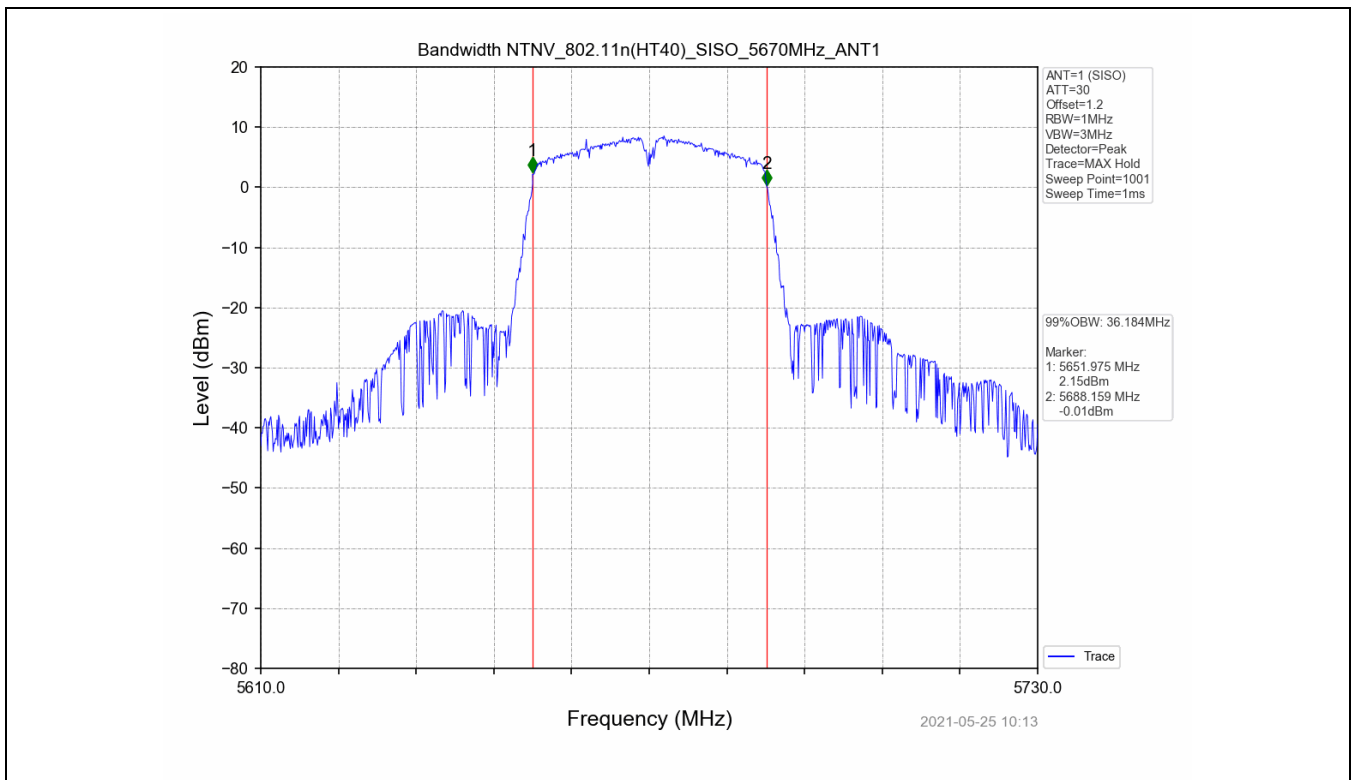
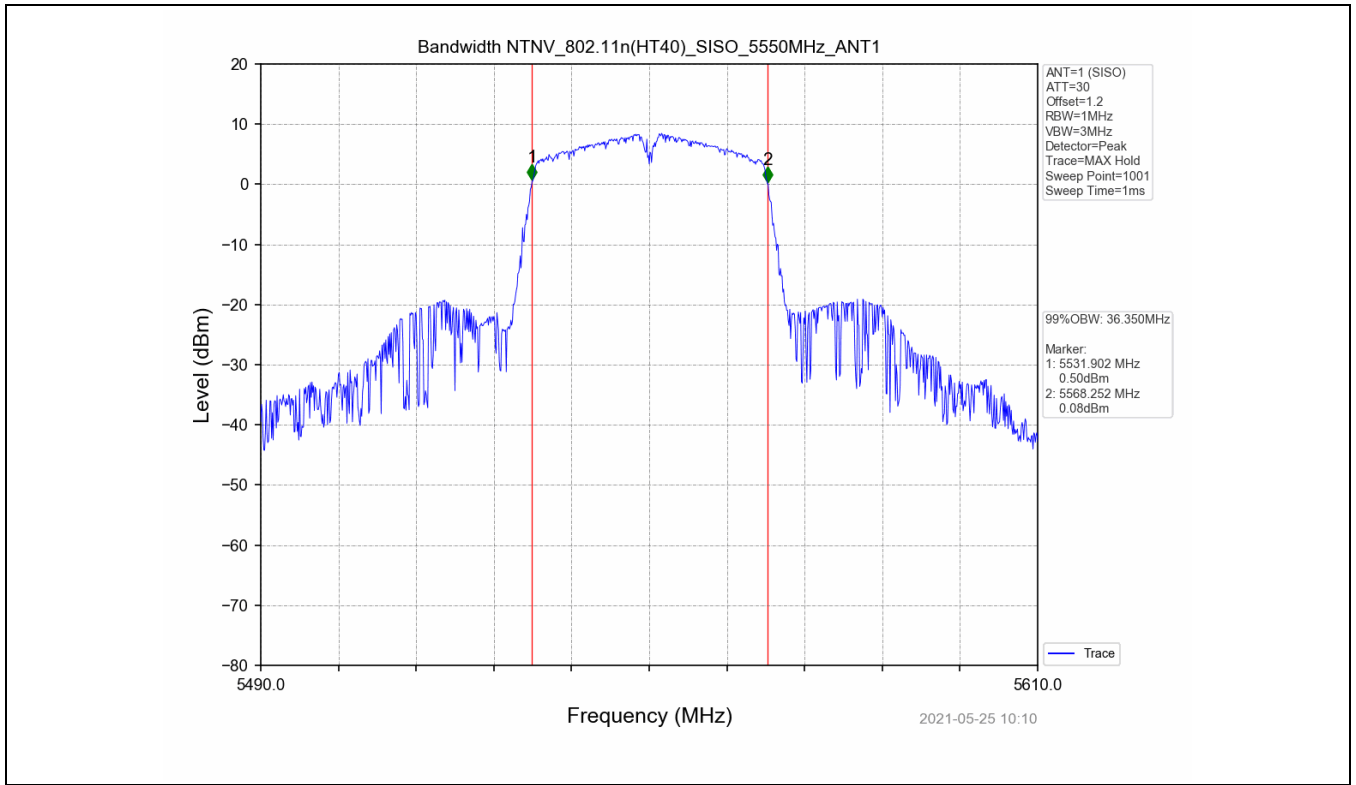


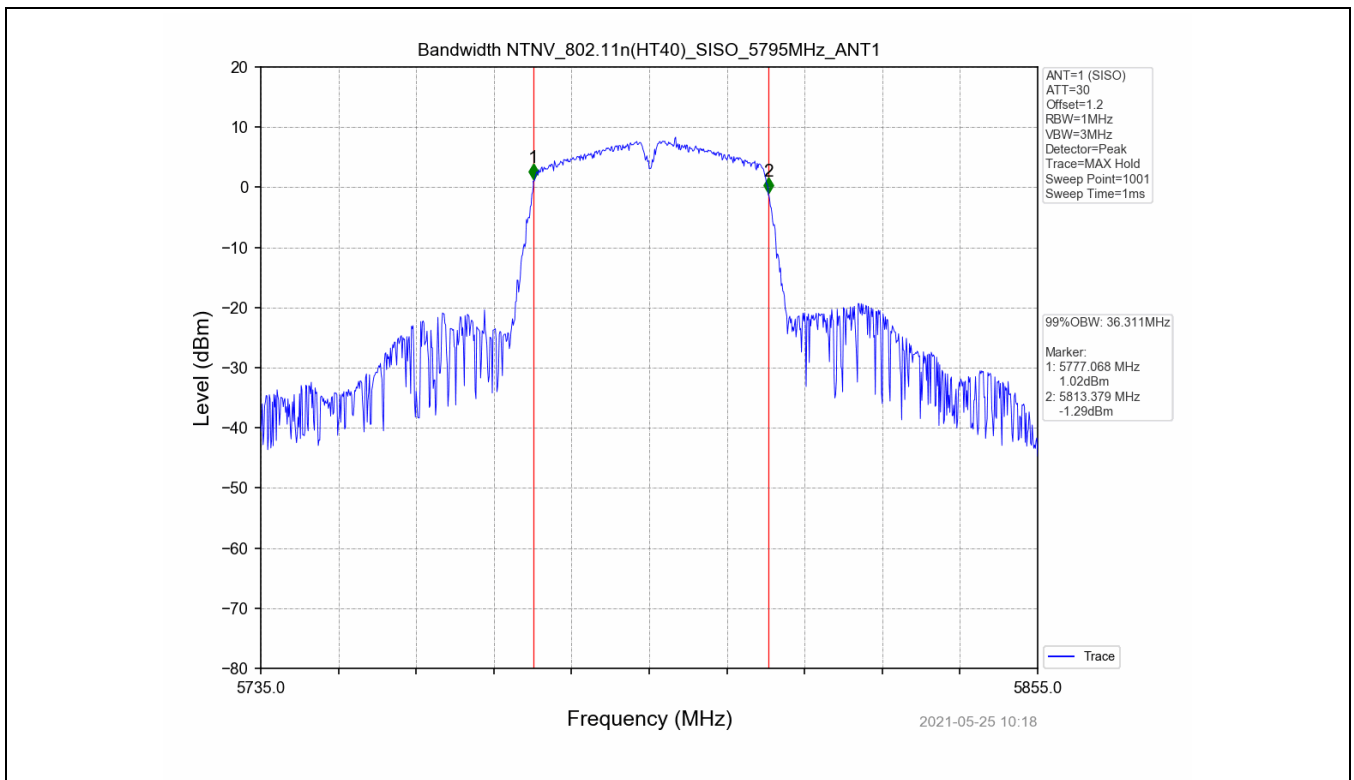
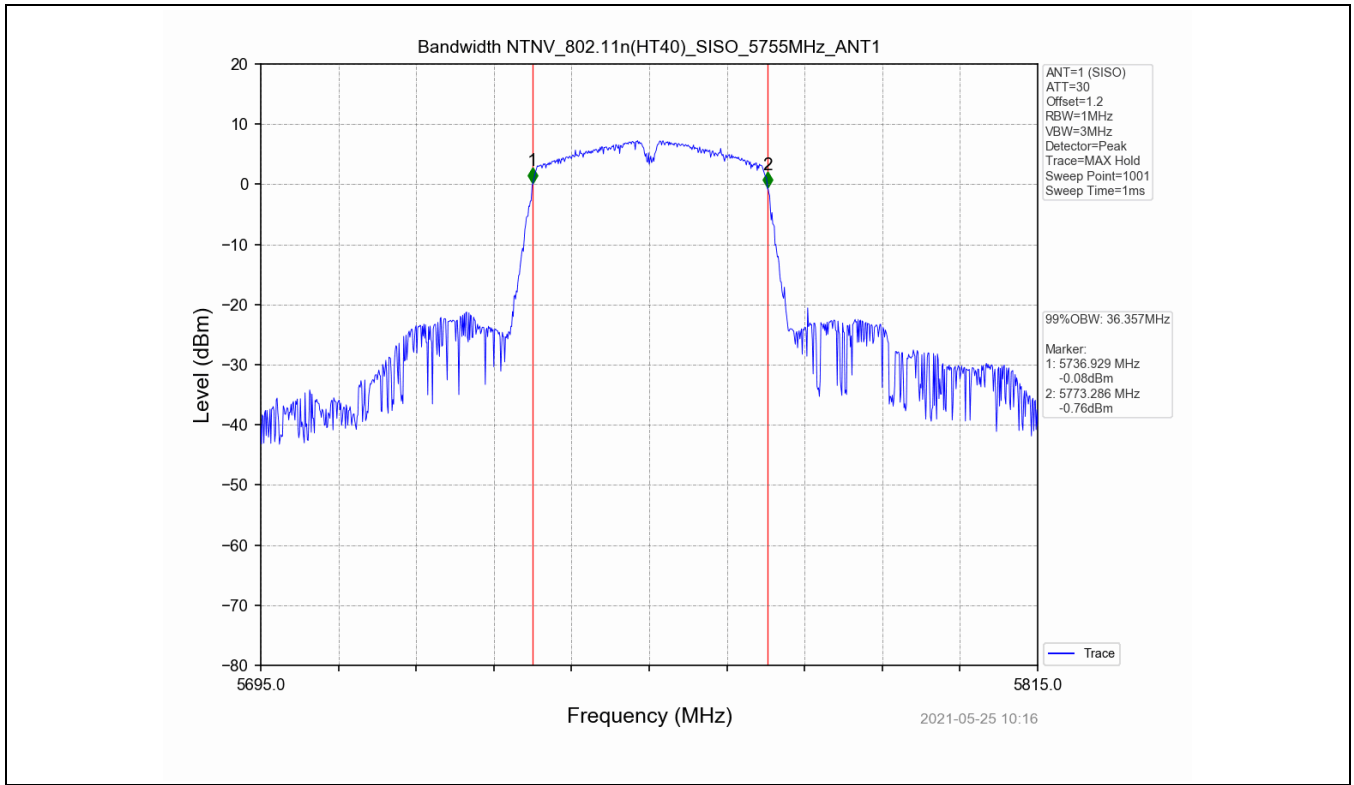


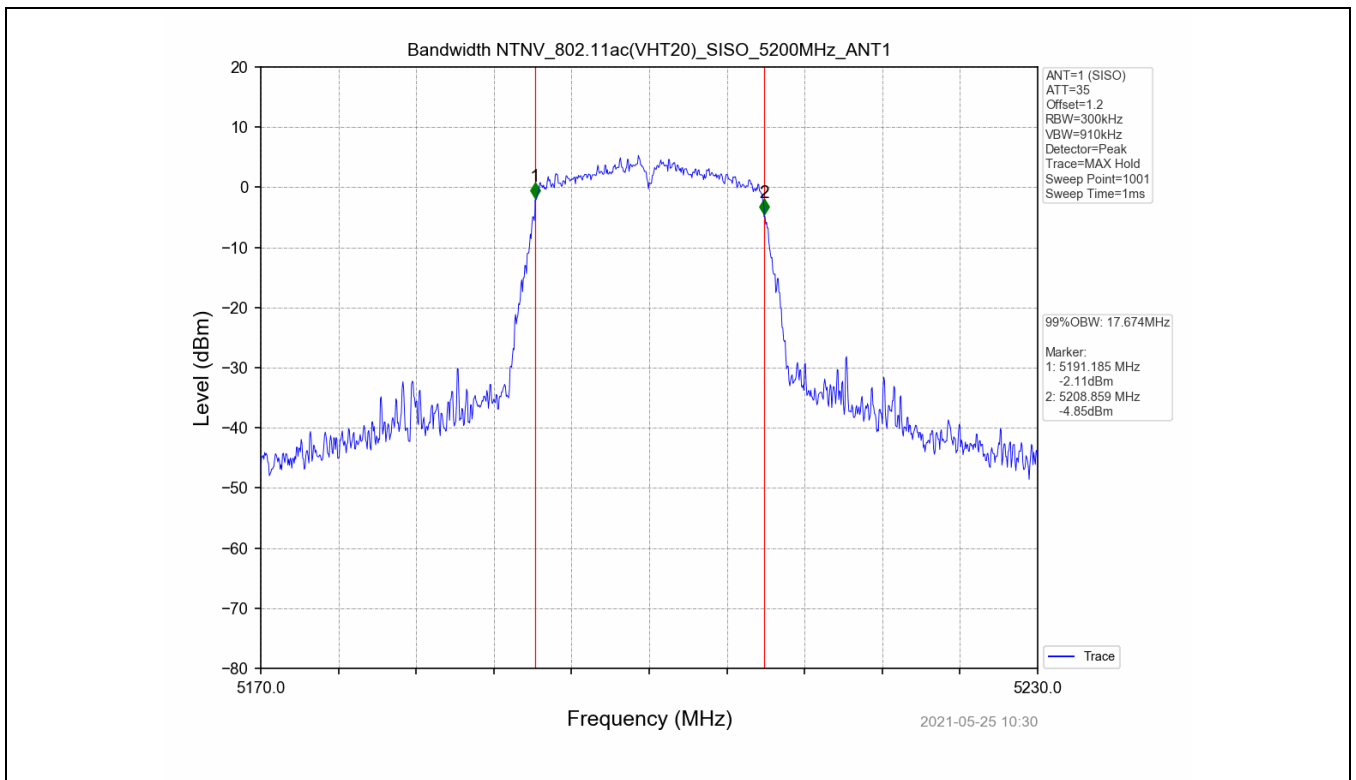
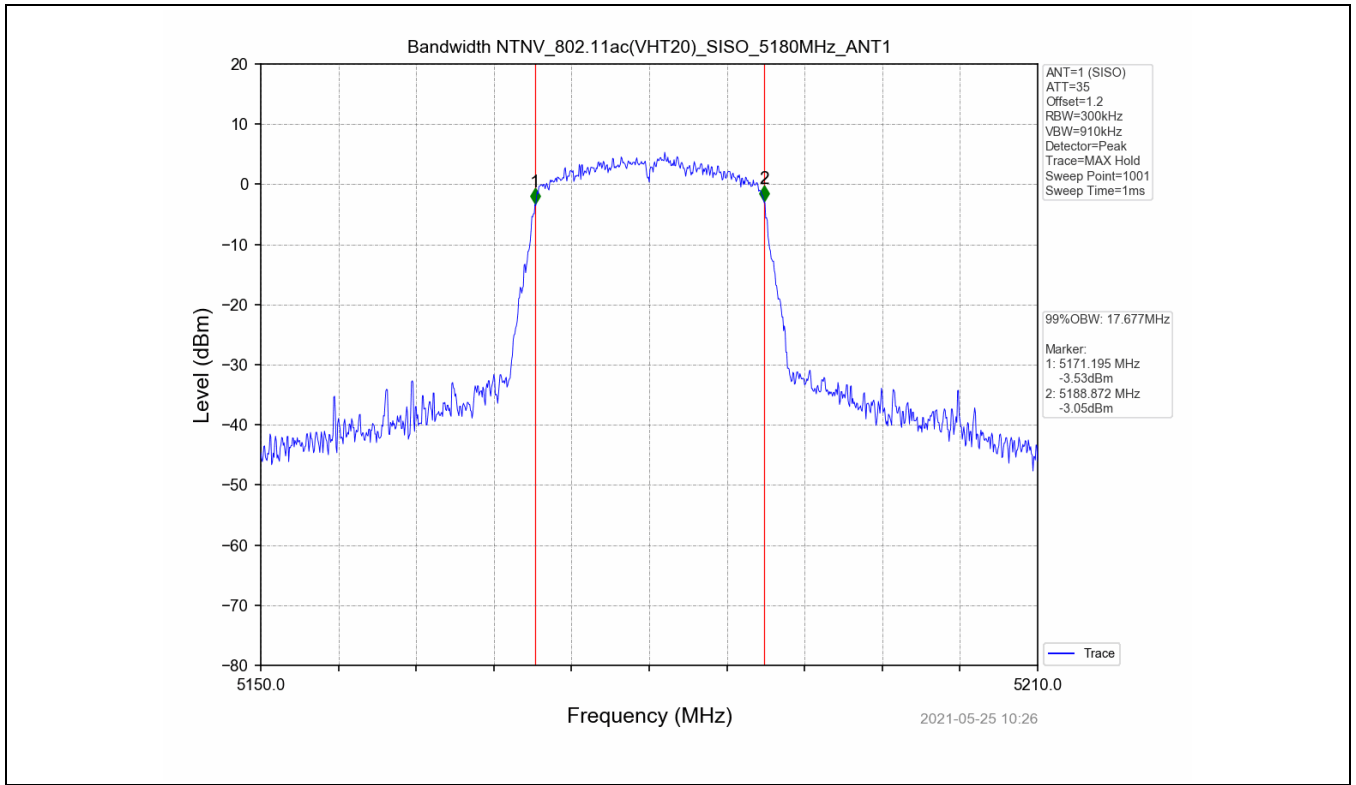
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

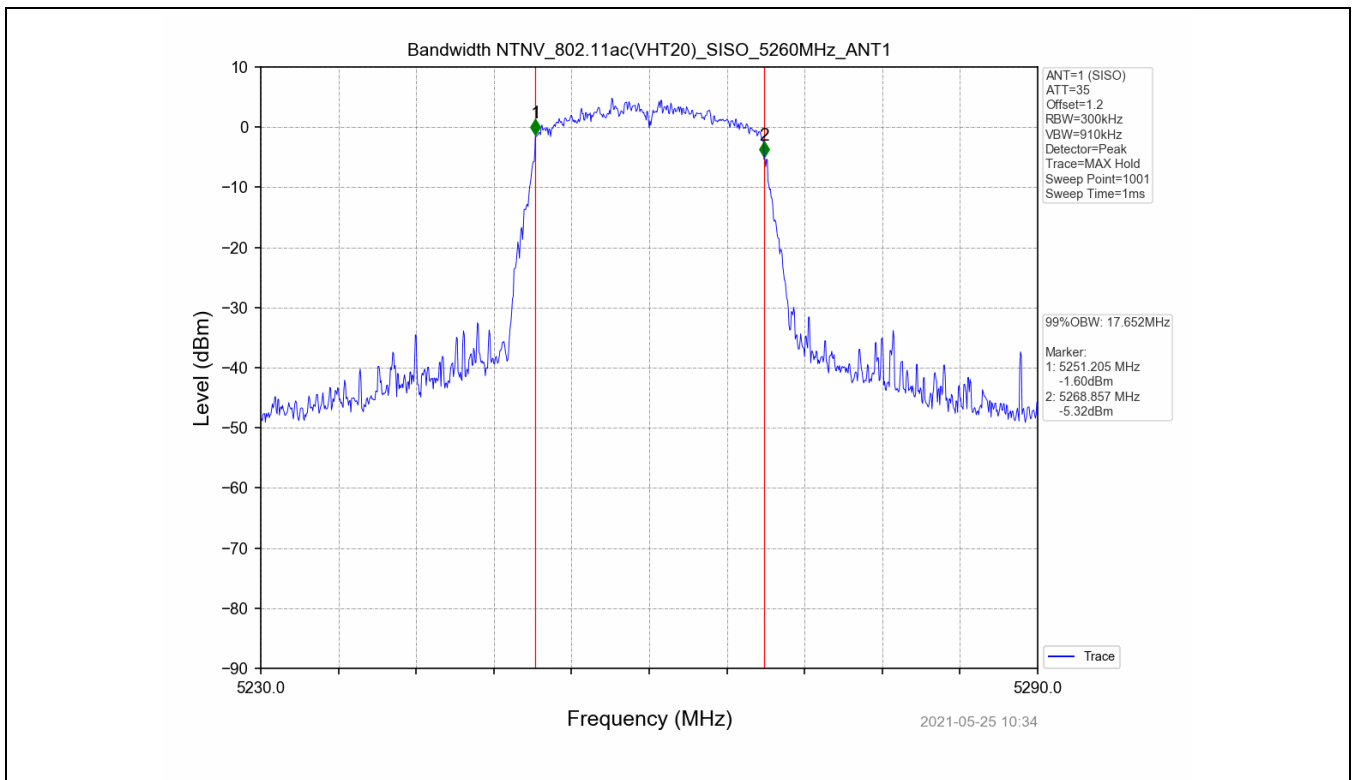
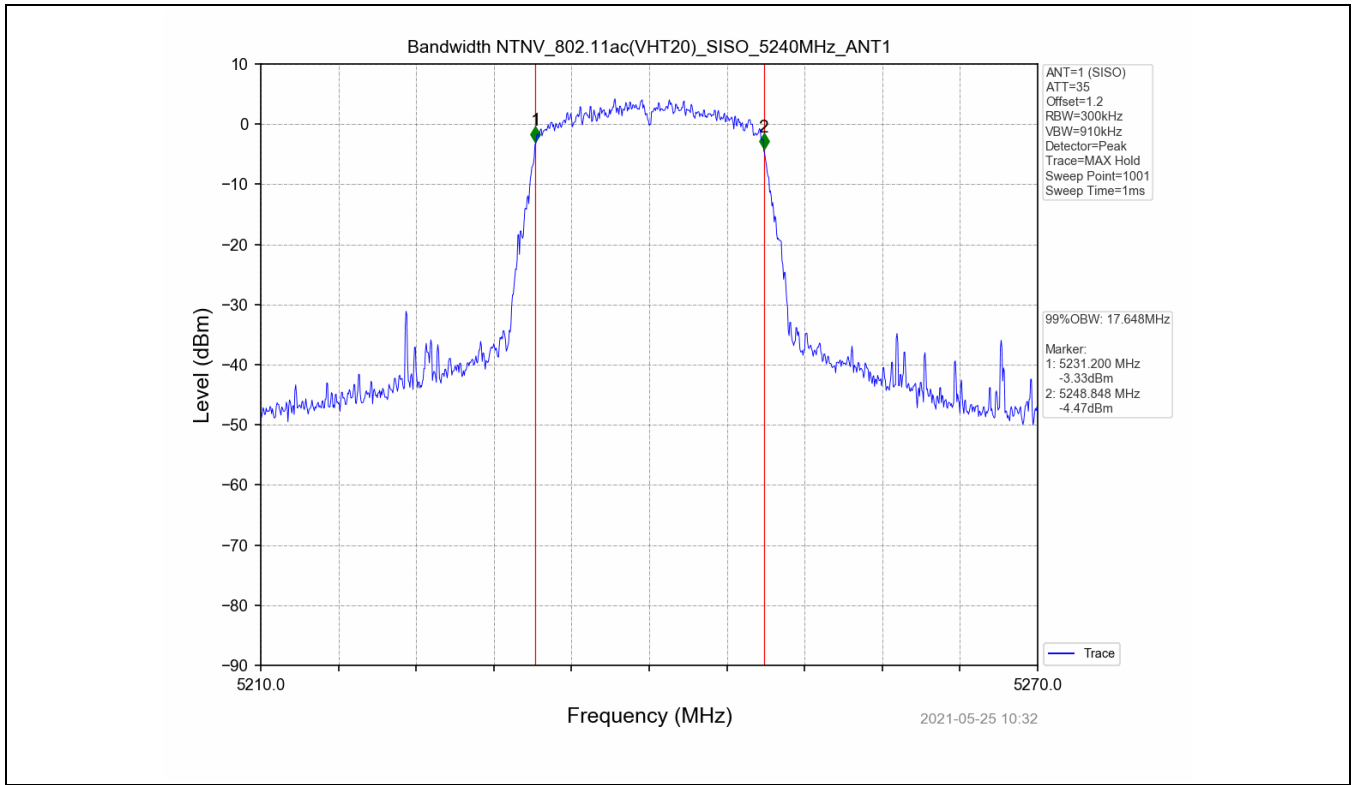
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

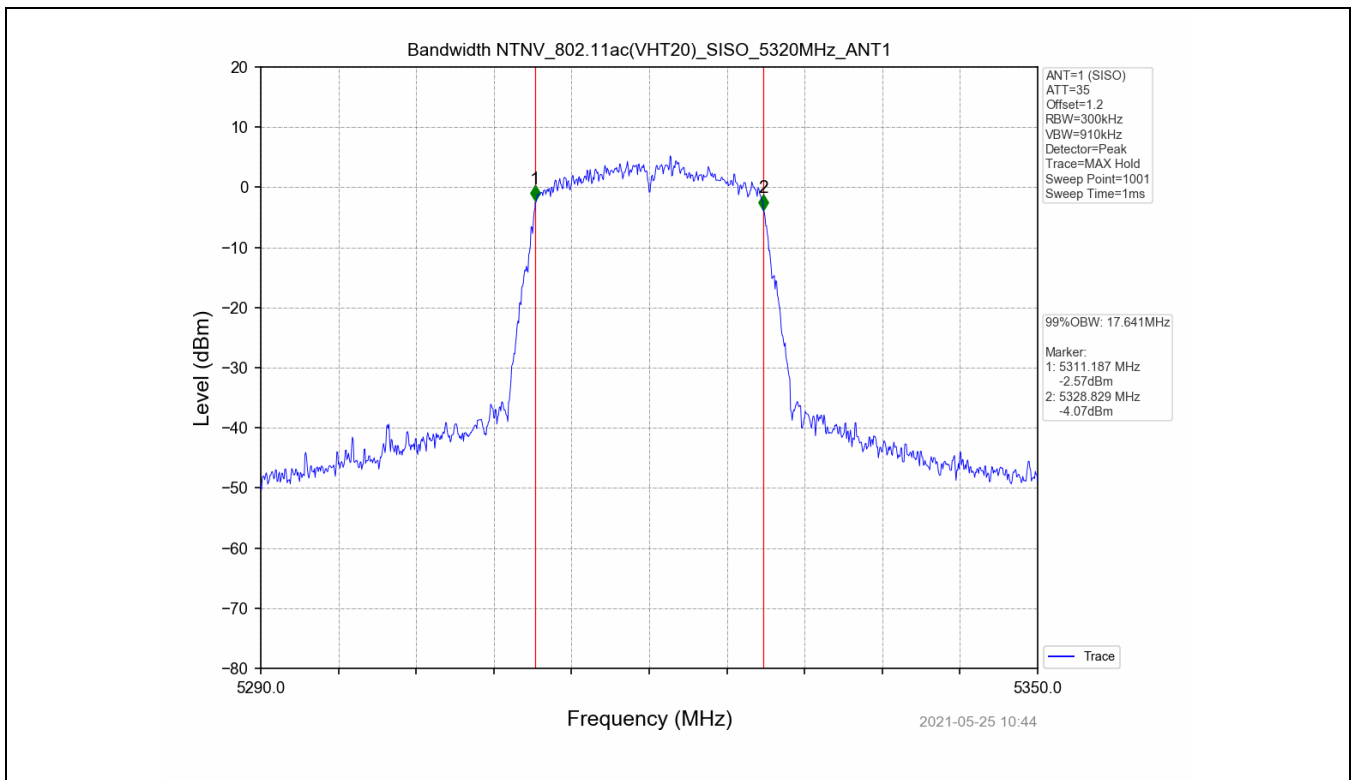
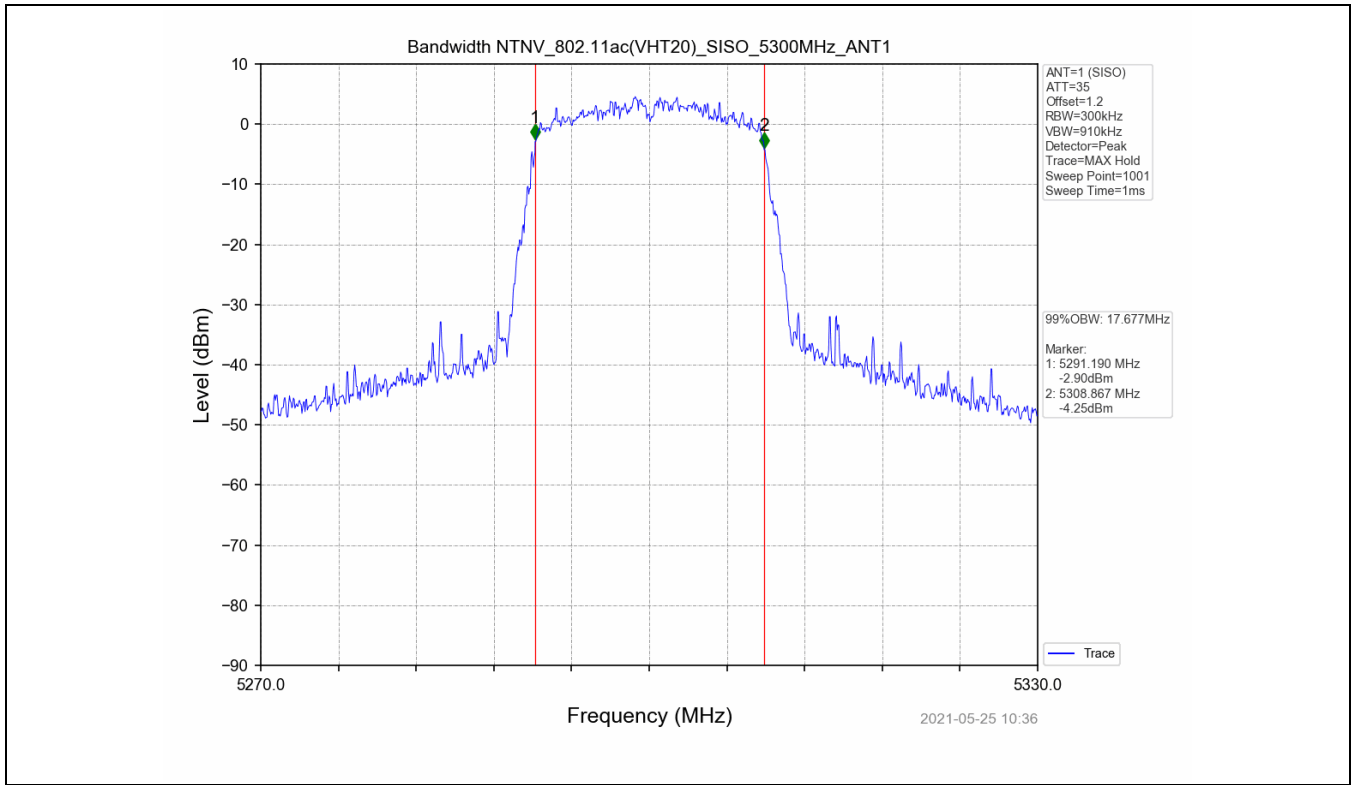
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

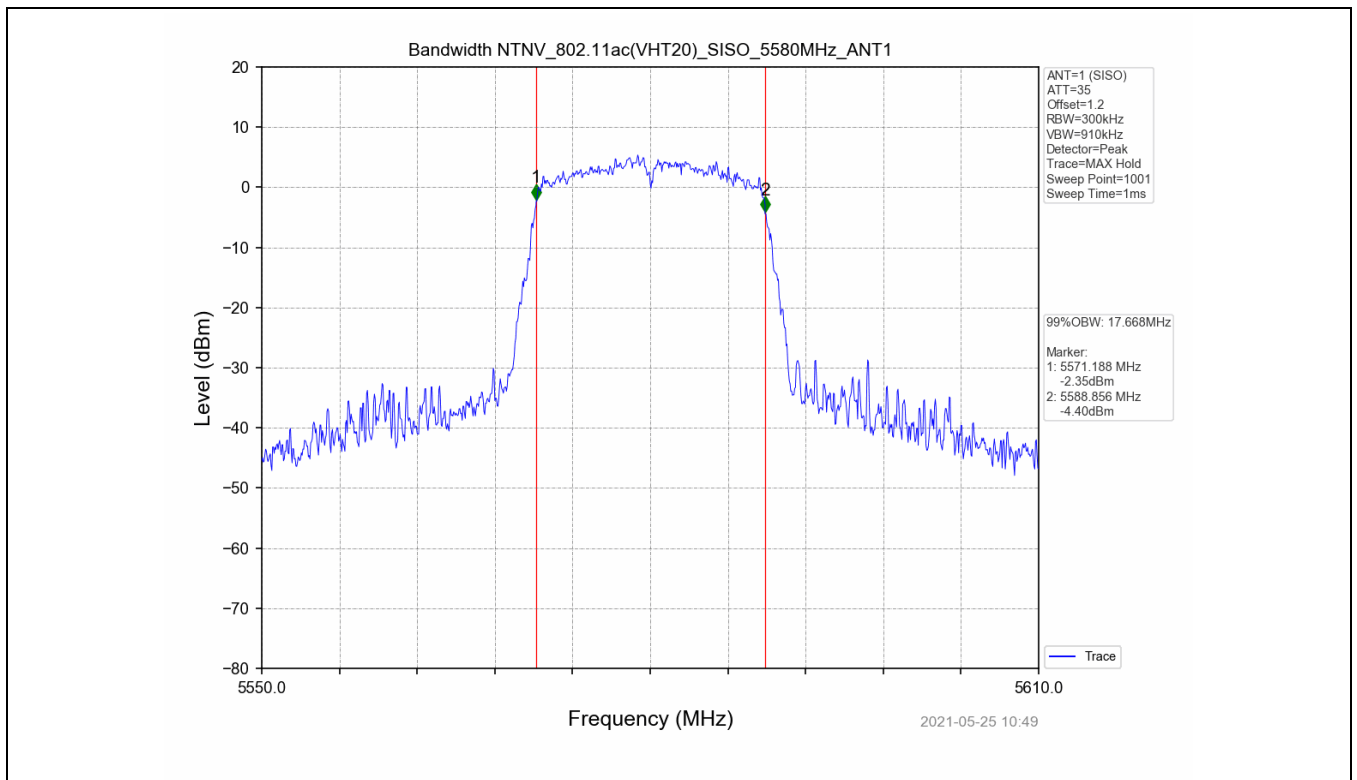
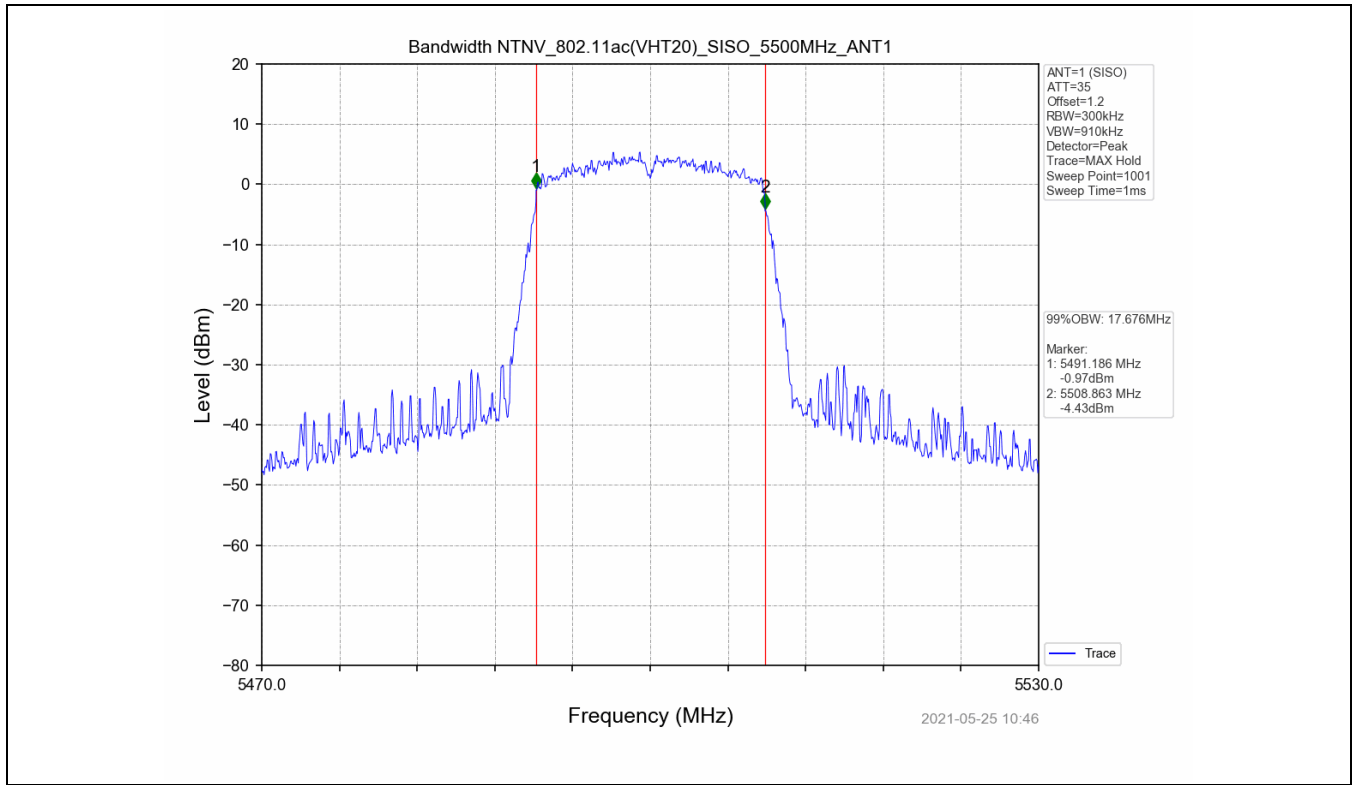
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710584 www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710584 sgs.china@sgs.com

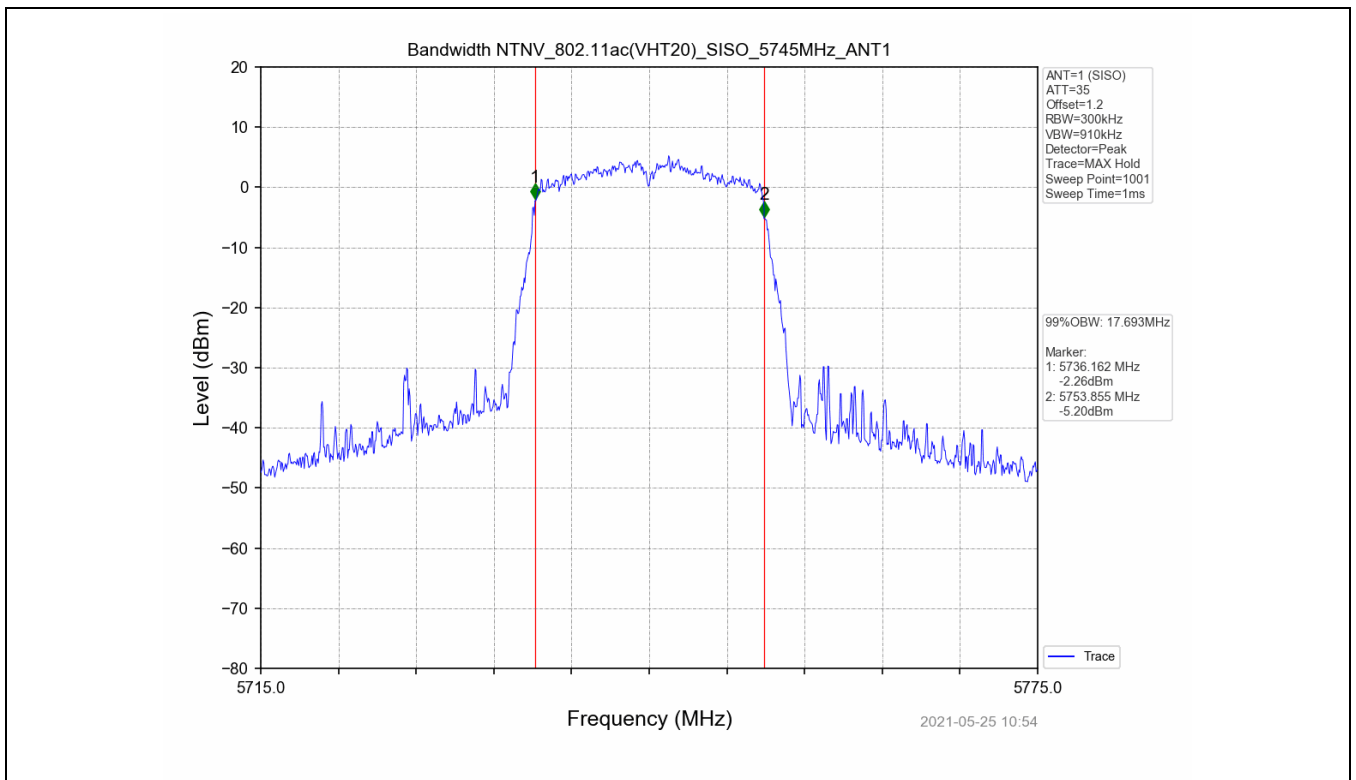
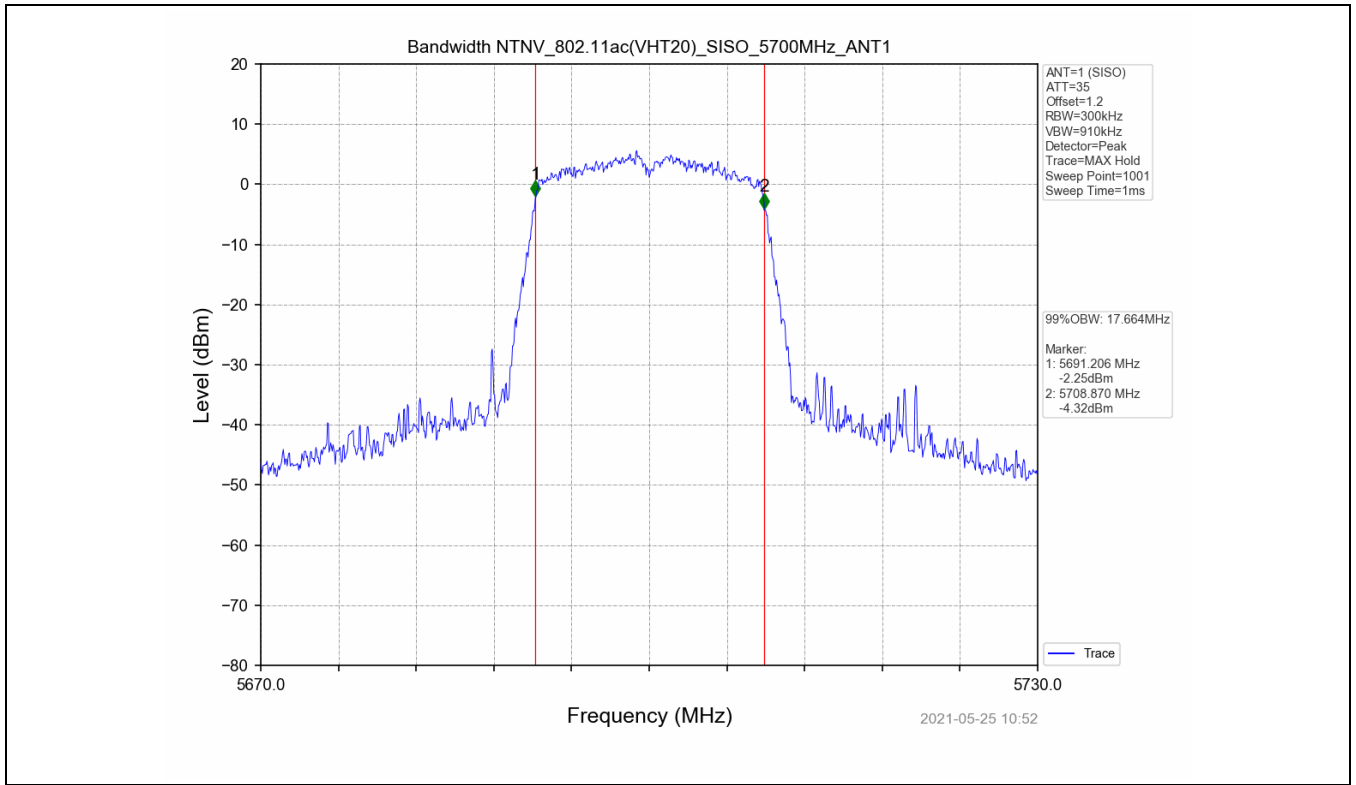








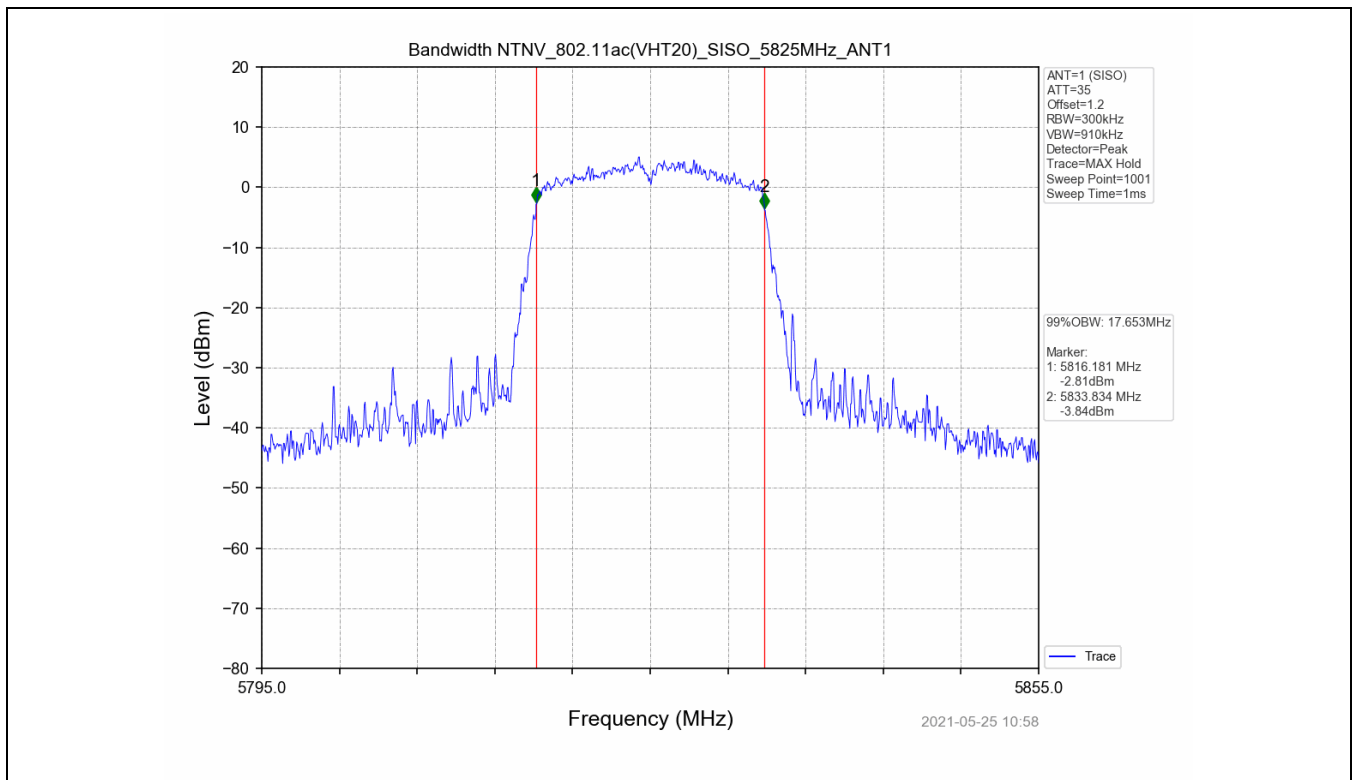
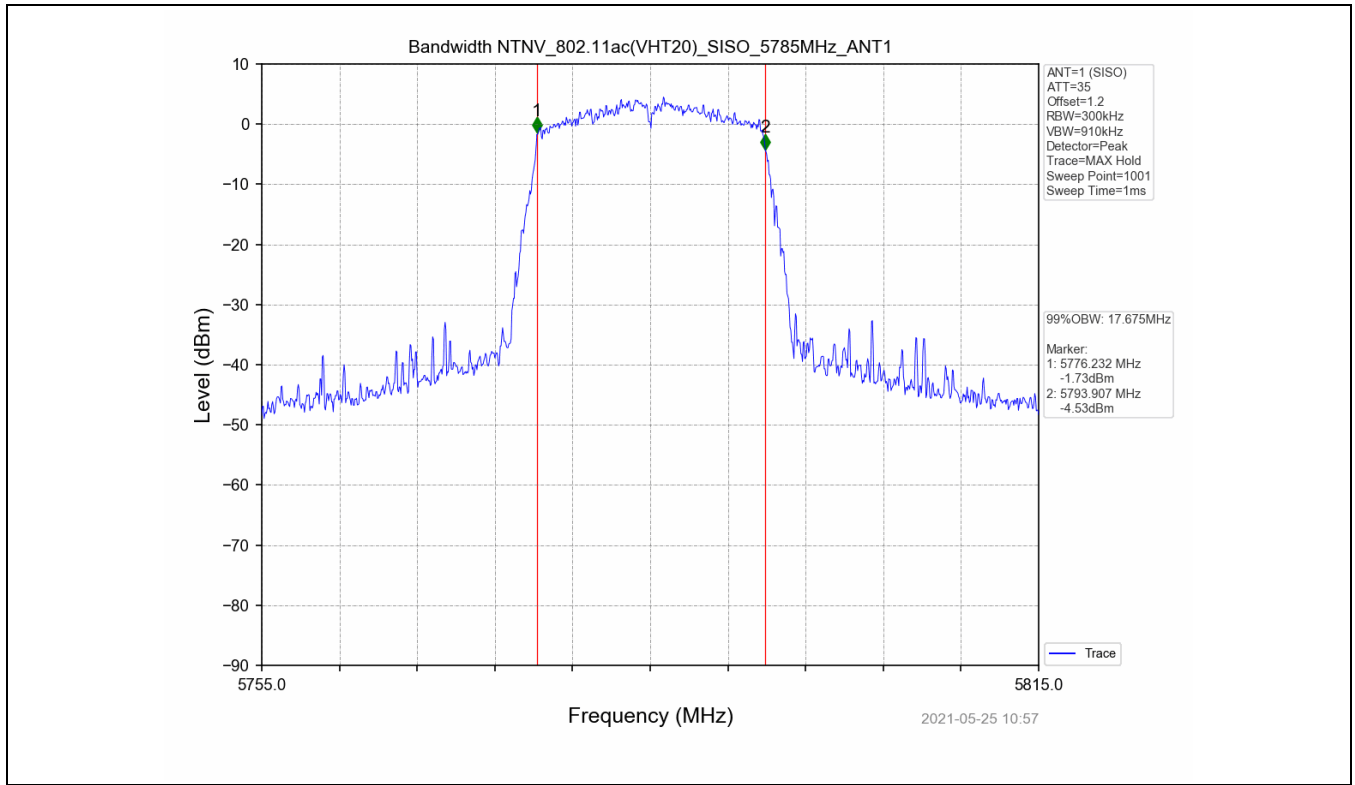


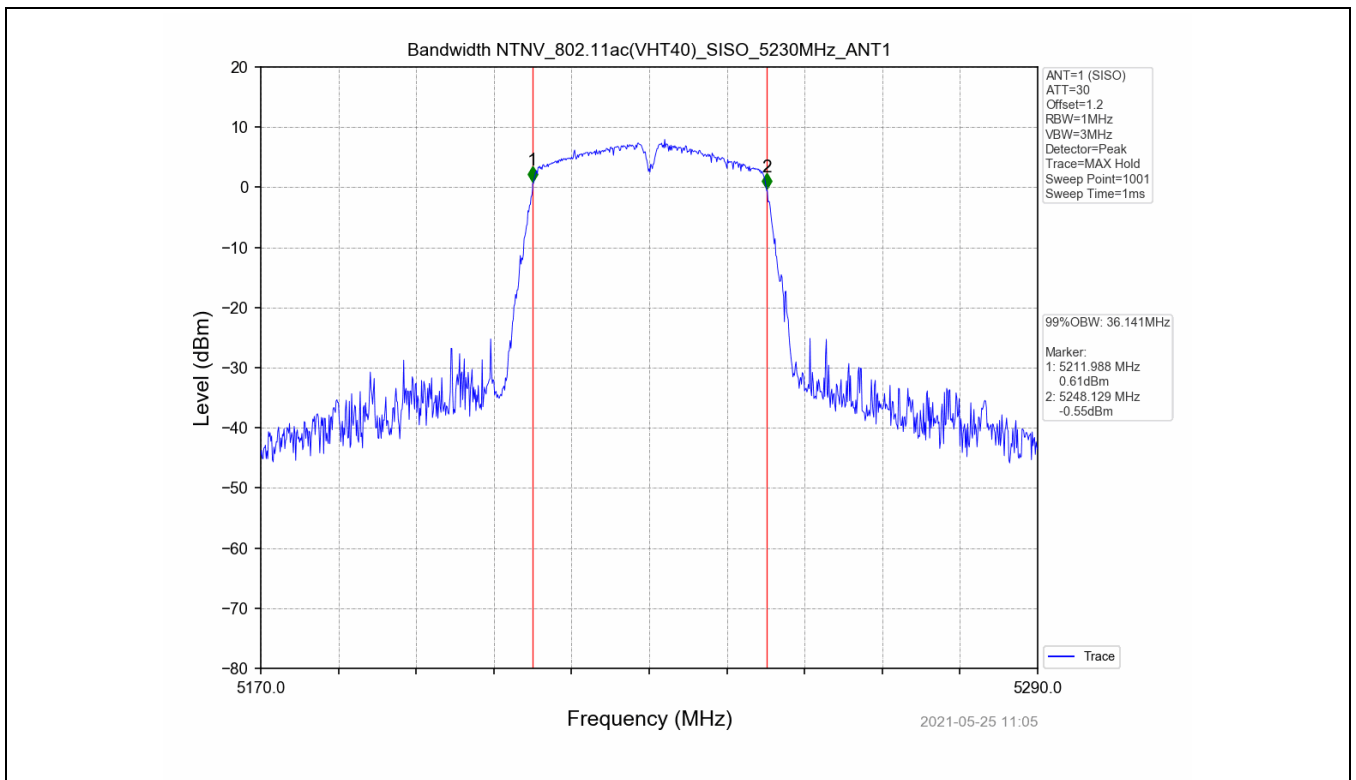
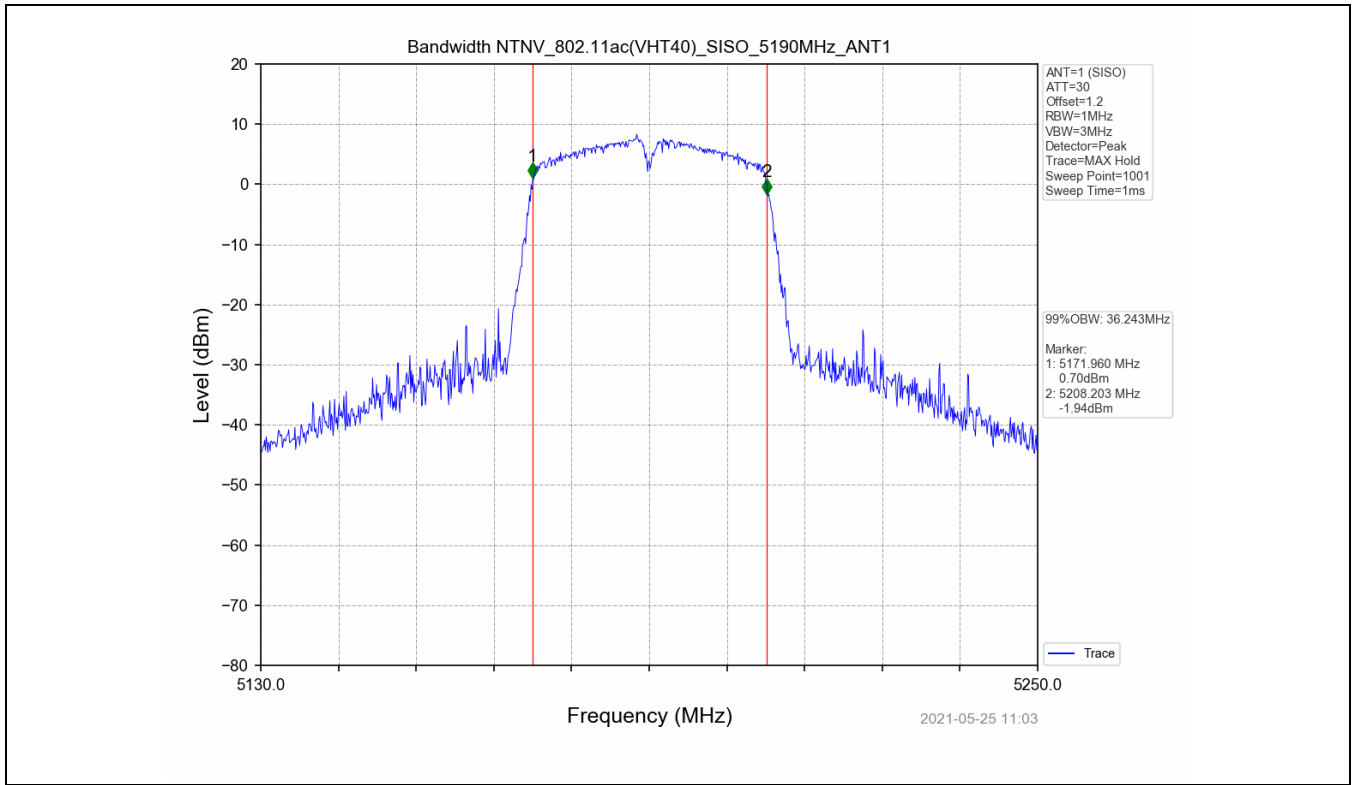


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710584 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710584 sgs.china@sgs.com

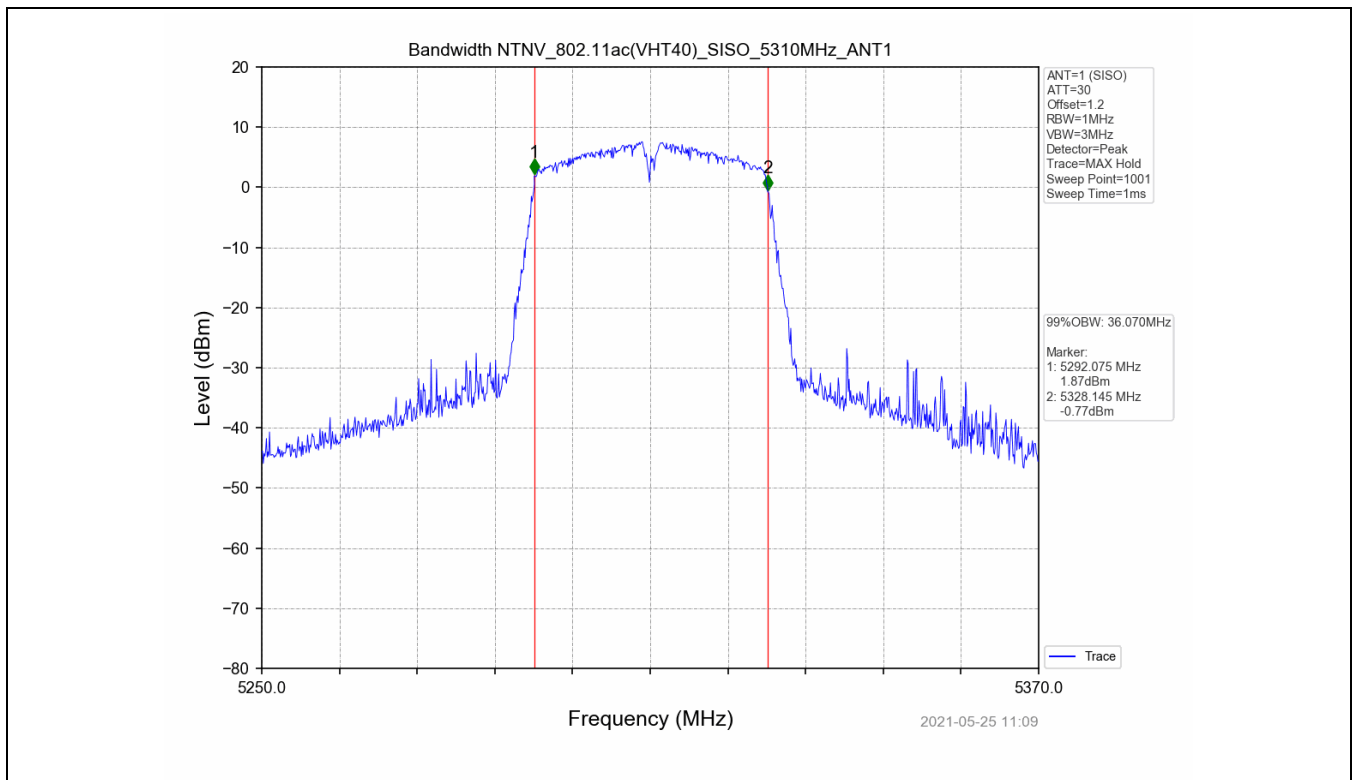
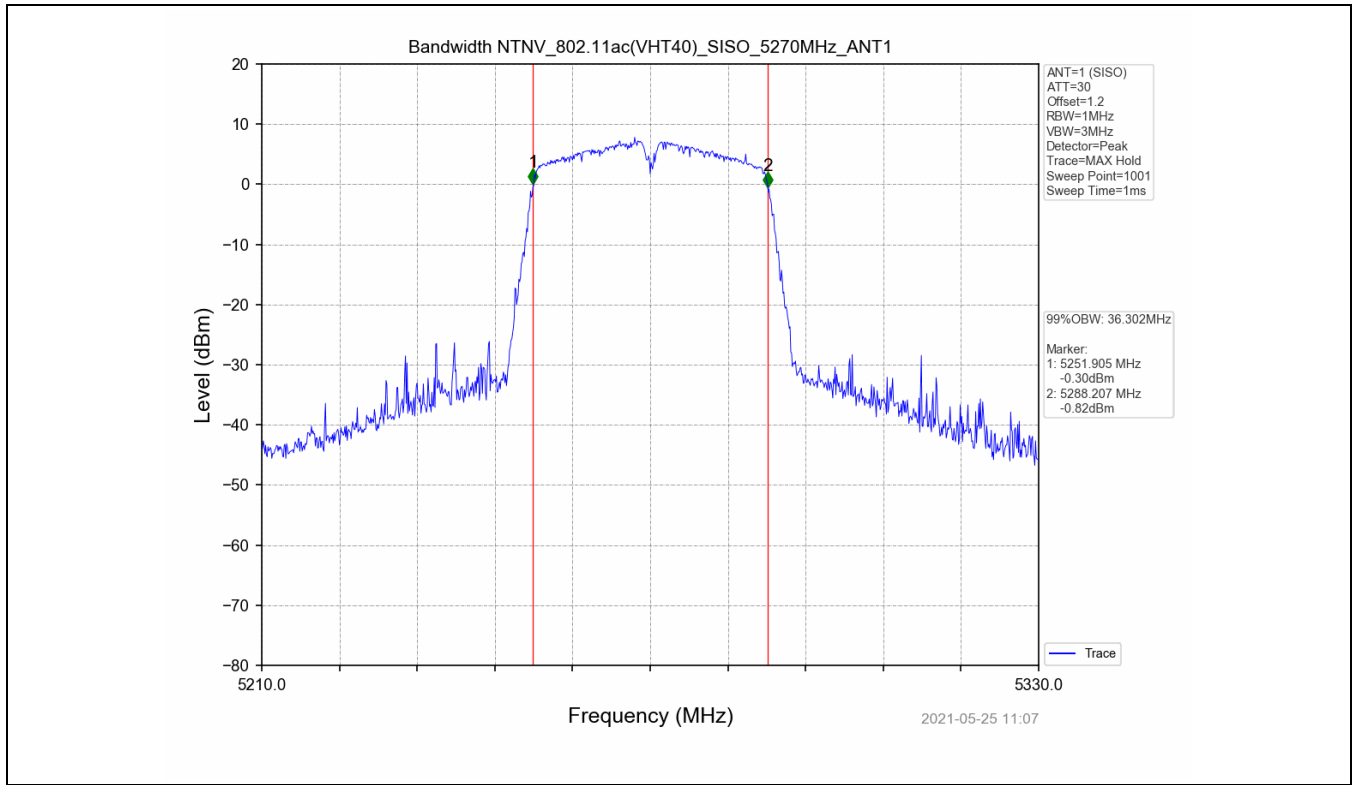


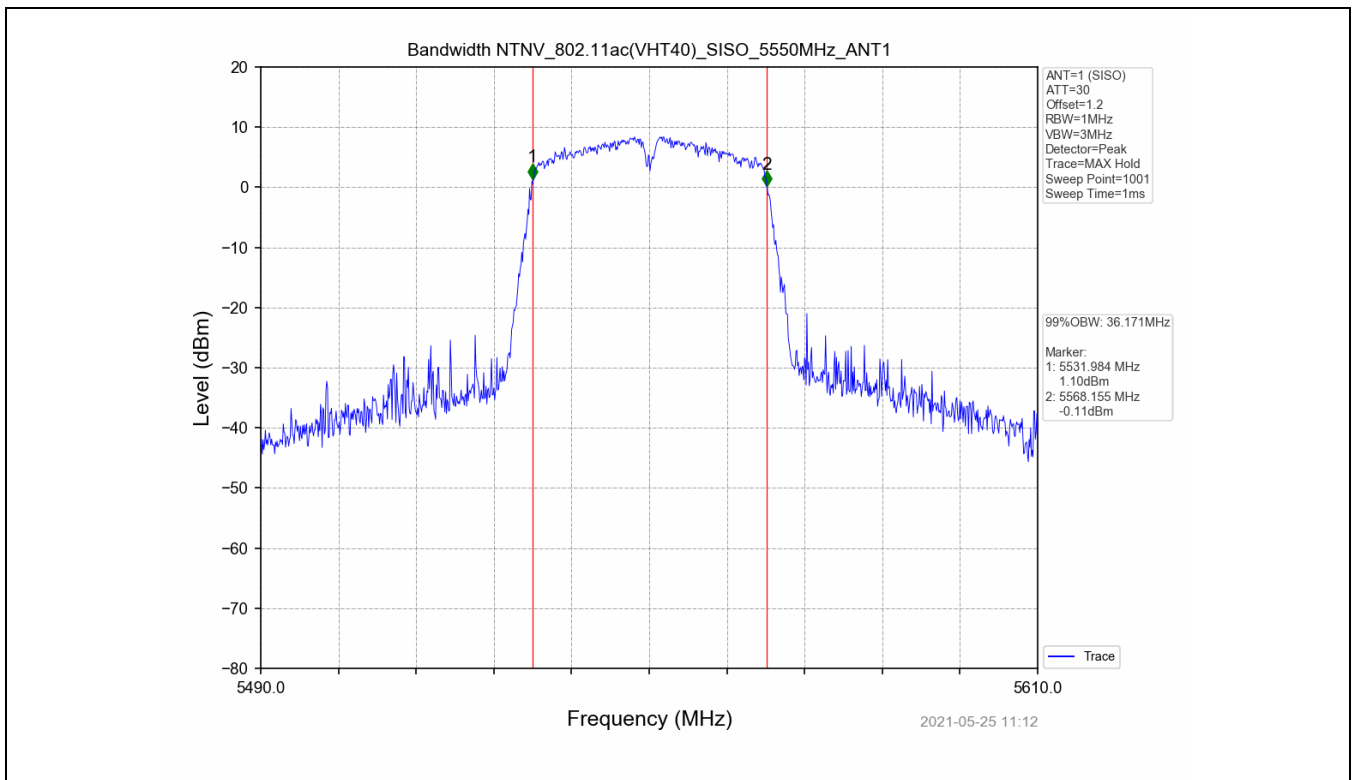
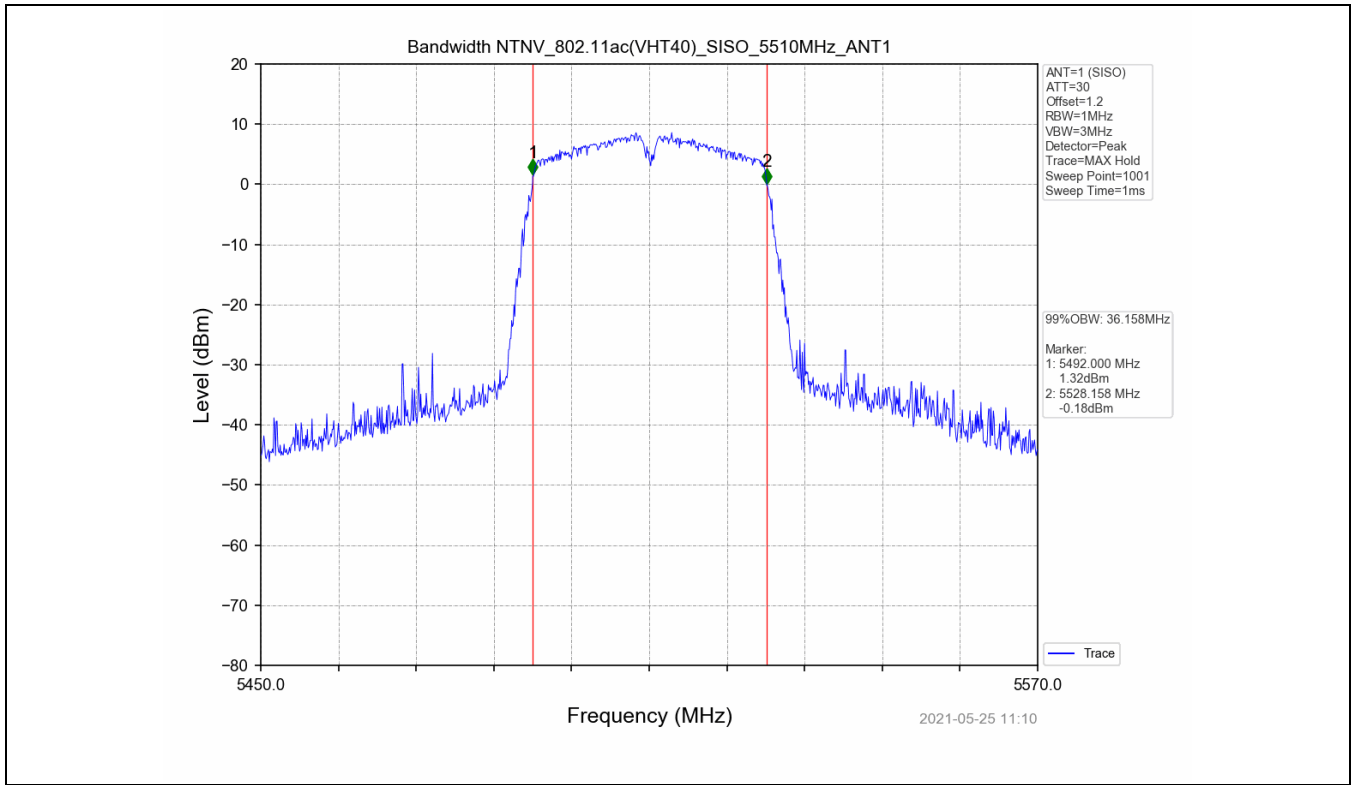


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710584 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710584 sgs.china@sgs.com

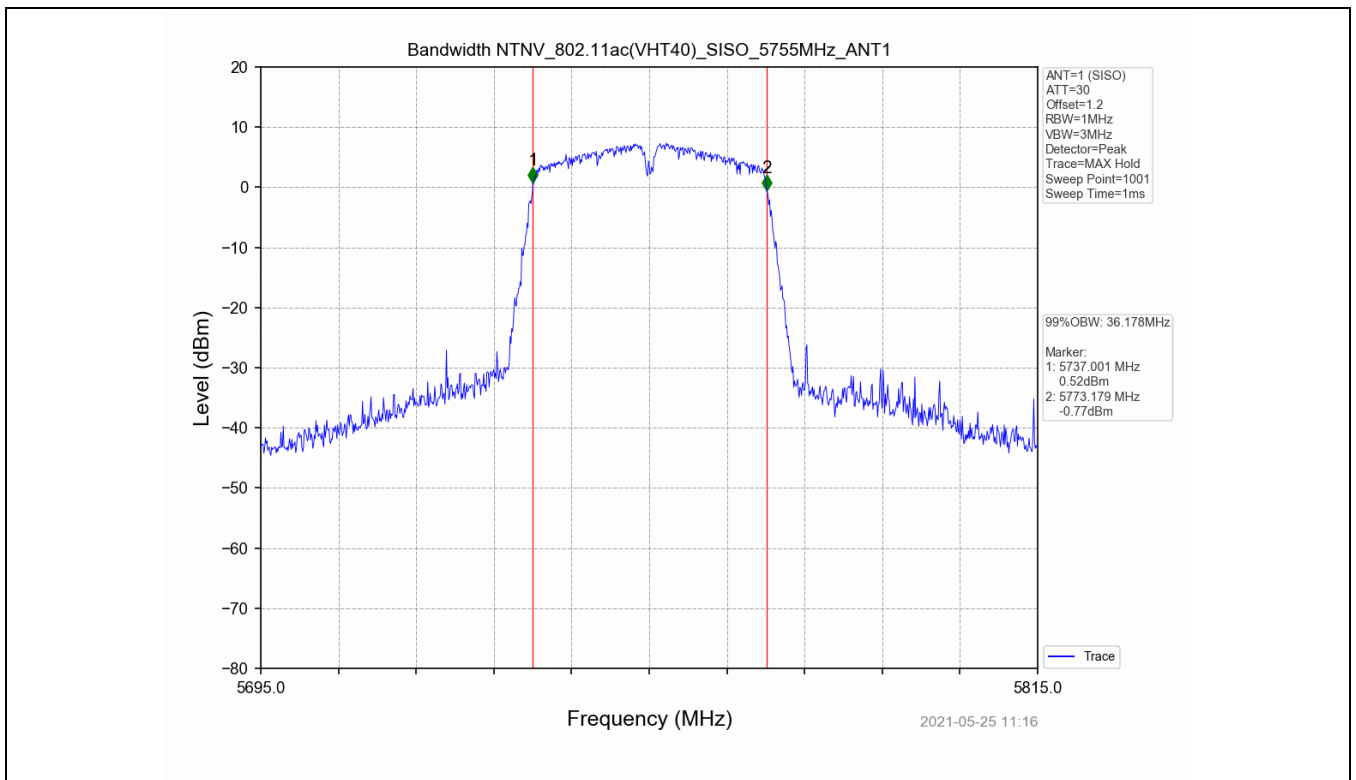
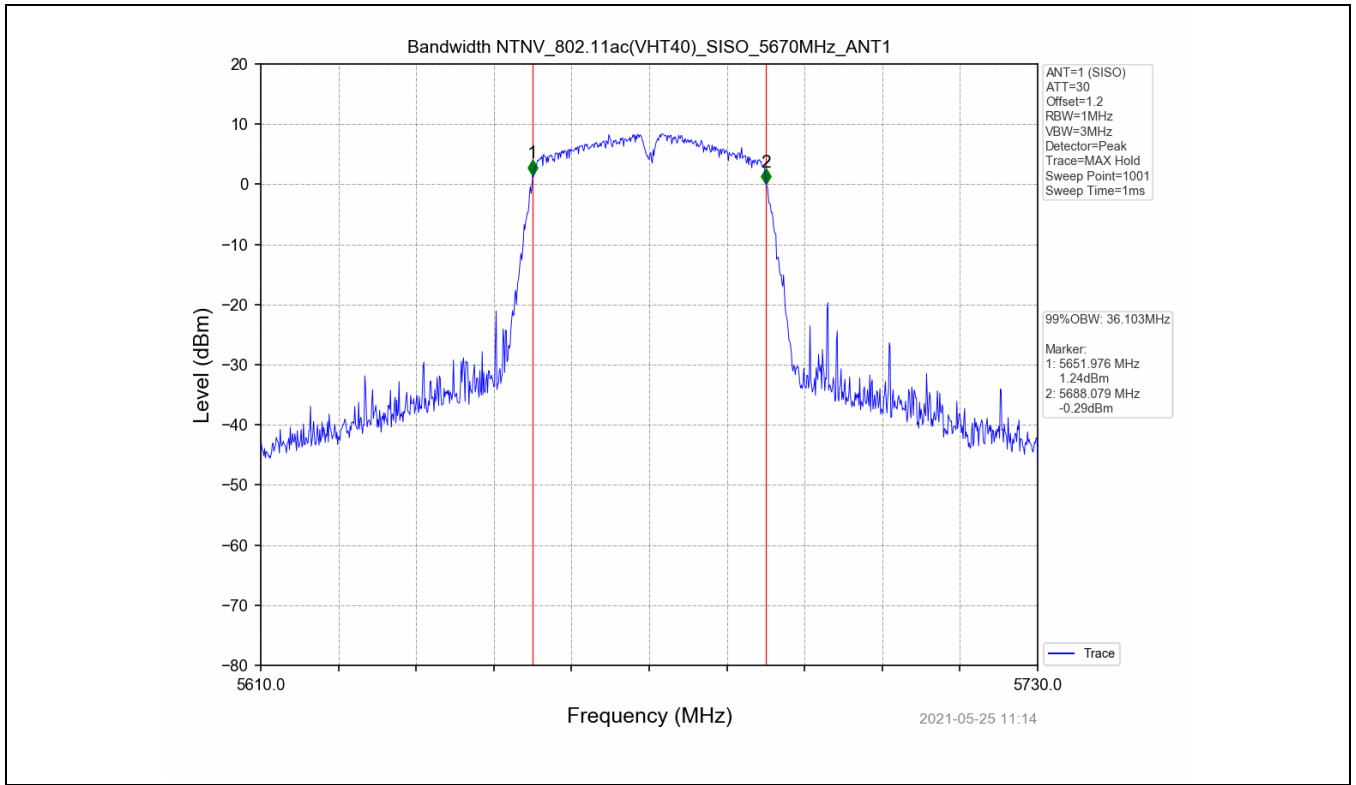


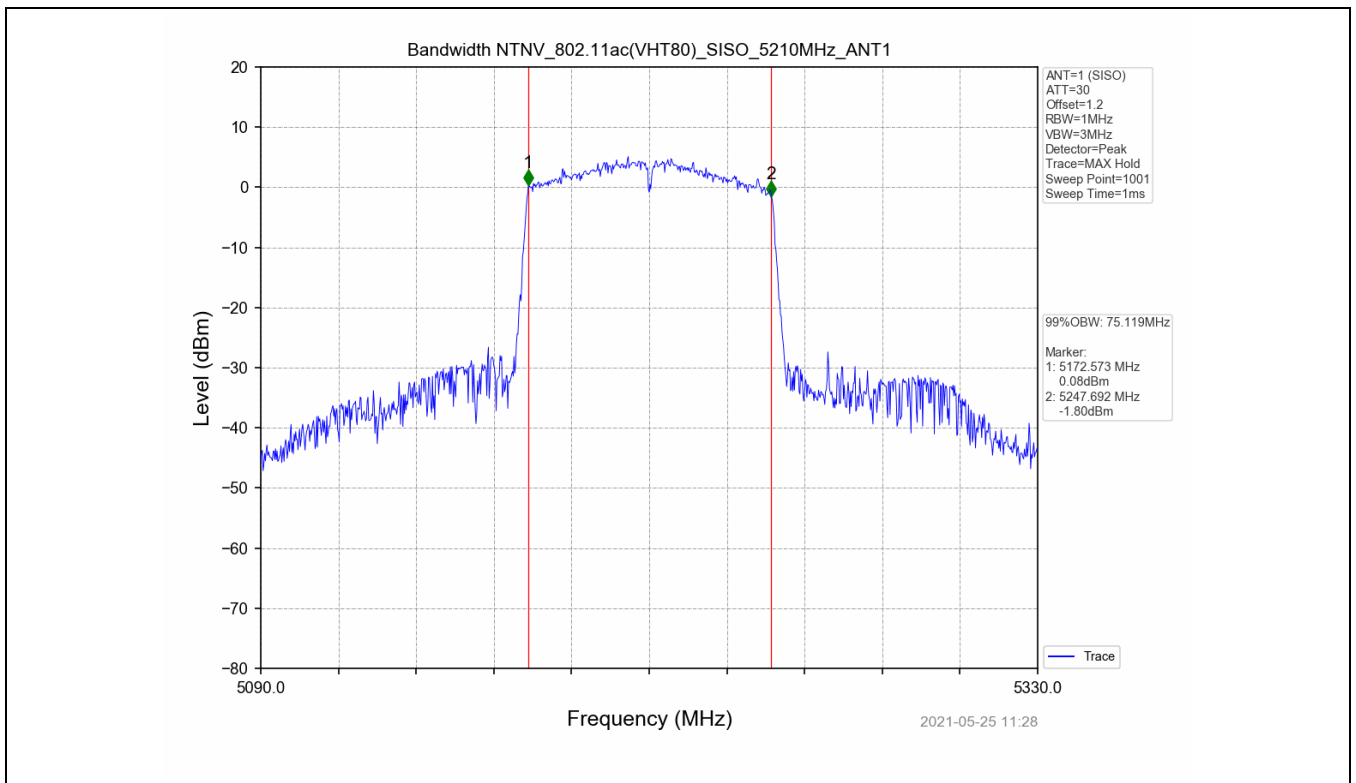
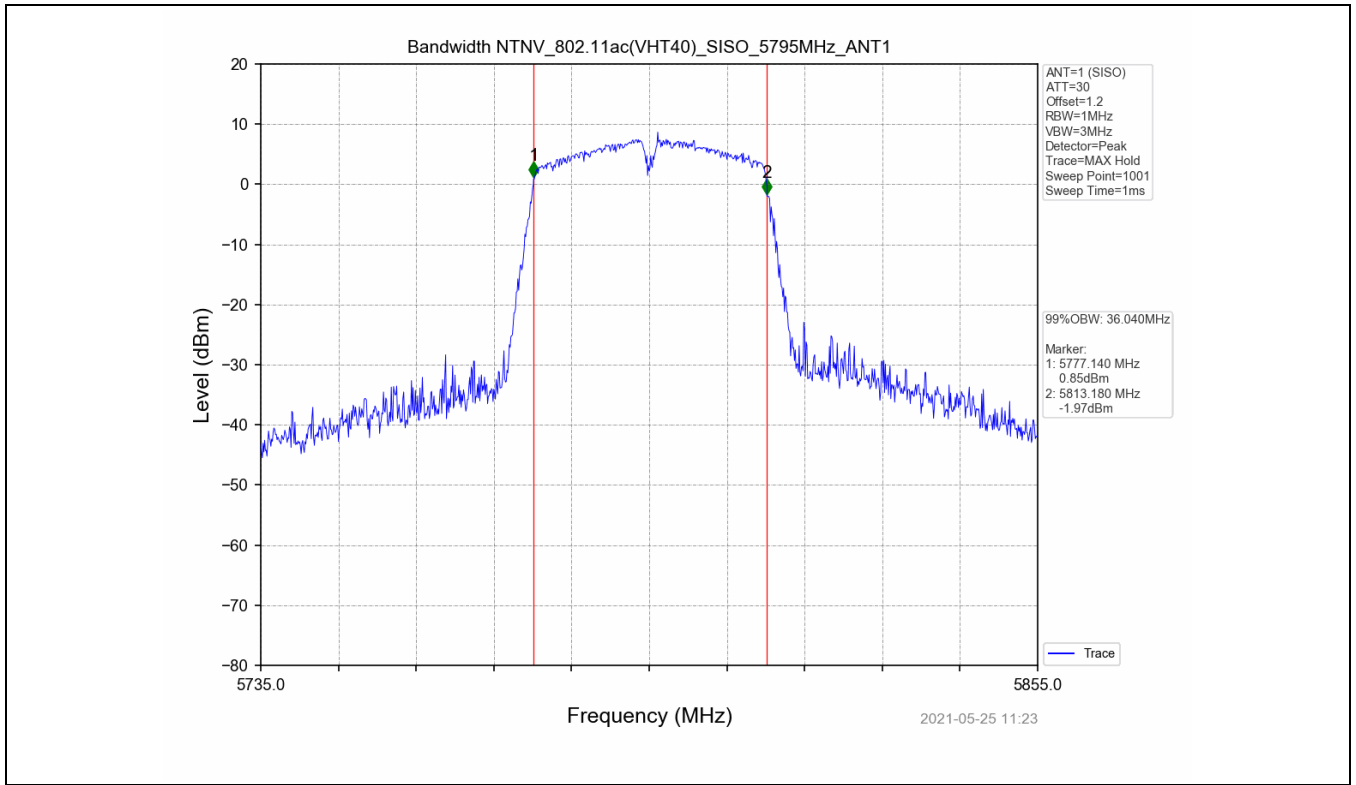


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710594 www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710594 sgs.china@sgs.com

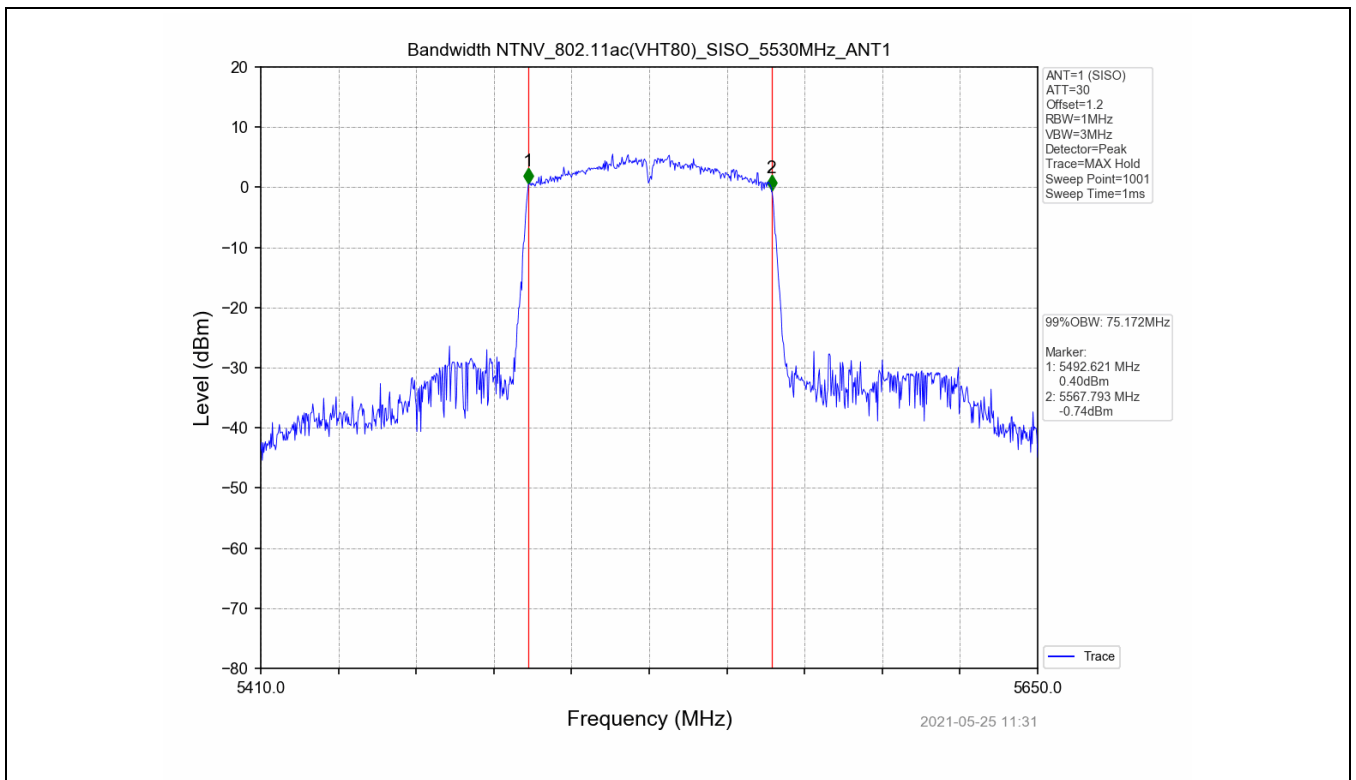
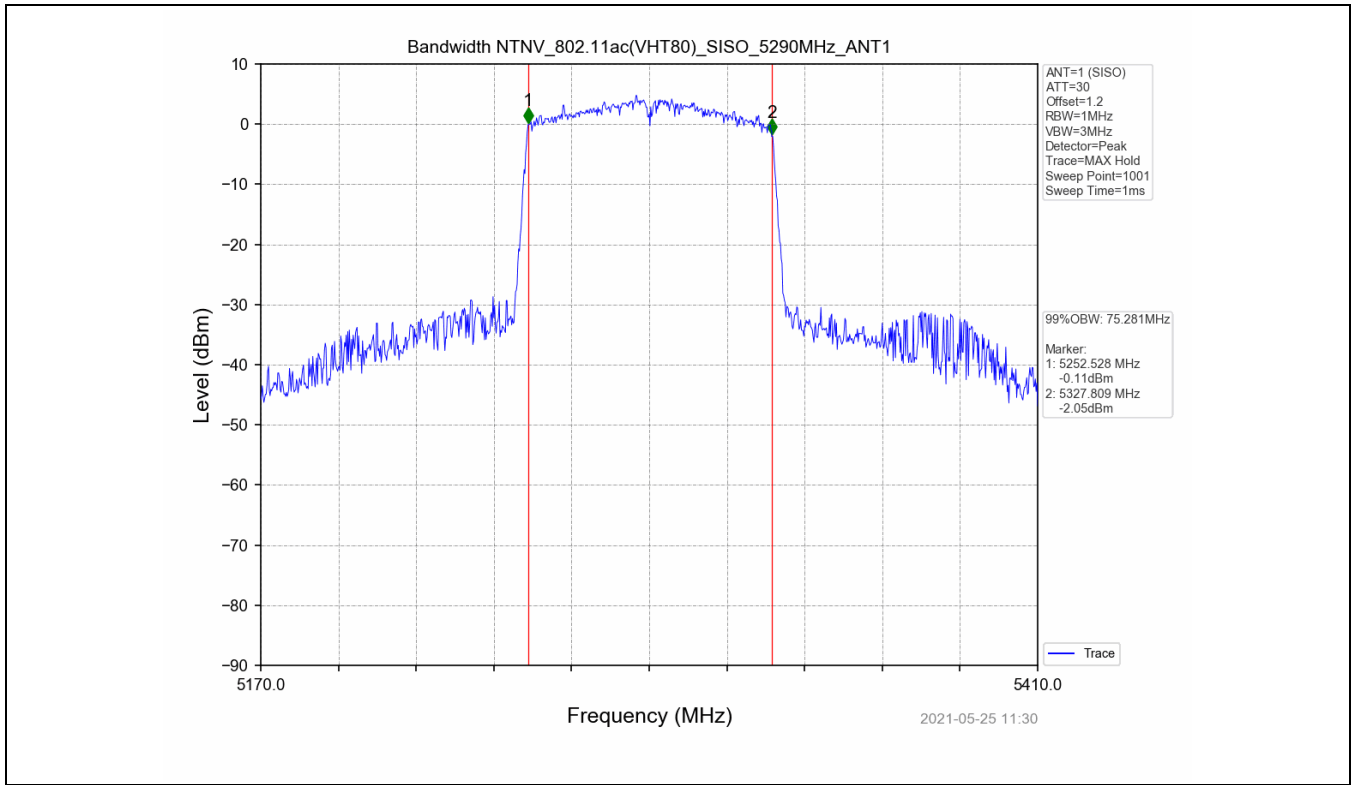




Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

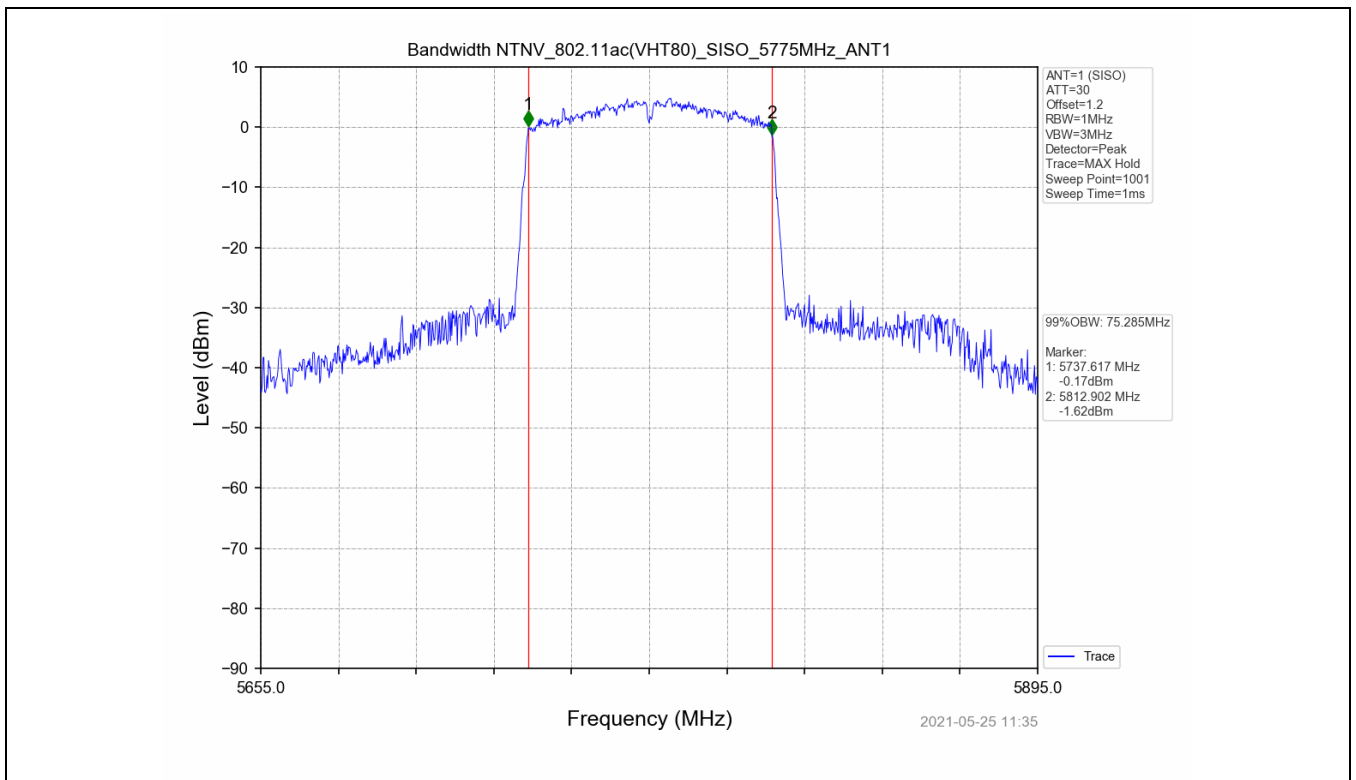
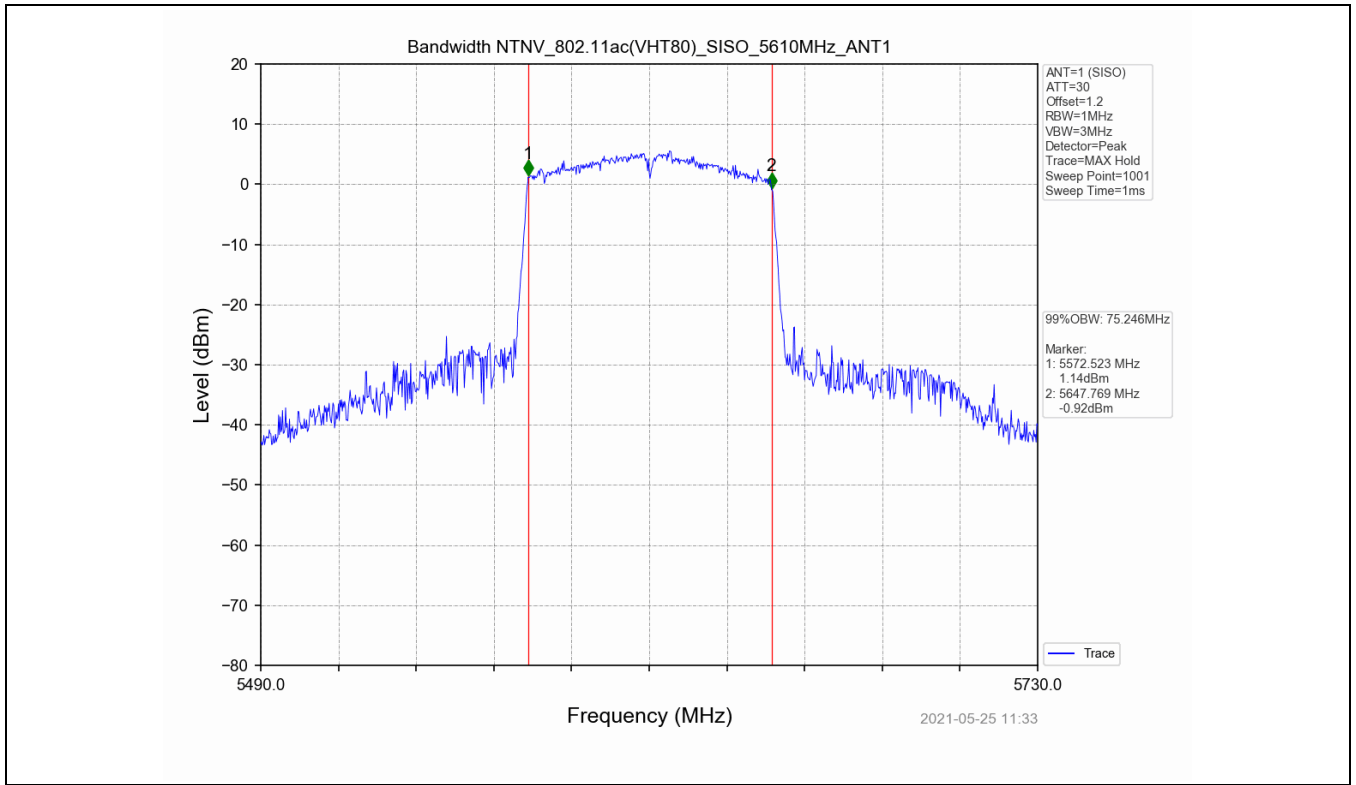
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710594 sgs.china@sgs.com



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710584 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710584 sgs.china@sgs.com



3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	14.50	≤23.98	PASS
	5200	SISO	13.91	≤23.98	PASS
	5240	SISO	13.62	≤23.98	PASS
	5260	SISO	13.64	≤23.98	PASS
	5300	SISO	13.60	≤23.98	PASS
	5320	SISO	13.89	≤23.98	PASS
	5500	SISO	14.34	≤23.98	PASS
	5580	SISO	14.52	≤23.98	PASS
	5700	SISO	14.76	≤23.97	PASS
	5745	SISO	14.12	≤30.00	PASS
	5785	SISO	13.86	≤30.00	PASS
	5825	SISO	13.70	≤30.00	PASS
802.11n(HT20)	5180	SISO	13.34	≤23.98	PASS
	5200	SISO	13.28	≤23.98	PASS
	5240	SISO	13.22	≤23.98	PASS
	5260	SISO	12.97	≤23.98	PASS
	5300	SISO	12.71	≤23.98	PASS
	5320	SISO	12.93	≤23.98	PASS
	5500	SISO	13.29	≤23.98	PASS
	5580	SISO	13.35	≤23.98	PASS
	5700	SISO	13.64	≤23.98	PASS
	5745	SISO	13.05	≤30.00	PASS
	5785	SISO	12.80	≤30.00	PASS
	5825	SISO	12.86	≤30.00	PASS
802.11n(HT40)	5190	SISO	12.67	≤23.98	PASS
	5230	SISO	12.53	≤23.98	PASS
	5270	SISO	12.35	≤23.98	PASS
	5310	SISO	12.73	≤23.98	PASS
	5510	SISO	11.39	≤23.98	PASS
	5550	SISO	11.35	≤23.98	PASS
	5670	SISO	11.69	≤23.98	PASS
	5755	SISO	12.46	≤30.00	PASS
	5795	SISO	12.60	≤30.00	PASS
802.11ac(VHT20)	5180	SISO	13.03	≤23.98	PASS

	5200	SISO	13.02	≤23.98	PASS
	5240	SISO	12.55	≤23.98	PASS
	5260	SISO	12.58	≤23.98	PASS
	5300	SISO	12.80	≤23.98	PASS
	5320	SISO	13.05	≤23.98	PASS
	5500	SISO	13.44	≤23.98	PASS
	5580	SISO	13.37	≤23.98	PASS
	5700	SISO	13.77	≤23.98	PASS
	5745	SISO	13.18	≤30.00	PASS
	5785	SISO	12.87	≤30.00	PASS
	5825	SISO	12.84	≤30.00	PASS
802.11ac(VHT40)	5190	SISO	12.93	≤23.98	PASS
	5230	SISO	12.58	≤23.98	PASS
	5270	SISO	12.50	≤23.98	PASS
	5310	SISO	12.82	≤23.98	PASS
	5510	SISO	11.44	≤23.98	PASS
	5550	SISO	11.60	≤23.98	PASS
	5670	SISO	11.80	≤23.98	PASS
	5755	SISO	12.55	≤30.00	PASS
	5795	SISO	12.77	≤30.00	PASS
802.11ac(VHT80)	5210	SISO	12.64	≤23.98	PASS
	5290	SISO	12.48	≤23.98	PASS
	5530	SISO	13.47	≤23.98	PASS
	5610	SISO	13.38	≤23.98	PASS
	5775	SISO	12.84	≤30.00	PASS

4. Maximum Power Spectral Density (PSD)

4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	4.41	≤11	PASS
	5200	SISO	3.96	≤11	PASS
	5240	SISO	3.63	≤11	PASS
	5260	SISO	3.71	≤11	PASS
	5300	SISO	3.65	≤11	PASS
	5320	SISO	4.09	≤11	PASS
	5500	SISO	4.34	≤11	PASS
	5580	SISO	4.61	≤11	PASS
	5700	SISO	4.89	≤11	PASS
802.11n(HT20)	5180	SISO	3.02	≤11	PASS
	5200	SISO	3.10	≤11	PASS
	5240	SISO	3.03	≤11	PASS
	5260	SISO	2.97	≤11	PASS
	5300	SISO	2.65	≤11	PASS
	5320	SISO	2.74	≤11	PASS
	5500	SISO	3.16	≤11	PASS
	5580	SISO	3.07	≤11	PASS
	5700	SISO	3.62	≤11	PASS
802.11n(HT40)	5190	SISO	-0.11	≤11	PASS
	5230	SISO	-0.56	≤11	PASS
	5270	SISO	-0.59	≤11	PASS
	5310	SISO	-0.21	≤11	PASS
	5510	SISO	0.40	≤11	PASS
	5550	SISO	0.62	≤11	PASS
	5670	SISO	1.02	≤11	PASS
802.11ac(VHT20)	5180	SISO	2.84	≤11	PASS
	5200	SISO	3.07	≤11	PASS
	5240	SISO	2.46	≤11	PASS
	5260	SISO	2.40	≤11	PASS
	5300	SISO	2.81	≤11	PASS
	5320	SISO	3.05	≤11	PASS
	5500	SISO	3.17	≤11	PASS
	5580	SISO	3.33	≤11	PASS



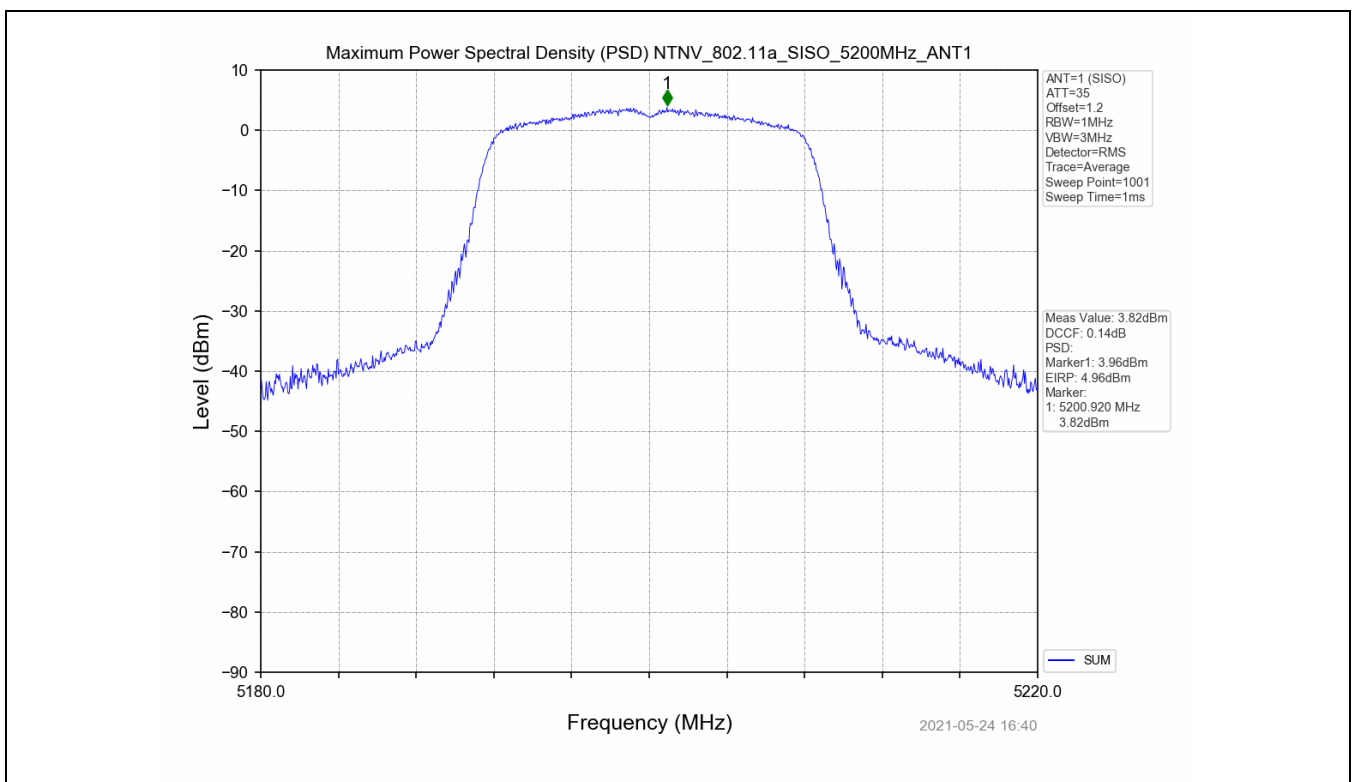
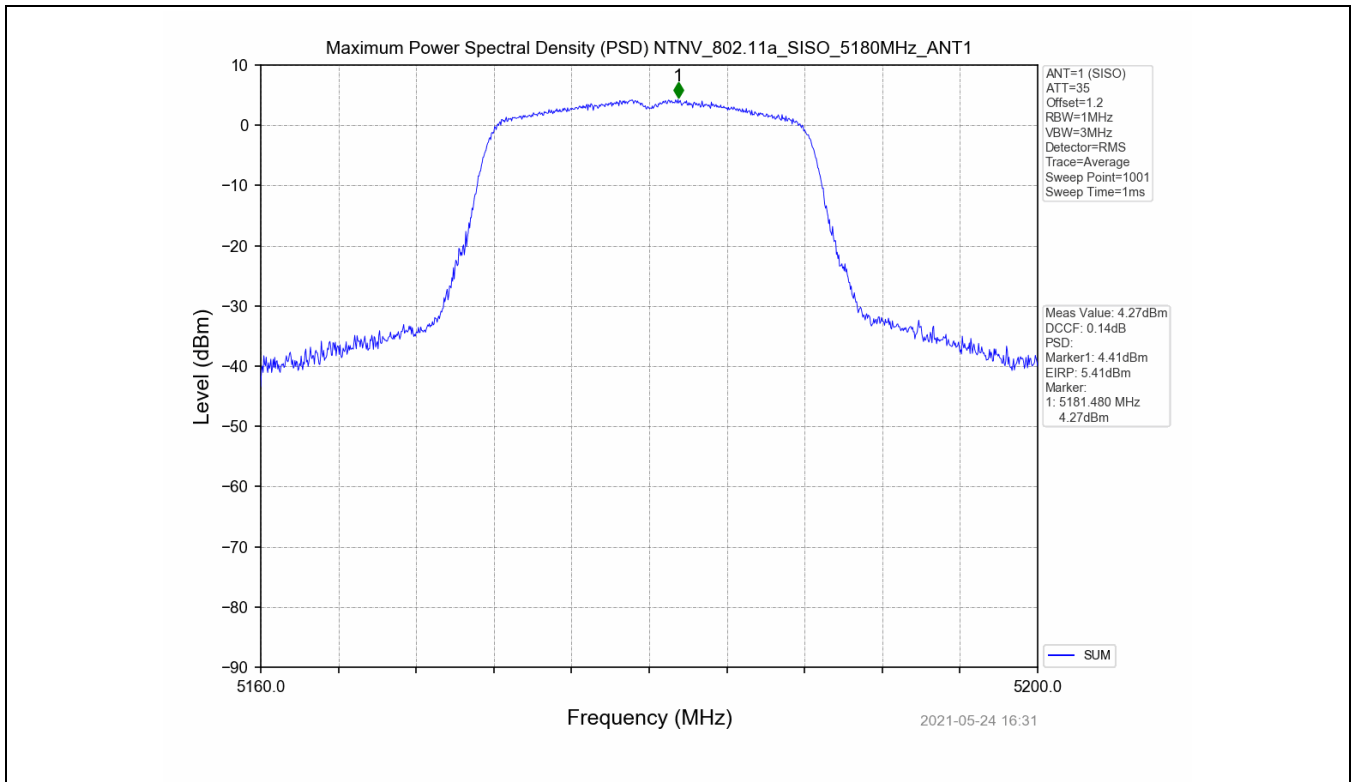
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: 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, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710584 www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710584 sgs.china@sgs.com

	5700	SISO	3.57	≤11	PASS
802.11ac(VHT40)	5190	SISO	0.06	≤11	PASS
	5230	SISO	-0.36	≤11	PASS
	5270	SISO	-0.36	≤11	PASS
	5310	SISO	-0.29	≤11	PASS
	5510	SISO	0.46	≤11	PASS
	5550	SISO	0.76	≤11	PASS
	5670	SISO	0.81	≤11	PASS
802.11ac(VHT80)	5210	SISO	-3.00	≤11	PASS
	5290	SISO	-3.19	≤11	PASS
	5530	SISO	-2.13	≤11	PASS
	5610	SISO	-2.34	≤11	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	1.28	≤30	PASS
	5785	SISO	1.11	≤30	PASS
	5825	SISO	1.01	≤30	PASS
802.11n(HT20)	5745	SISO	0.24	≤30	PASS
	5785	SISO	-0.03	≤30	PASS
	5825	SISO	-0.18	≤30	PASS
802.11n(HT40)	5755	SISO	-3.41	≤30	PASS
	5795	SISO	-2.97	≤30	PASS
802.11ac(VHT20)	5745	SISO	0.63	≤30	PASS
	5785	SISO	0.35	≤30	PASS
	5825	SISO	0.14	≤30	PASS
802.11ac(VHT40)	5755	SISO	-3.30	≤30	PASS
	5795	SISO	-2.98	≤30	PASS
802.11ac(VHT80)	5775	SISO	-5.74	≤30	PASS

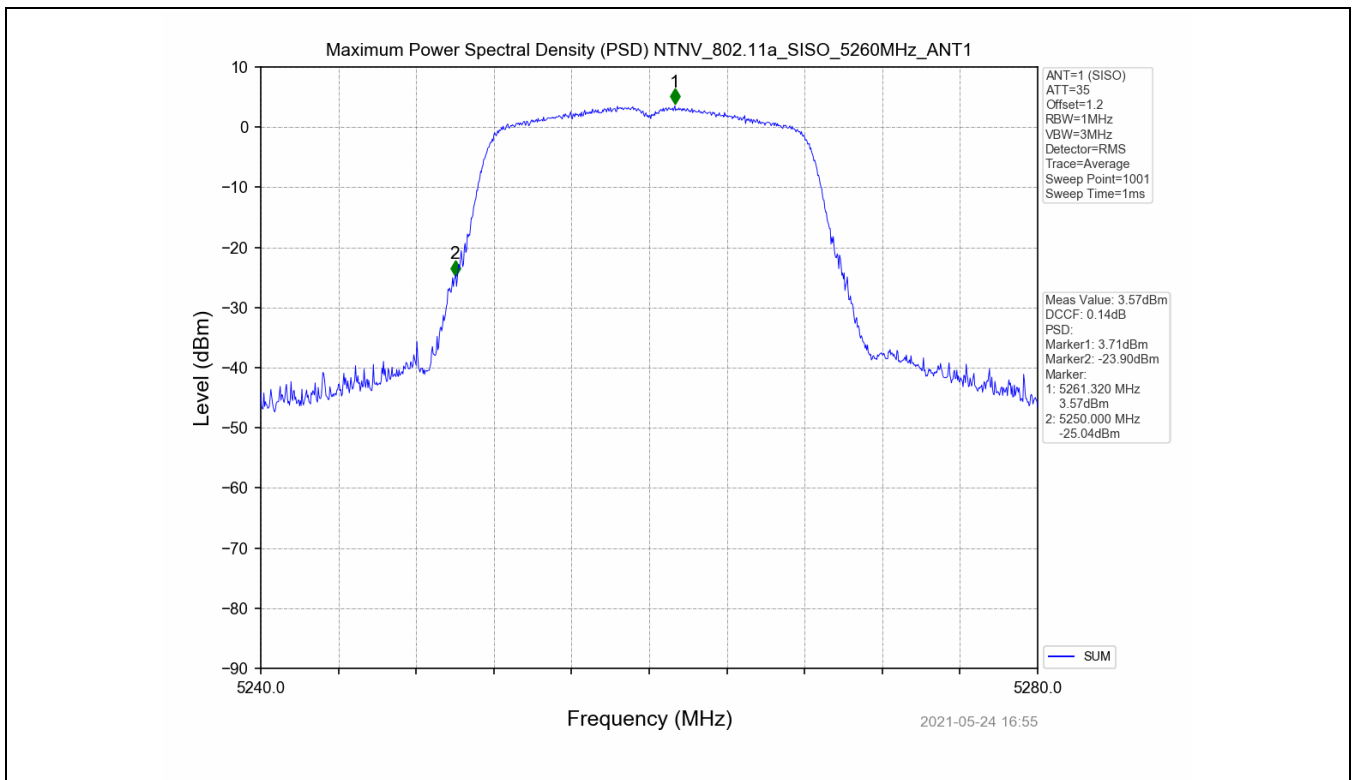
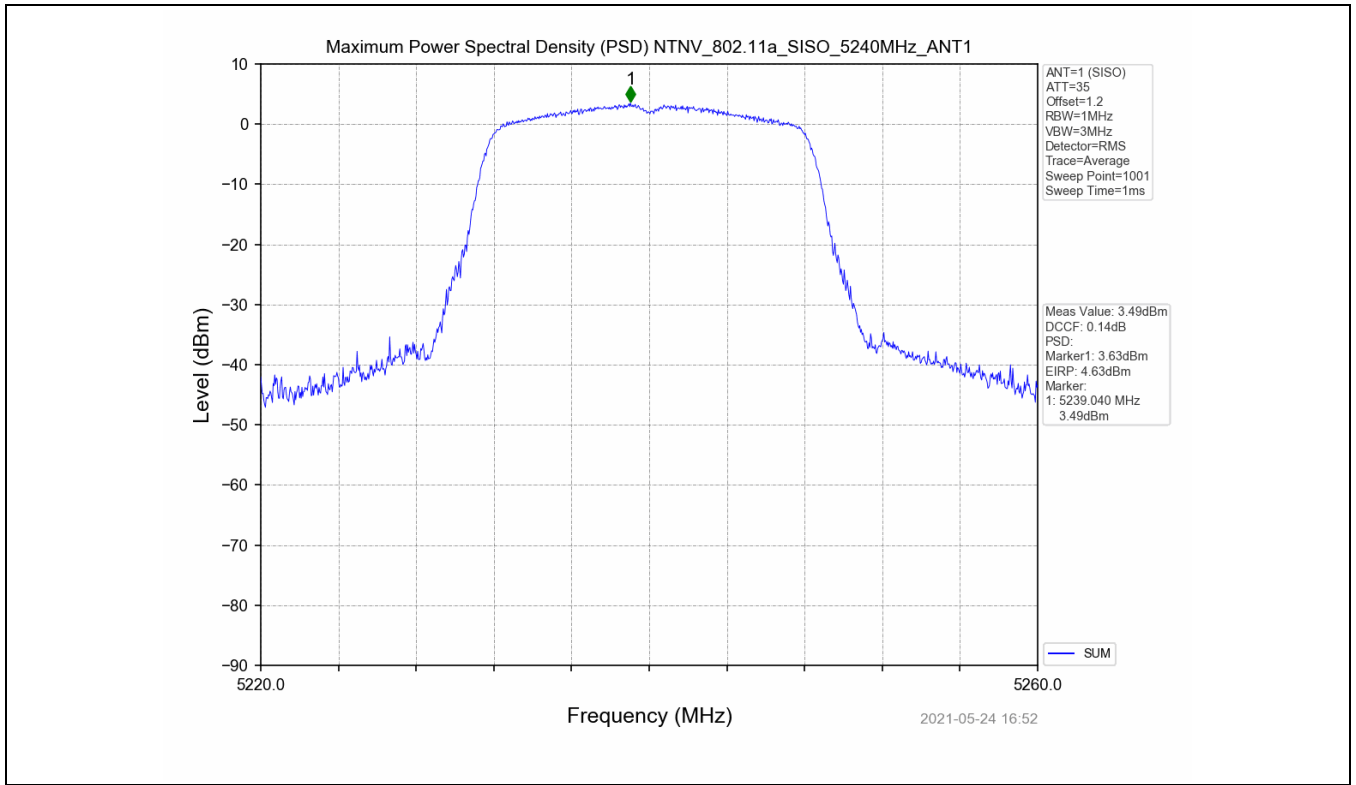
4.2 Test Graph

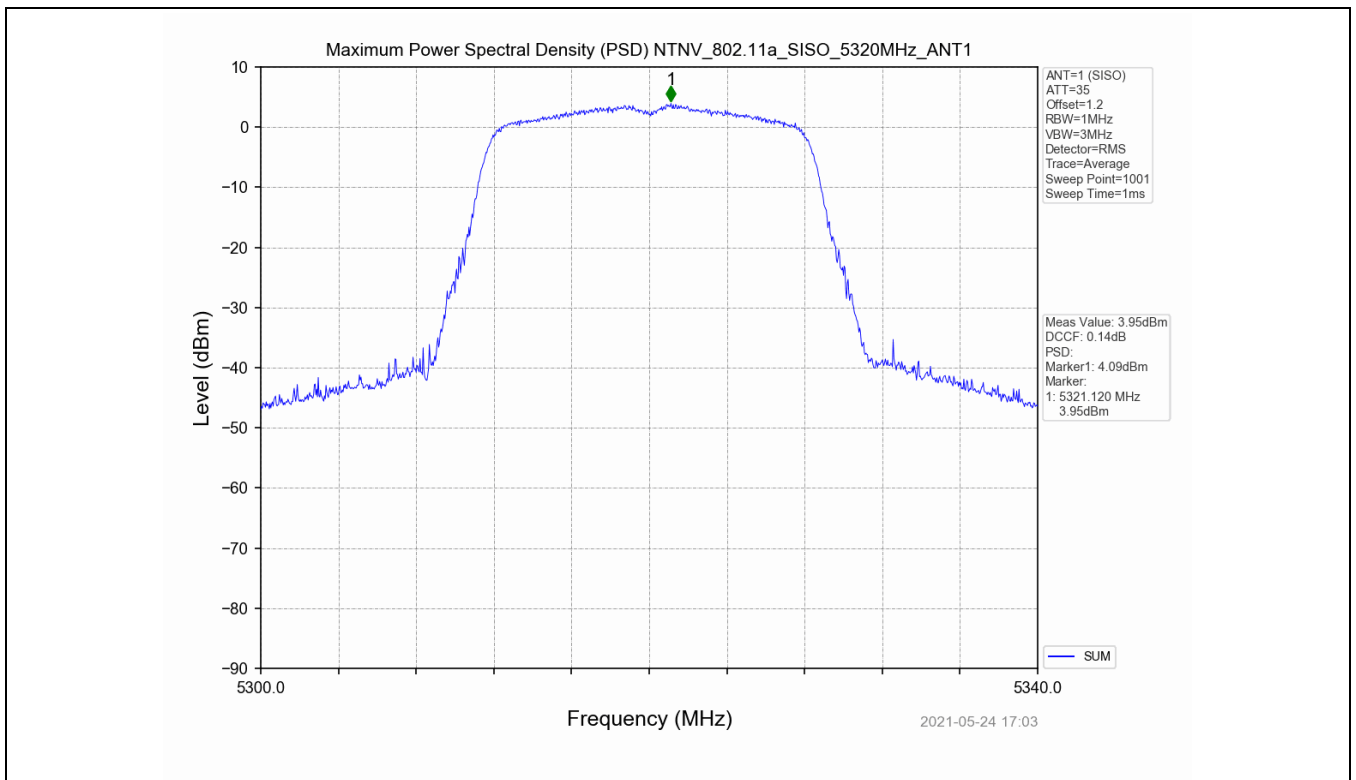
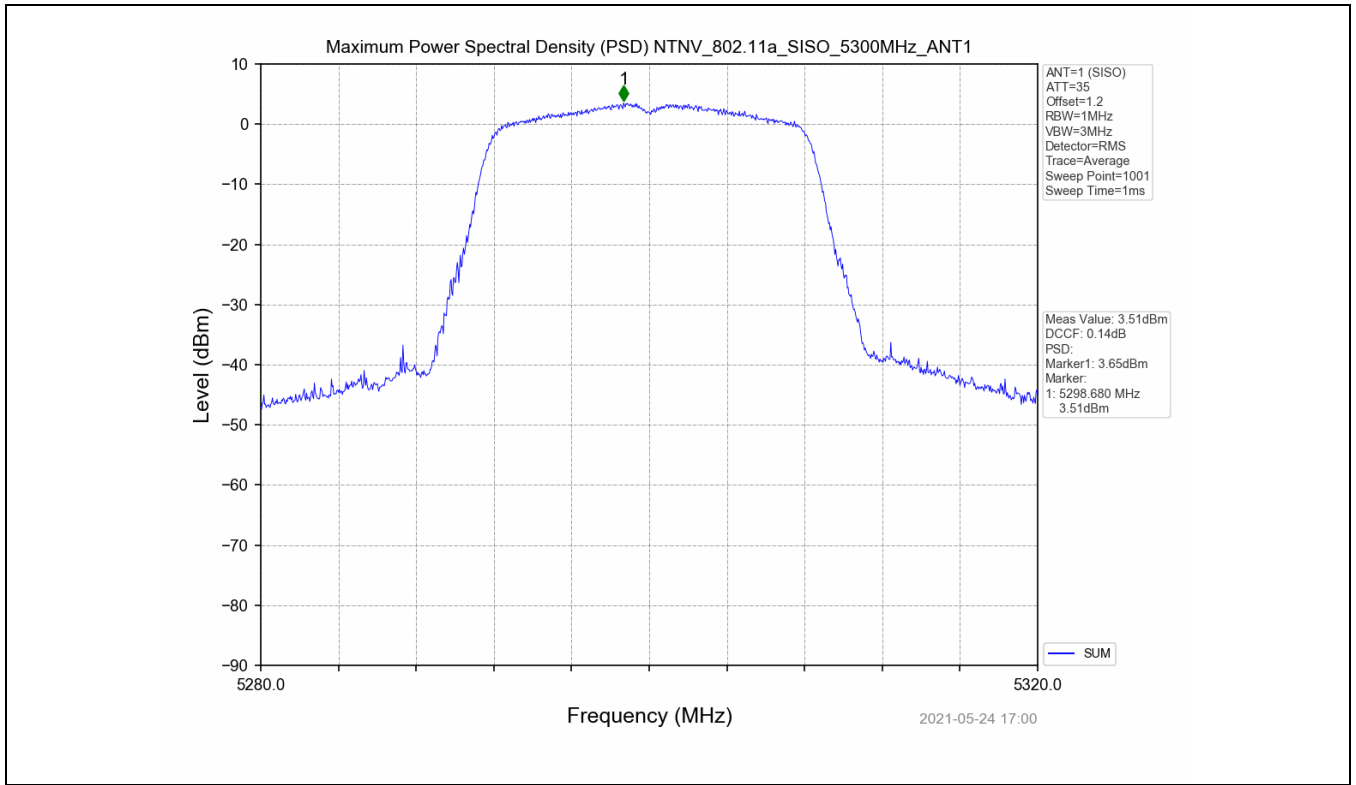


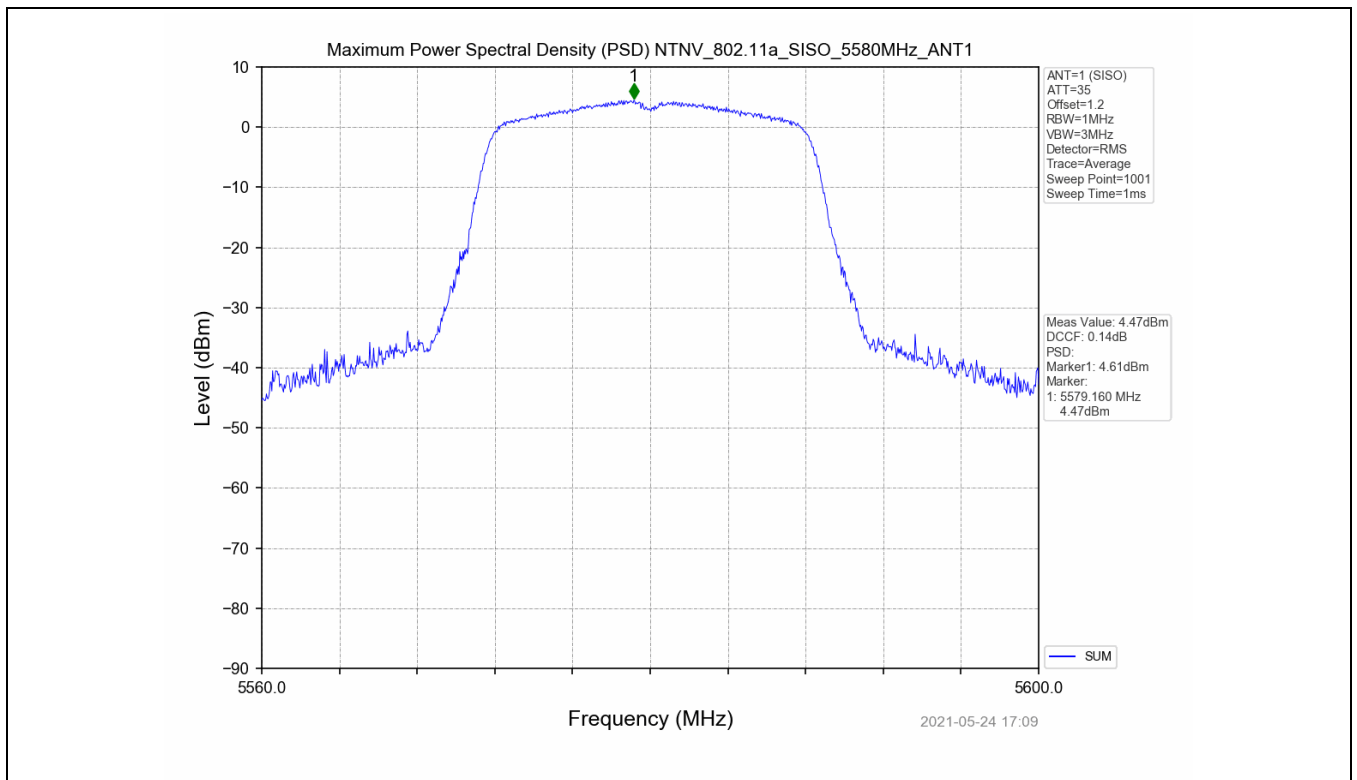
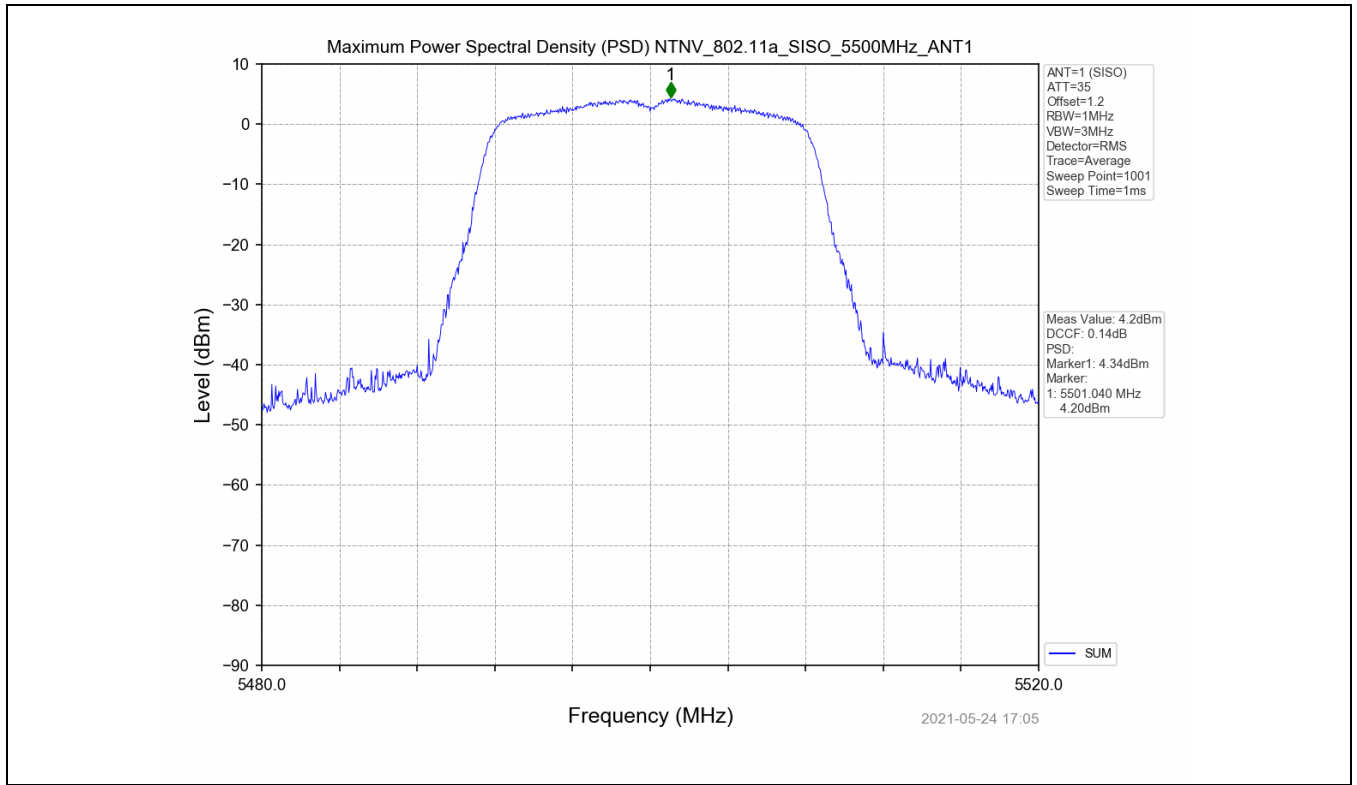
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

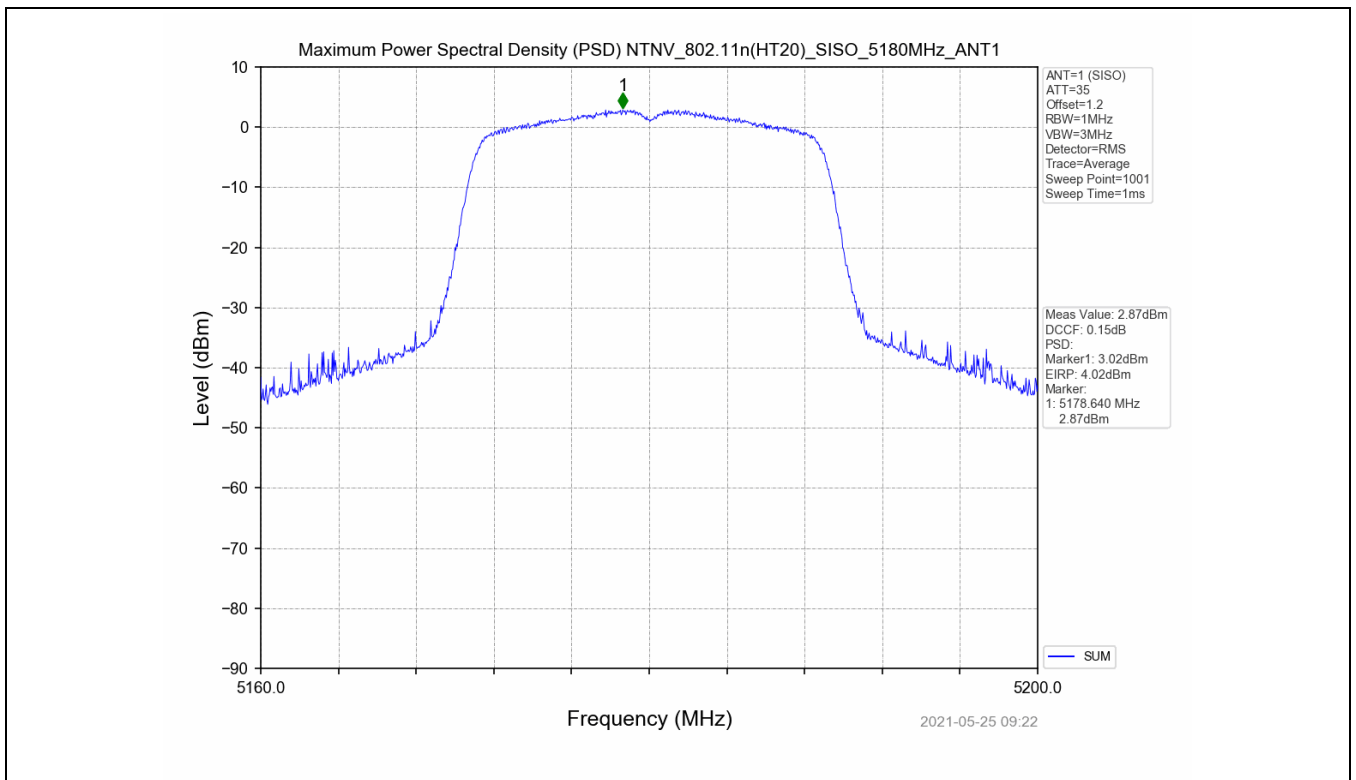
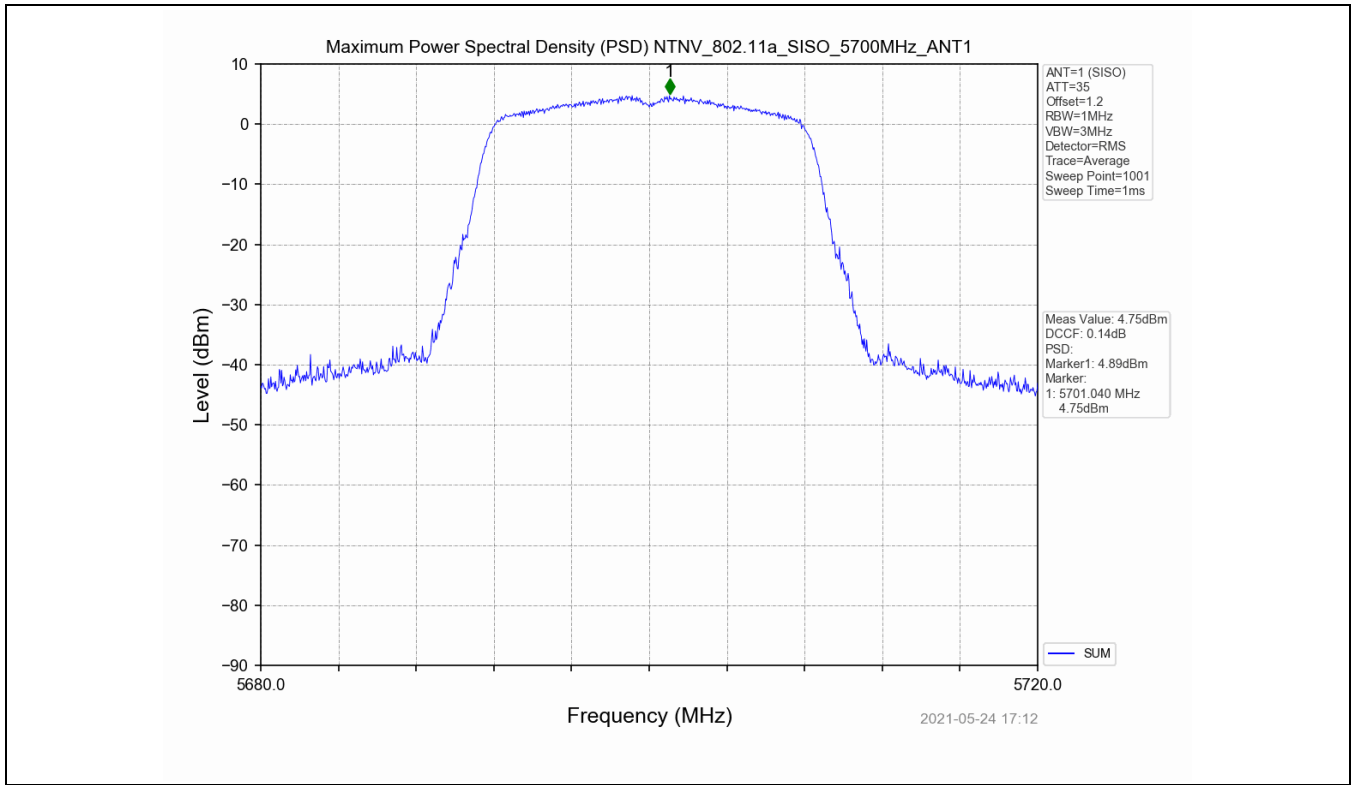
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

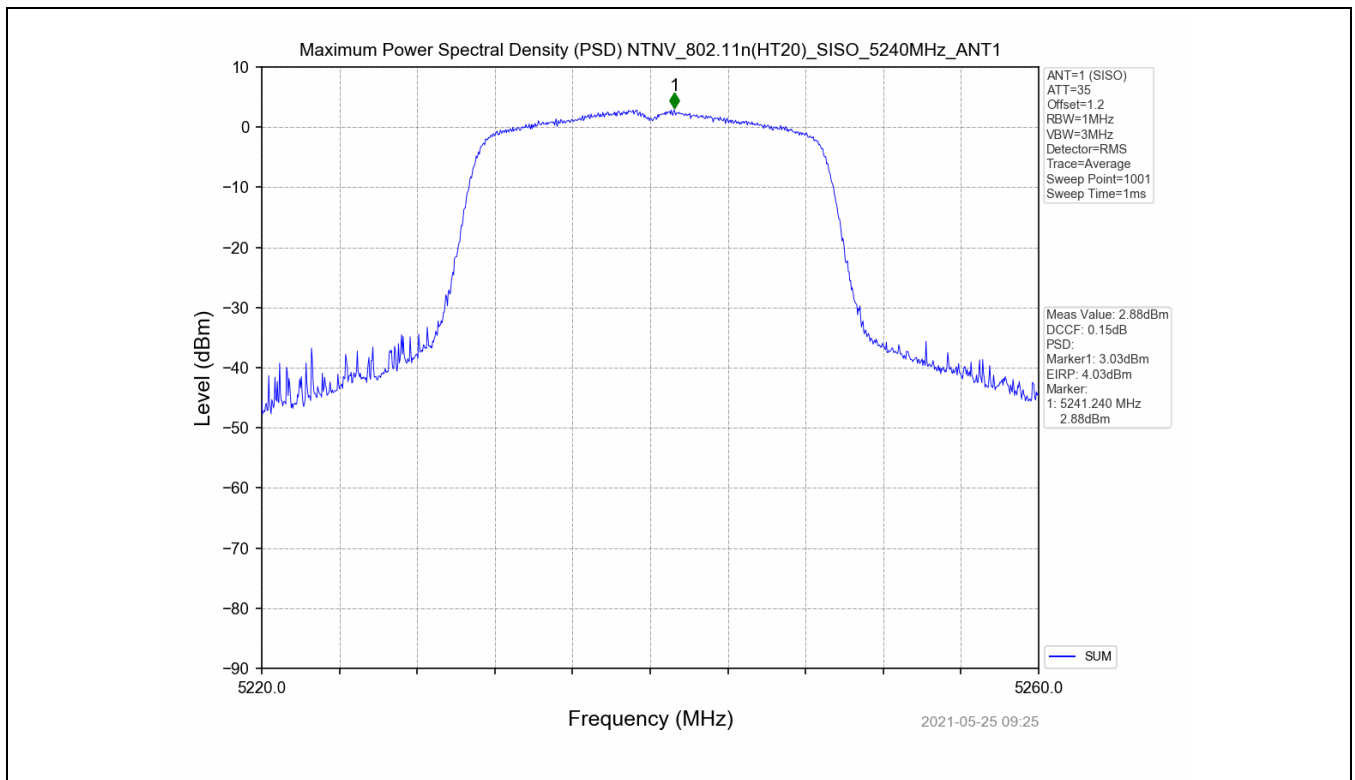
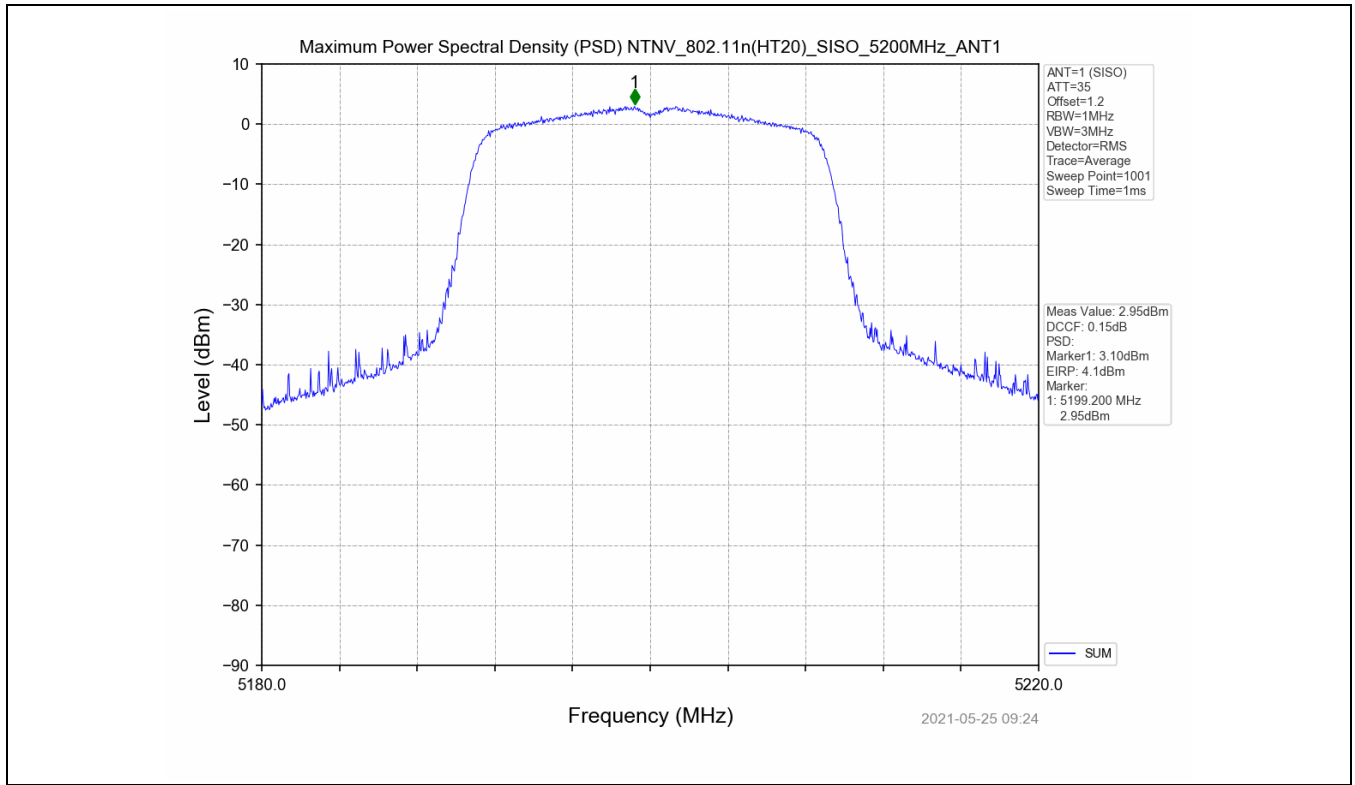
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710584 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710584 sgs.china@sgs.com

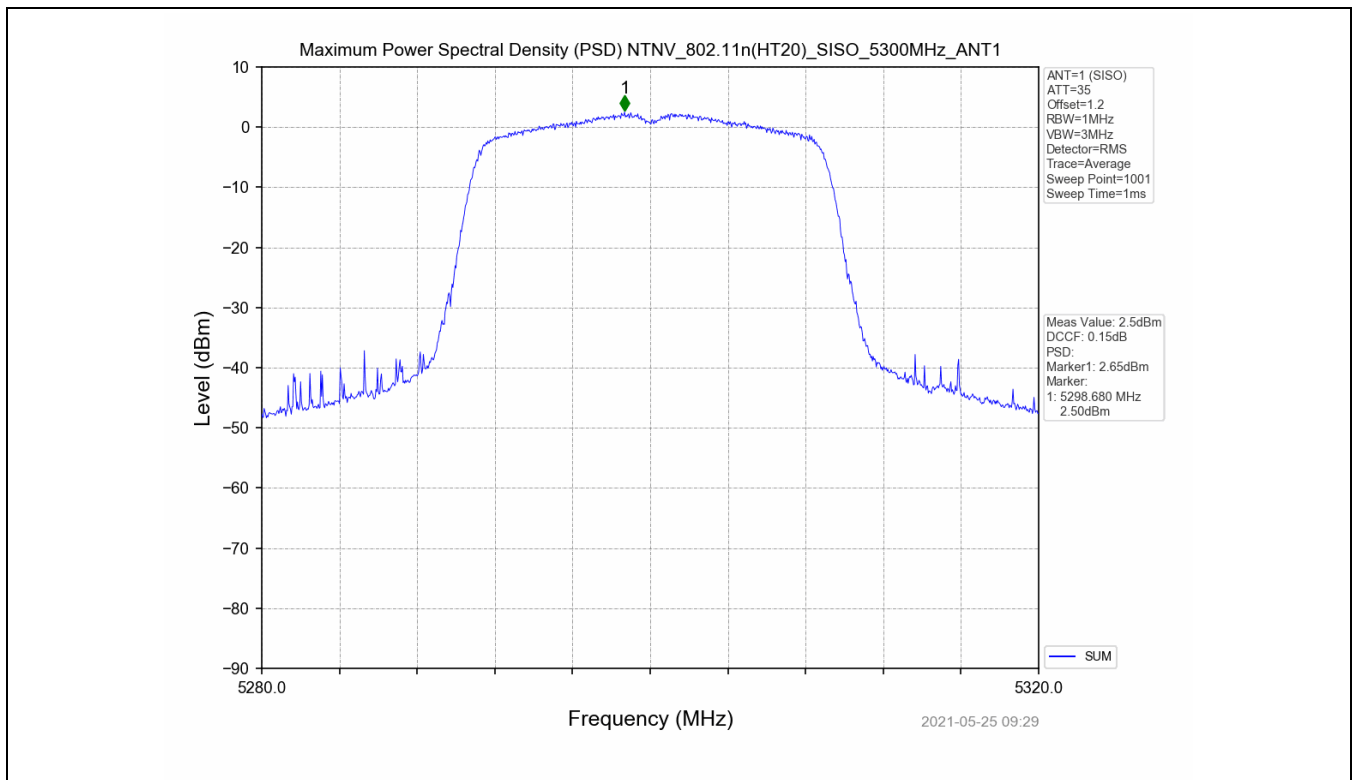
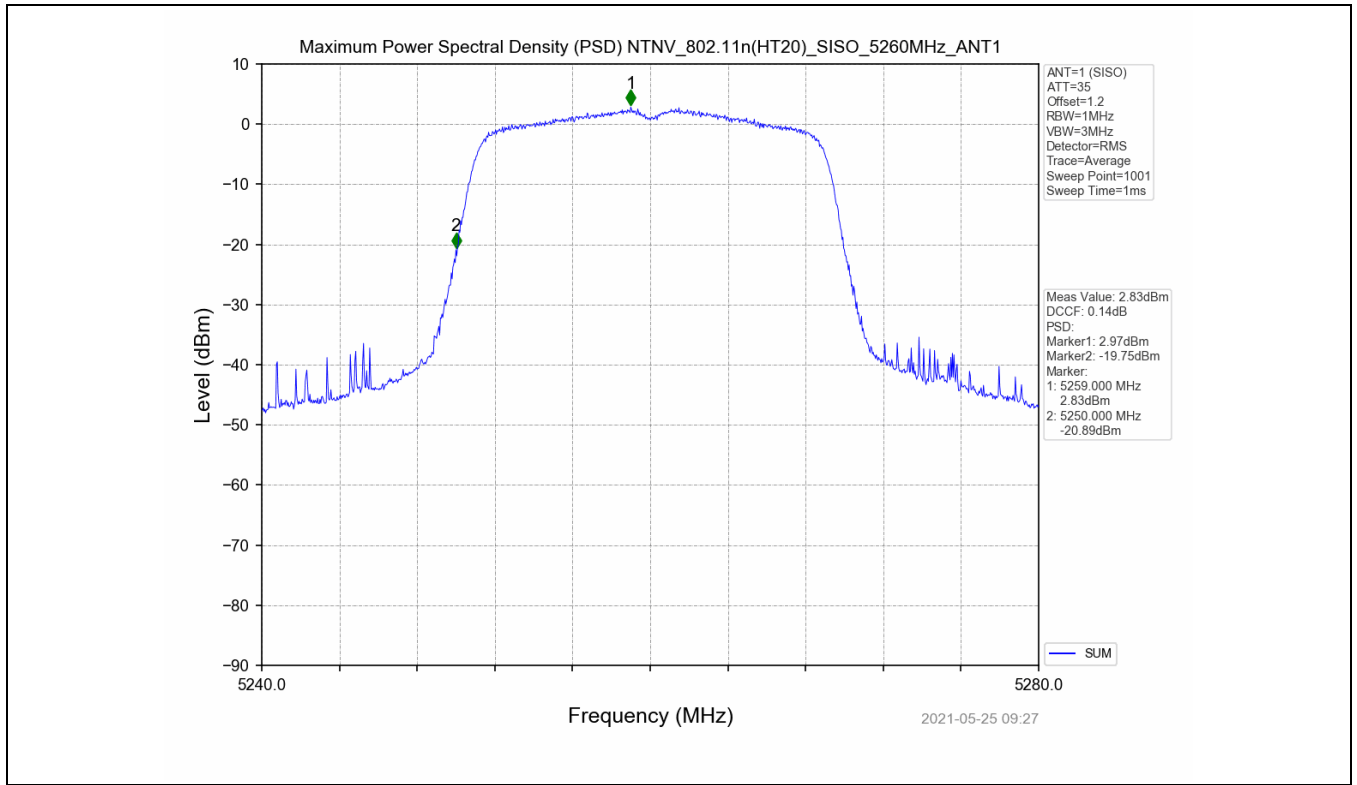


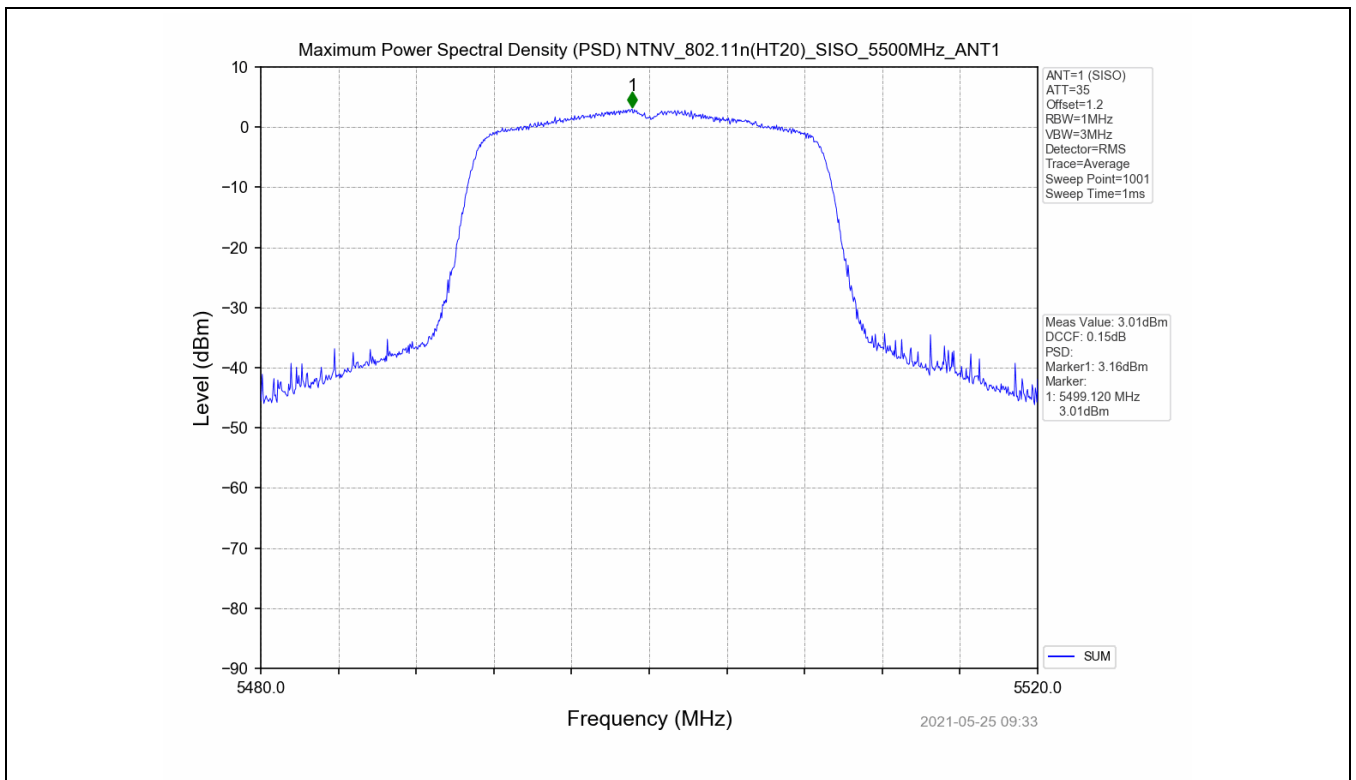
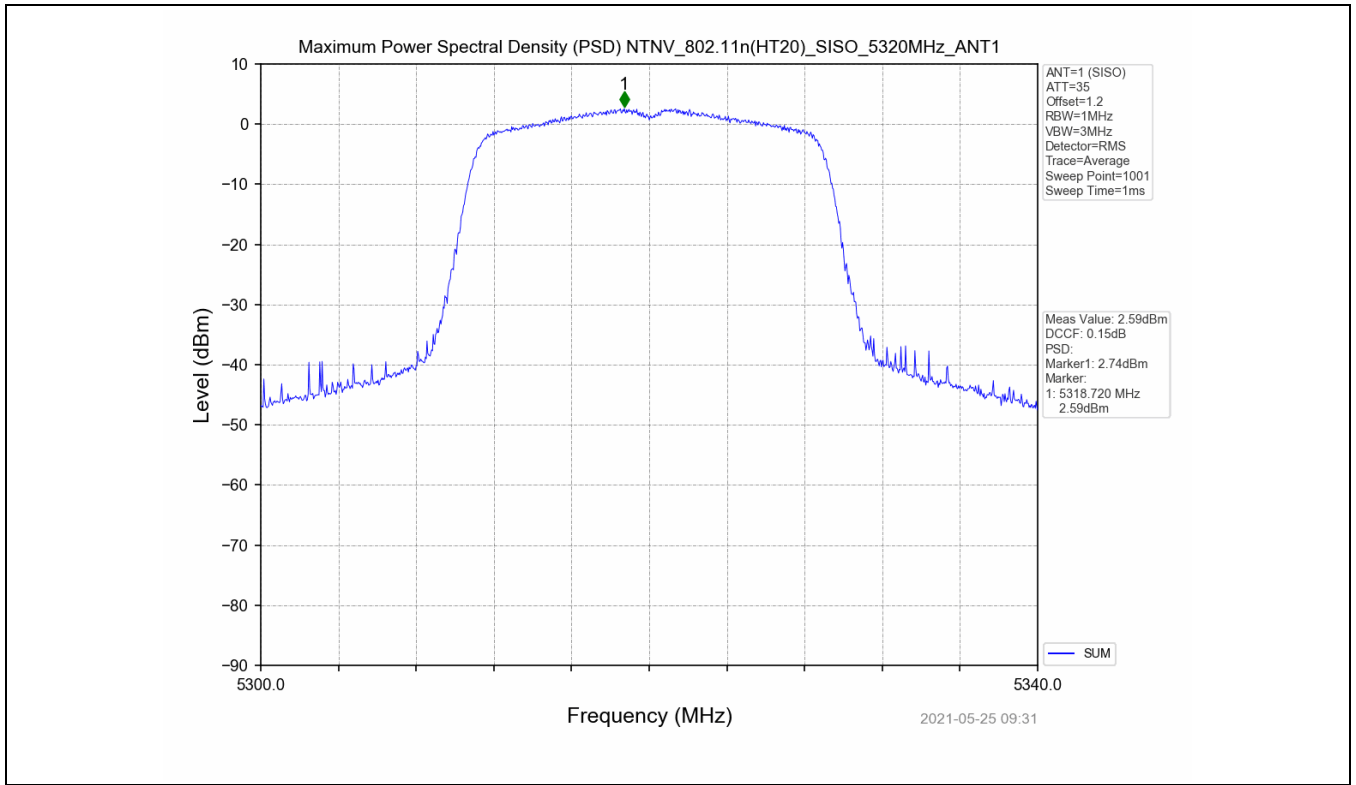












Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 1 (86-755) 26012053 1 (86-755) 26710584 www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 1 (86-755) 26012053 1 (86-755) 26710584 sgs.china@sgs.com

