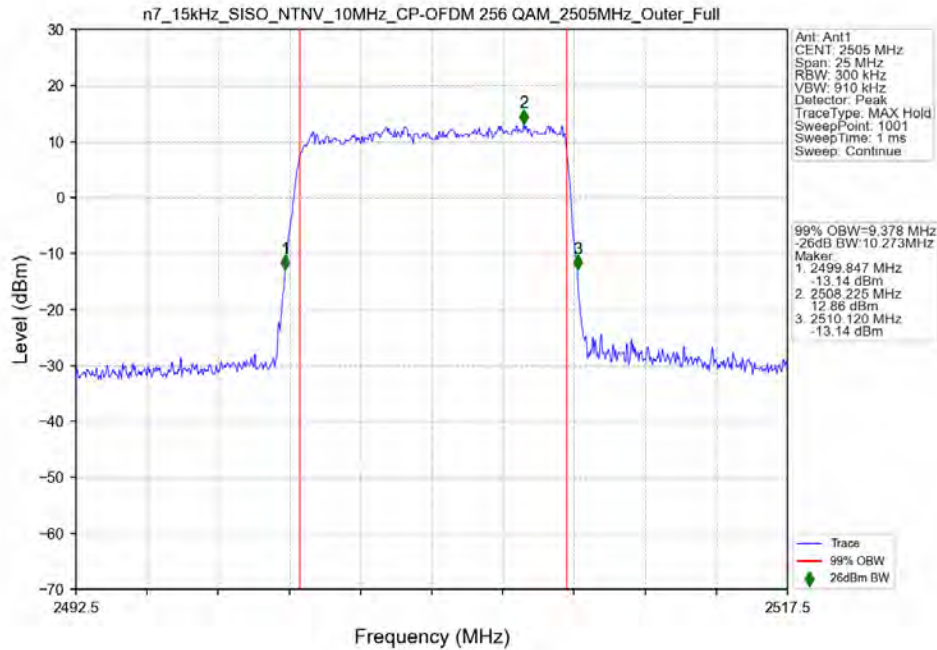
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 80 of 471

n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_2505MHz_Outer_Full



n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full



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

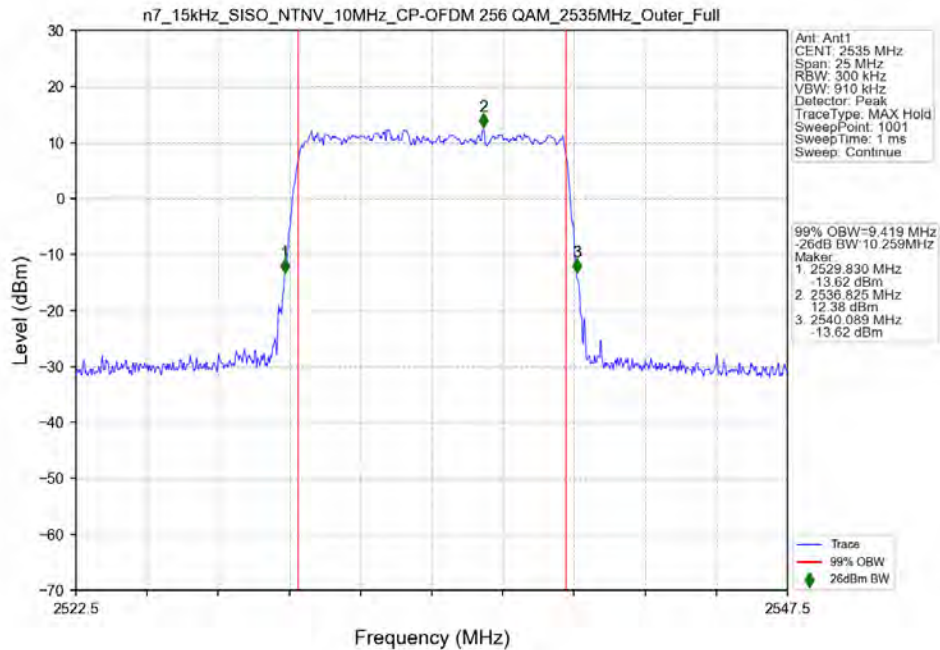


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 81 of 471



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 www.sgs.com
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 sgs.china@sgs.com



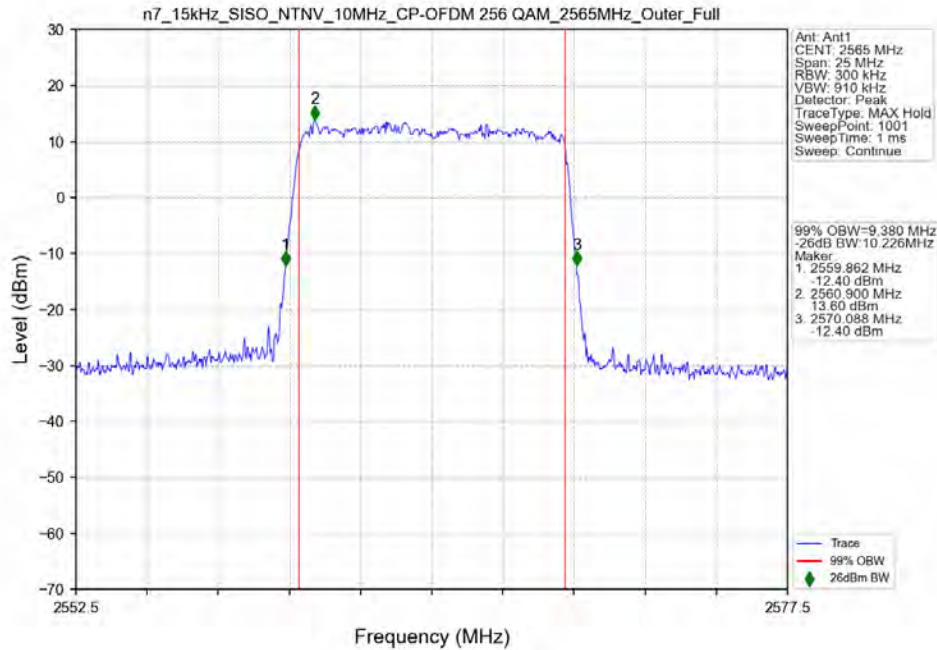
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 82 of 471

n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_2565MHz_Outer_Full



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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 83 of 471

3.3 15k_SISO_15MHz_NTNV

3.3.1 Test Result

5G NR n7 SCS=15kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2507.5	Outer Full	13.55	14.60	/	Pass
	2535	Outer Full	13.58	14.63	/	Pass
	2562.5	Outer Full	13.55	14.59	/	Pass
DFT-s-OFDM QPSK	2507.5	Outer Full	13.56	14.60	/	Pass
	2535	Outer Full	13.61	14.71	/	Pass
	2562.5	Outer Full	13.55	14.72	/	Pass
DFT-s-OFDM 16 QAM	2507.5	Outer Full	13.63	14.66	/	Pass
	2535	Outer Full	13.65	14.67	/	Pass
	2562.5	Outer Full	13.61	14.69	/	Pass
DFT-s-OFDM 64 QAM	2507.5	Outer Full	13.52	14.63	/	Pass
	2535	Outer Full	13.54	14.64	/	Pass
	2562.5	Outer Full	13.51	14.62	/	Pass
DFT-s-OFDM 256 QAM	2507.5	Outer Full	13.57	14.67	/	Pass
	2535	Outer Full	13.60	14.65	/	Pass
	2562.5	Outer Full	13.56	14.61	/	Pass
CP-OFDM QPSK	2507.5	Outer Full	14.21	15.27	/	Pass
	2535	Outer Full	14.25	15.36	/	Pass
	2562.5	Outer Full	14.22	15.30	/	Pass
CP-OFDM 16 QAM	2507.5	Outer Full	14.22	15.32	/	Pass
	2535	Outer Full	14.27	15.39	/	Pass
	2562.5	Outer Full	14.23	15.37	/	Pass
CP-OFDM 64 QAM	2507.5	Outer Full	14.28	15.40	/	Pass
	2535	Outer Full	14.32	15.38	/	Pass
	2562.5	Outer Full	14.28	15.32	/	Pass
CP-OFDM 256 QAM	2507.5	Outer Full	14.21	15.31	/	Pass
	2535	Outer Full	14.23	15.34	/	Pass
	2562.5	Outer Full	14.19	15.43	/	Pass



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

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

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



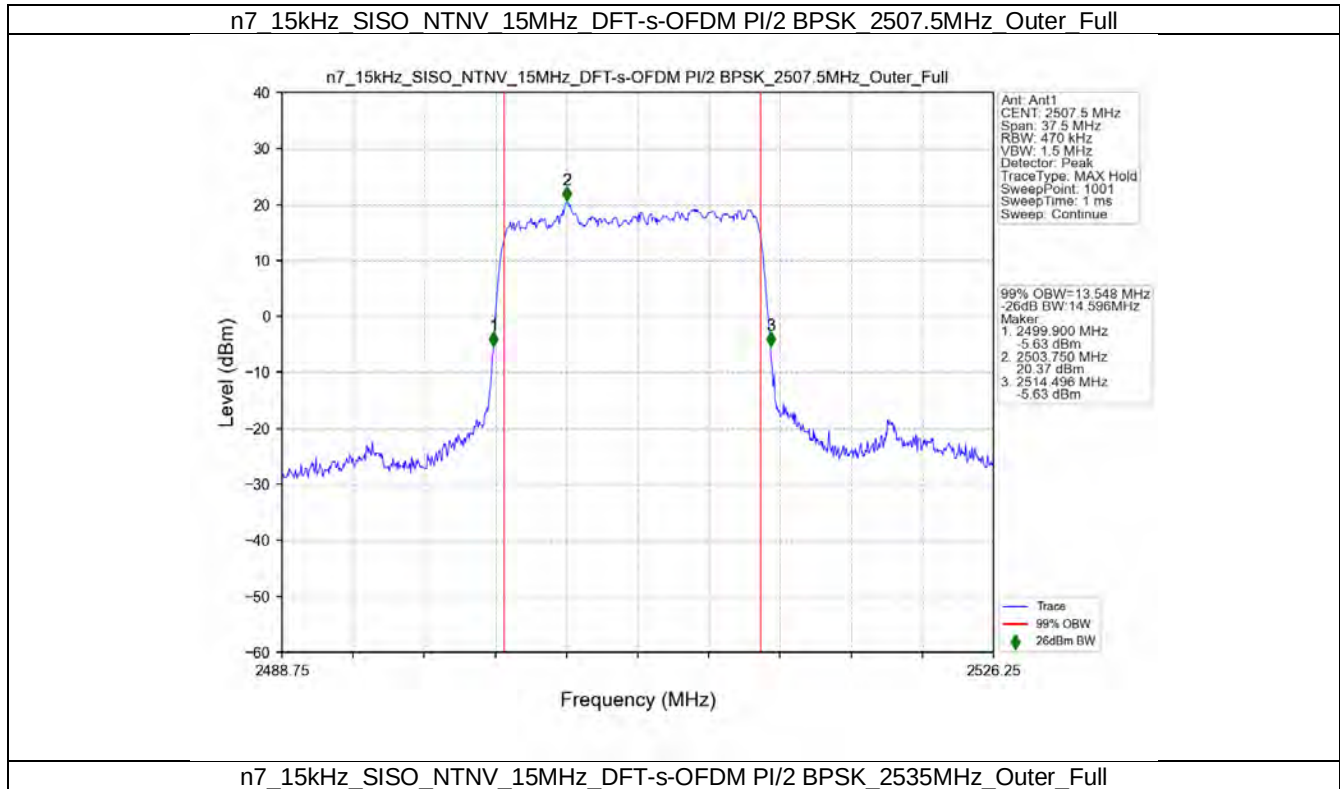
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 84 of 471

3.3.2 Test Graph



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

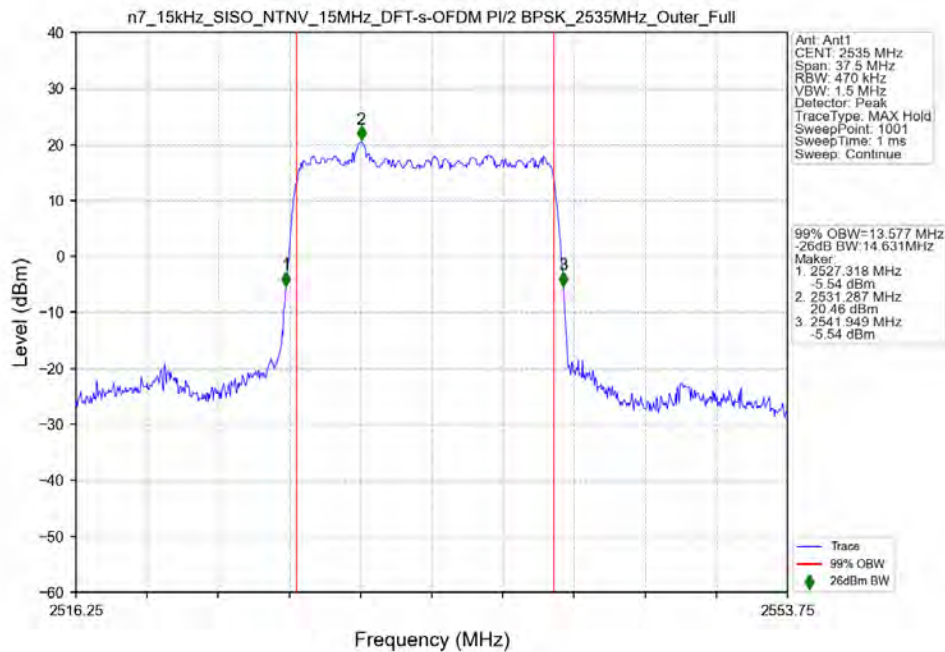


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 85 of 471



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 www.sgs.com
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 sgs.china@sgs.com



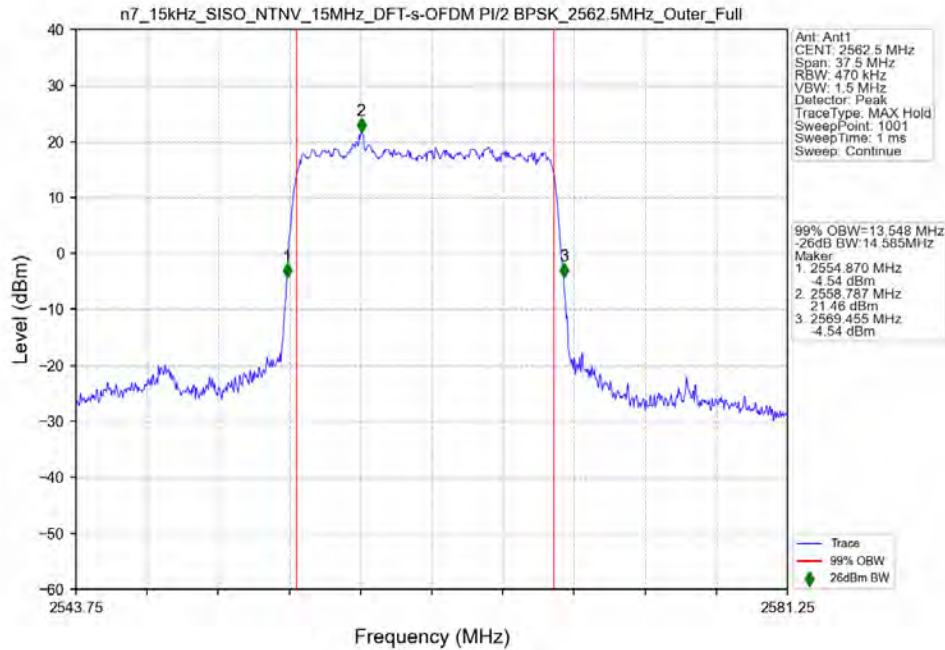
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 86 of 471

n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_2562.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2507.5MHz_Outer_Full



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

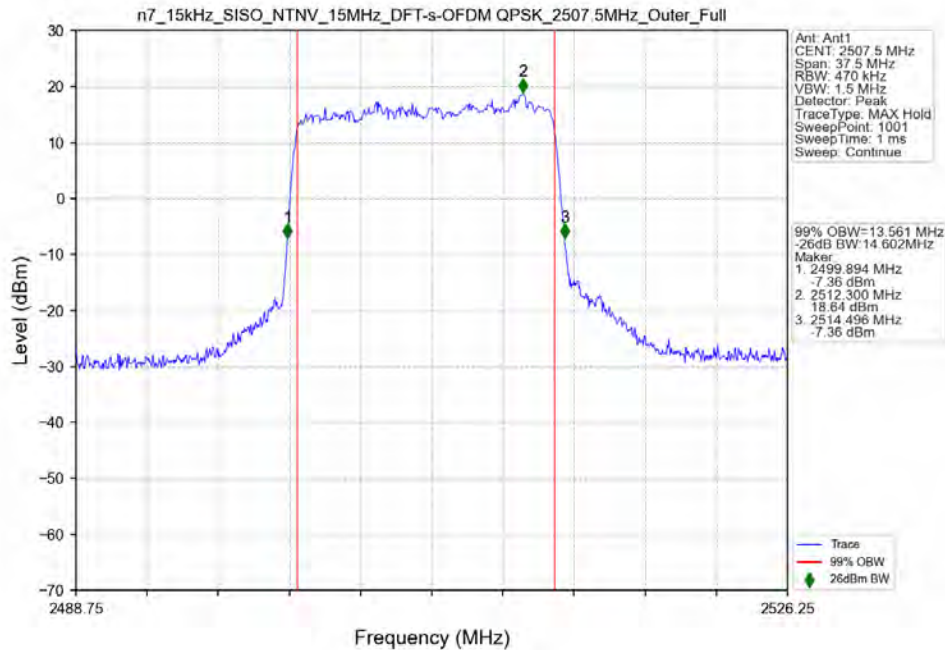


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 87 of 471



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 www.sgs.com
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 sgs.china@sgs.com



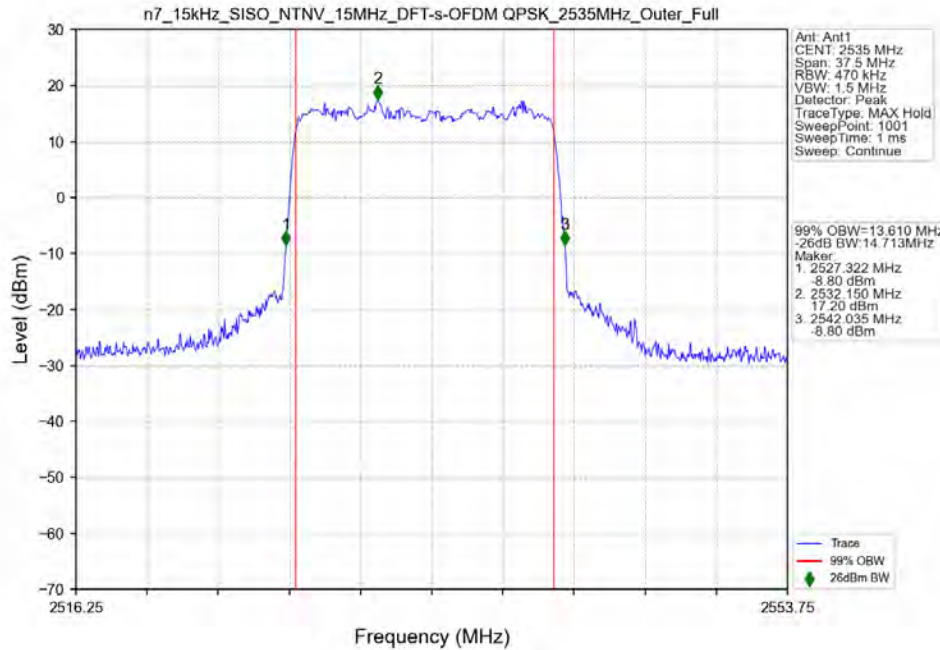
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 88 of 471

n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2562.5MHz_Outer_Full



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

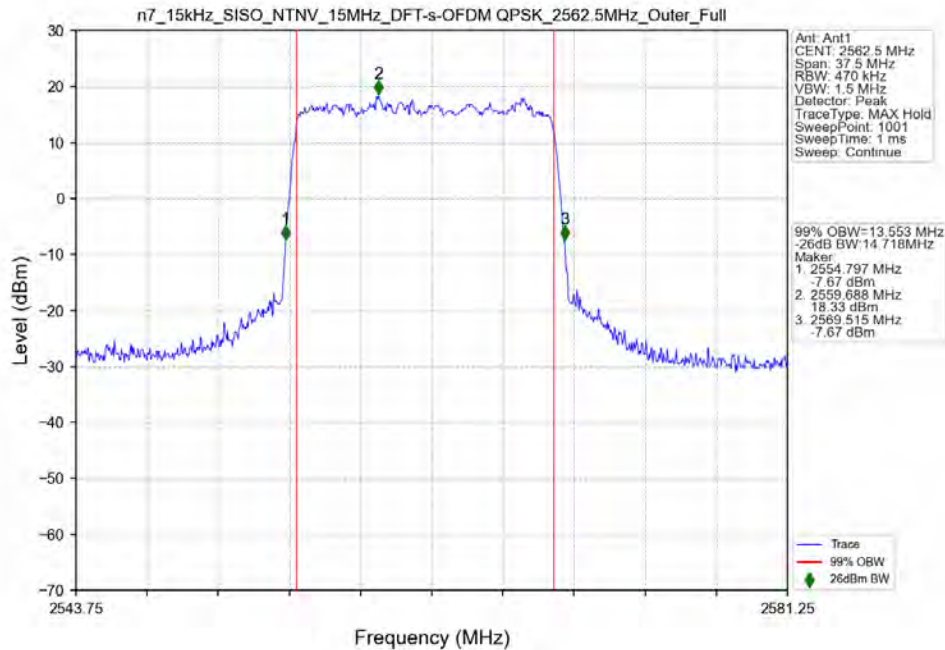


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 89 of 471



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 www.sgs.com
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 sgs.china@sgs.com



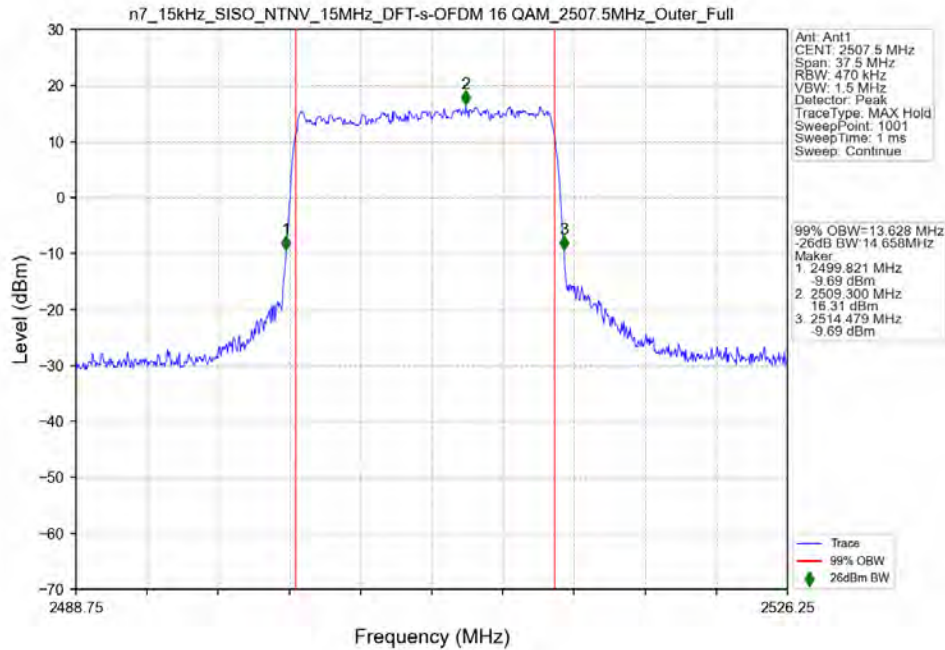
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 90 of 471

n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_2507.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full



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

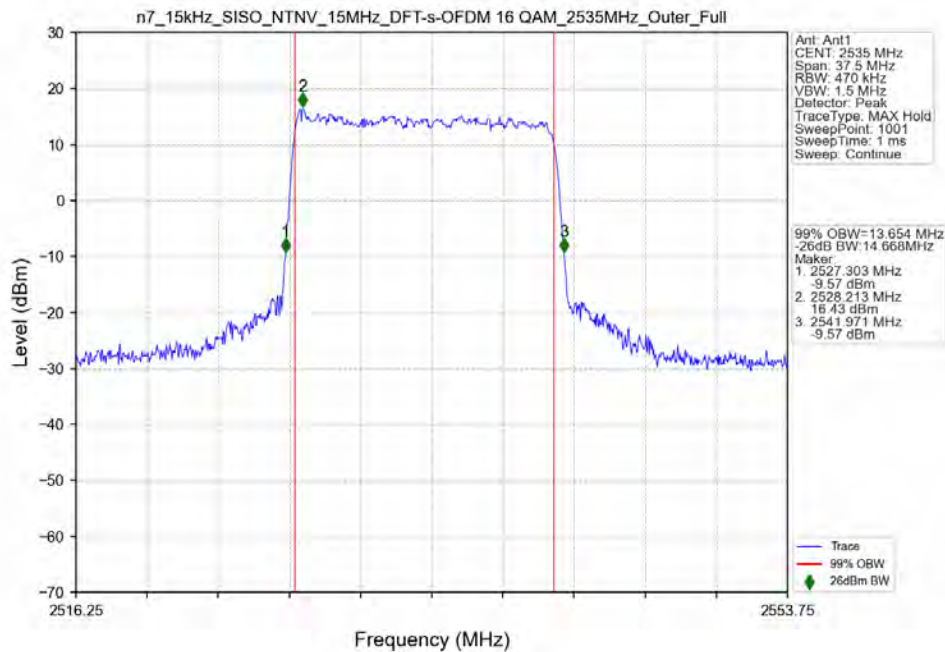


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 91 of 471



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 www.sgs.com
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 sgs.china@sgs.com



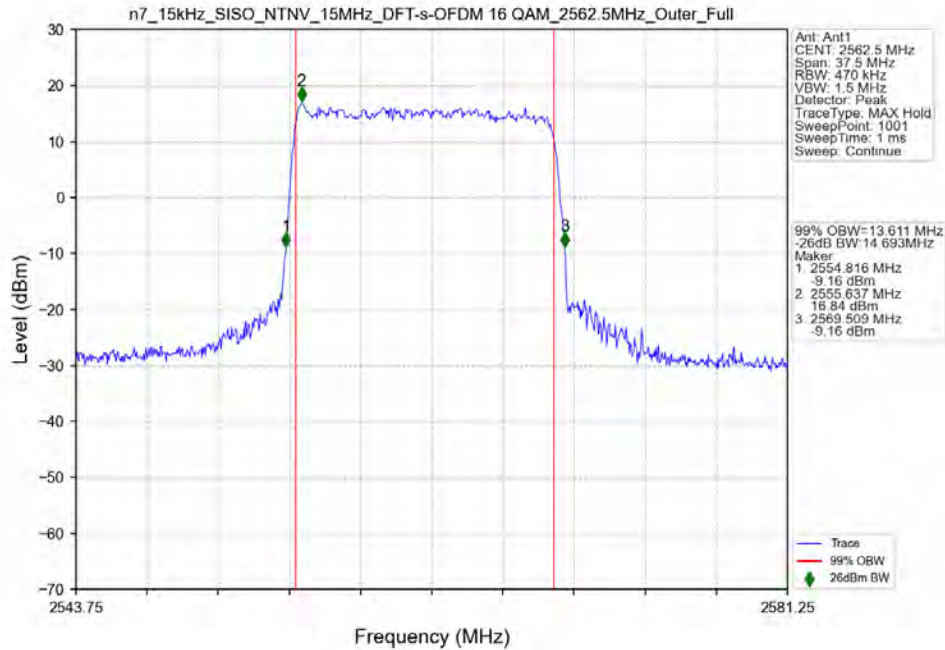
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 92 of 471

n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_2562.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_2507.5MHz_Outer_Full



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

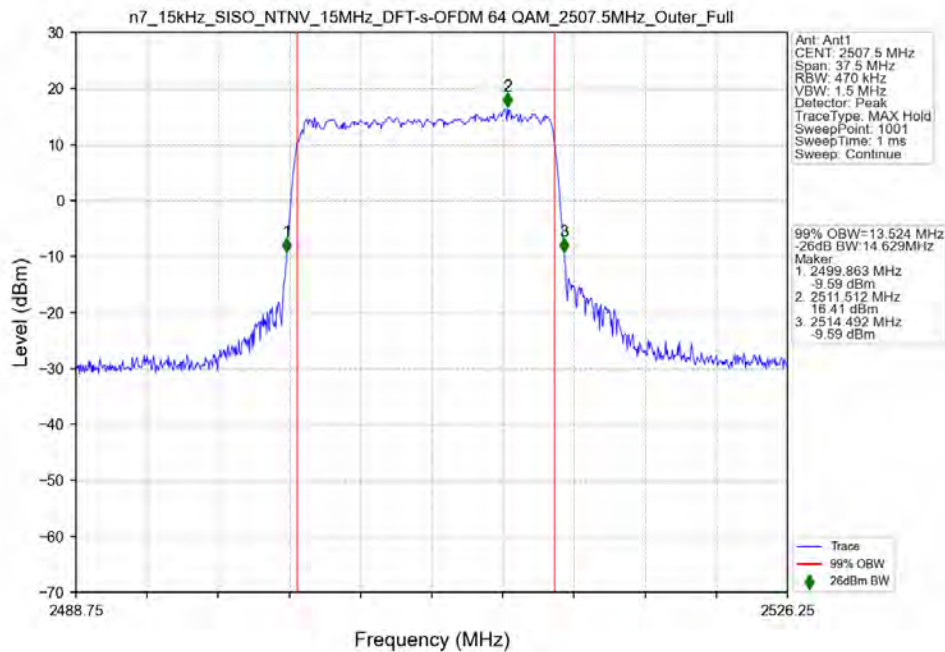


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 93 of 471



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 www.sgs.com
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 sgs.china@sgs.com



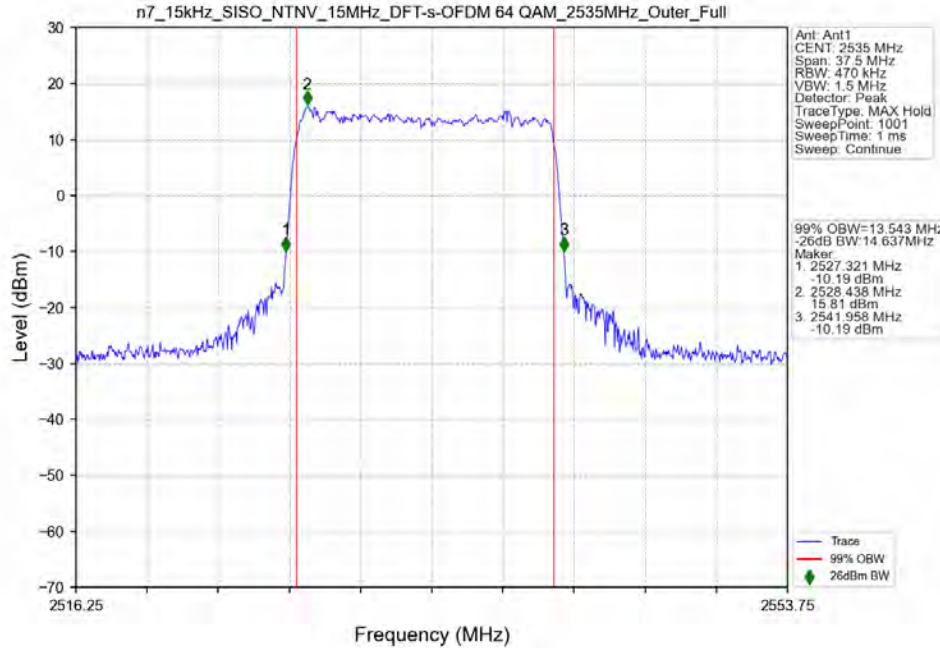
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 94 of 471

n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_2562.5MHz_Outer_Full



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

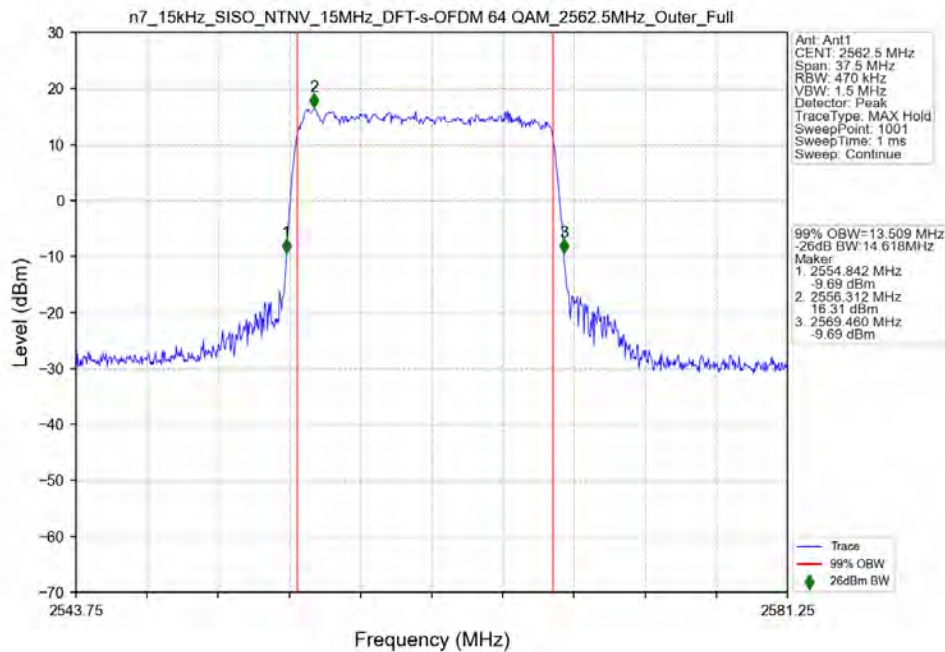


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 95 of 471



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 www.sgs.com
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 sgs.china@sgs.com



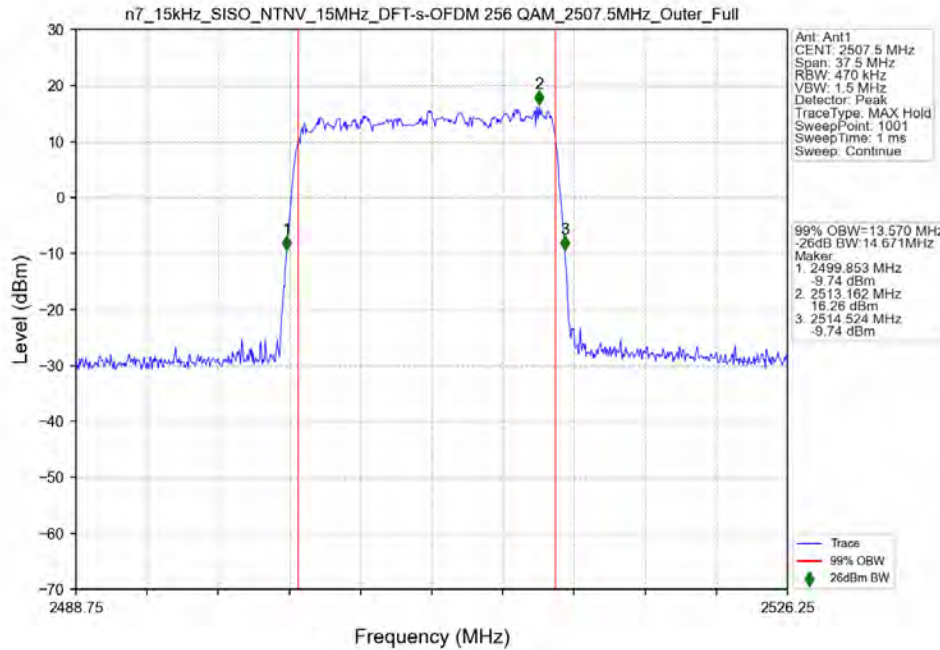
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 96 of 471

n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_2507.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full



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

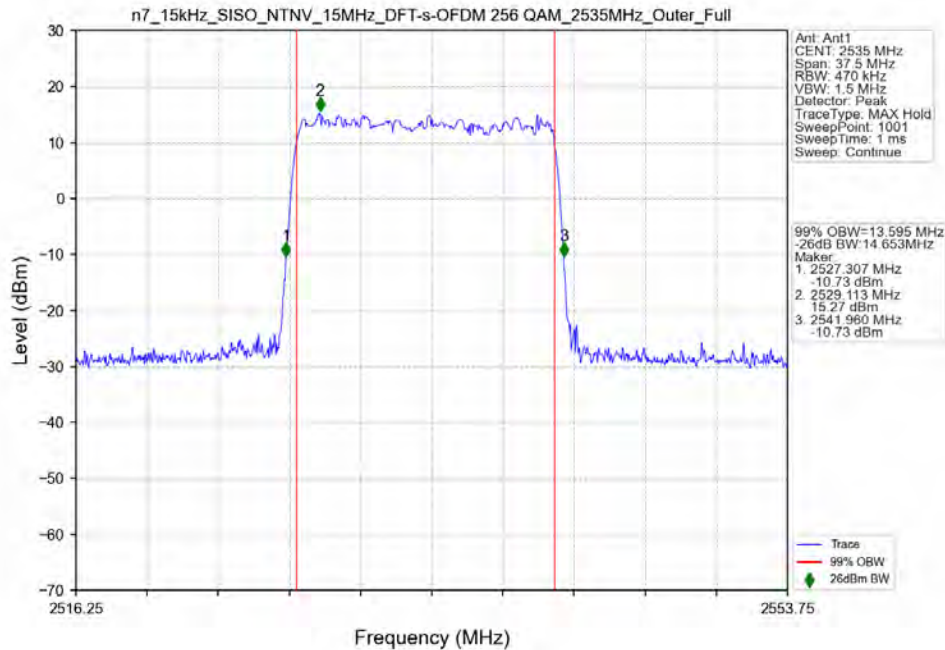


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 97 of 471



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 www.sgs.com
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 sgs.china@sgs.com



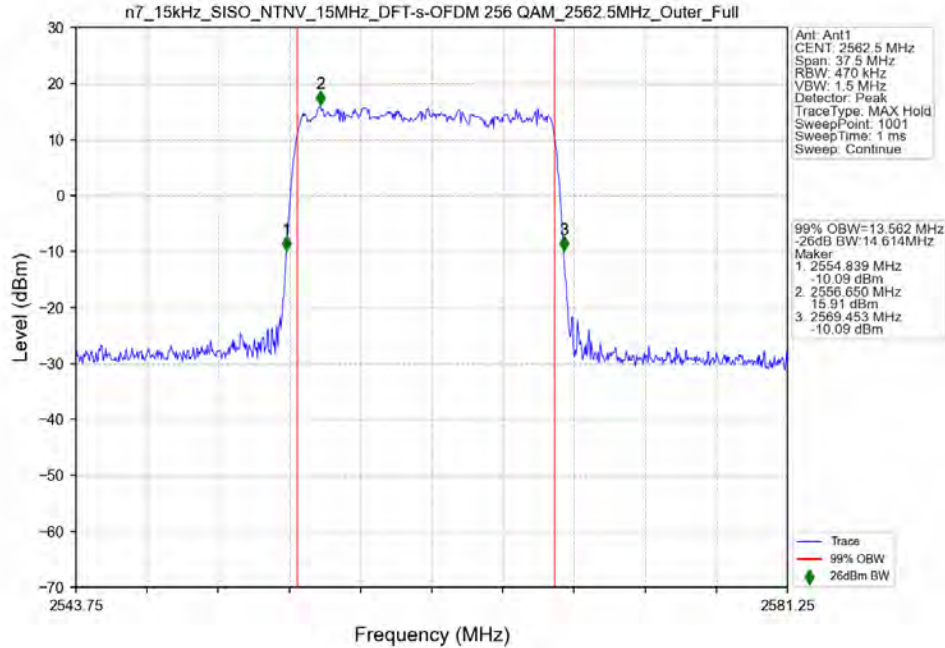
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 98 of 471

n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256 QAM_2562.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_2507.5MHz_Outer_Full



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

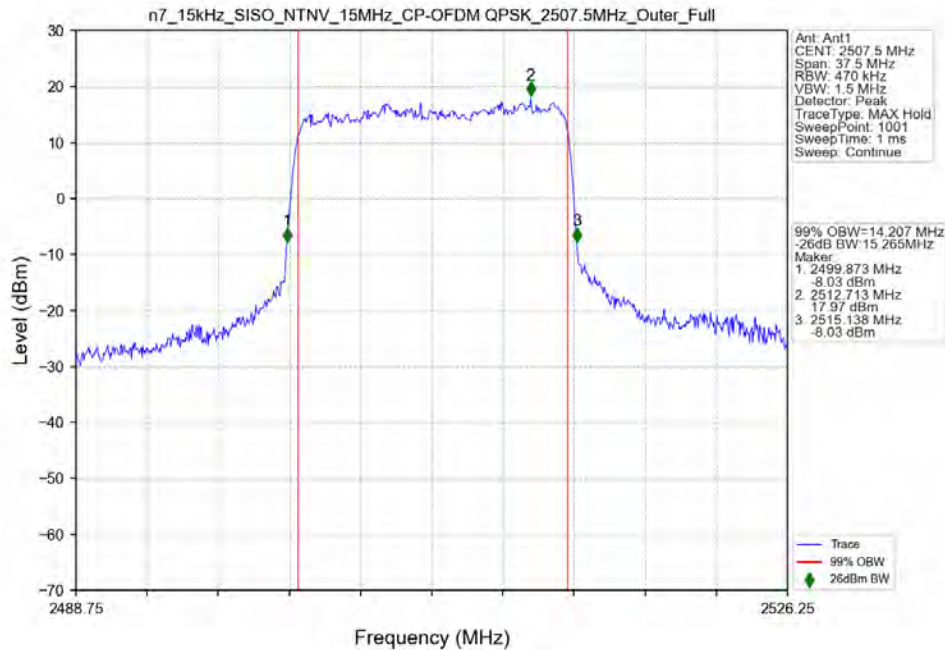


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 99 of 471



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 www.sgs.com
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 sgs.china@sgs.com



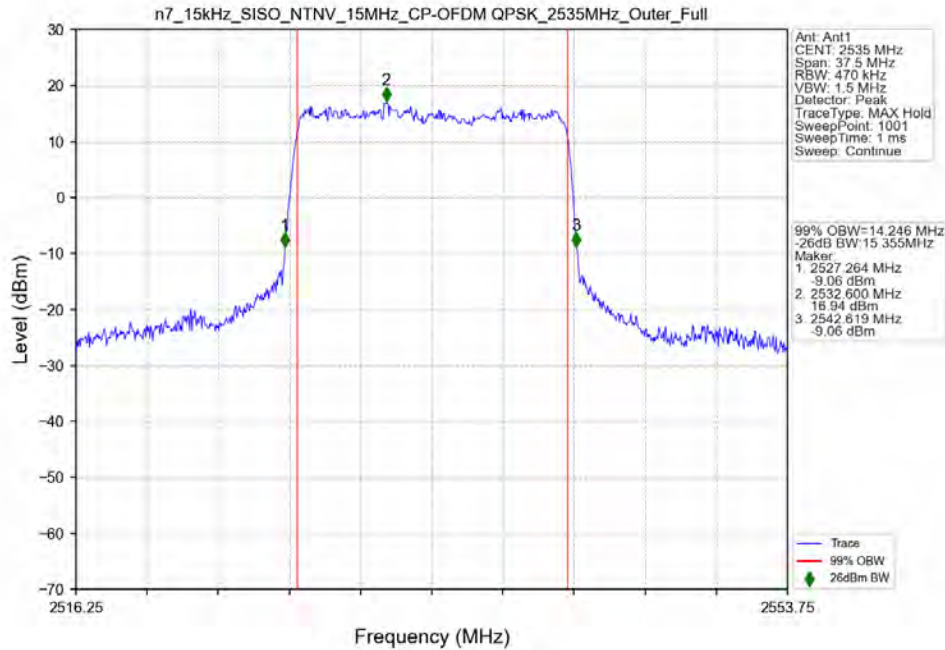
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 100 of 471

n7_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_2562.5MHz_Outer_Full



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

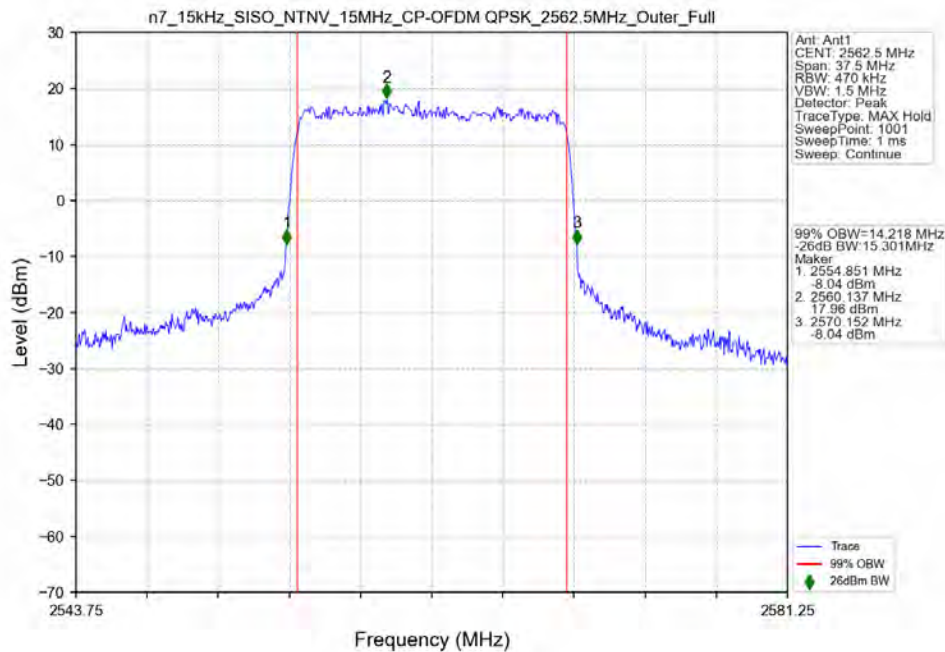


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 101 of 471



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



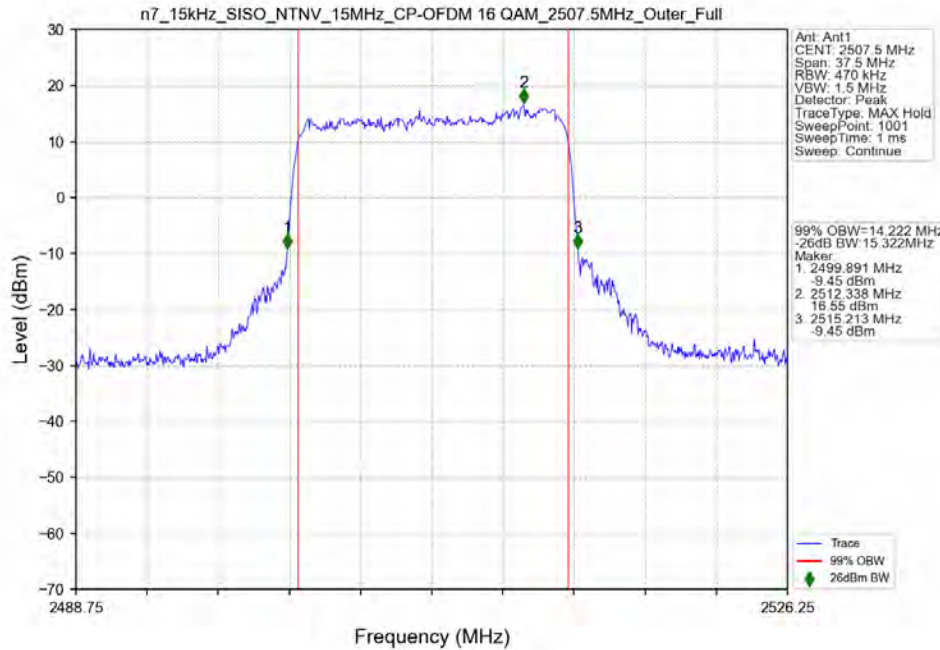
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 102 of 471

n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_2507.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_2535MHz_Outer_Full



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

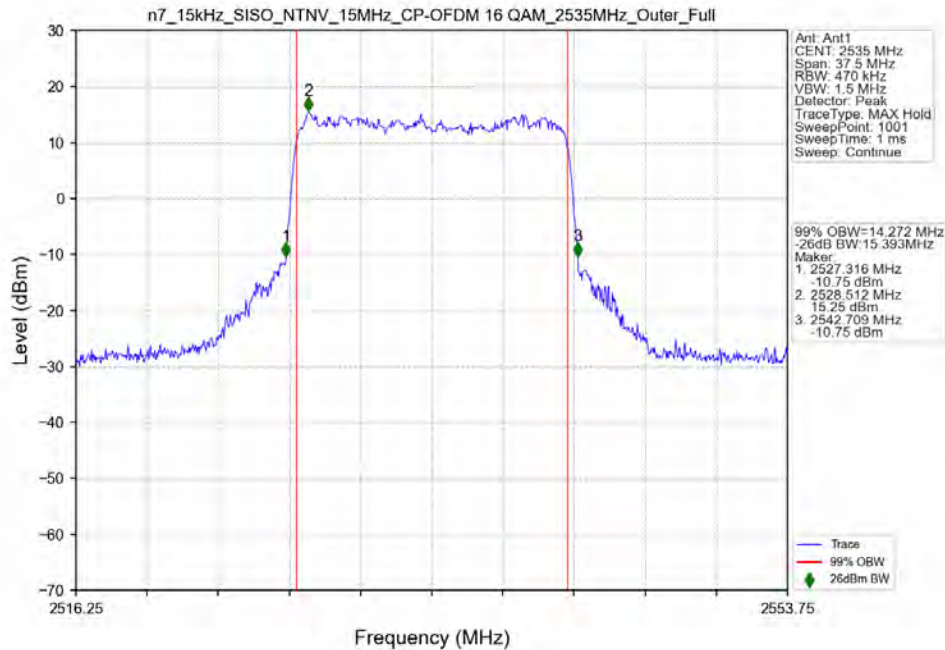


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 103 of 471



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



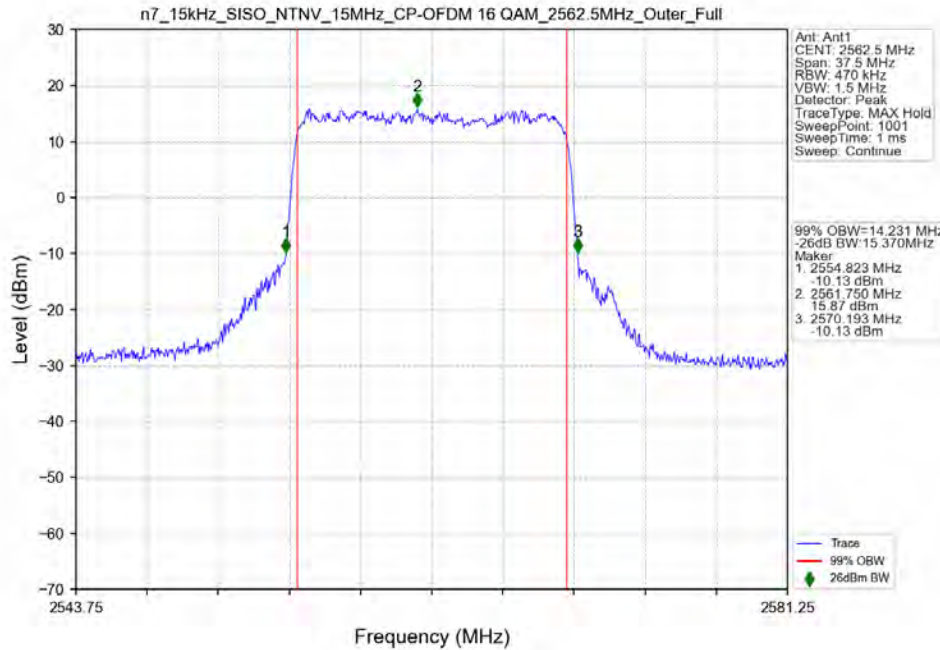
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 104 of 471

n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_16 QAM_2562.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_64 QAM_2507.5MHz_Outer_Full



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

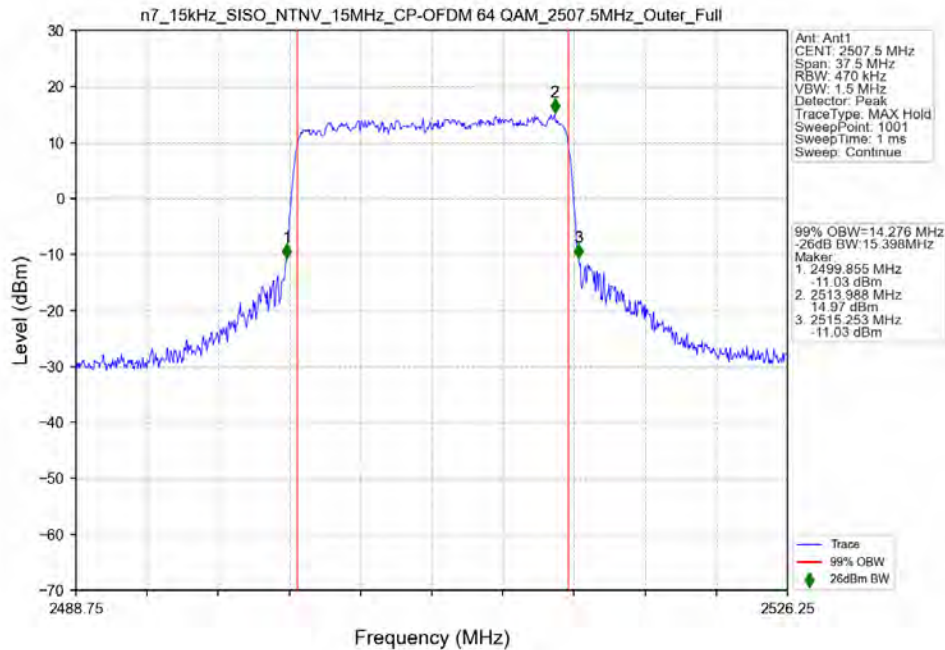


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 105 of 471



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



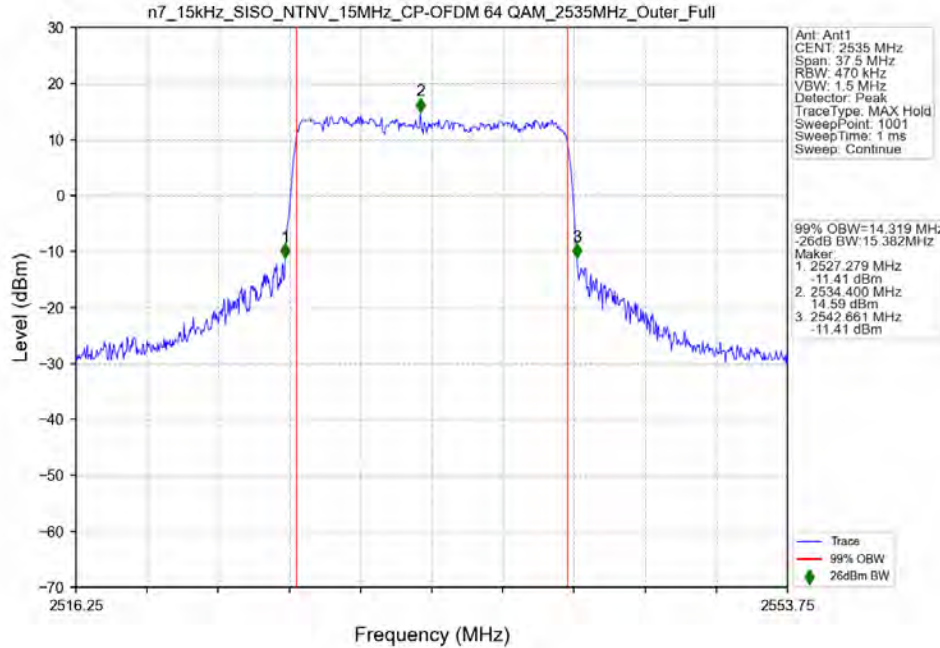
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 106 of 471

n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_2562.5MHz_Outer_Full



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

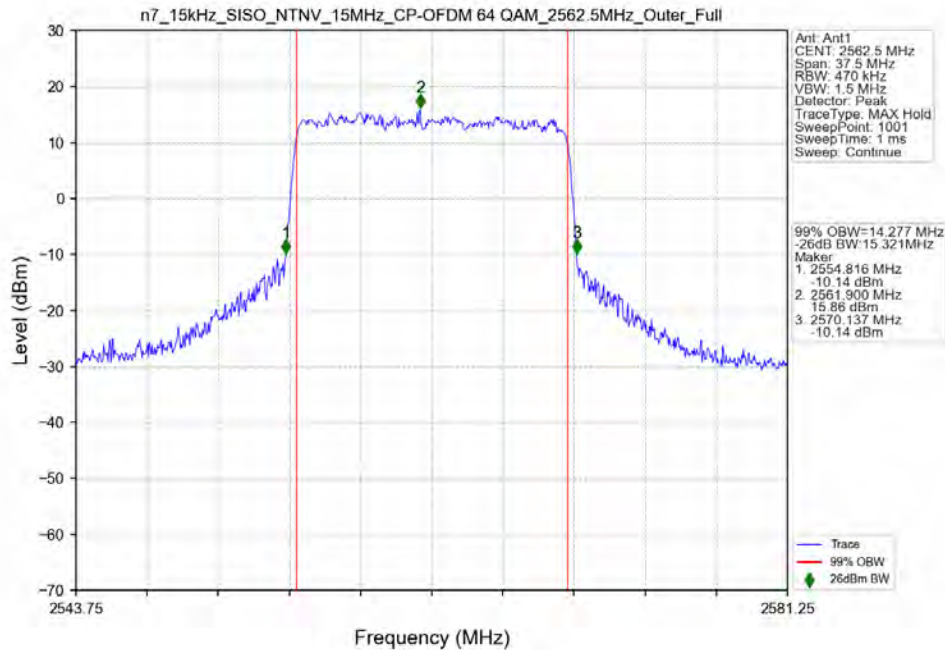


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 107 of 471



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 www.sgs.com
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 sgs.china@sgs.com



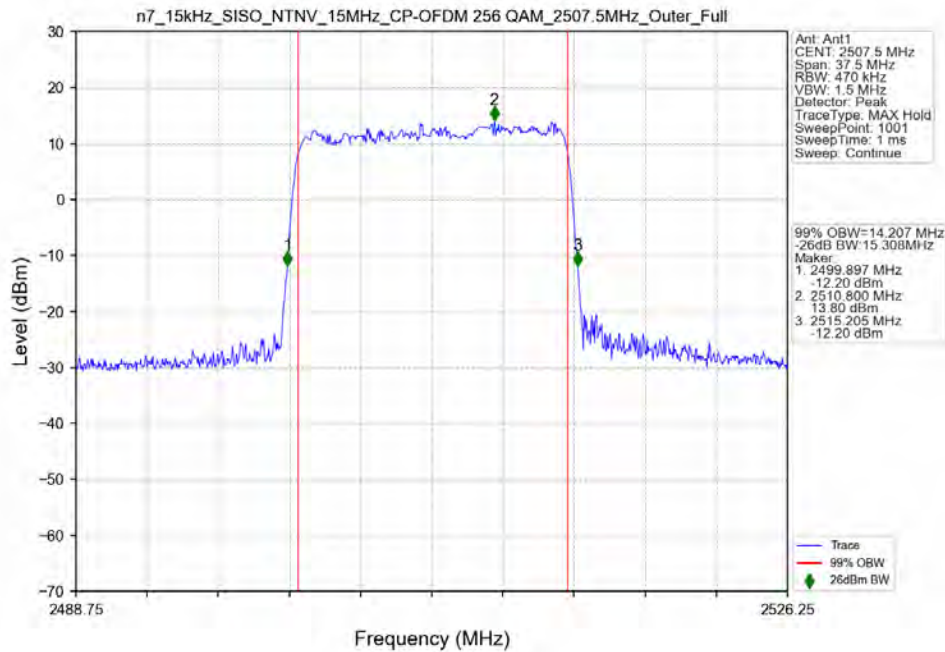
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 108 of 471

n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_2507.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full



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

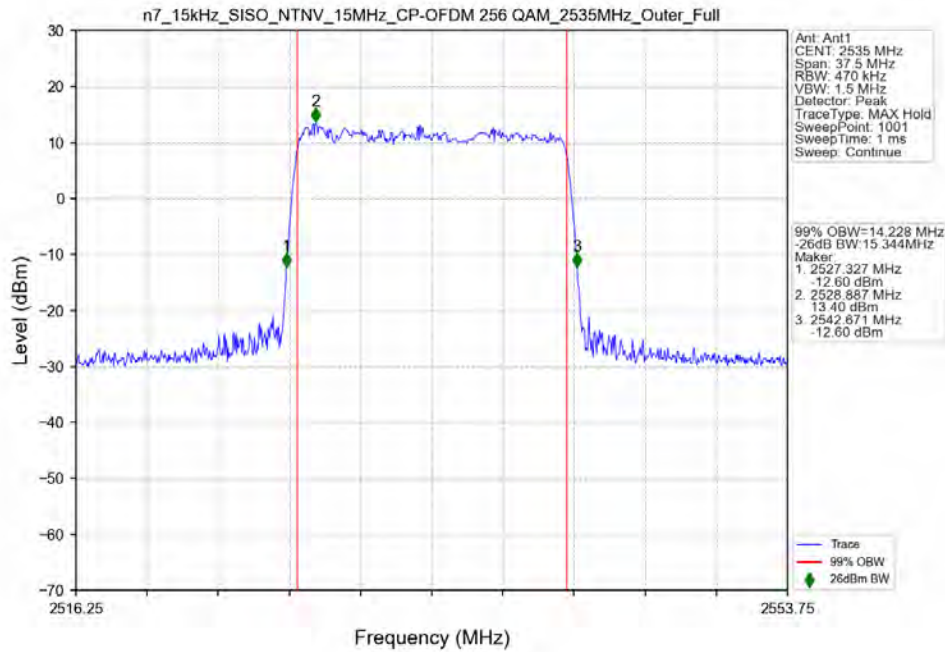


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 109 of 471



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 www.sgs.com
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 sgs.china@sgs.com



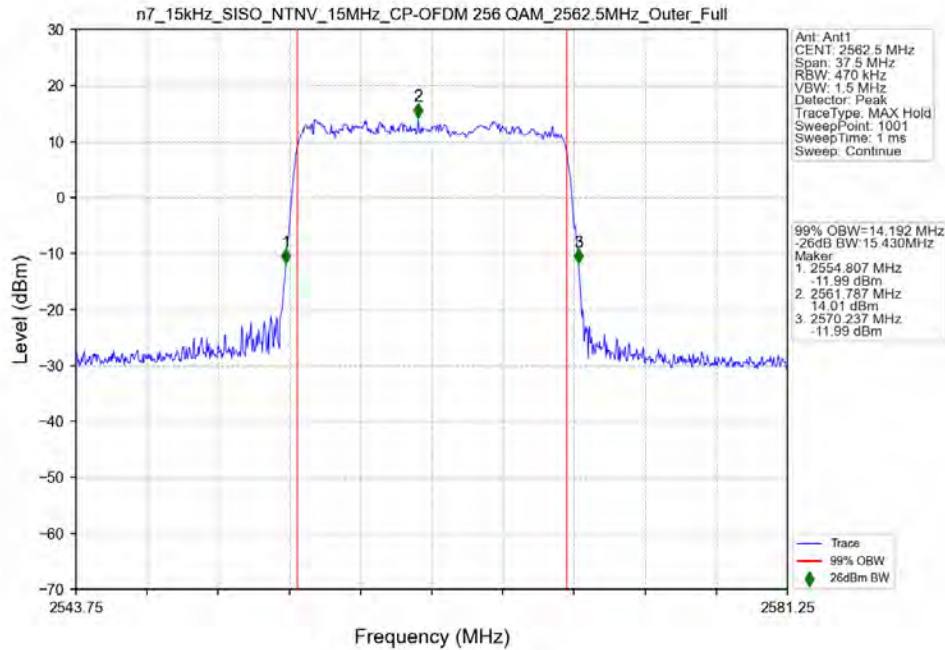
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 110 of 471

n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_2562.5MHz_Outer_Full



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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 111 of 471

3.4 15k_SISO_20MHz_NTNV

3.4.1 Test Result

5G NR n7 SCS=15kHz SISO 20MHz NTVN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2510	Outer Full	18.00	19.39	/	Pass
	2535	Outer Full	18.11	19.42	/	Pass
	2560	Outer Full	18.03	19.40	/	Pass
DFT-s-OFDM QPSK	2510	Outer Full	17.99	19.47	/	Pass
	2535	Outer Full	18.06	19.43	/	Pass
	2560	Outer Full	17.98	19.44	/	Pass
DFT-s-OFDM 16 QAM	2510	Outer Full	17.99	19.35	/	Pass
	2535	Outer Full	18.06	19.43	/	Pass
	2560	Outer Full	17.98	19.37	/	Pass
DFT-s-OFDM 64 QAM	2510	Outer Full	18.00	19.43	/	Pass
	2535	Outer Full	18.06	19.46	/	Pass
	2560	Outer Full	18.00	19.45	/	Pass
DFT-s-OFDM 256 QAM	2510	Outer Full	18.01	19.37	/	Pass
	2535	Outer Full	18.08	19.39	/	Pass
	2560	Outer Full	17.99	19.37	/	Pass
CP-OFDM QPSK	2510	Outer Full	19.00	20.46	/	Pass
	2535	Outer Full	19.09	20.61	/	Pass
	2560	Outer Full	19.04	20.62	/	Pass
CP-OFDM 16 QAM	2510	Outer Full	19.08	20.51	/	Pass
	2535	Outer Full	19.14	21.22	/	Pass
	2560	Outer Full	19.07	20.58	/	Pass
CP-OFDM 64 QAM	2510	Outer Full	19.06	20.45	/	Pass
	2535	Outer Full	19.15	20.55	/	Pass
	2560	Outer Full	19.07	20.49	/	Pass
CP-OFDM 256 QAM	2510	Outer Full	19.14	20.50	/	Pass
	2535	Outer Full	19.19	20.53	/	Pass
	2560	Outer Full	19.10	20.57	/	Pass



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

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

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



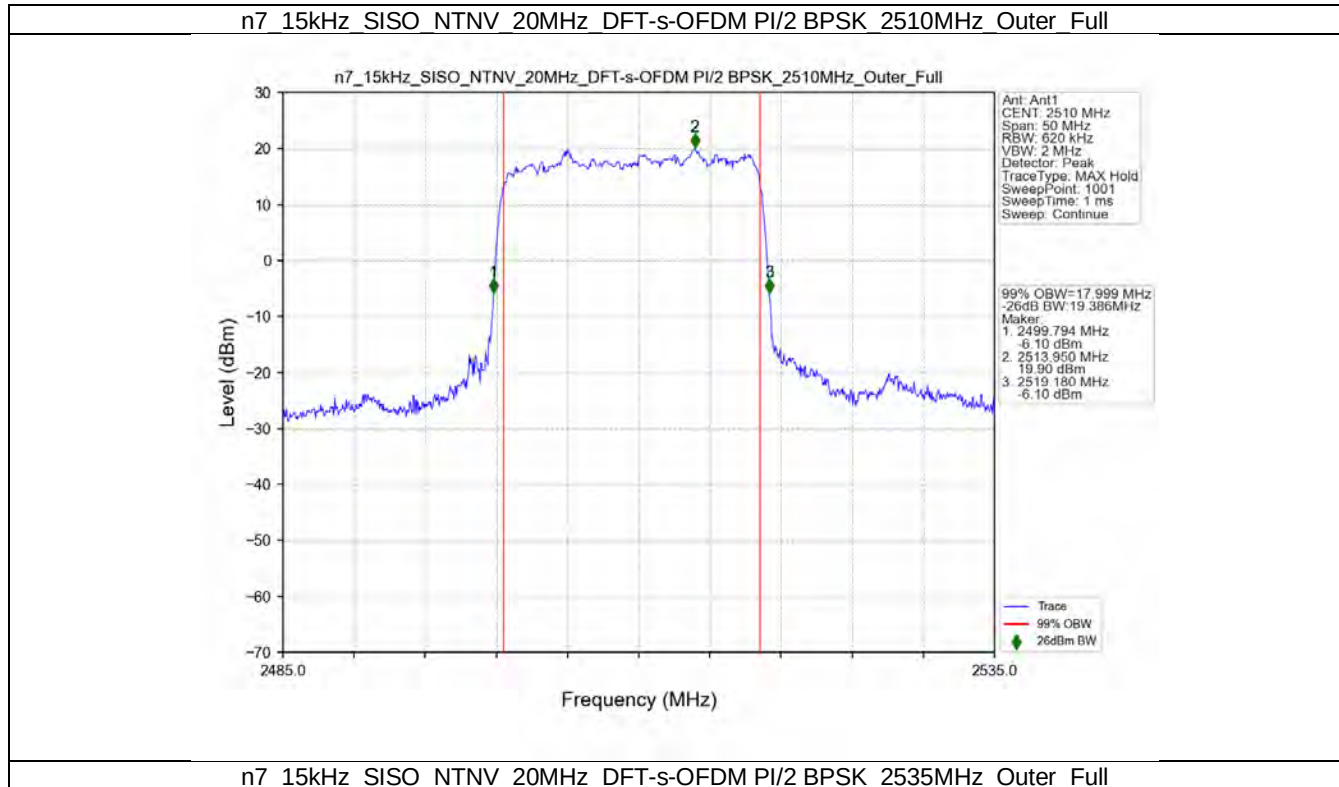
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 112 of 471

3.4.2 Test Graph



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

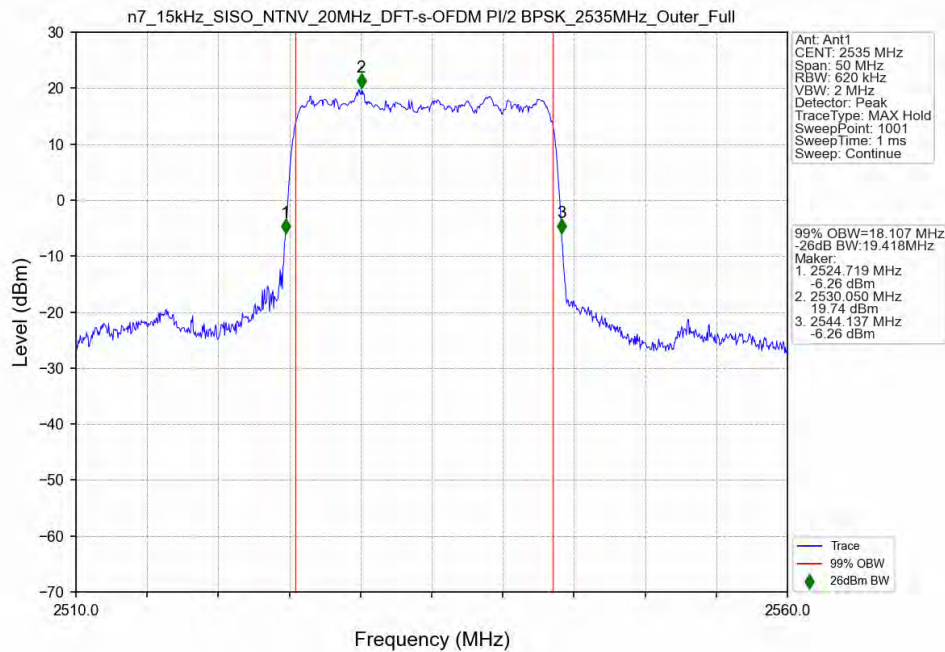


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 113 of 471



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 www.sgs.com
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 sgs.china@sgs.com



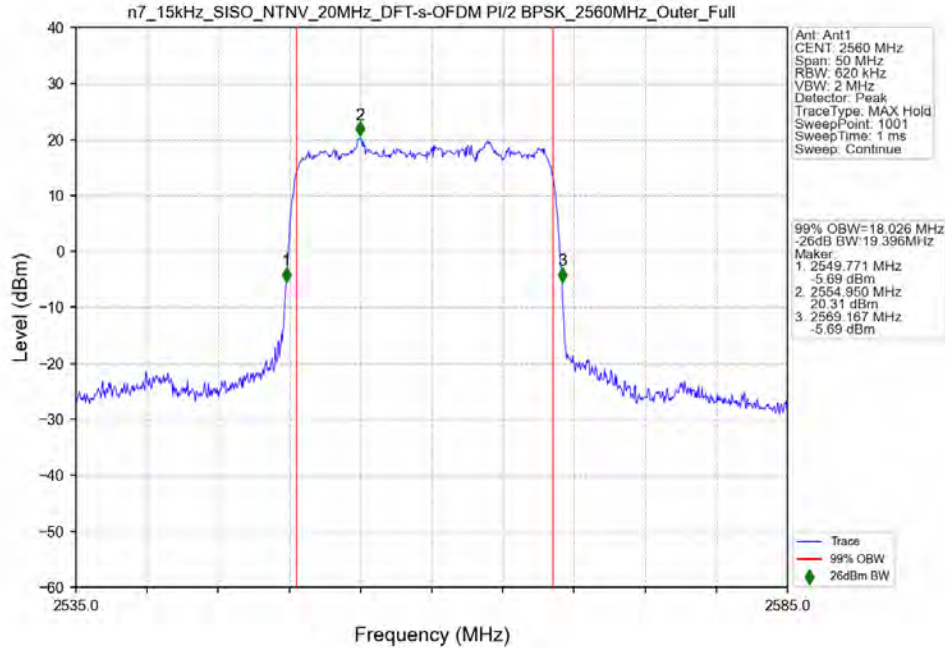
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 114 of 471

n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2560MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2510MHz_Outer_Full



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

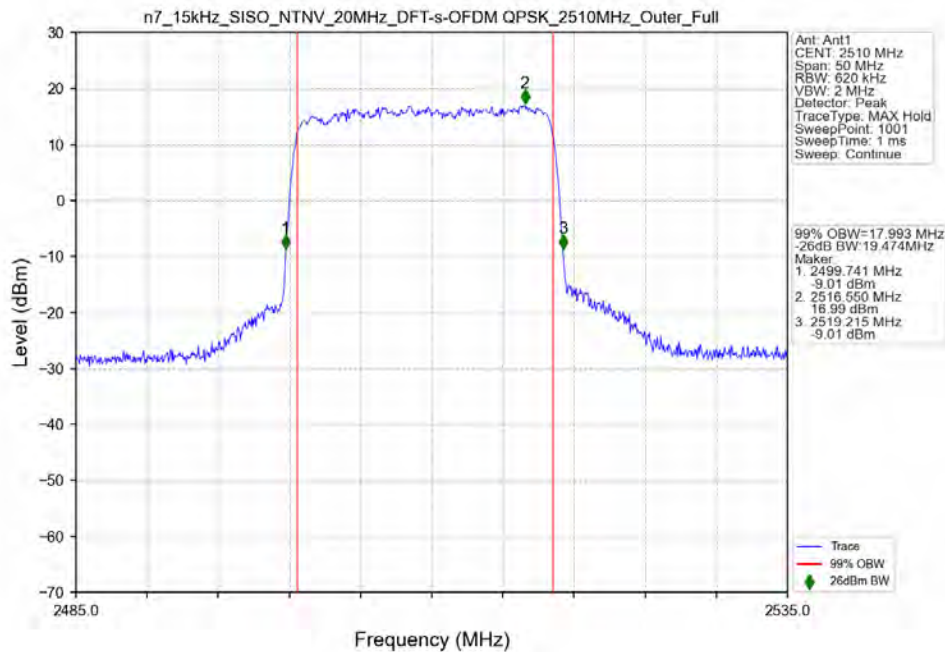


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 115 of 471



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 www.sgs.com
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 sgs.china@sgs.com



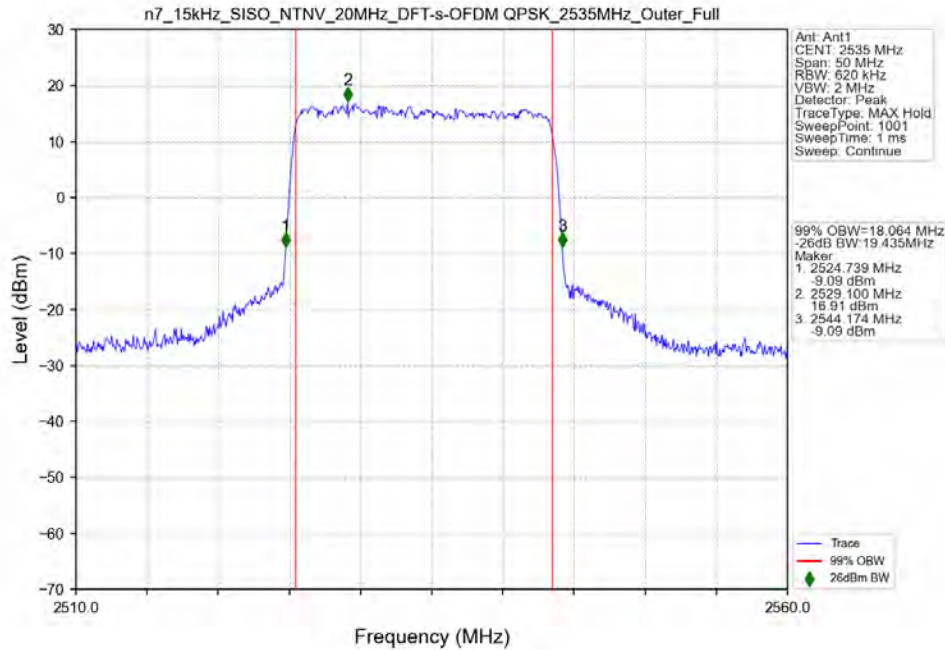
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 116 of 471

n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2560MHz_Outer_Full



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

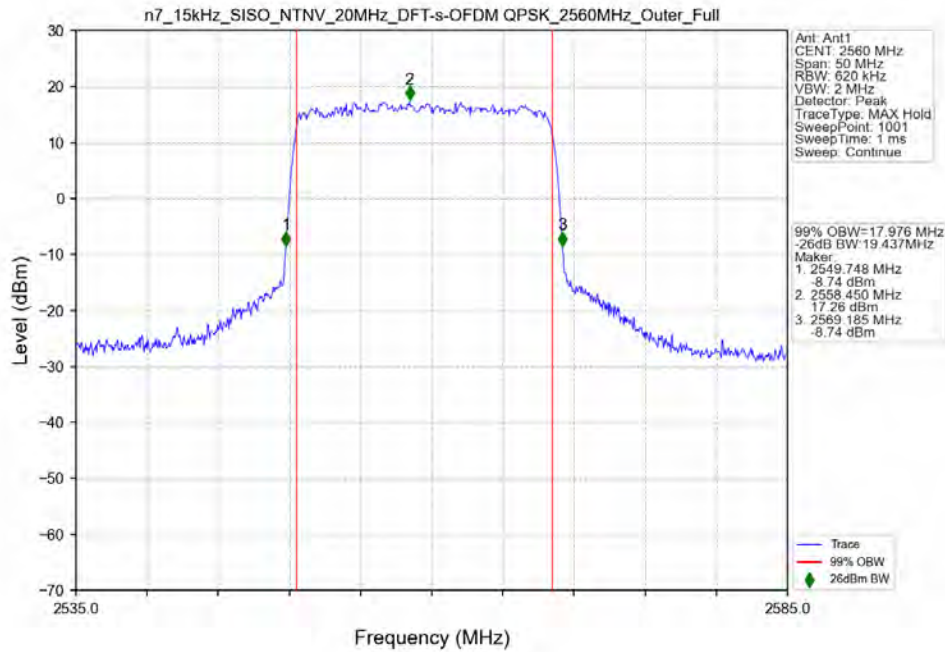


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 117 of 471



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 www.sgs.com
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 sgs.china@sgs.com



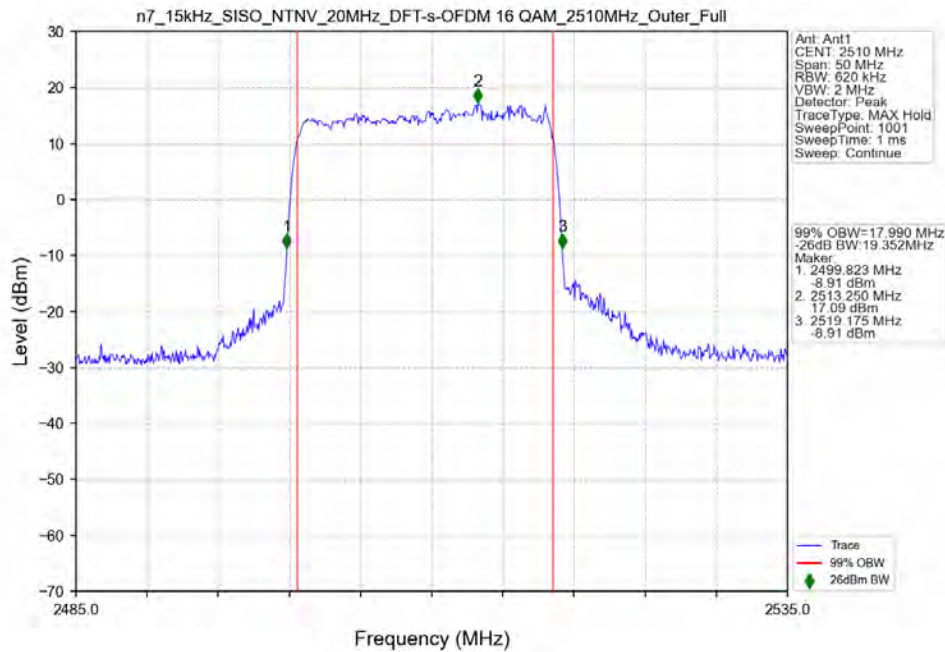
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 118 of 471

n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_2510MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full



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

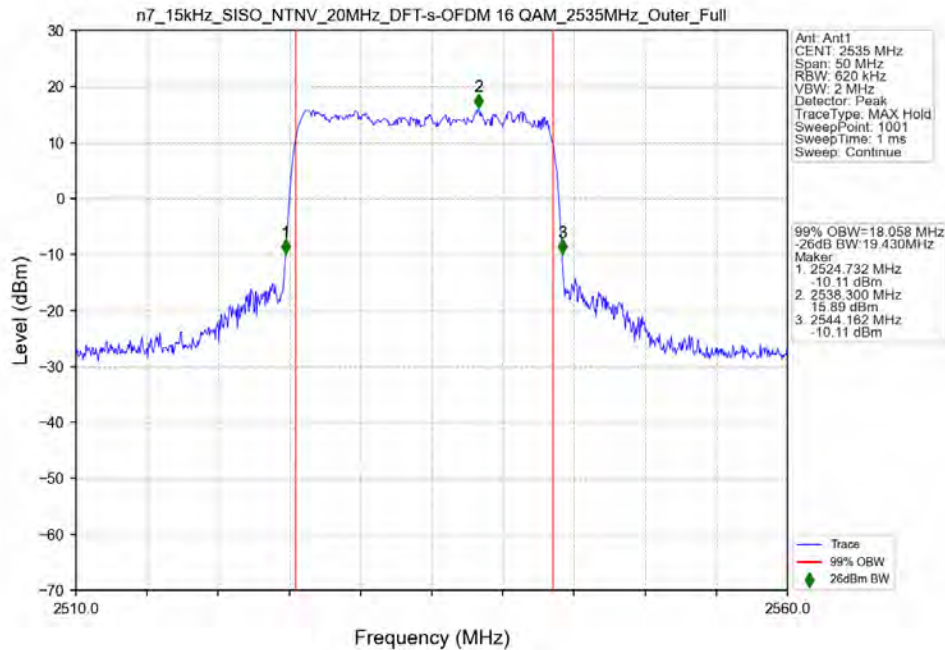


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 119 of 471



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 www.sgs.com
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 sgs.china@sgs.com



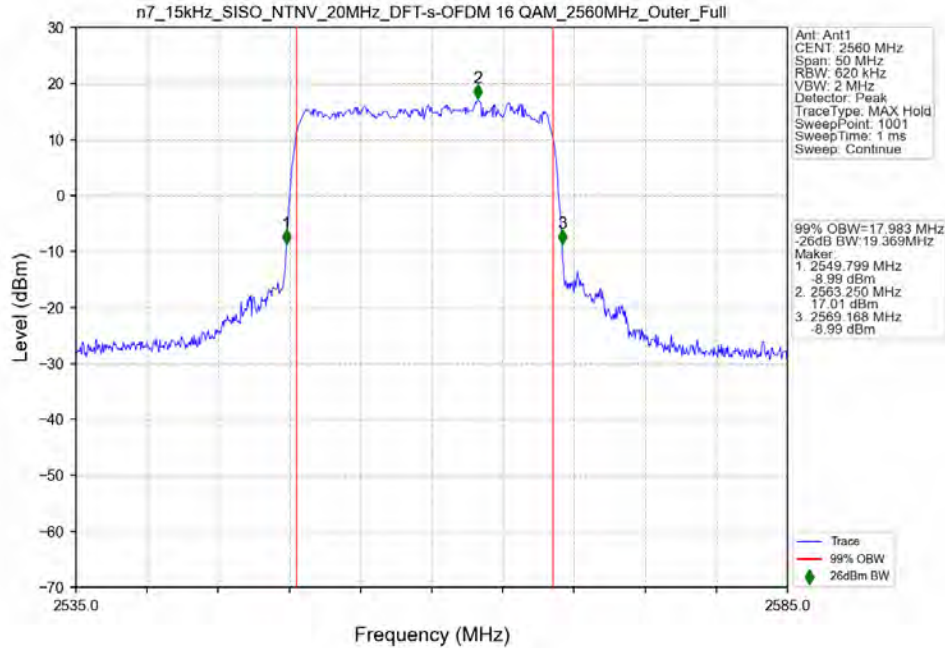
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 120 of 471

n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16 QAM_2560MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64 QAM_2510MHz_Outer_Full



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

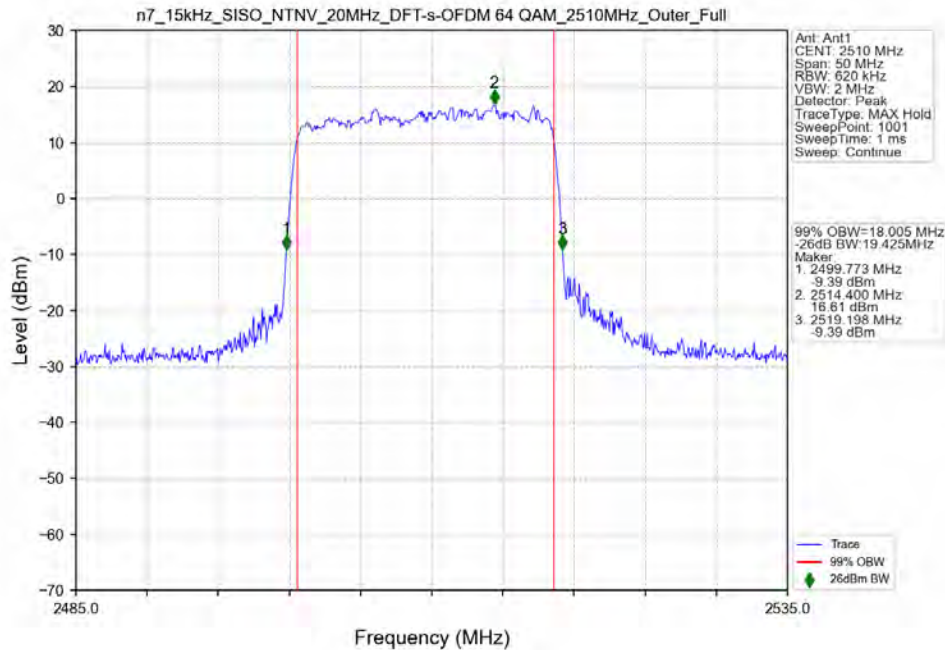


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 121 of 471



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 www.sgs.com
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 sgs.china@sgs.com



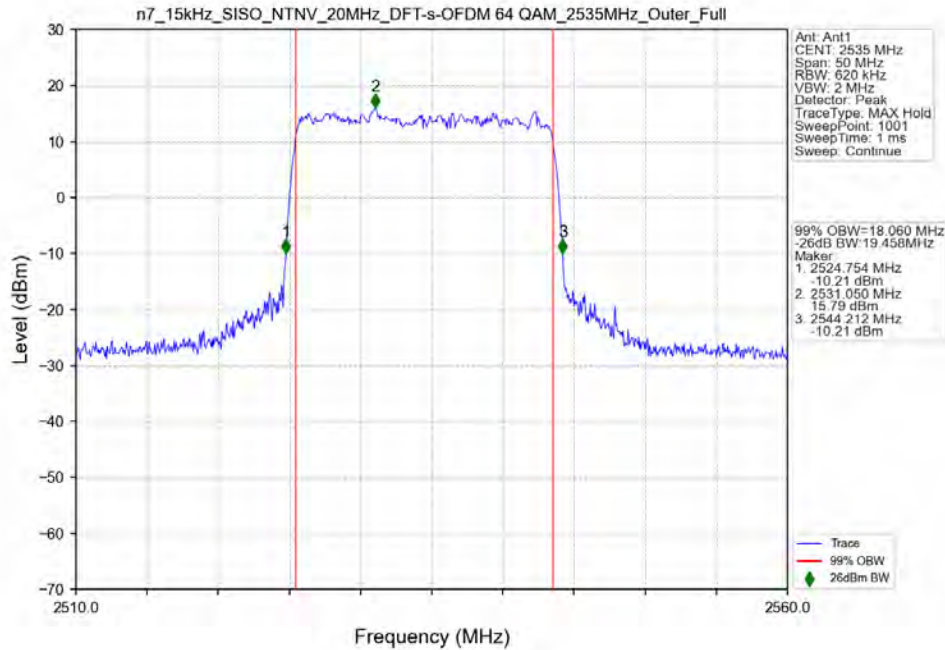
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 122 of 471

n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2560MHz_Outer_Full



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

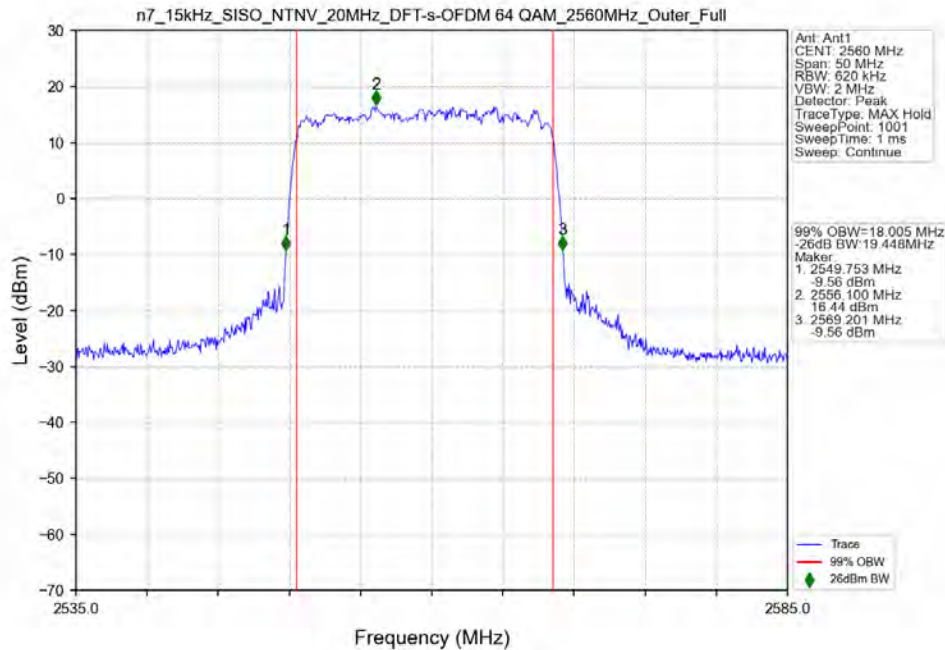


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 123 of 471



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 www.sgs.com
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 sgs.china@sgs.com



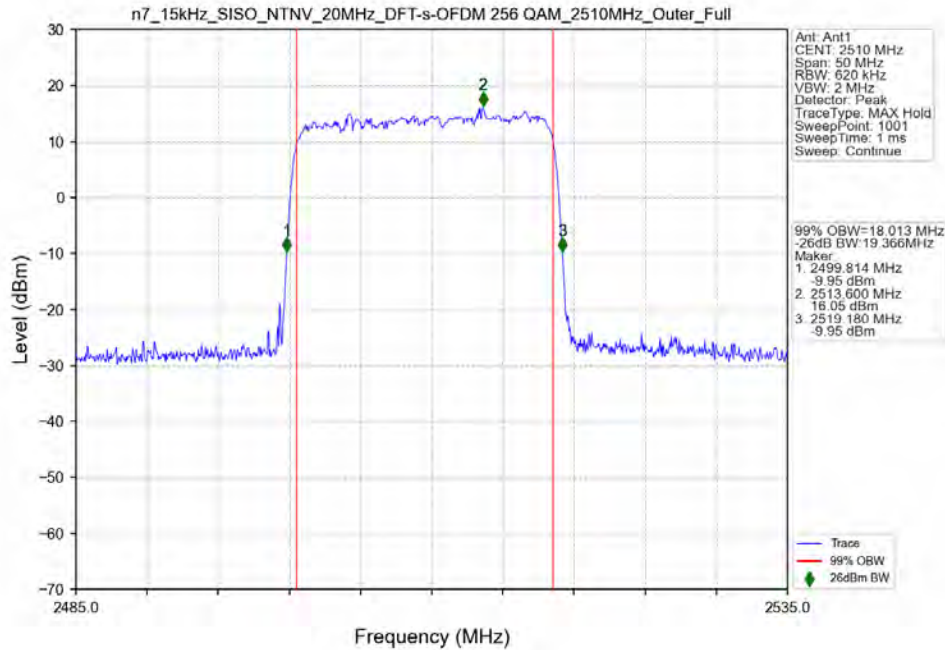
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 124 of 471

n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_2510MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full



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

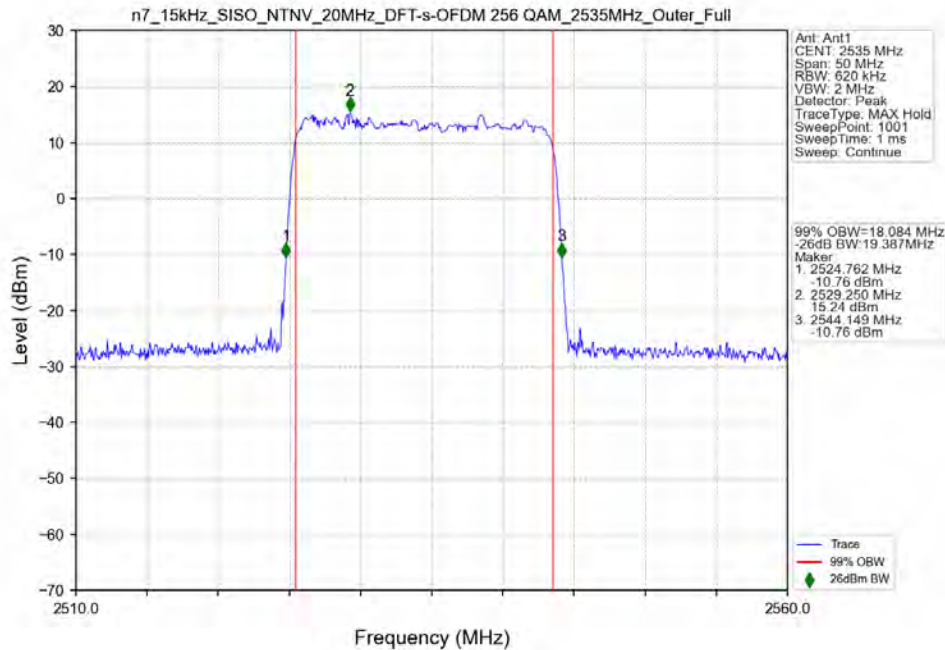


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 125 of 471



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



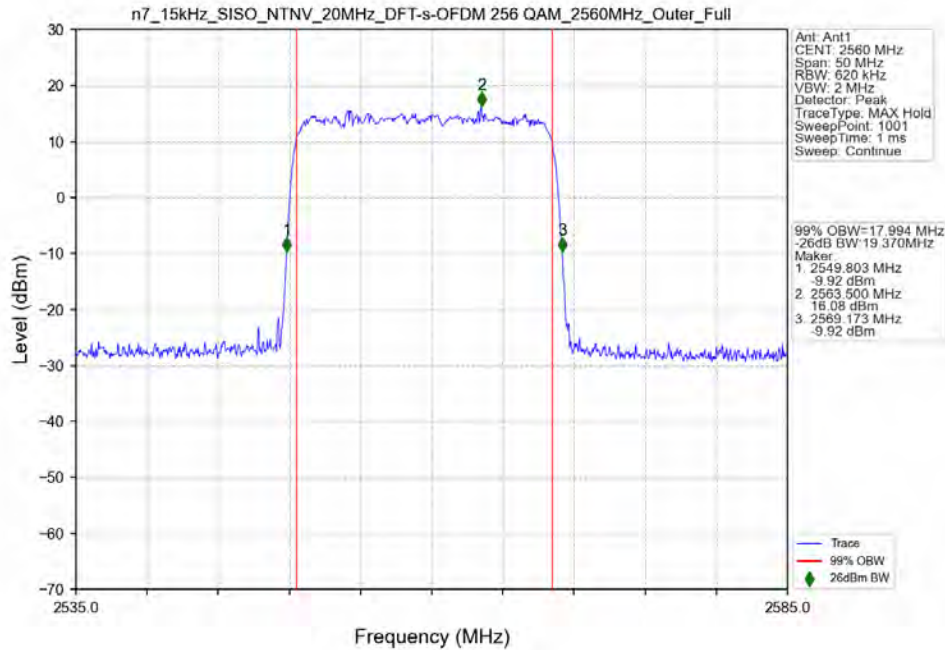
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 126 of 471

n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256 QAM_2560MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2510MHz_Outer_Full



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

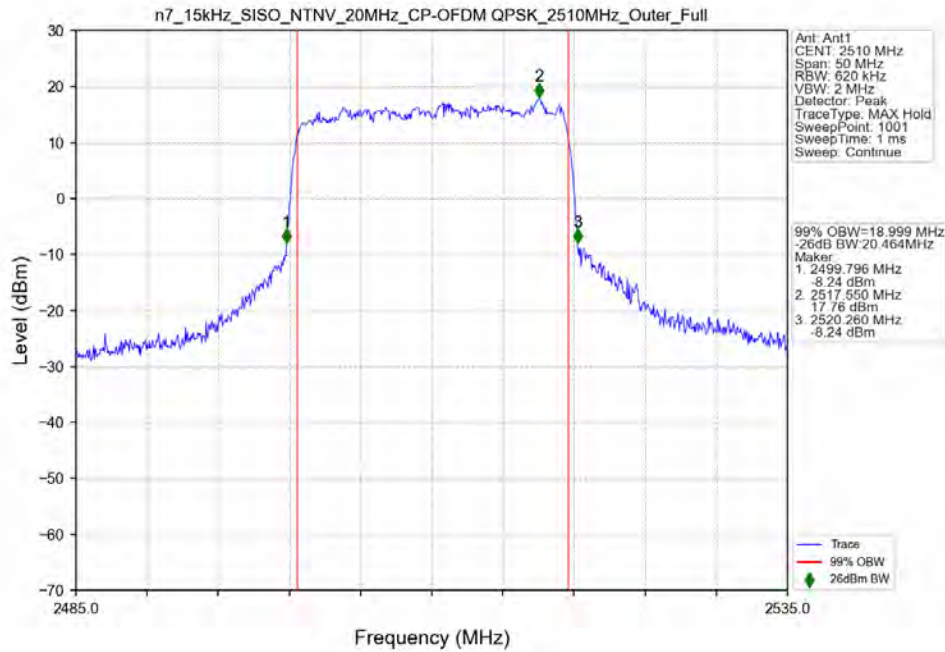


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 127 of 471



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 www.sgs.com
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 sgs.china@sgs.com



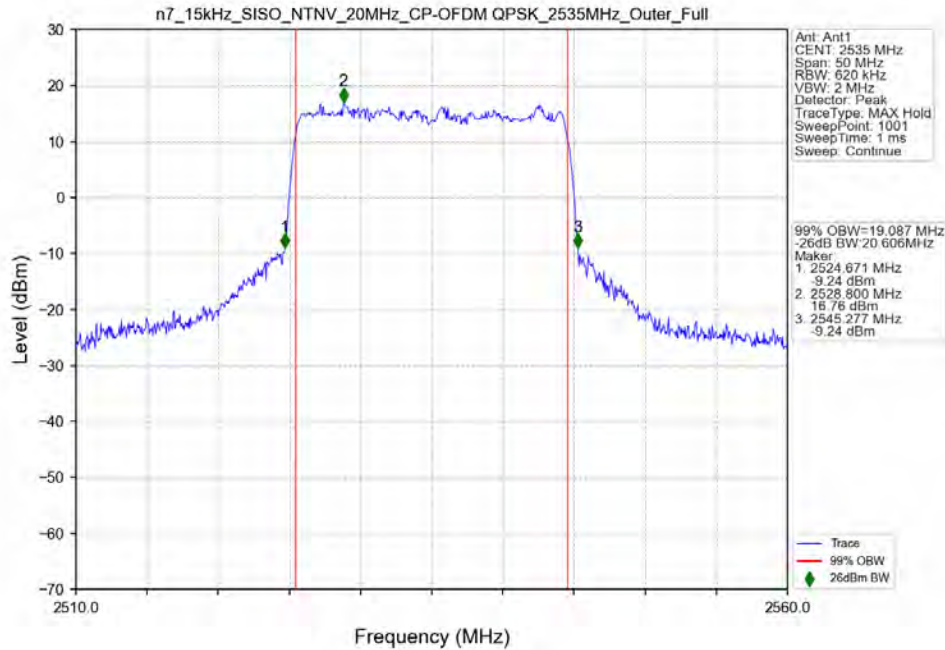
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 128 of 471

n7_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2560MHz_Outer_Full



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

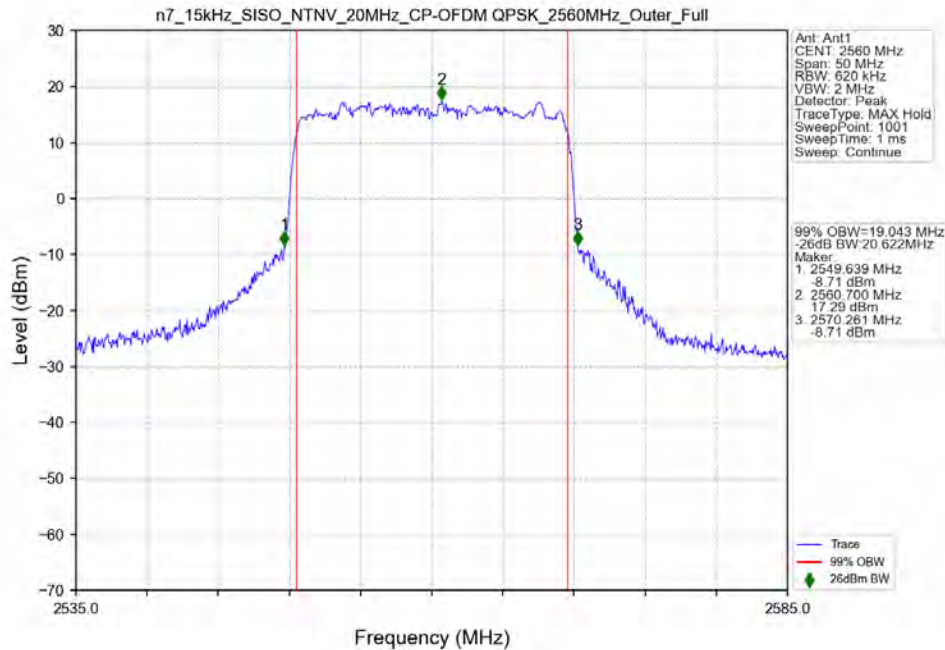


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 129 of 471



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 www.sgs.com
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 sgs.china@sgs.com



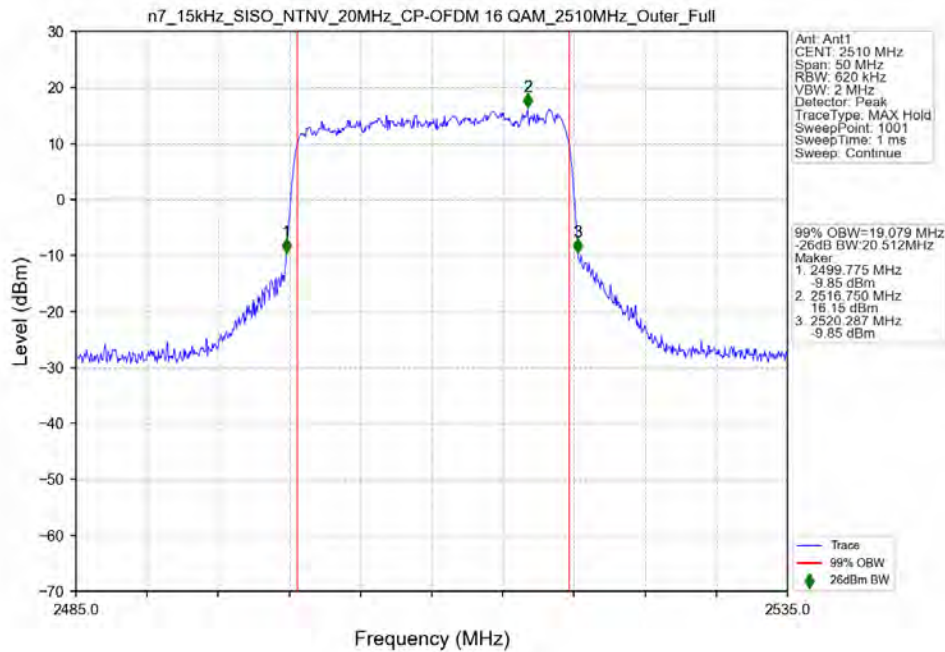
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 130 of 471

n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2510MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2535MHz_Outer_Full



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

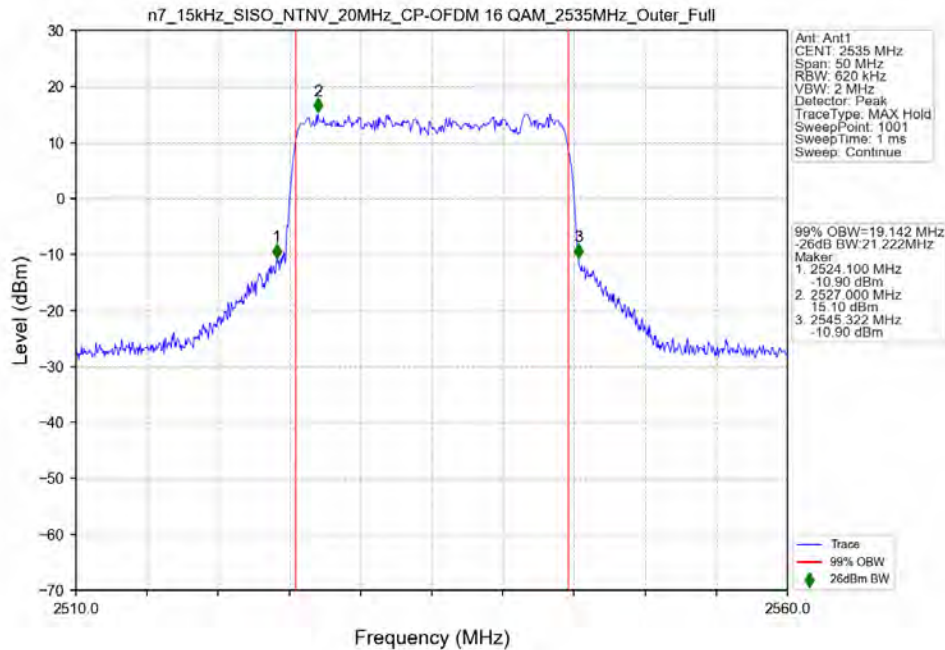


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 131 of 471



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



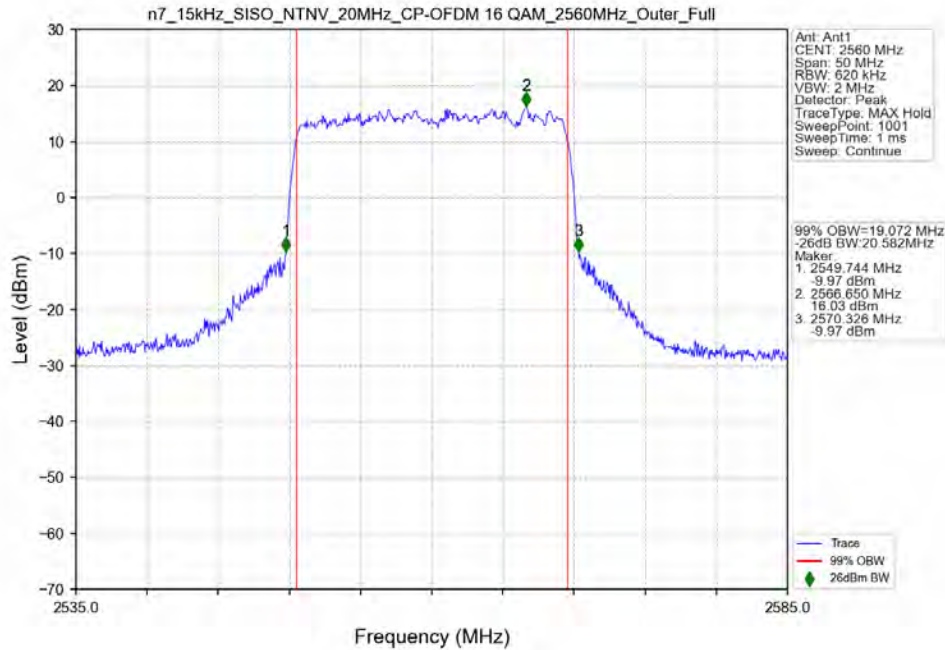
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 132 of 471

n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2560MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2510MHz_Outer_Full



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

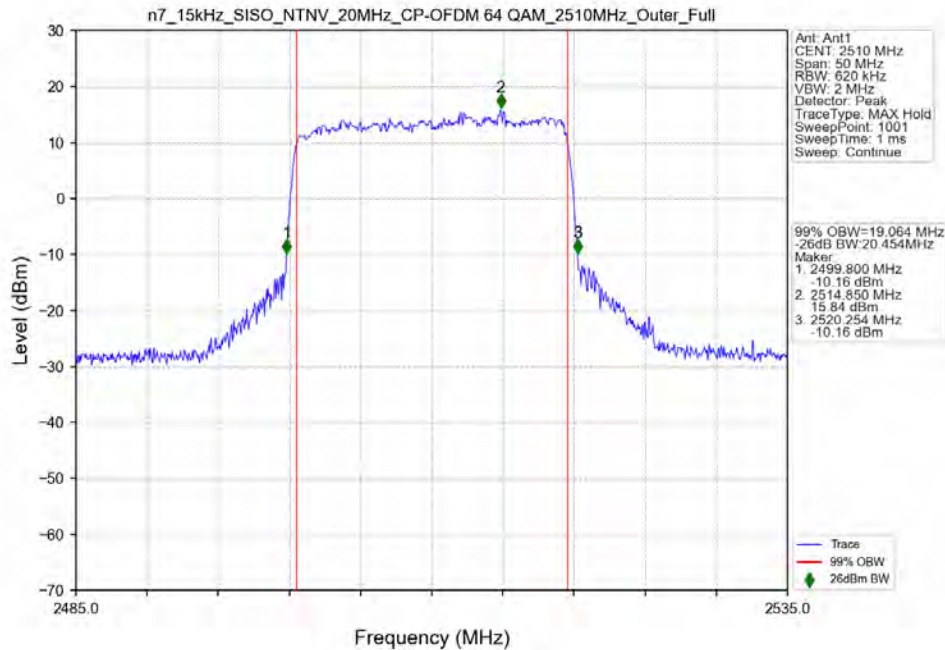


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 133 of 471



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 www.sgs.com
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 sgs.china@sgs.com



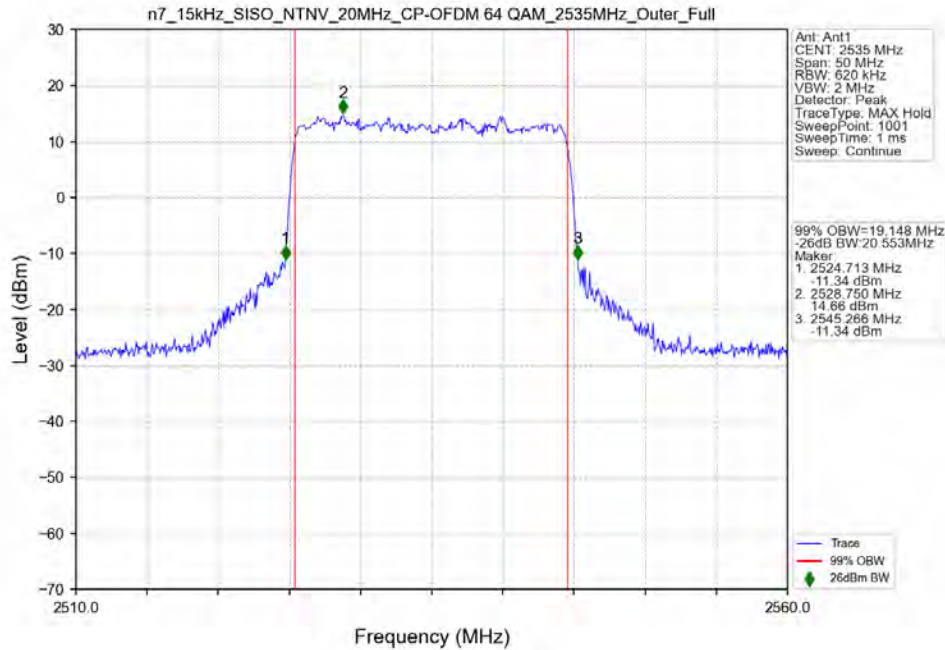
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 134 of 471

n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2560MHz_Outer_Full



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

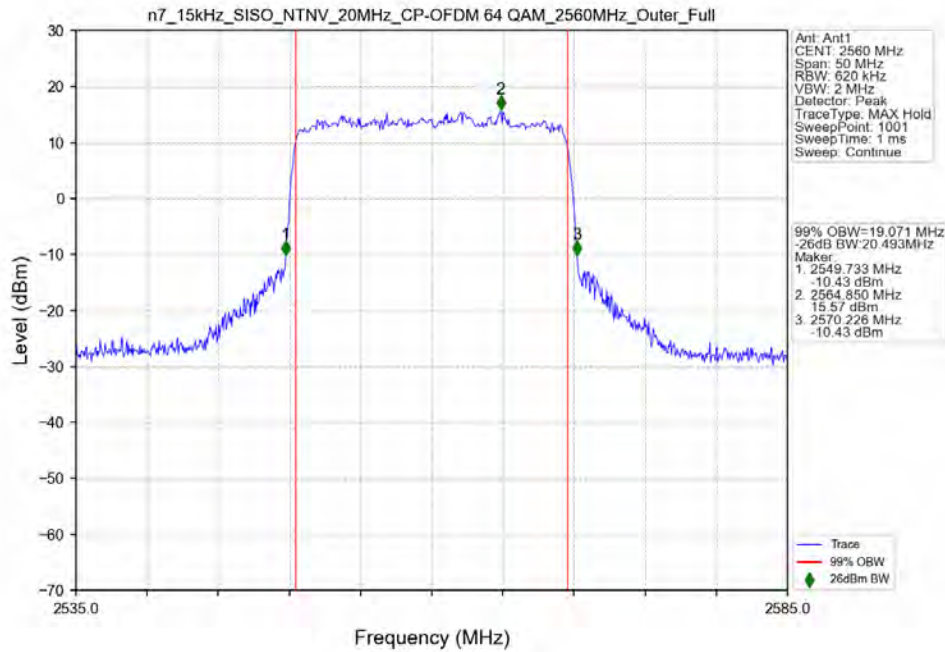


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 135 of 471



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



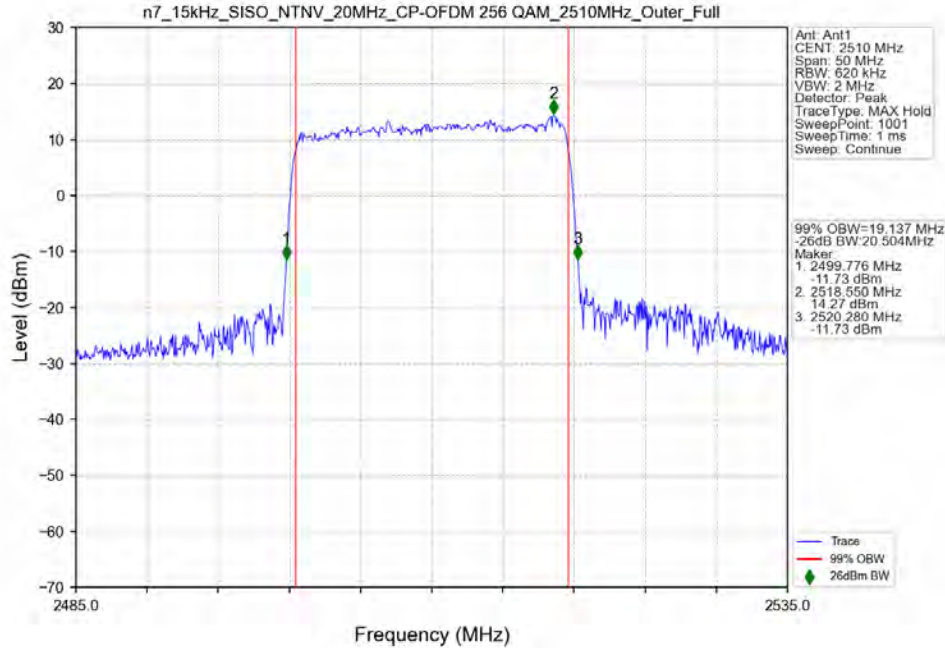
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 136 of 471

n7_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2510MHz_Outer_Full



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full



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

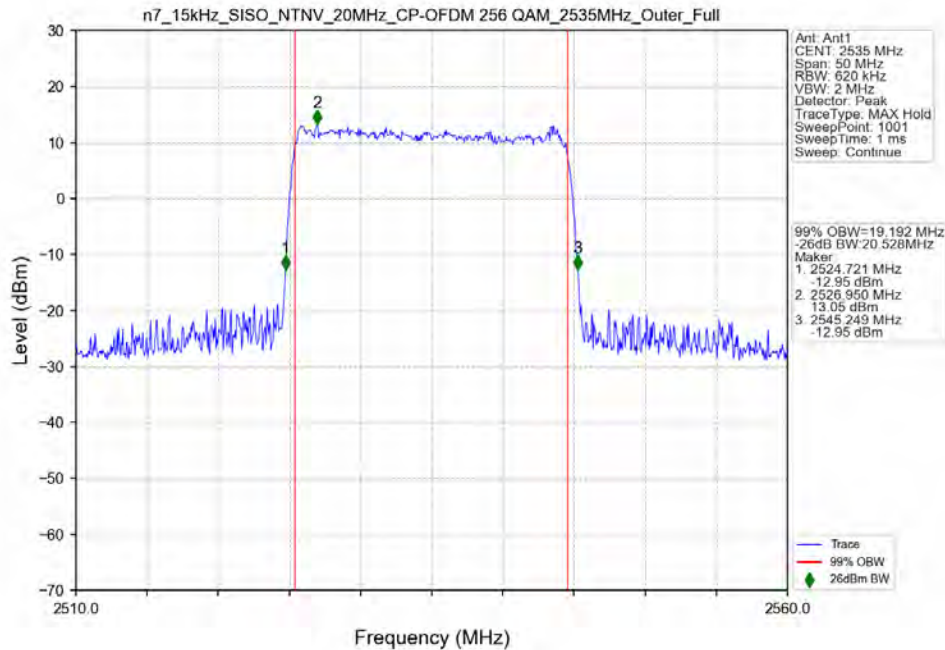


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 137 of 471



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



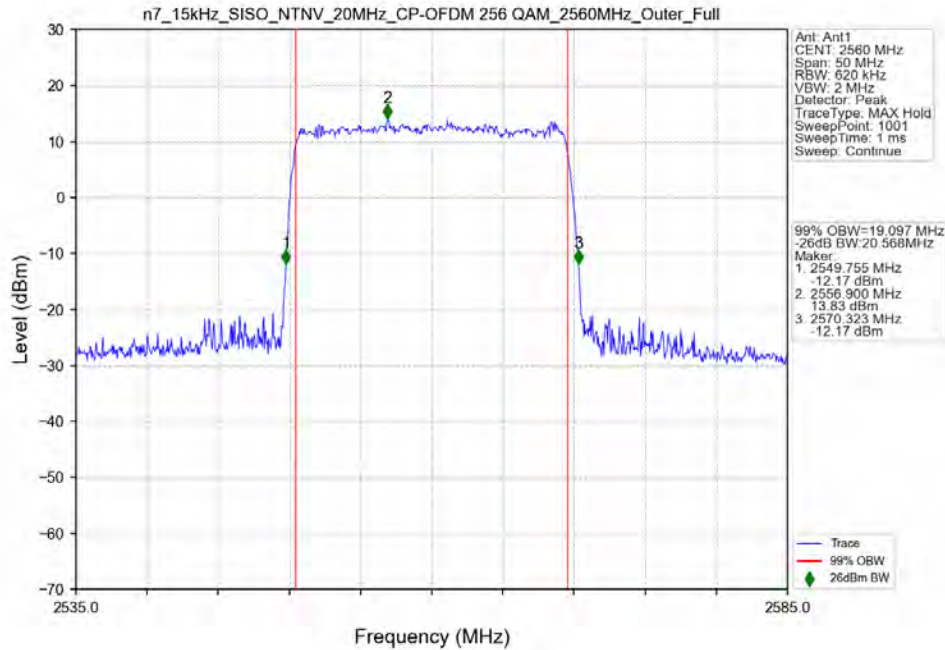
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 138 of 471

n7_15kHz_SISO_NTNV_20MHz_CP-OFDM_256 QAM_2560MHz_Outer_Full



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



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

Report No.: SZCR240100038409

Rev.: 01

Page: 139 of 471

4. Peak-Average Ratio

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n7 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Outer_Full	3.74	/	/	<=13	Pass
	2535	Outer_Full	3.93	/	/	<=13	Pass
	2567.5	Outer_Full	3.75	/	/	<=13	Pass
DFT-s-OFDM QPSK	2502.5	Outer_Full	4.72	/	/	<=13	Pass
	2535	Outer_Full	4.30	/	/	<=13	Pass
	2567.5	Outer_Full	5.13	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2502.5	Outer_Full	5.79	/	/	<=13	Pass
	2535	Outer_Full	5.56	/	/	<=13	Pass
	2567.5	Outer_Full	5.61	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2502.5	Outer_Full	6.24	/	/	<=13	Pass
	2535	Outer_Full	6.02	/	/	<=13	Pass
	2567.5	Outer_Full	6.12	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2502.5	Outer_Full	6.30	/	/	<=13	Pass
	2535	Outer_Full	6.34	/	/	<=13	Pass
	2567.5	Outer_Full	6.36	/	/	<=13	Pass
CP-OFDM QPSK	2502.5	Outer_Full	6.32	/	/	<=13	Pass
	2535	Outer_Full	6.81	/	/	<=13	Pass
	2567.5	Outer_Full	6.45	/	/	<=13	Pass
CP-OFDM 16 QAM	2502.5	Outer_Full	6.99	/	/	<=13	Pass
	2535	Outer_Full	6.72	/	/	<=13	Pass
	2567.5	Outer_Full	7.23	/	/	<=13	Pass
CP-OFDM 64 QAM	2502.5	Outer_Full	7.50	/	/	<=13	Pass
	2535	Outer_Full	7.28	/	/	<=13	Pass
	2567.5	Outer_Full	6.82	/	/	<=13	Pass
CP-OFDM 256 QAM	2502.5	Outer_Full	8.37	/	/	<=13	Pass
	2535	Outer_Full	8.44	/	/	<=13	Pass
	2567.5	Outer_Full	8.35	/	/	<=13	Pass



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

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

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



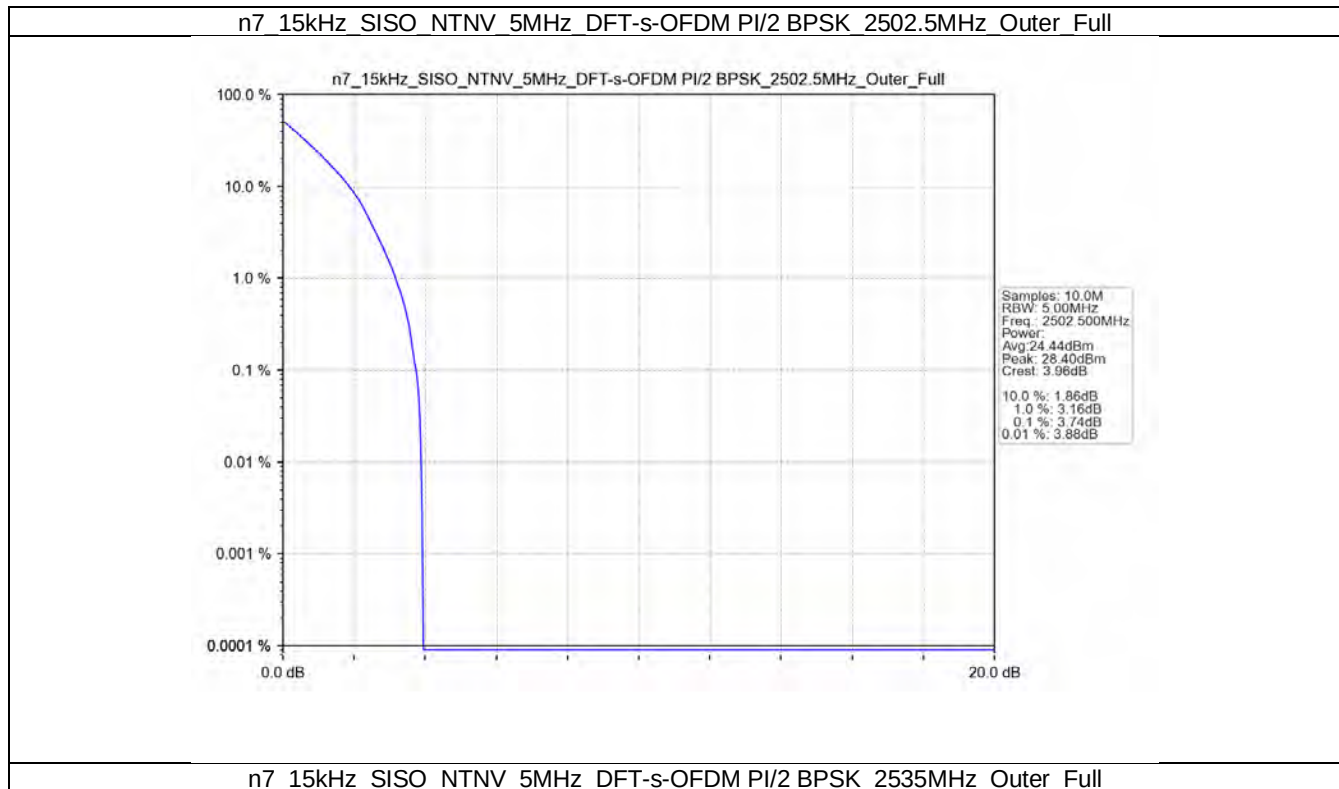
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 140 of 471

4.1.2 Test Graph



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 www.sgs.com
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 sgs.china@sgs.com

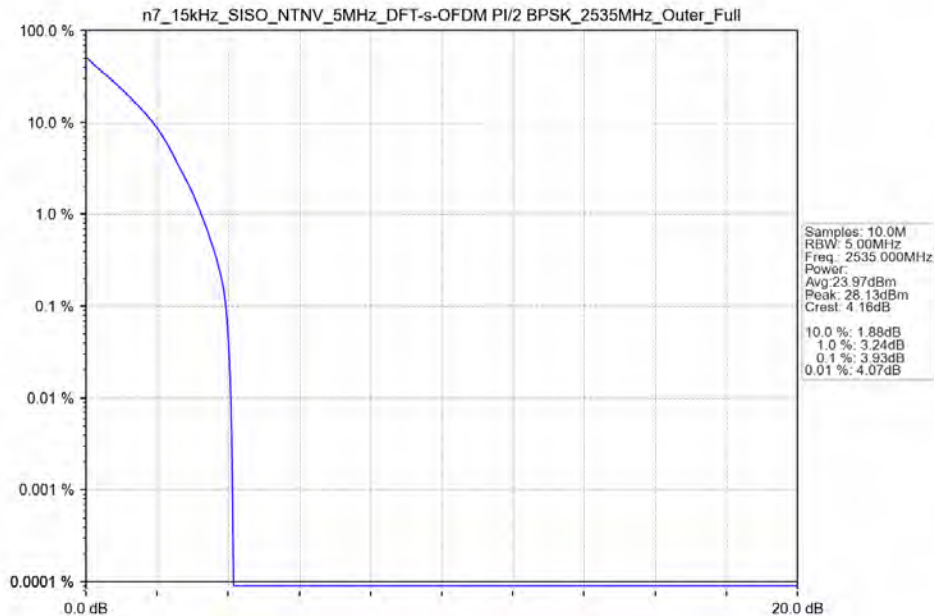


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 141 of 471



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 www.sgs.com
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 sgs.china@sgs.com



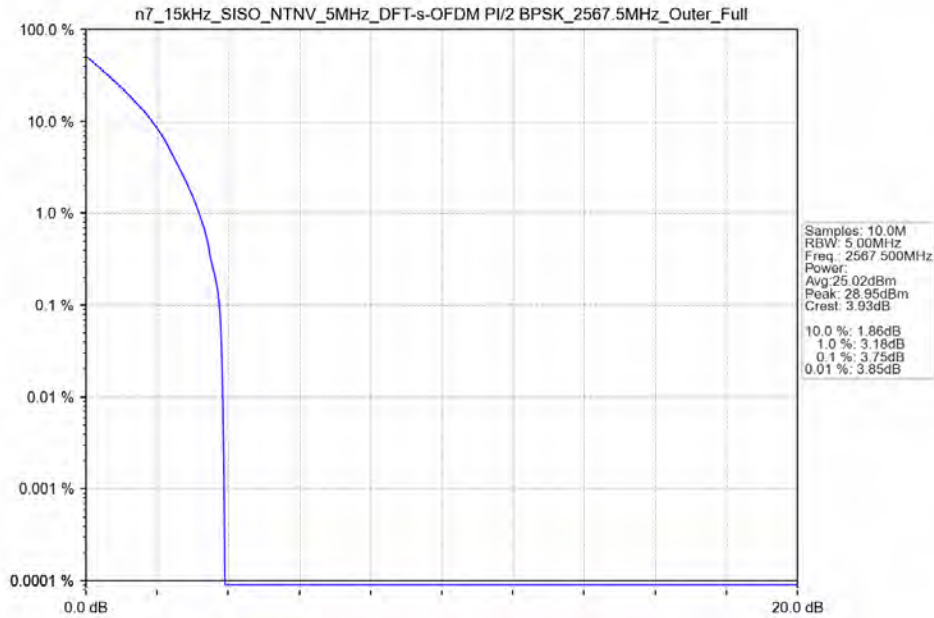
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 142 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2502.5MHz_Outer_Full



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 www.sgs.com
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 sgs.china@sgs.com

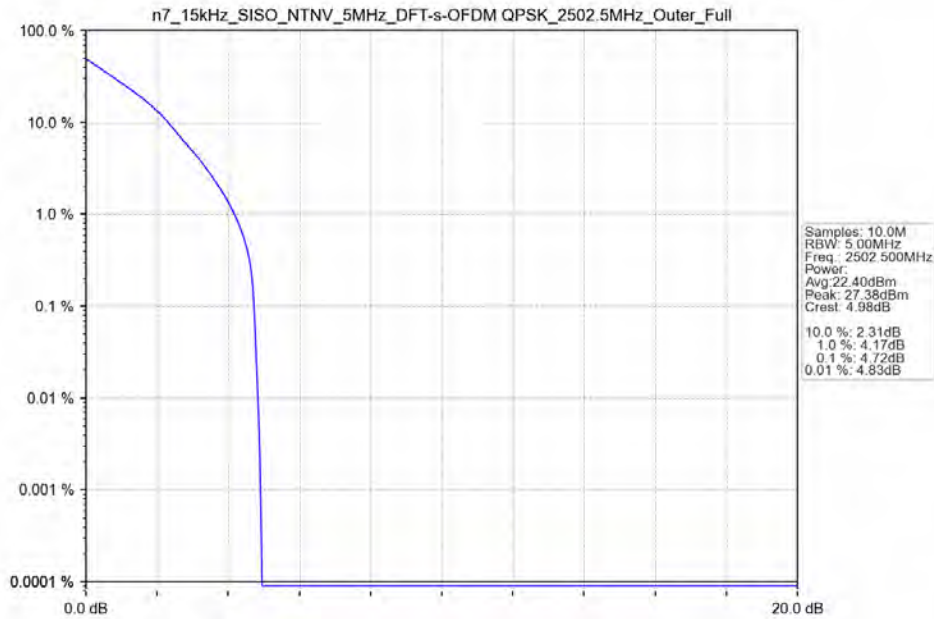


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 143 of 471



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 www.ssgroup.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 sgs.china@sgs.com



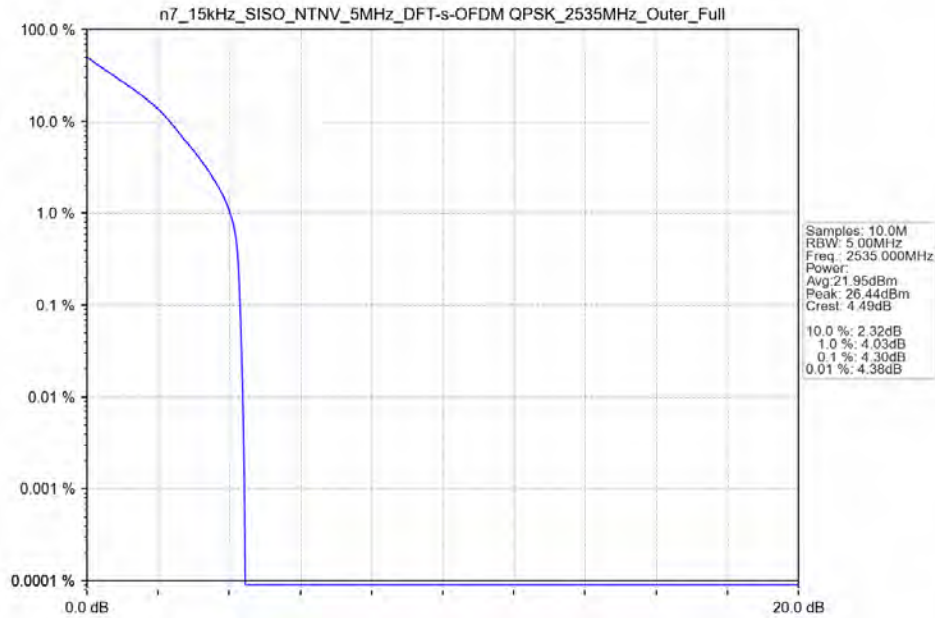
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 144 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2567.5MHz_Outer_Full



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 www.sgs.com
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 sgs.china@sgs.com

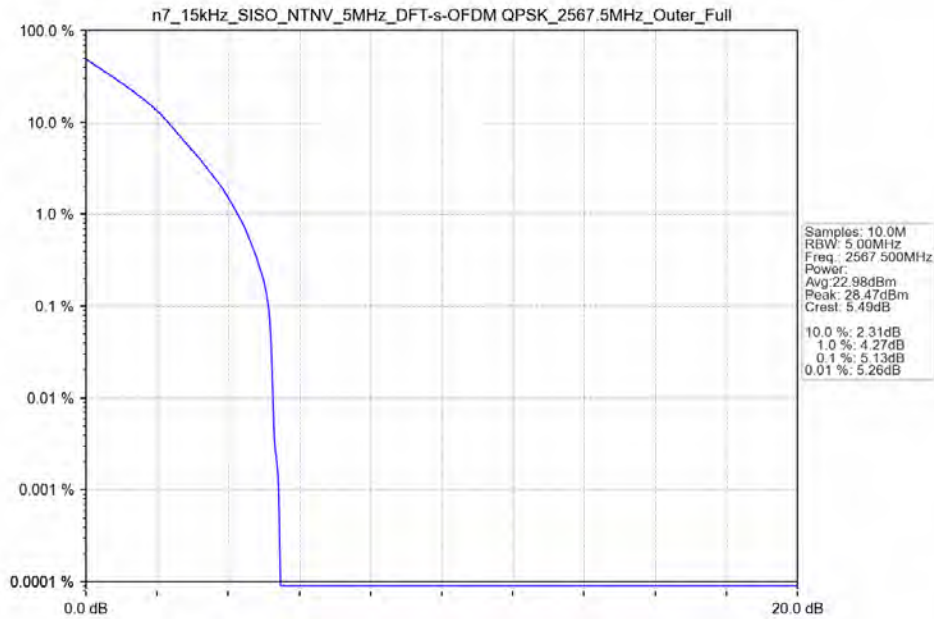


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 145 of 471



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



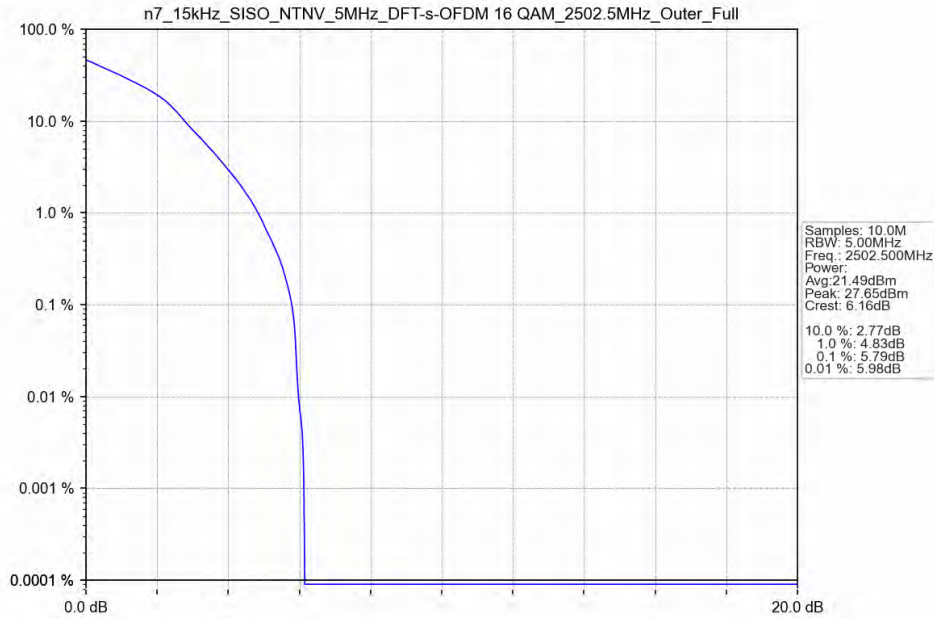
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 146 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_2502.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full



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 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 sgs.china@sgs.com

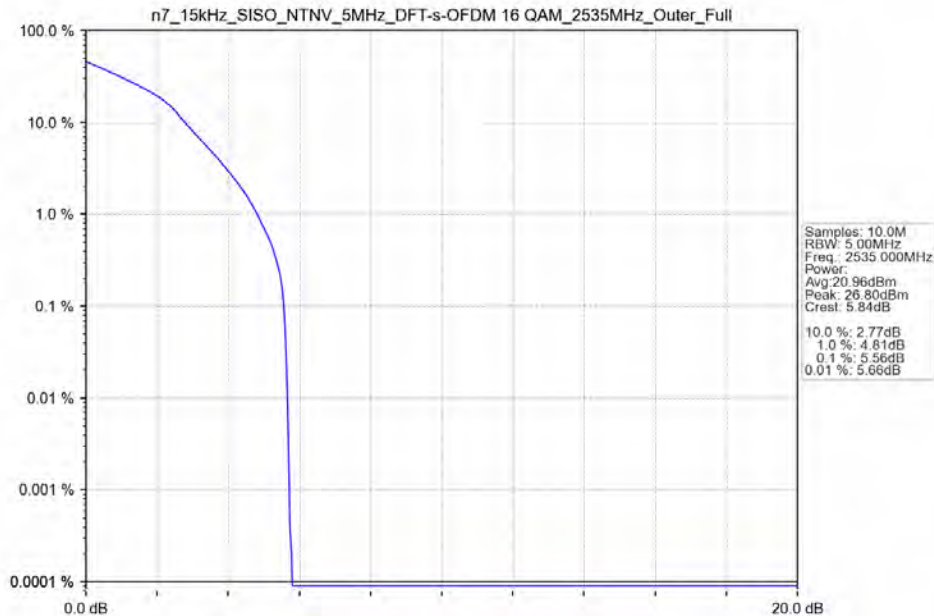


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 147 of 471



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 www.sgs.com
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 sgs.china@sgs.com



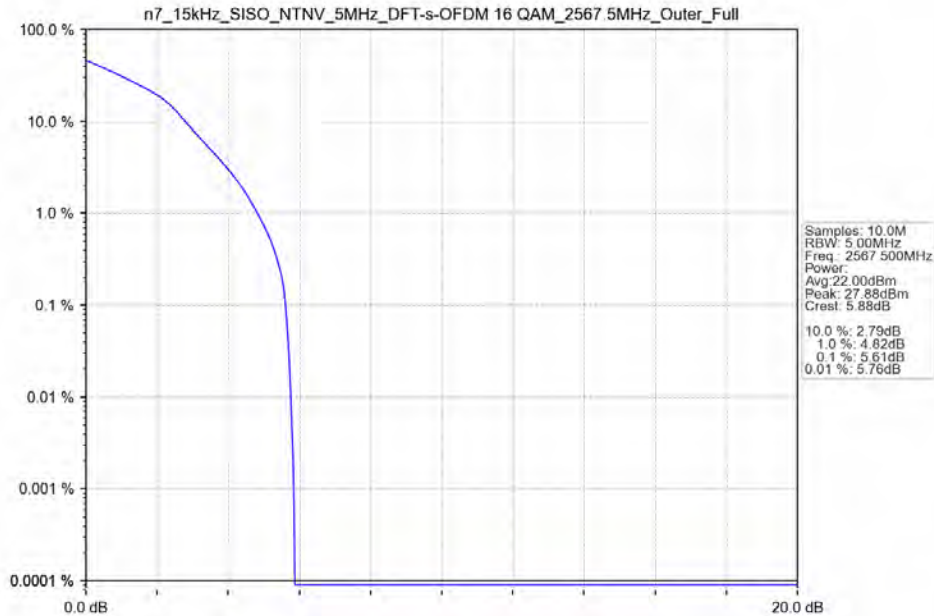
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 148 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_2502.5MHz_Outer_Full



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 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 sgs.china@sgs.com

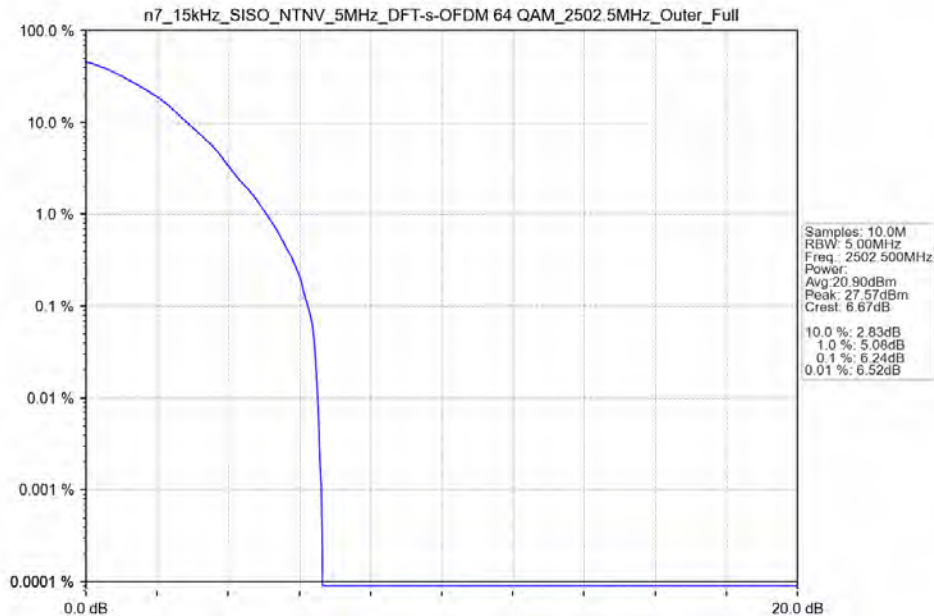


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 149 of 471



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



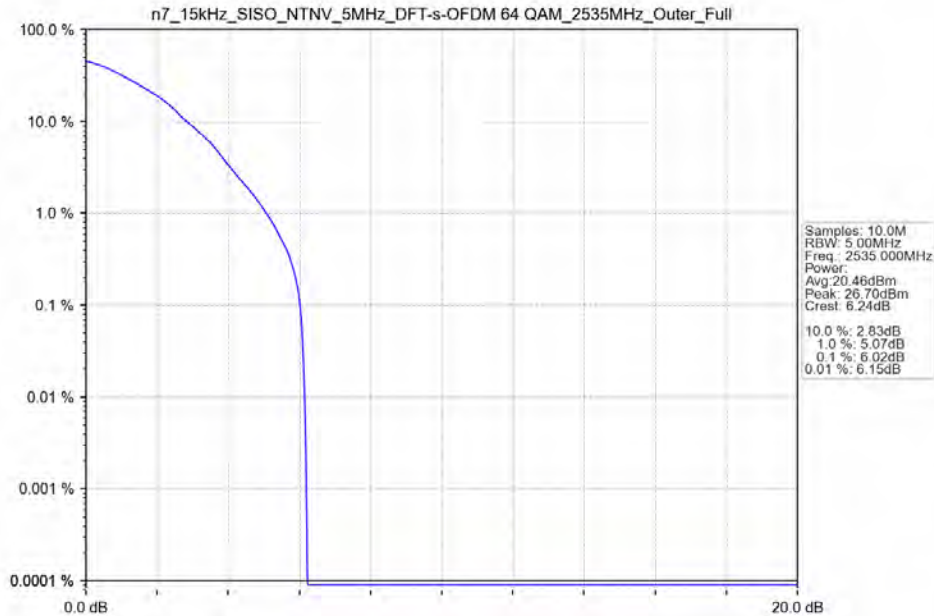
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 150 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_2567.5MHz_Outer_Full



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 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 sgs.china@sgs.com

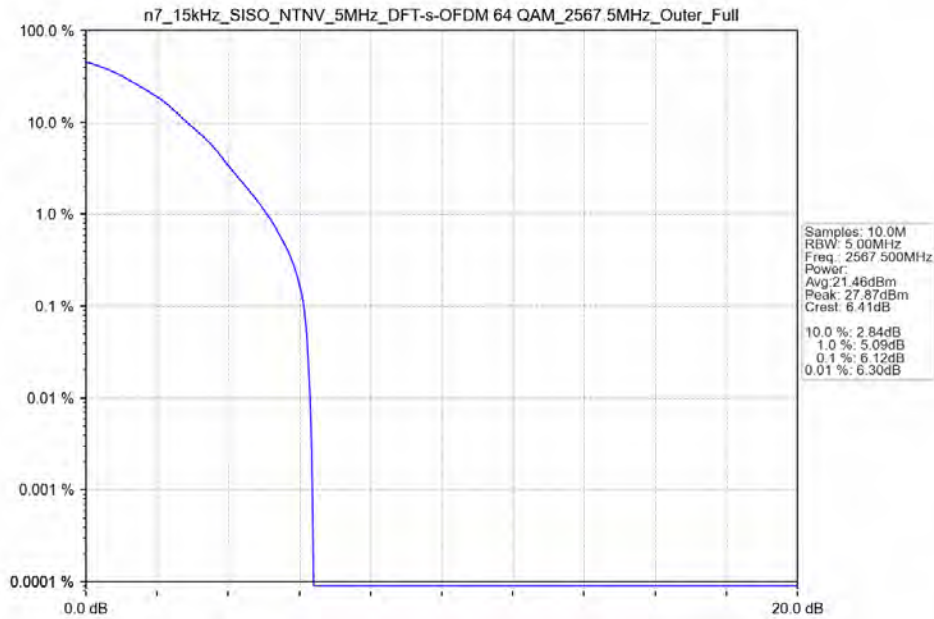


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 151 of 471



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 www.sgs.com
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 sgs.china@sgs.com



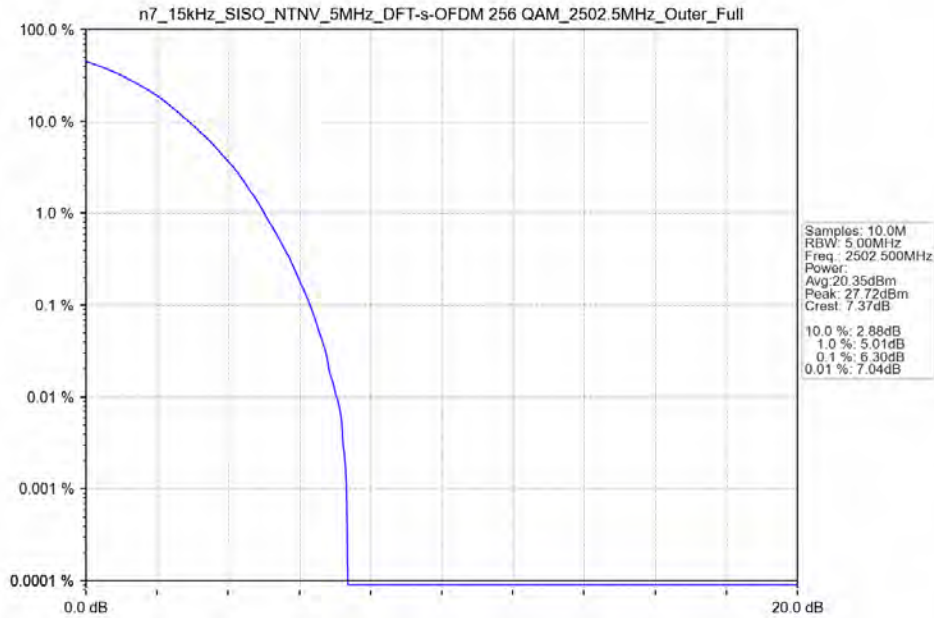
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 152 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_2502.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full



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

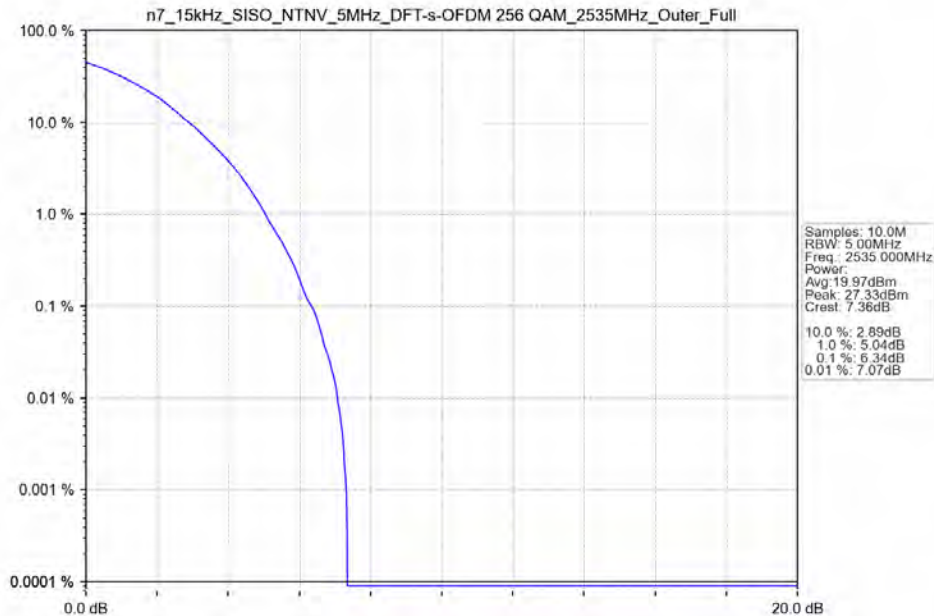


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 153 of 471



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 www.ssgroup.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 sgs.china@sgs.com



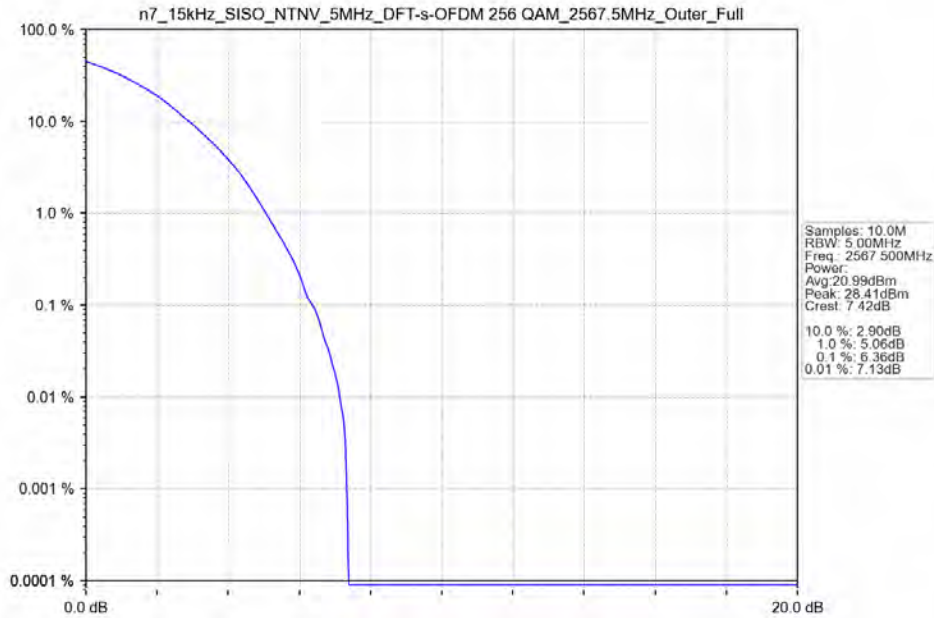
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 154 of 471

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Outer_Full



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

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgs.com
t (86-755) 26012053 sgs.china@sgs.com

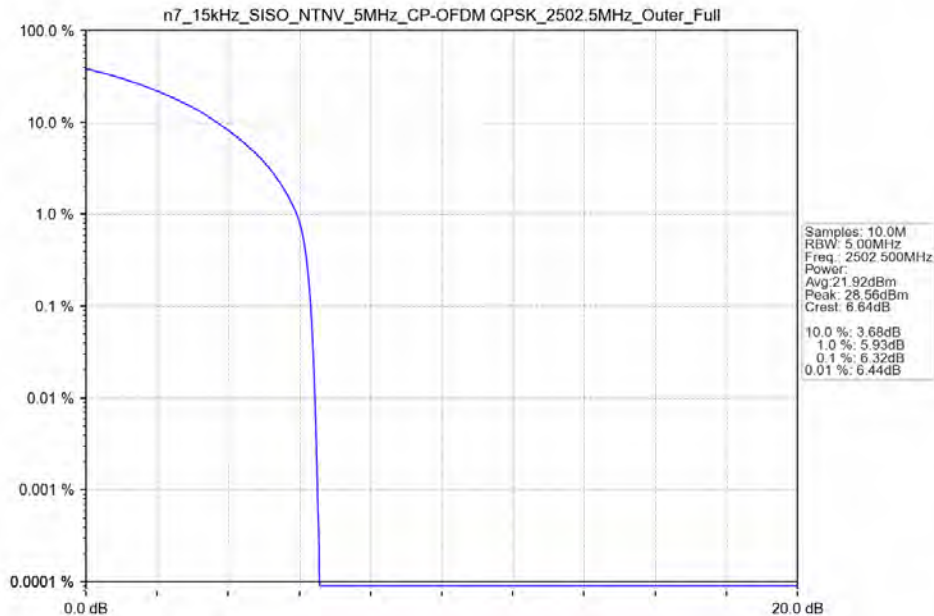


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 155 of 471



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



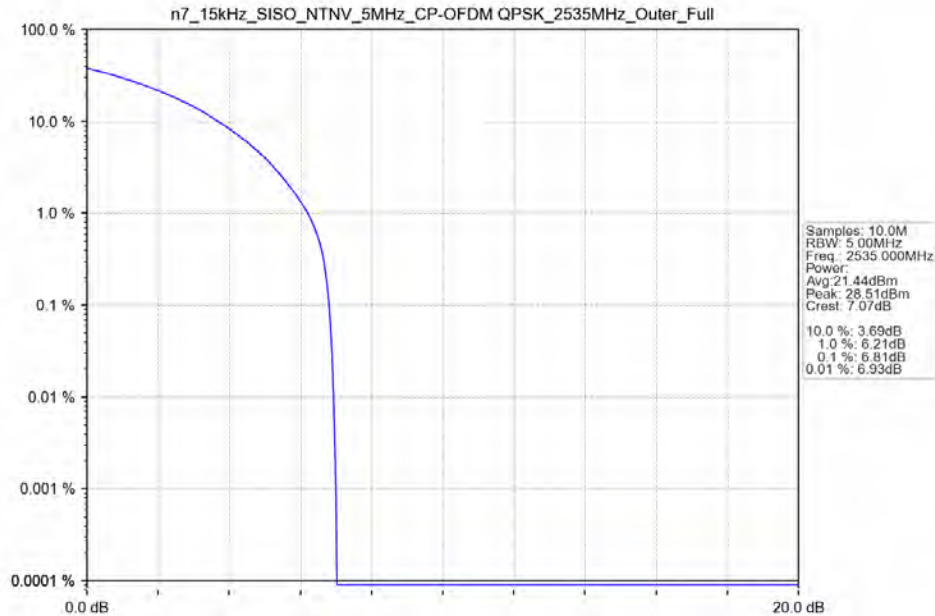
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 156 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2535MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2567.5MHz_Outer_Full



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

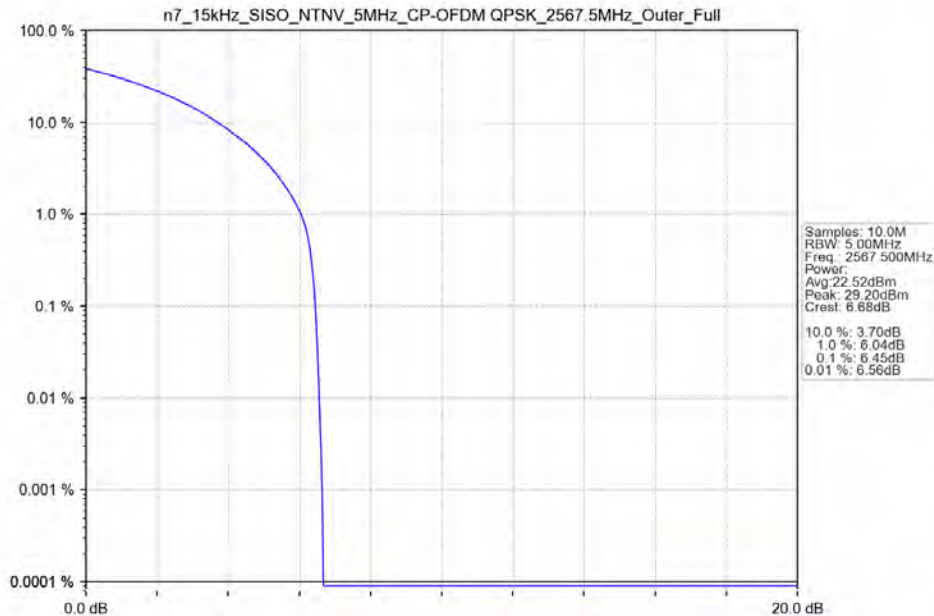


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 157 of 471



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 www.sgs.com
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 sgs.china@sgs.com



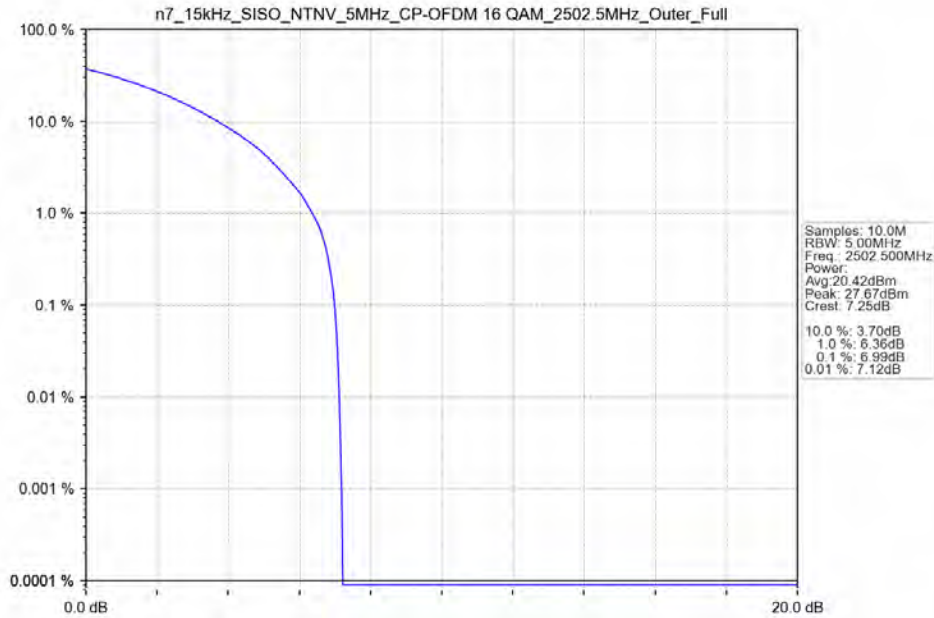
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 158 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_2502.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_2535MHz_Outer_Full



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 www.sgs.com
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 sgs.china@sgs.com

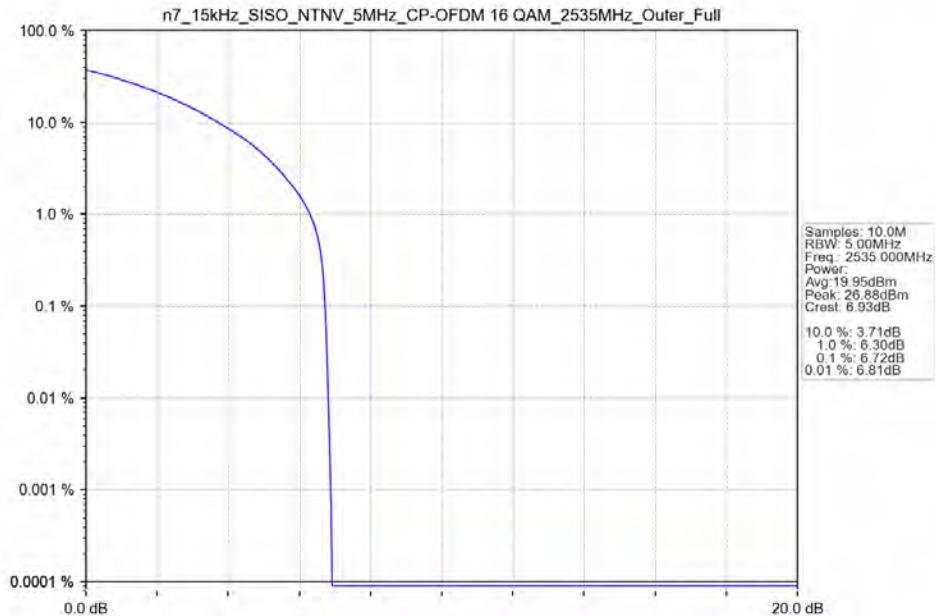


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 159 of 471



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 www.sgs.com
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 sgs.china@sgs.com



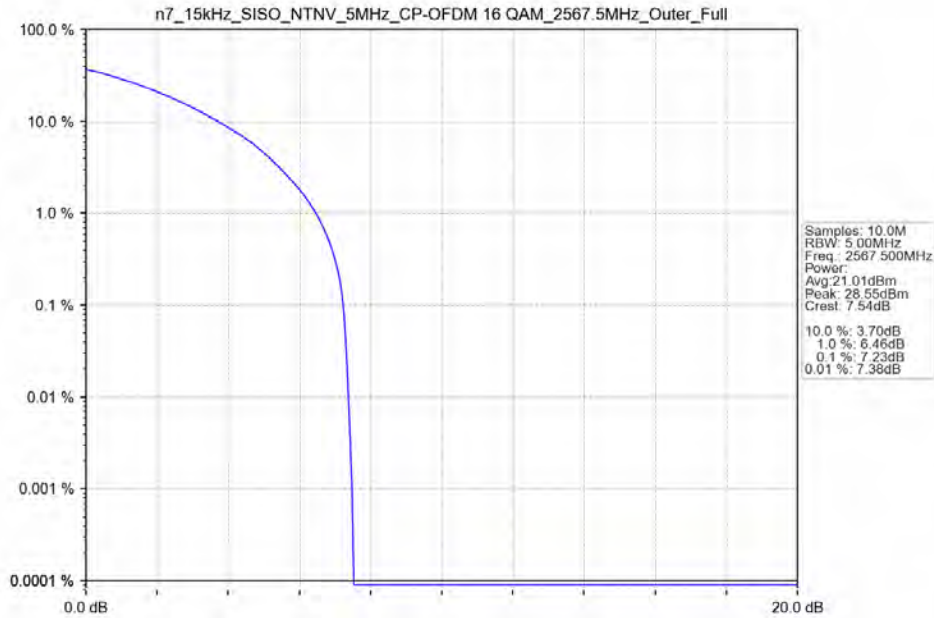
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 160 of 471

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_2567.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_64 QAM_2502.5MHz_Outer_Full



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 www.sgs.com
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 sgs.china@sgs.com

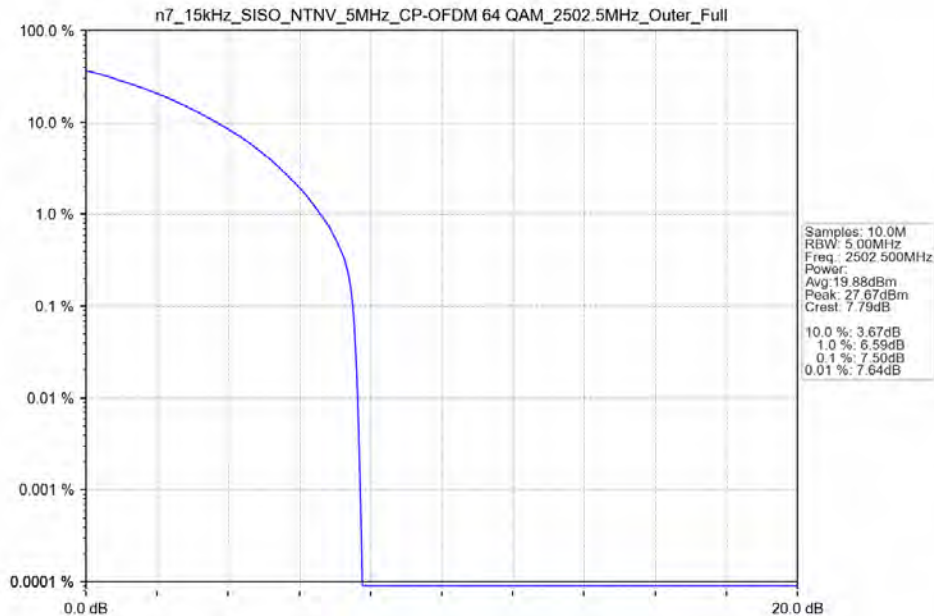


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 161 of 471



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

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053
t (86-755) 26012053
www.sgs.com
sgs.china@sgs.com