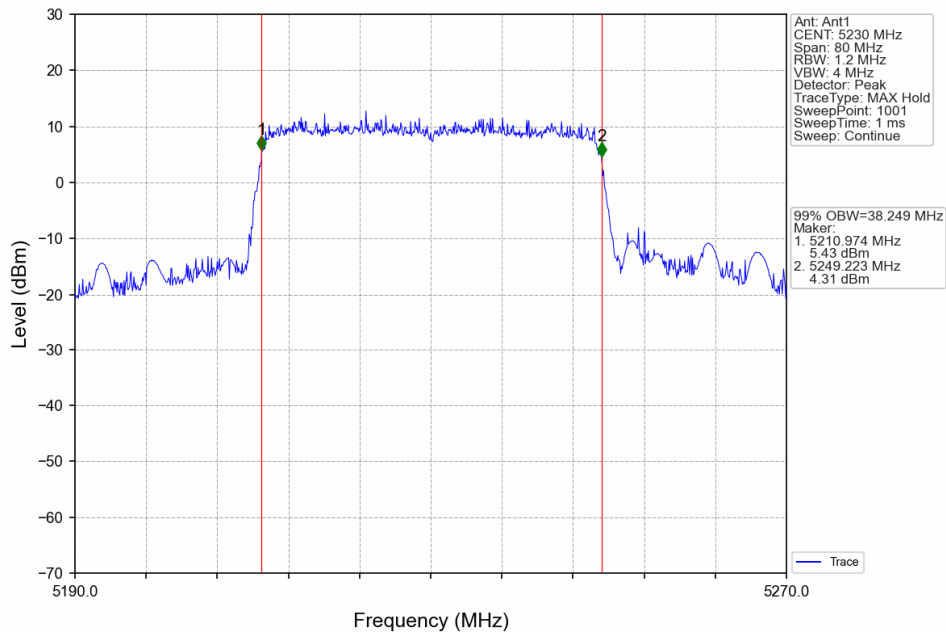
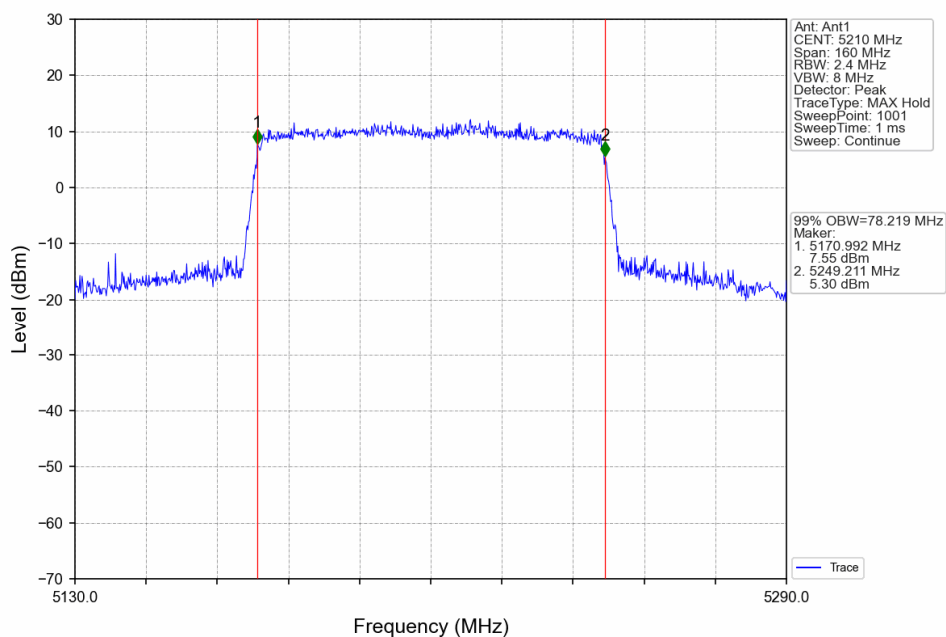


802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



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

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400091205

Page: 167 of 214

2.2 26dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)	Verdict
						Result	
802.11a	SISO	5180	/	/	1	33.851	Pass
		5200	/	/	1	27.892	Pass
		5240	/	/	1	22.775	Pass
802.11n (HT20)	MIMO	5180	/	/	1	21.282	Pass
		5200	/	/	1	23.628	Pass
		5240	/	/	1	21.198	Pass
802.11n (HT40)	MIMO	5190	/	/	1	39.293	Pass
		5230	/	/	1	39.302	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	33.418	Pass
		5200	/	/	1	23.968	Pass
		5240	/	/	1	25.591	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	39.289	Pass
		5230	/	/	1	39.215	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	80.407	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	25.101	Pass
		5200	RU242	Left	1	22.581	Pass
		5240	RU242	Left	1	21.507	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	57.104	Pass
		5230	RU484	Left	1	51.573	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	81.508	Pass

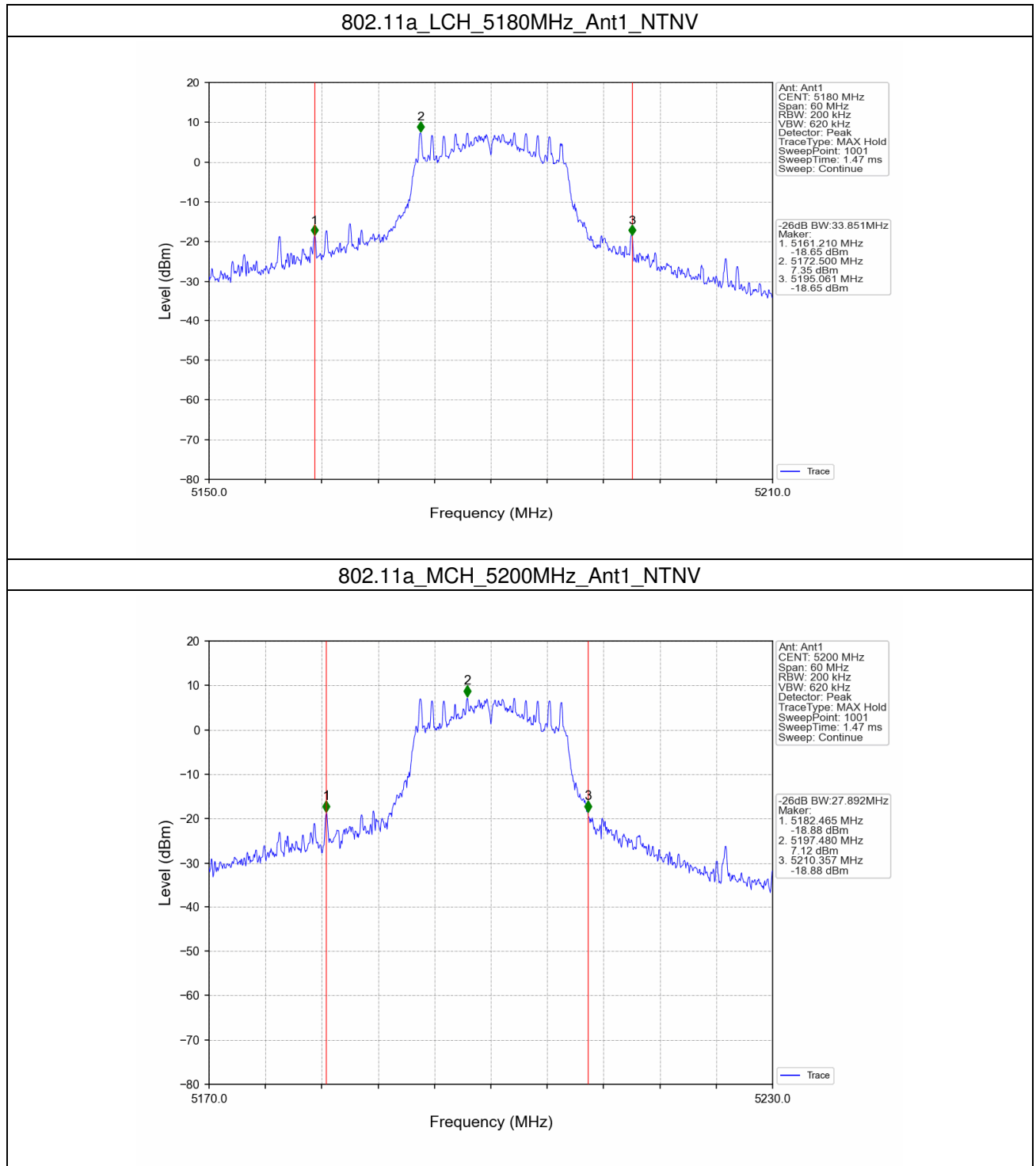


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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.

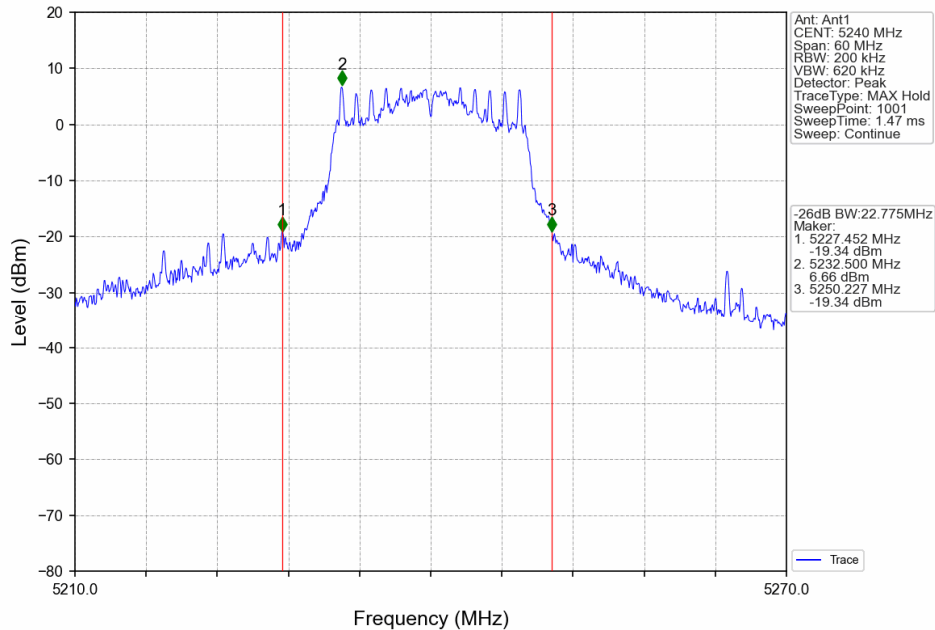
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

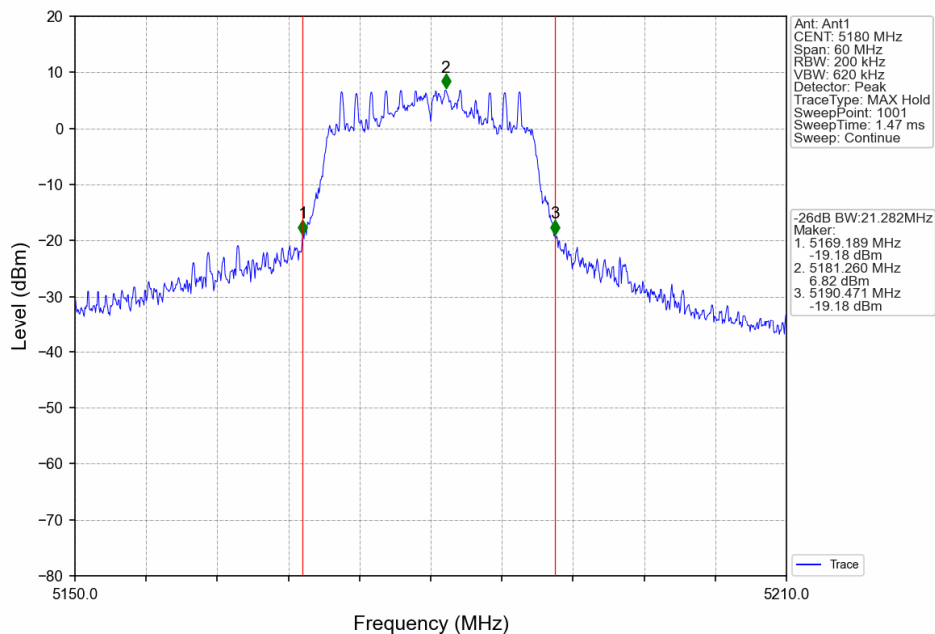
2.2.2 Test Graph



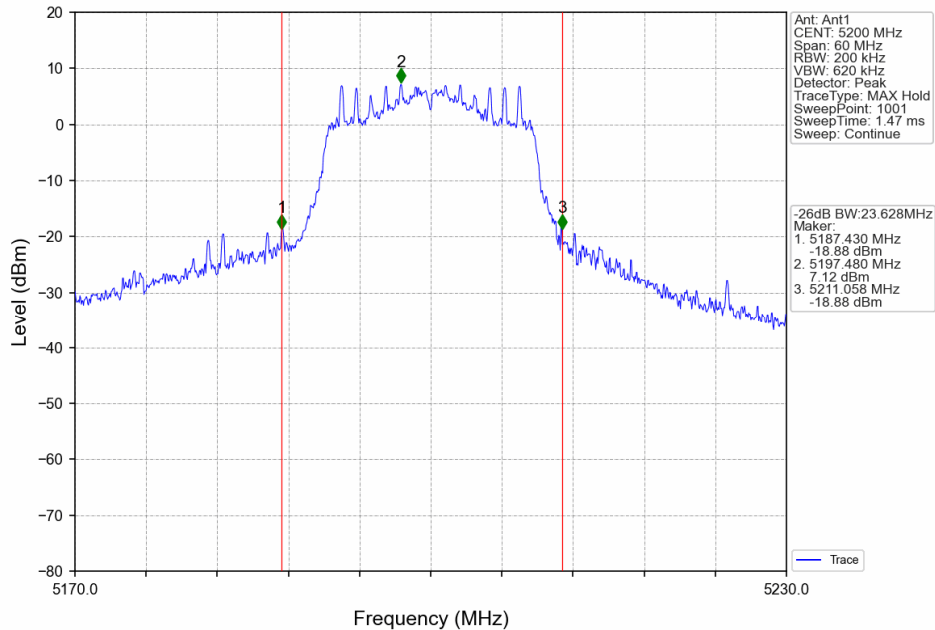
802.11a_HCH_5240MHz_Ant1_NTNV



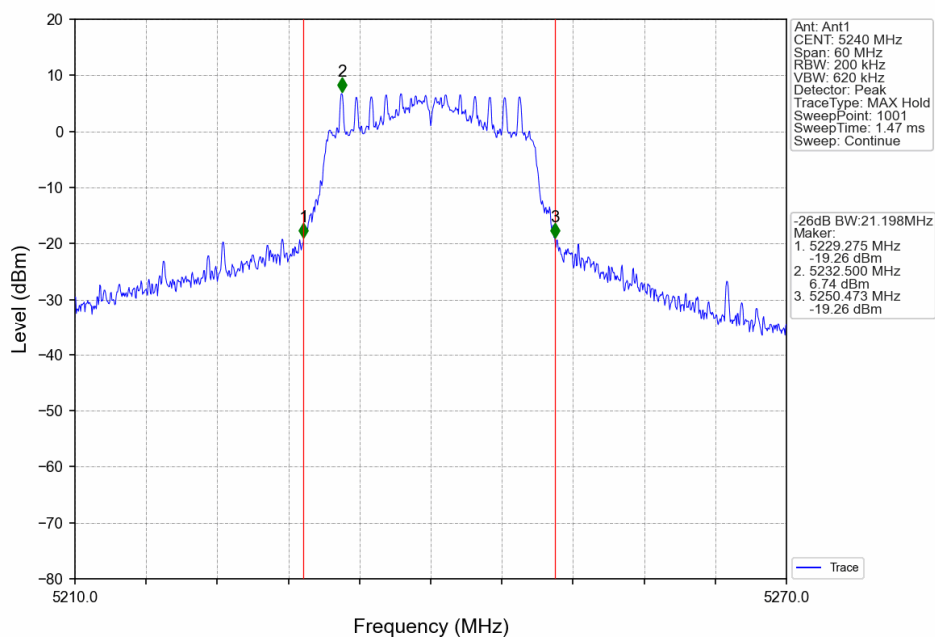
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



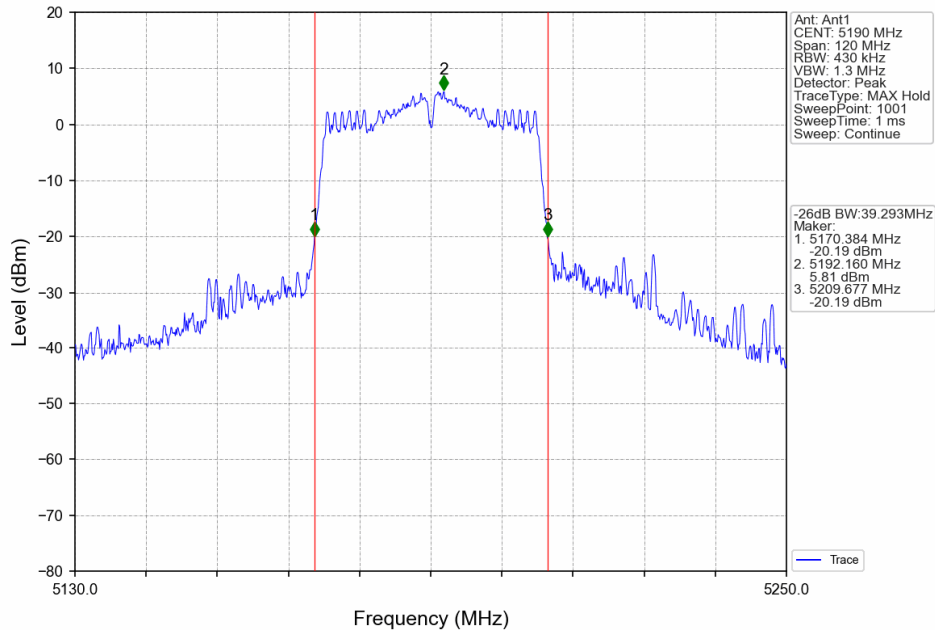
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



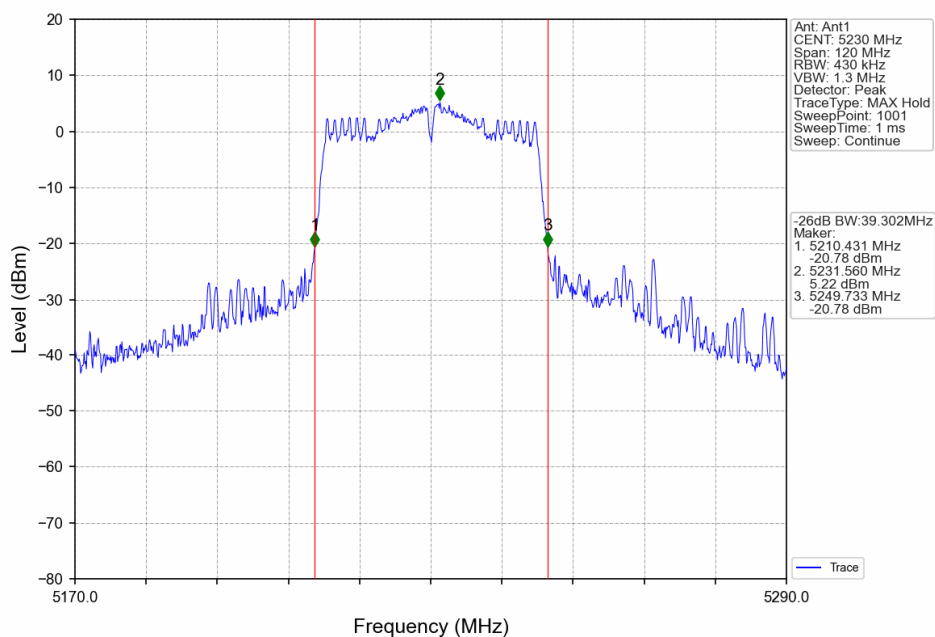
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



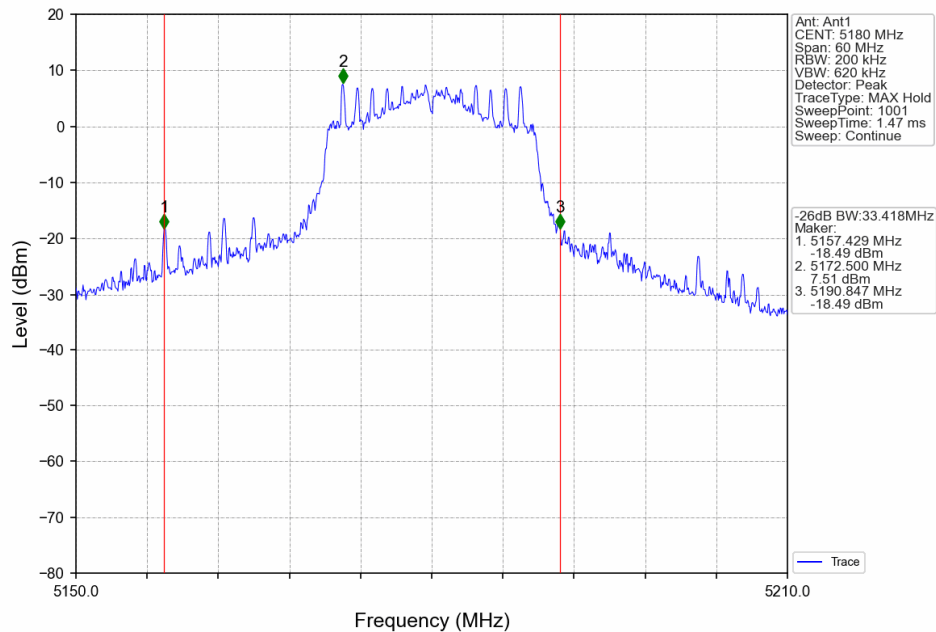
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



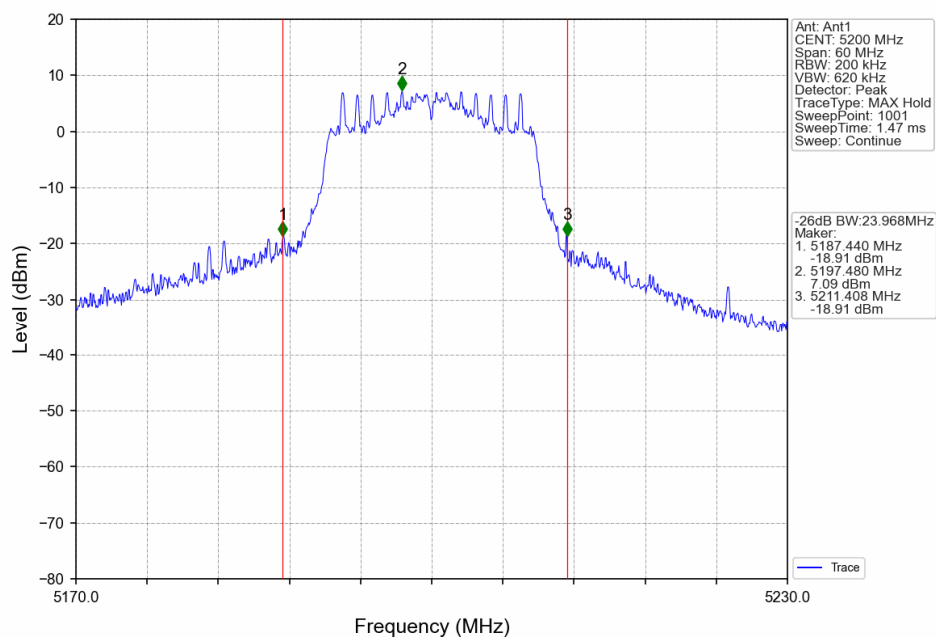
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



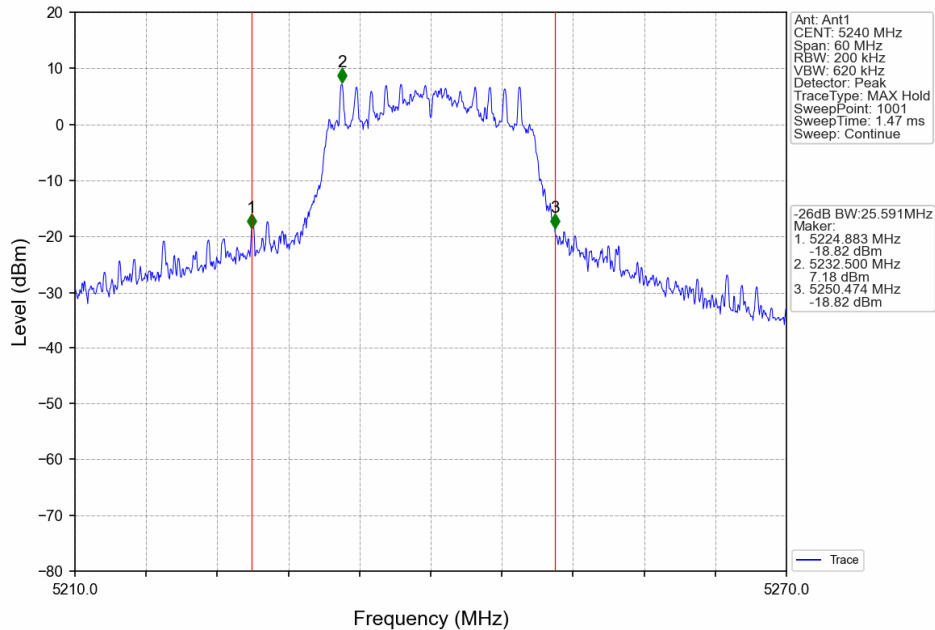
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



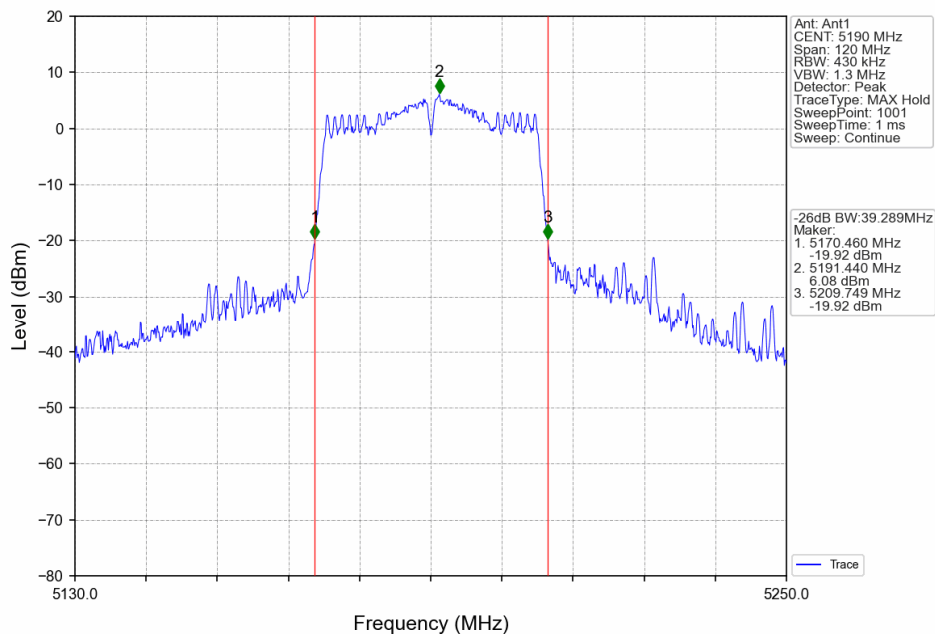
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



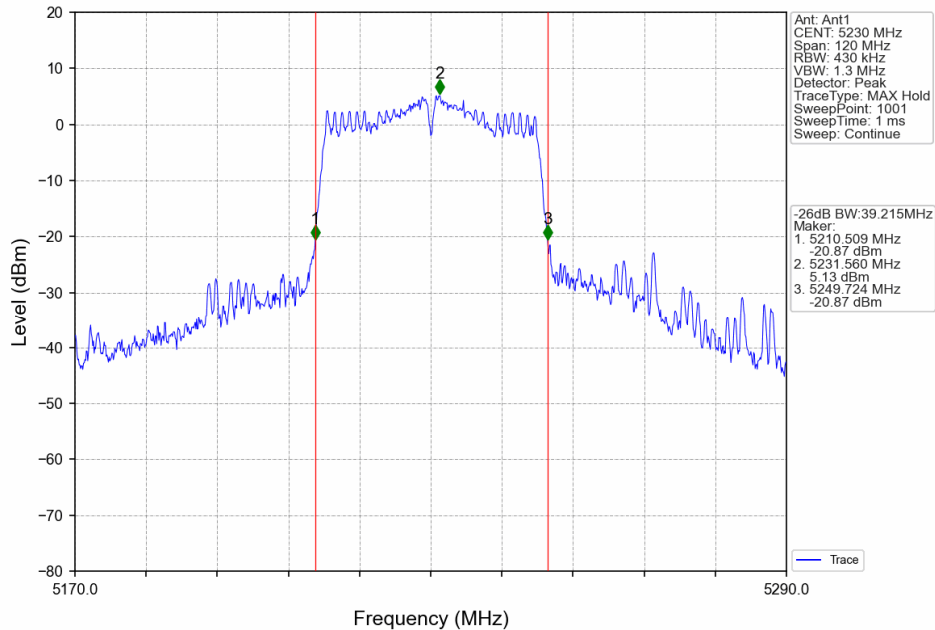
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



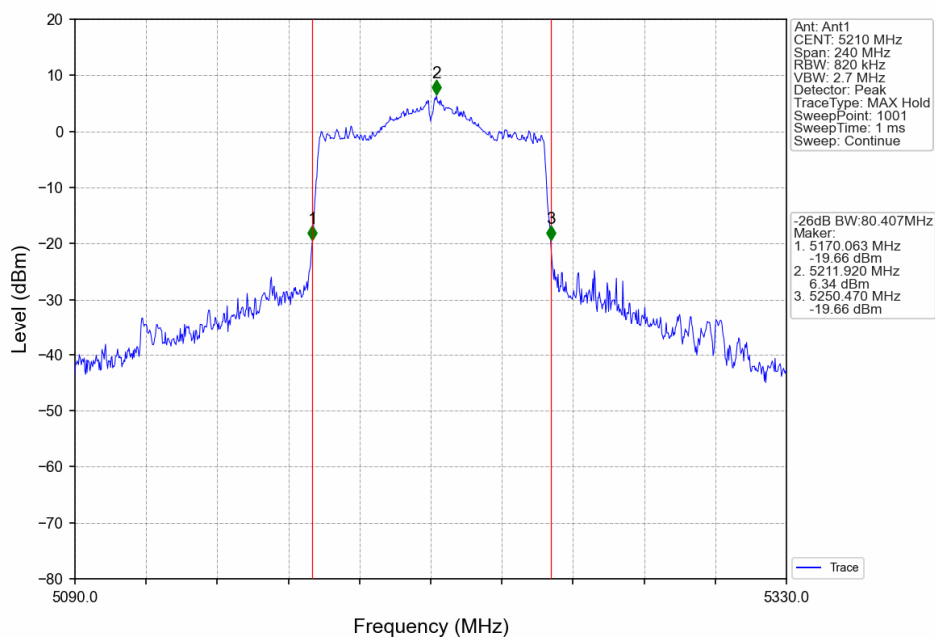
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



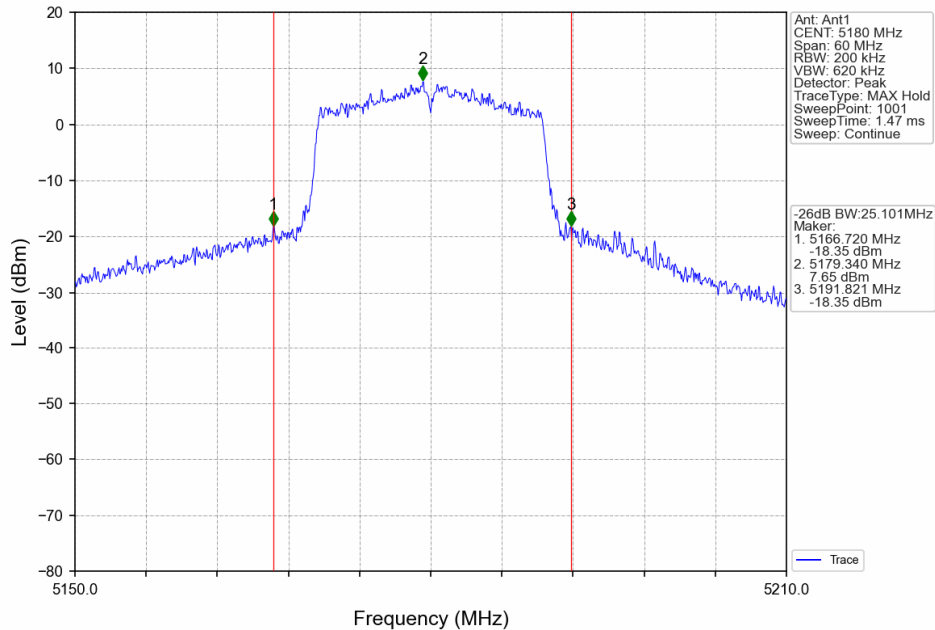
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



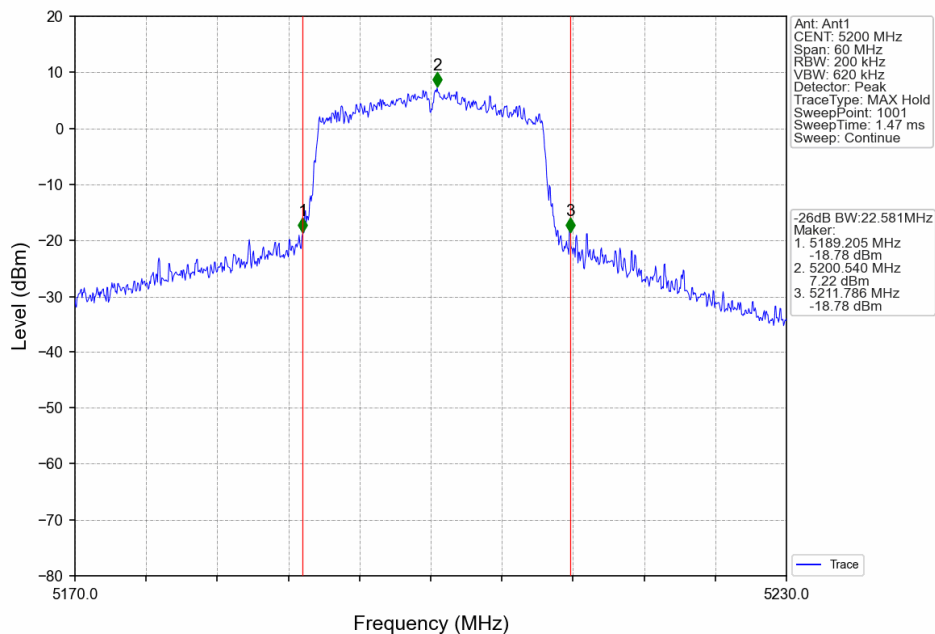
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



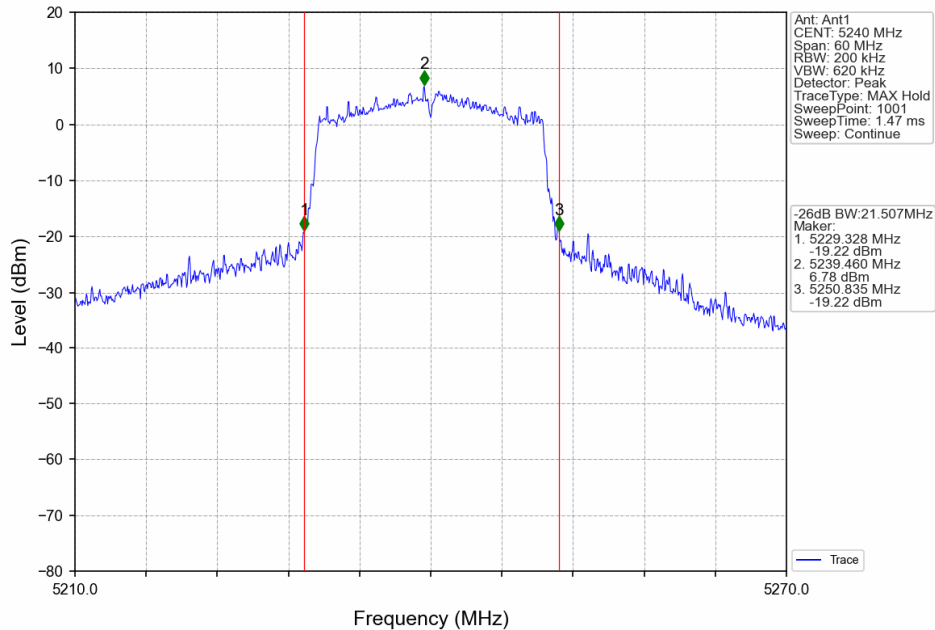
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



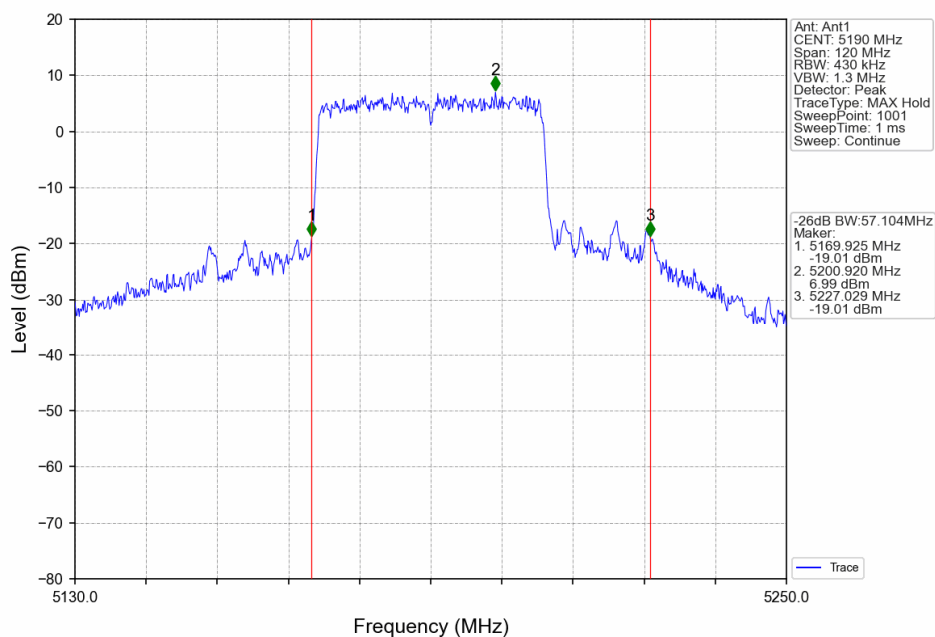
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

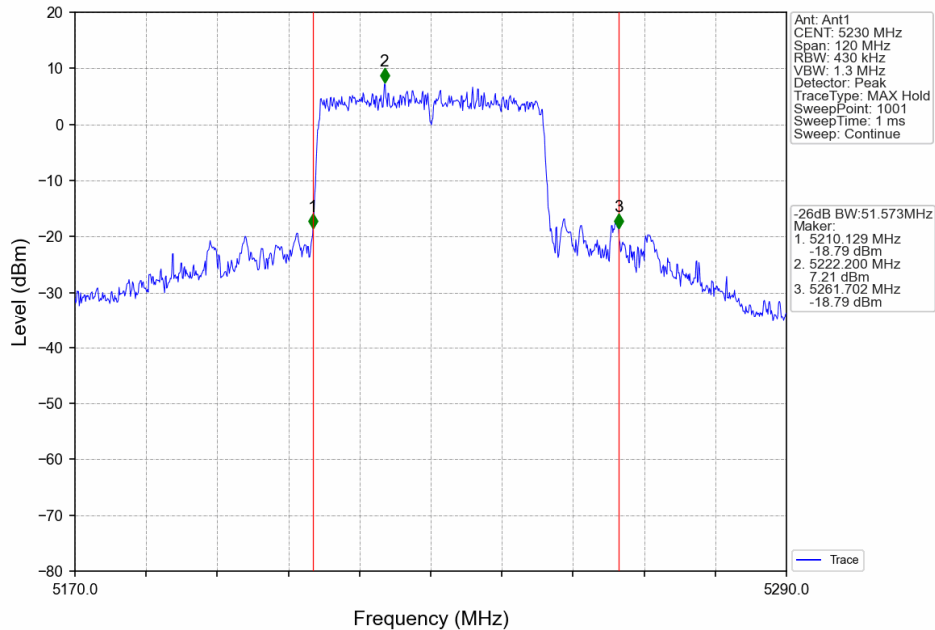
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



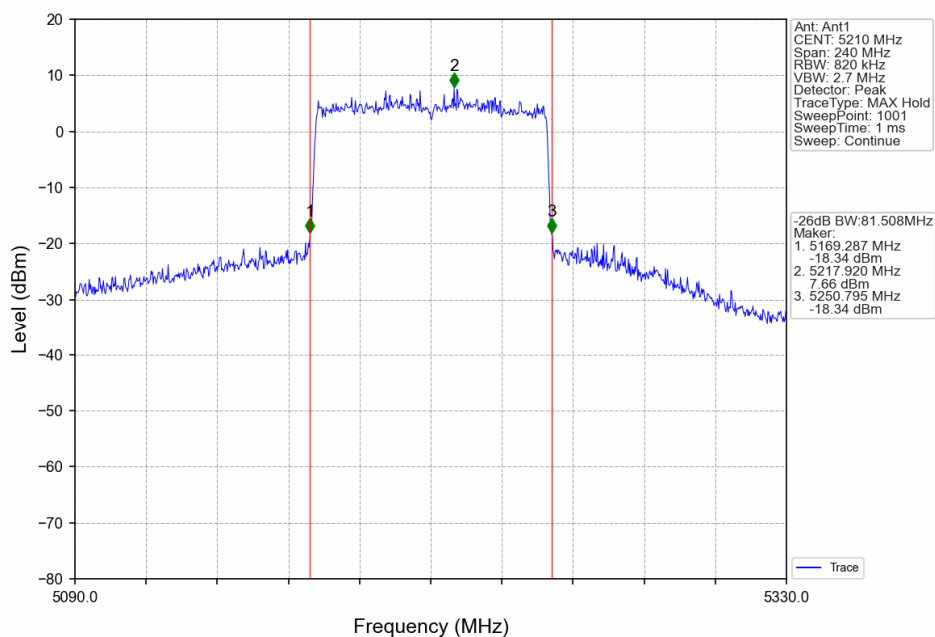
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	14.90	14.83	/	<=23.98	Pass
		5200	/	/	14.97	14.88	/	<=23.98	Pass
		5240	/	/	14.46	13.96	/	<=23.98	Pass
802.11n (HT20)	MIMO	5180	/	/	15.15	14.66	17.92	<=23.98	Pass
		5200	/	/	14.88	14.45	17.68	<=23.98	Pass
		5240	/	/	14.27	13.54	16.93	<=23.98	Pass
802.11n (HT40)	MIMO	5190	/	/	13.54	13.78	16.67	<=23.98	Pass
		5230	/	/	12.96	12.97	15.98	<=23.98	Pass
802.11ac (VHT20)	MIMO	5180	/	/	15.06	14.61	17.85	<=23.98	Pass
		5200	/	/	14.89	14.55	17.73	<=23.98	Pass
		5240	/	/	14.21	13.95	17.09	<=23.98	Pass
802.11ac (VHT40)	MIMO	5190	/	/	13.52	13.72	16.63	<=23.98	Pass
		5230	/	/	13.08	13.12	16.11	<=23.98	Pass
802.11ac (VHT80)	MIMO	5210	/	/	9.74	11.75	13.87	<=23.98	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	15.27	14.91	18.10	<=23.98	Pass
		5200	RU242	Left	15.03	14.92	17.99	<=23.98	Pass
		5240	RU242	Left	14.32	13.96	17.15	<=23.98	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	9.60	11.60	13.72	<=23.98	Pass
		5230	RU484	Left	9.21	11.13	13.29	<=23.98	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	9.31	11.42	13.50	<=23.98	Pass

Remark: ANT 1: 3.88 dBi ;ANT 2: 3.88 dBi ; Directional Gain=GANT + Array Gain=3.88dBi+0dB=3.88dBi.

4. Maximum Power Spectral Density

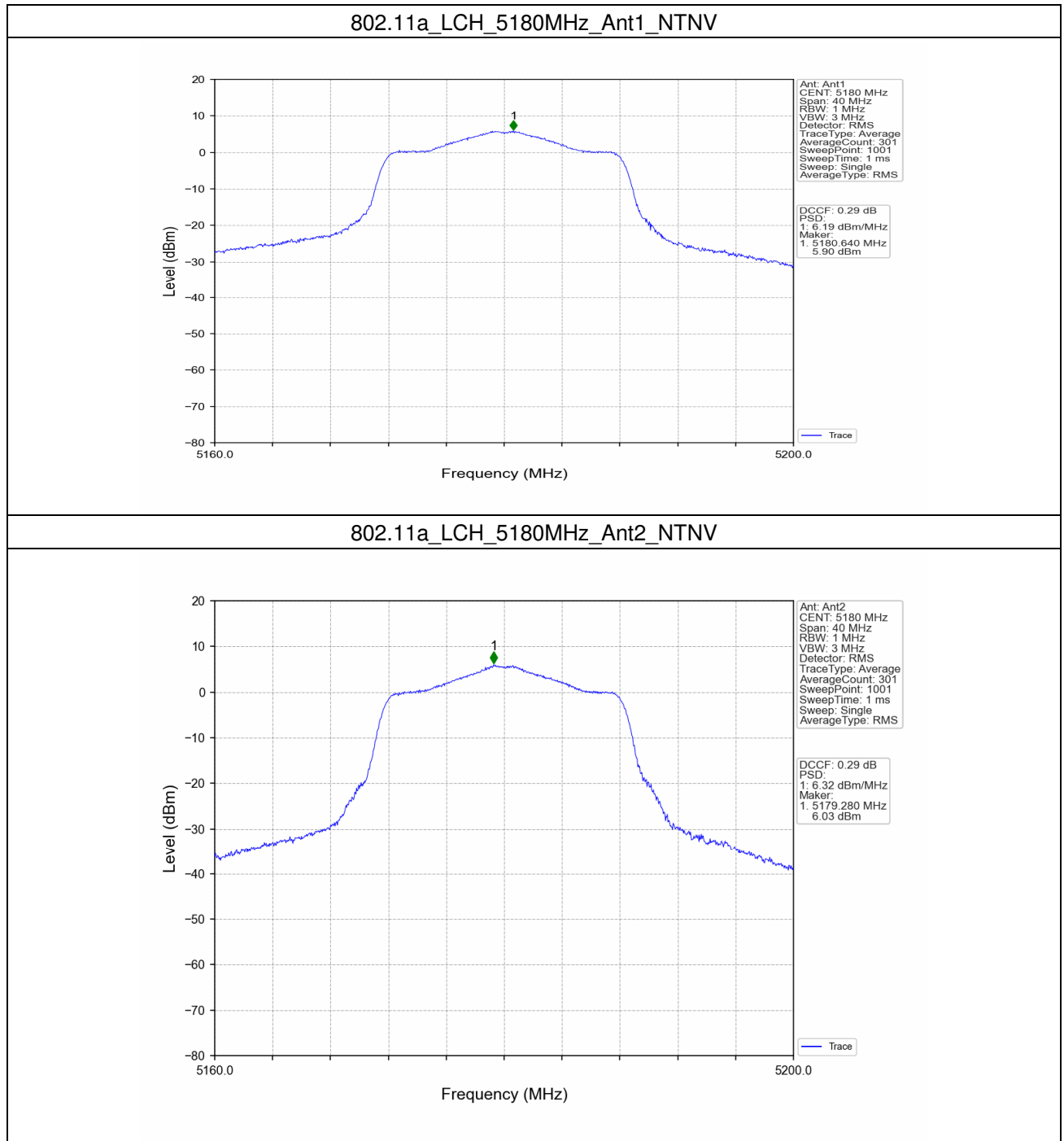
4.1 PSD

4.1.1 Test Result

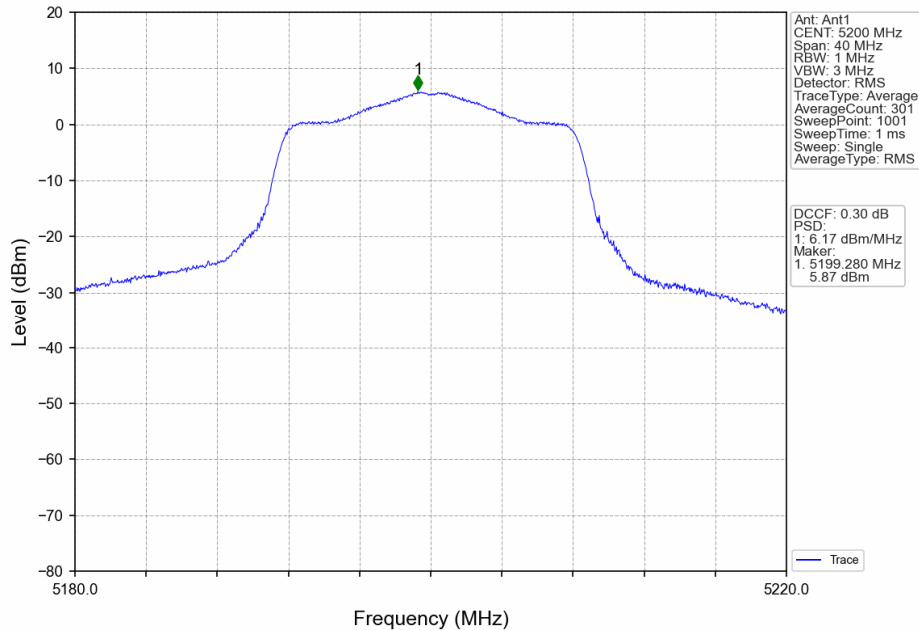
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	6.19	6.32	/	<=10.11	Pass
		5200	/	/	6.17	6.22	/	<=10.11	Pass
		5240	/	/	5.63	5.29	/	<=10.11	Pass
802.11n (HT20)	MIMO	5180	/	/	6.17	5.75	8.96	<=10.11	Pass
		5200	/	/	5.85	5.47	8.59	<=10.11	Pass
		5240	/	/	5.18	4.47	7.82	<=10.11	Pass
802.11n (HT40)	MIMO	5190	/	/	2.08	2.20	5.06	<=10.11	Pass
		5230	/	/	1.59	1.38	4.47	<=10.11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	6.14	5.75	8.83	<=10.11	Pass
		5200	/	/	5.95	5.65	8.81	<=10.11	Pass
		5240	/	/	5.36	4.92	8.03	<=10.11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1.98	2.19	5.02	<=10.11	Pass
		5230	/	/	1.44	1.67	4.54	<=10.11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.62	-2.59	-0.56	<=10.11	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	5.03	4.38	7.64	<=10.11	Pass
		5200	RU242	Left	4.71	4.52	7.54	<=10.11	Pass
		5240	RU242	Left	3.99	3.52	6.74	<=10.11	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-5.16	-3.02	-1.09	<=10.11	Pass
		5230	RU484	Left	-5.54	-3.54	-1.50	<=10.11	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-8.42	-6.16	-4.22	<=10.11	Pass

Remark: ANT 1: 3.88 dBi ;ANT 2: 3.88 dBi ; Directional Gain=GANT + Array Gain=3.88dBi+10log2=6.89dBi.

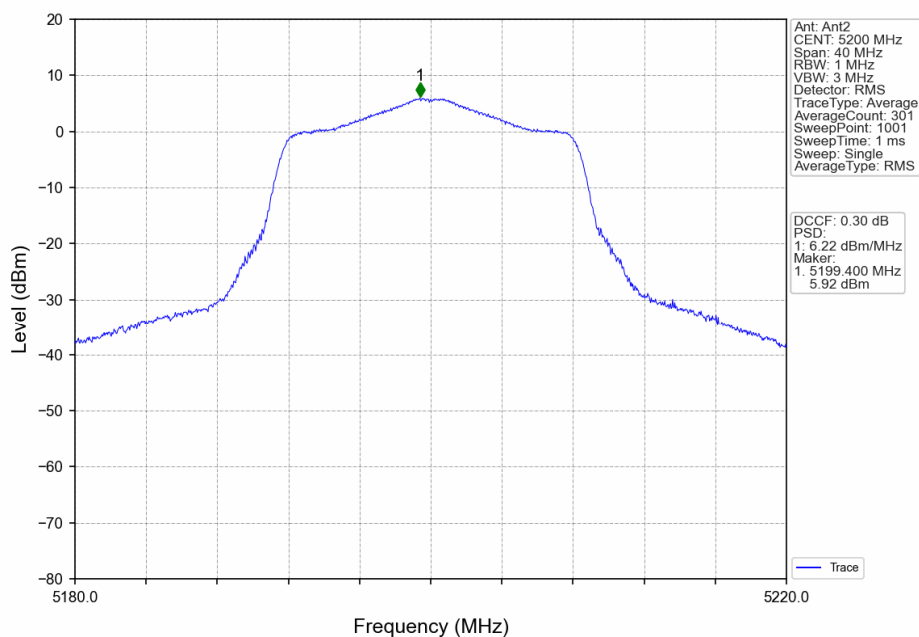
4.1.2 Test Graph



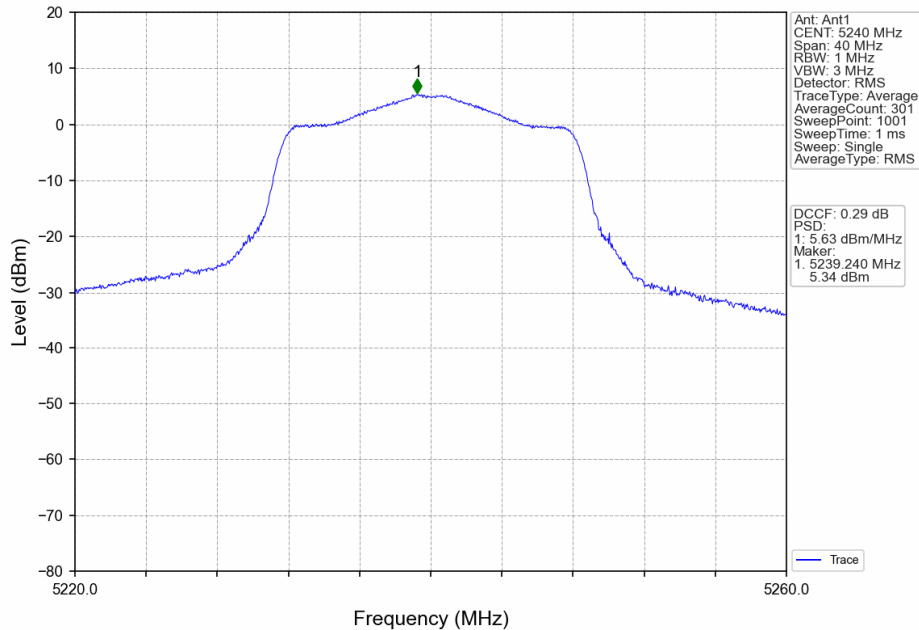
802.11a_MCH_5200MHz_Ant1_NTNV



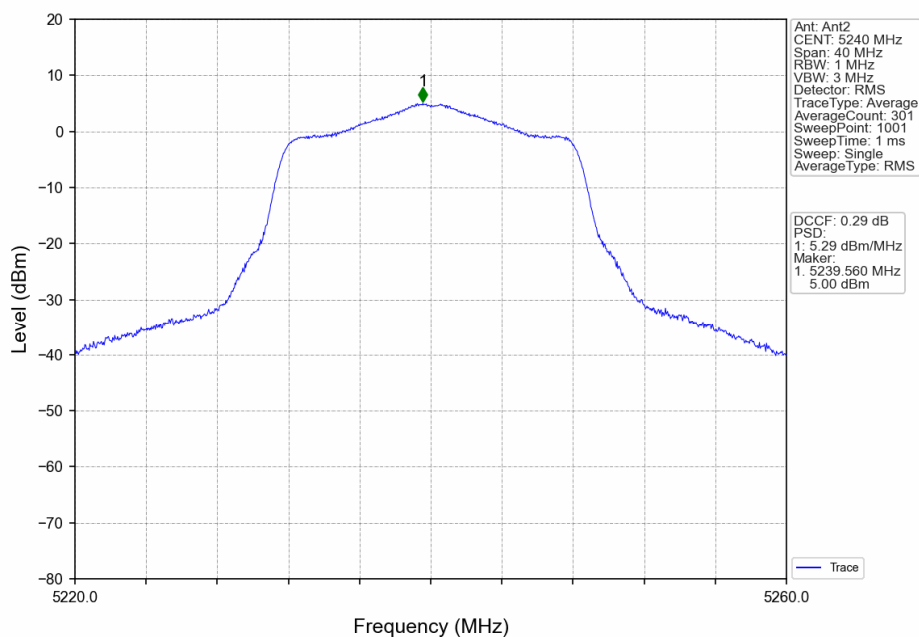
802.11a_MCH_5200MHz_Ant2_NTNV



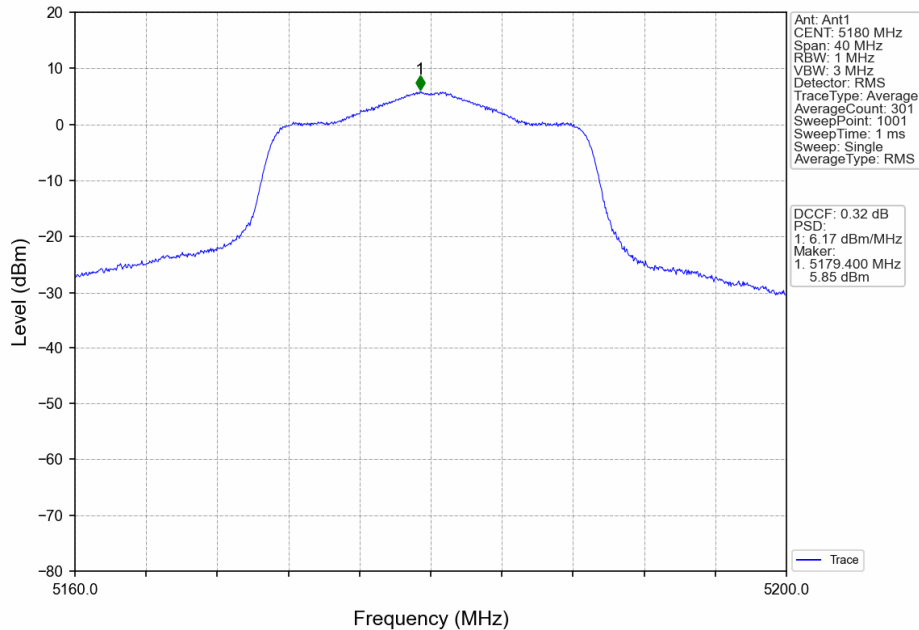
802.11a_HCH_5240MHz_Ant1_NTNV



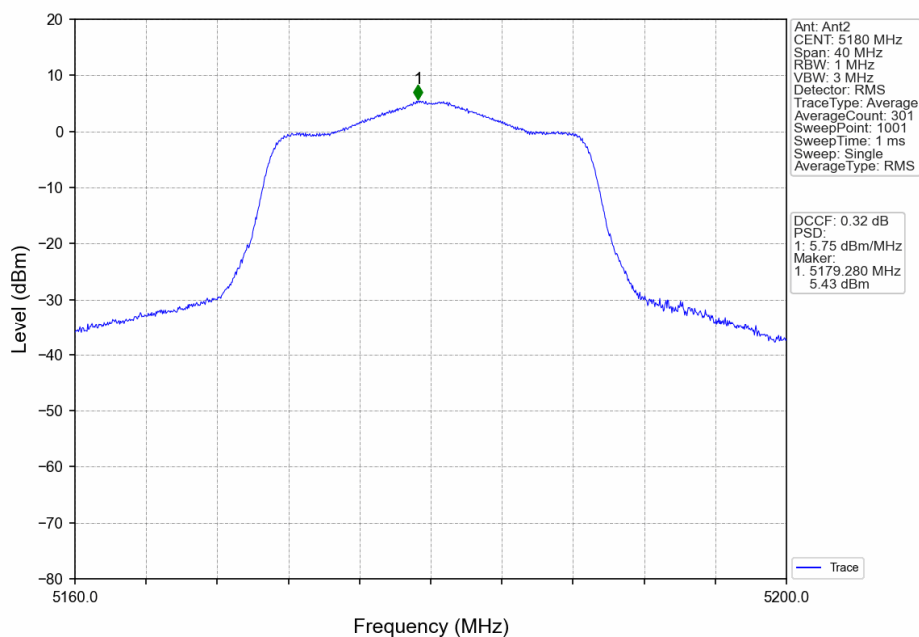
802.11a_HCH_5240MHz_Ant2_NTNV



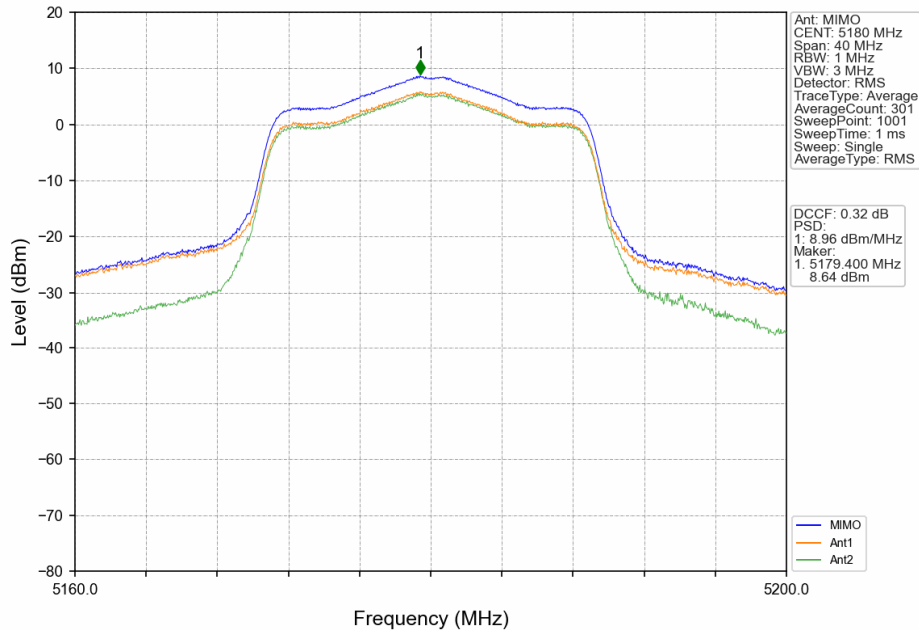
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



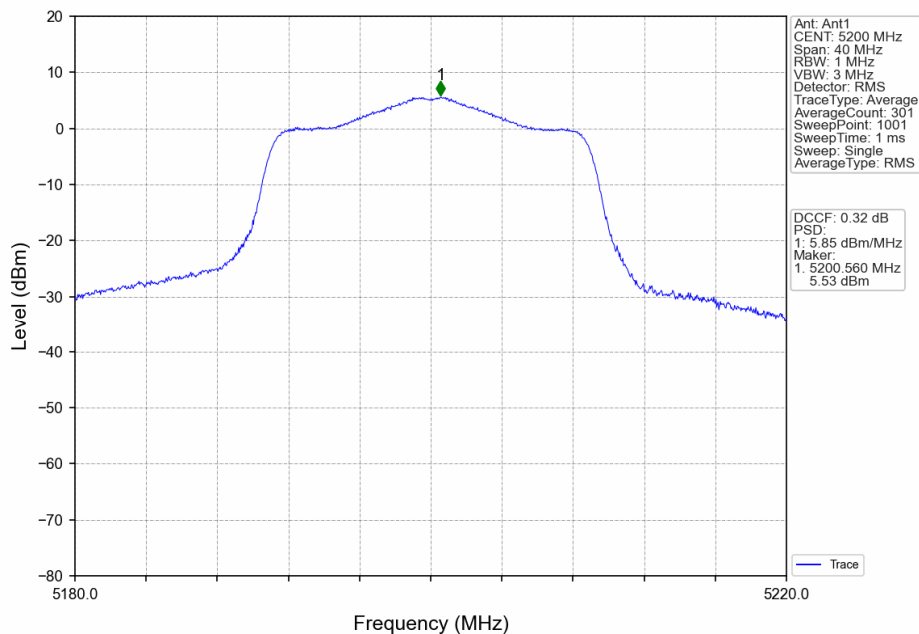
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



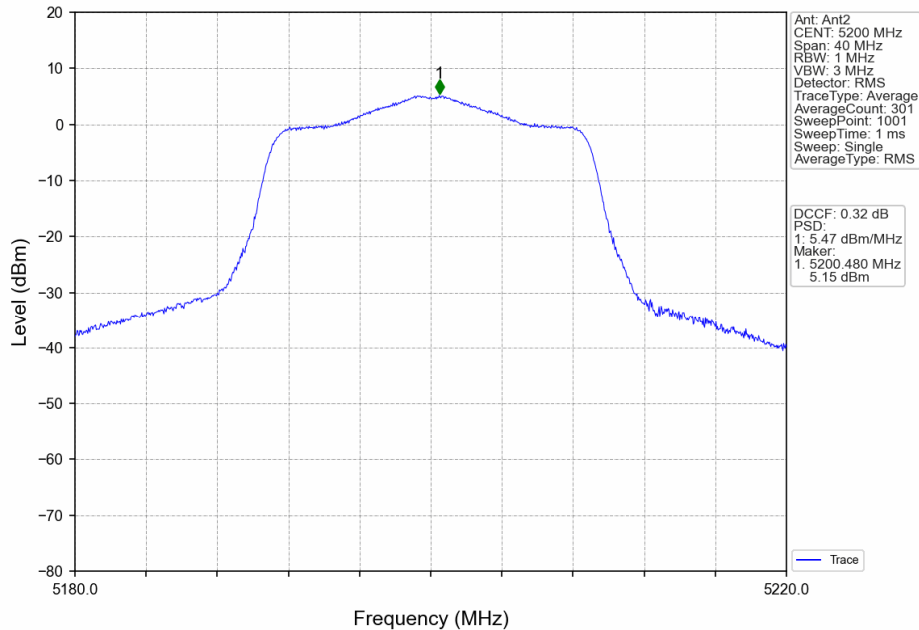
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



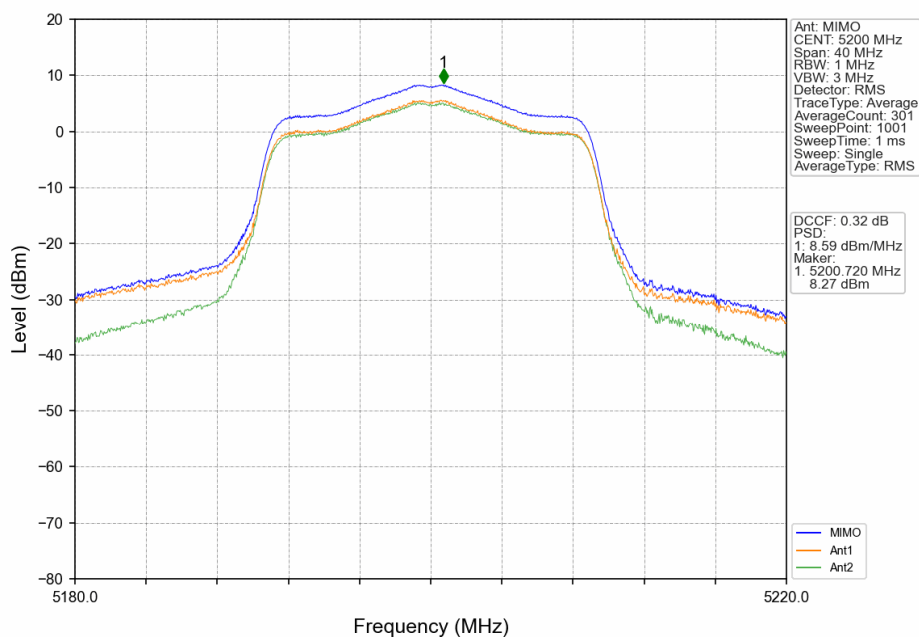
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



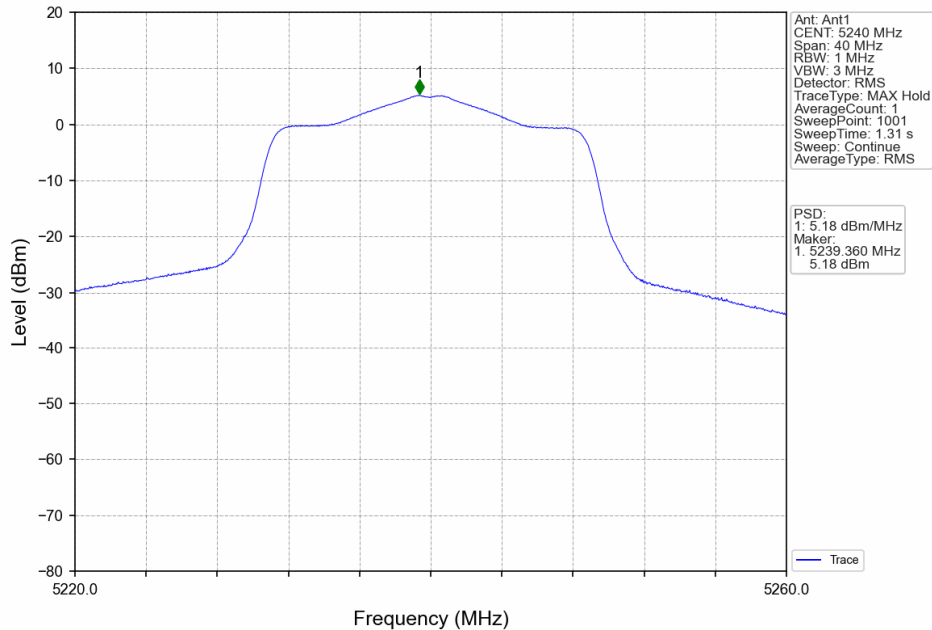
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



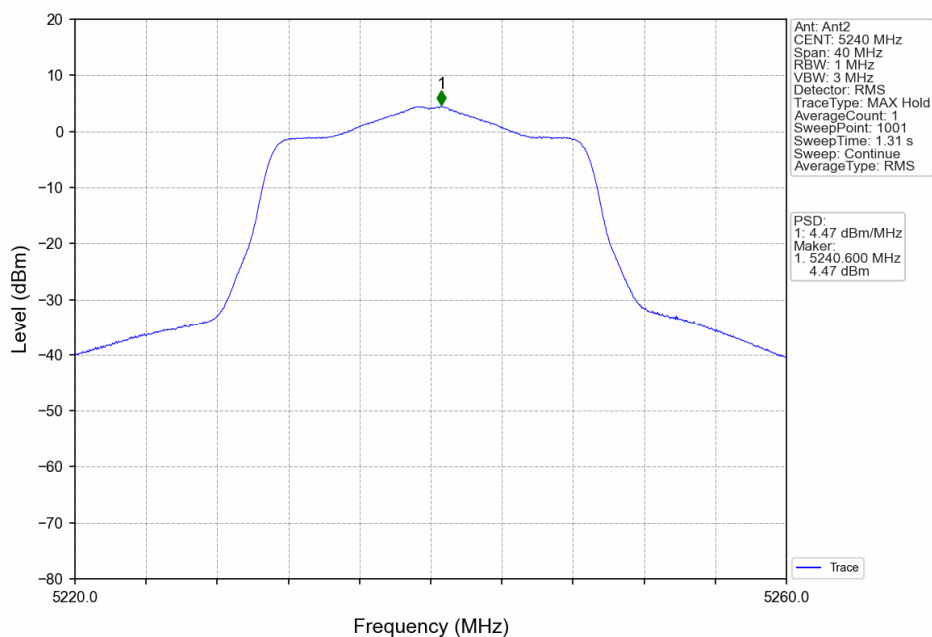
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



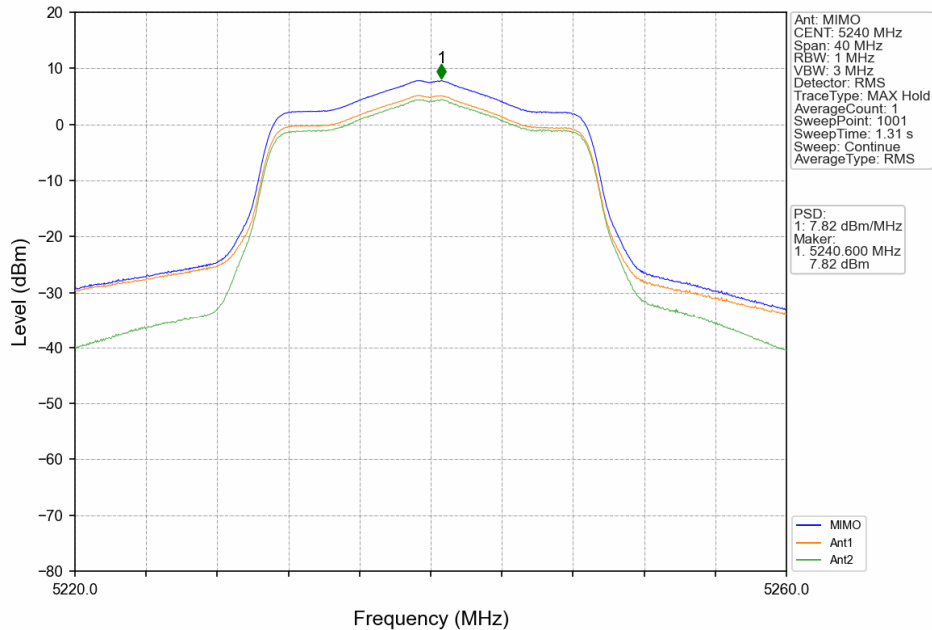
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



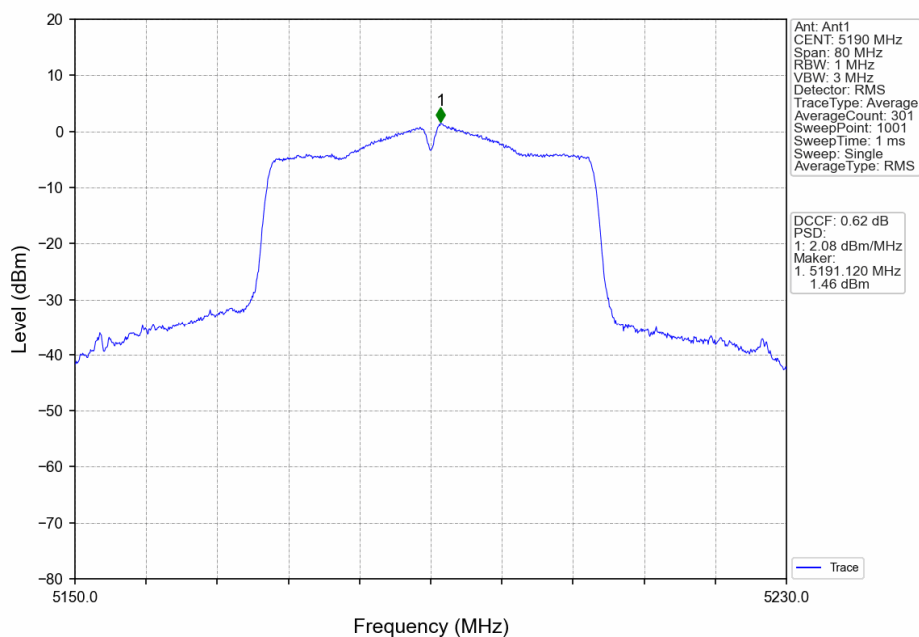
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



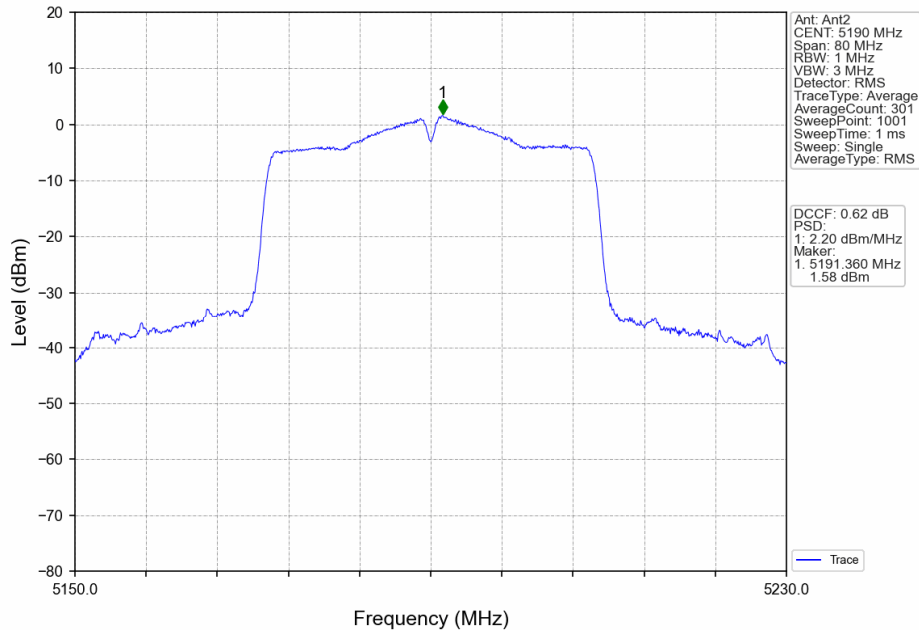
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



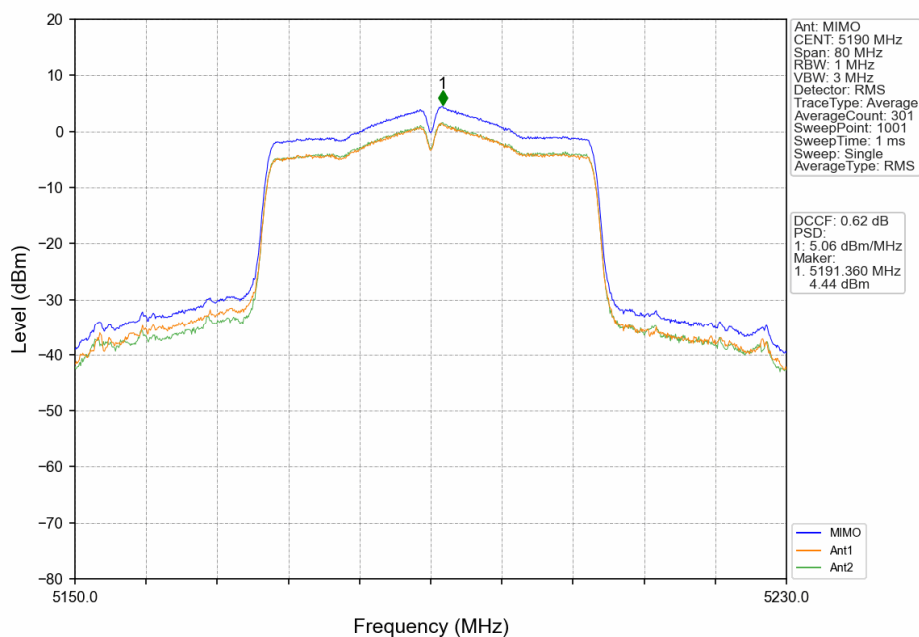
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



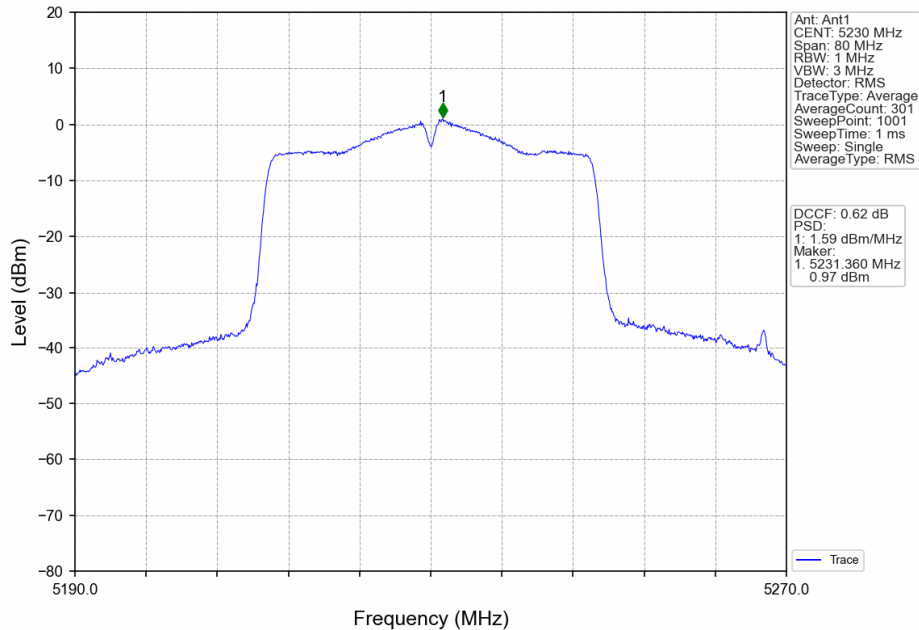
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



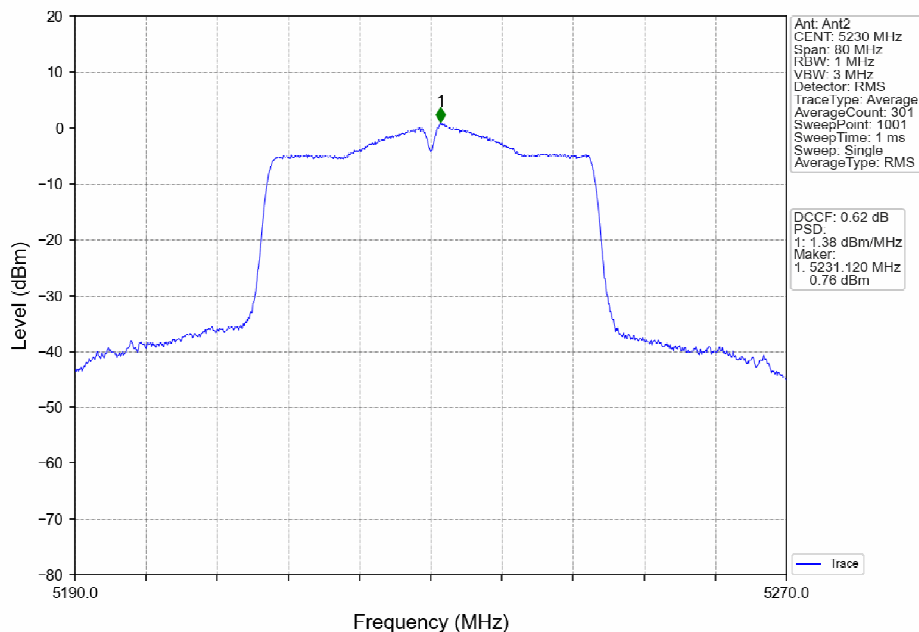
802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



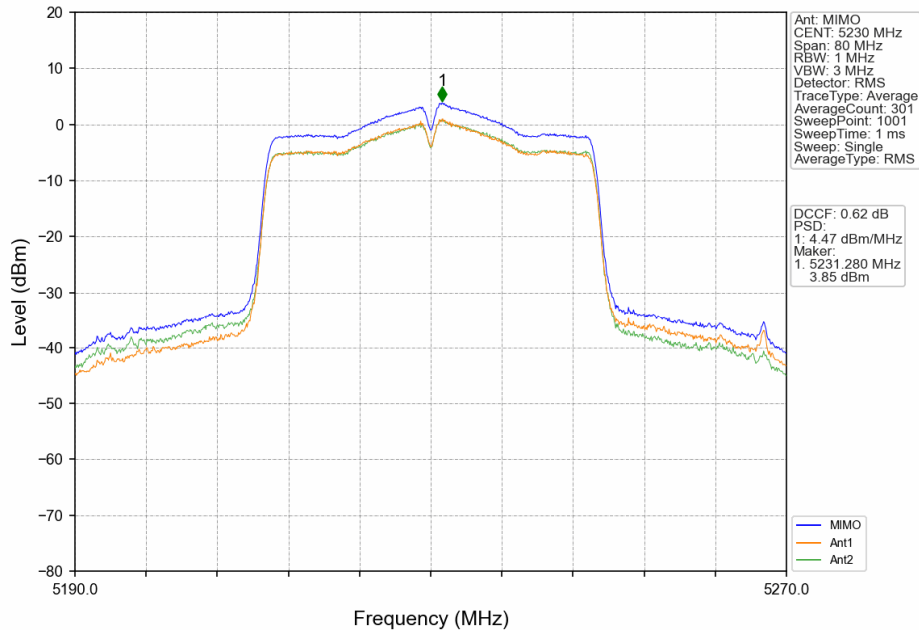
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



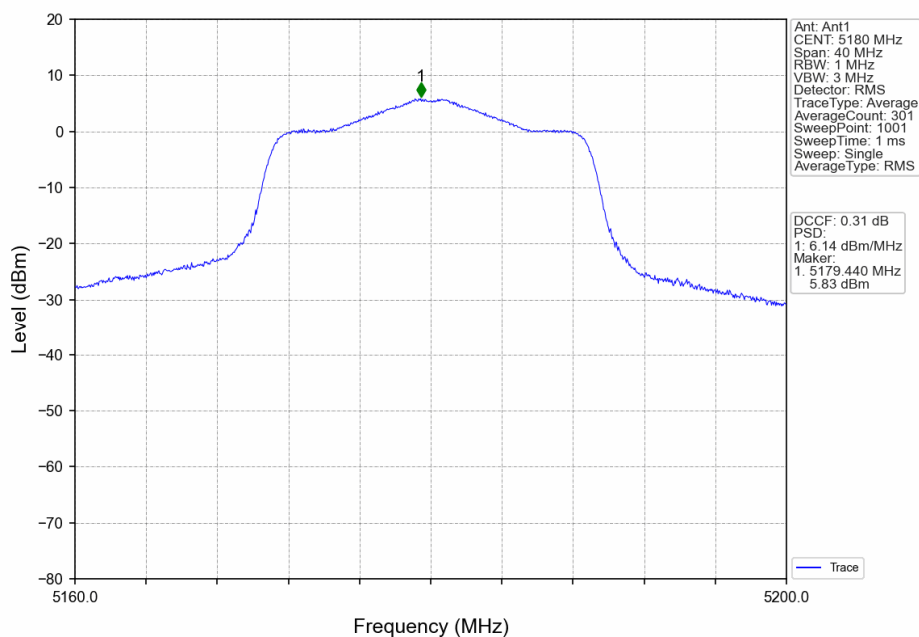
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



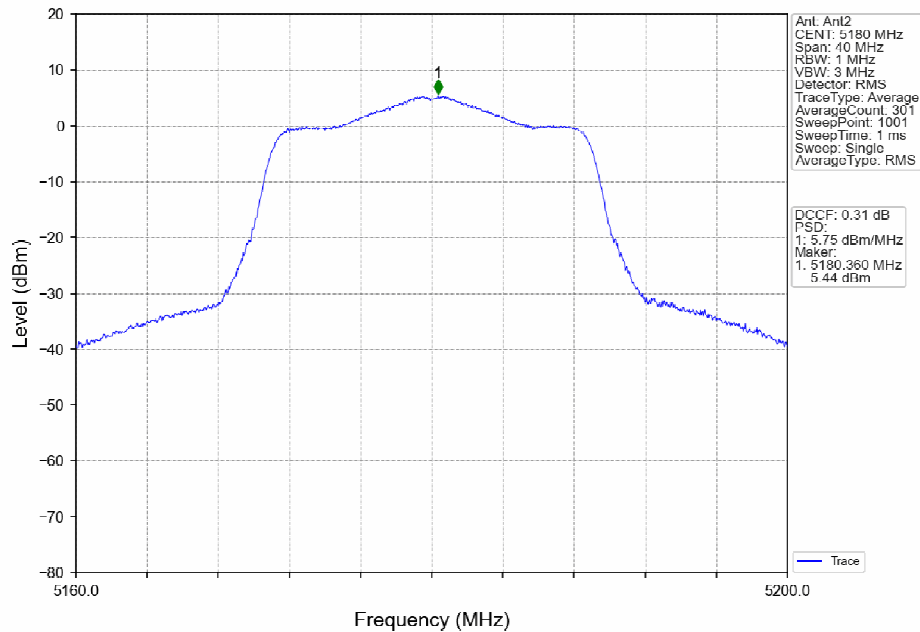
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



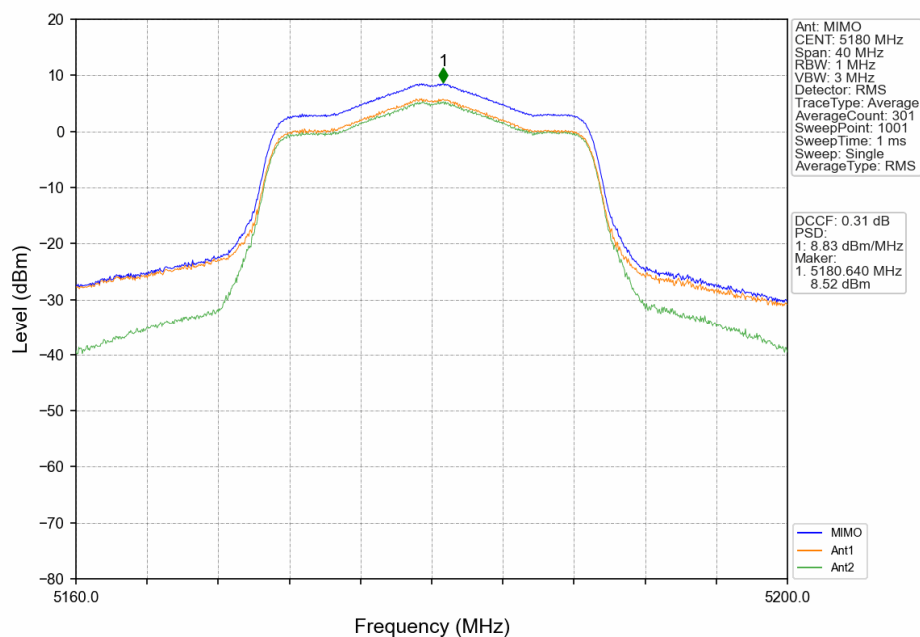
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



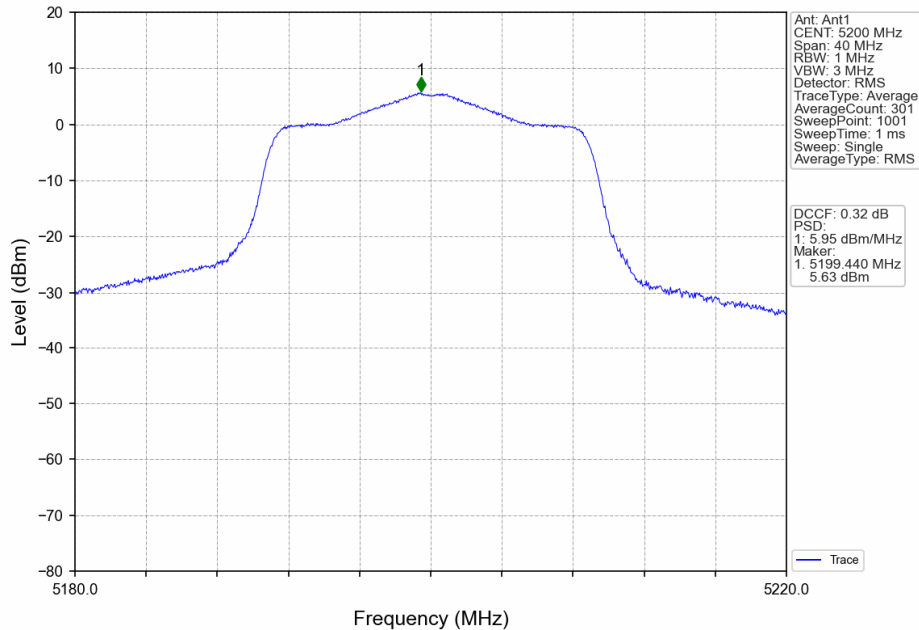
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

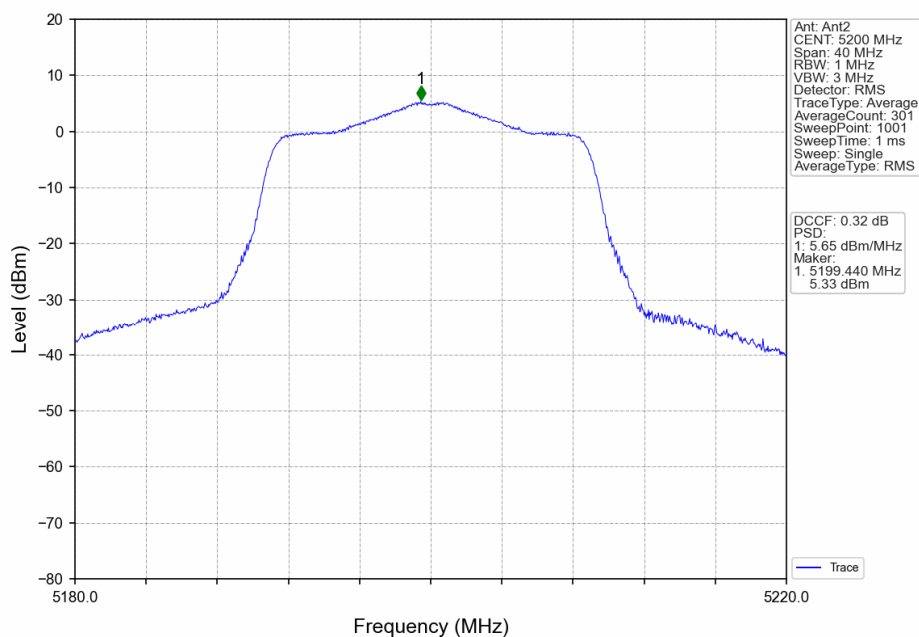
Report No.: SZCR230400091205

Page: 192 of 214

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



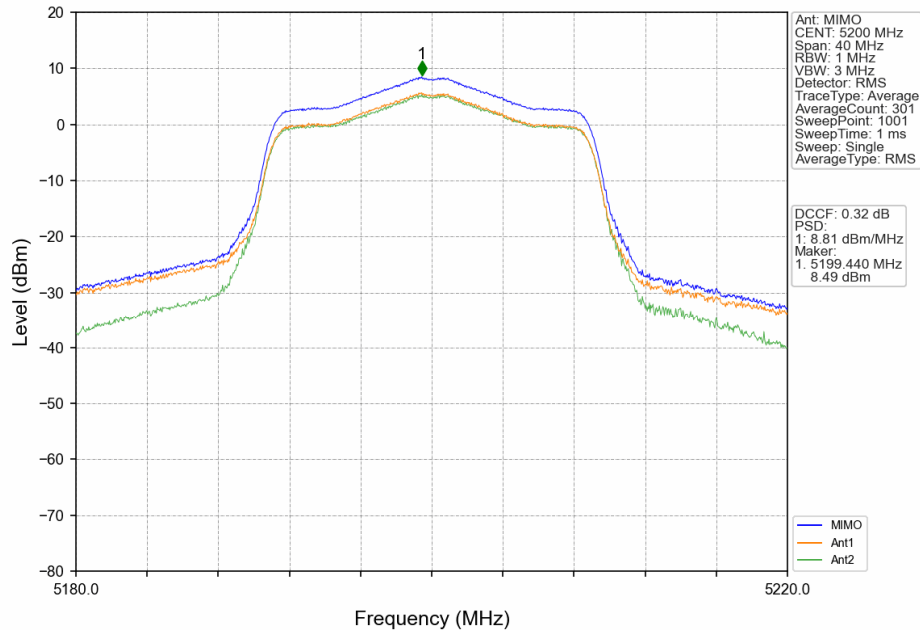
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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.

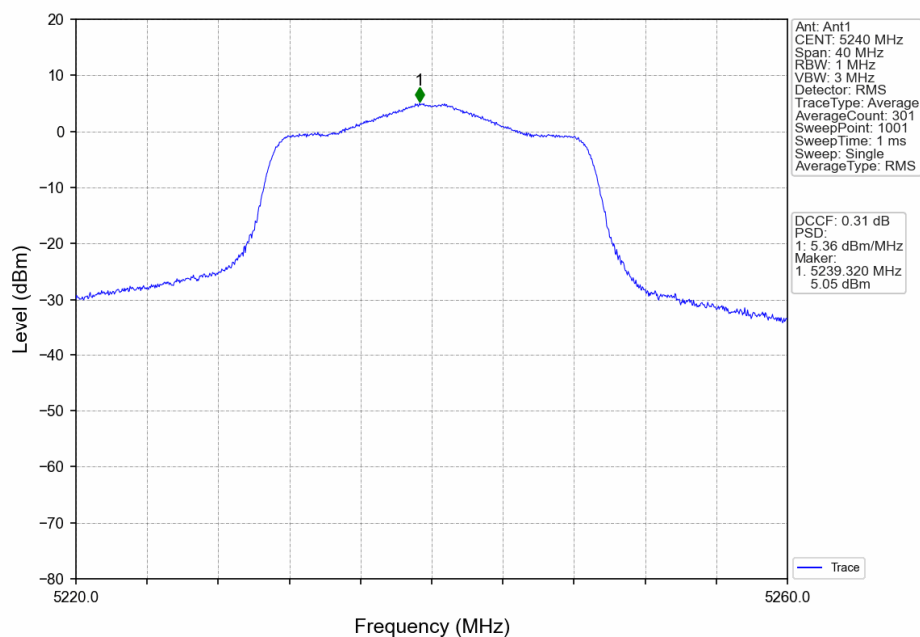
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

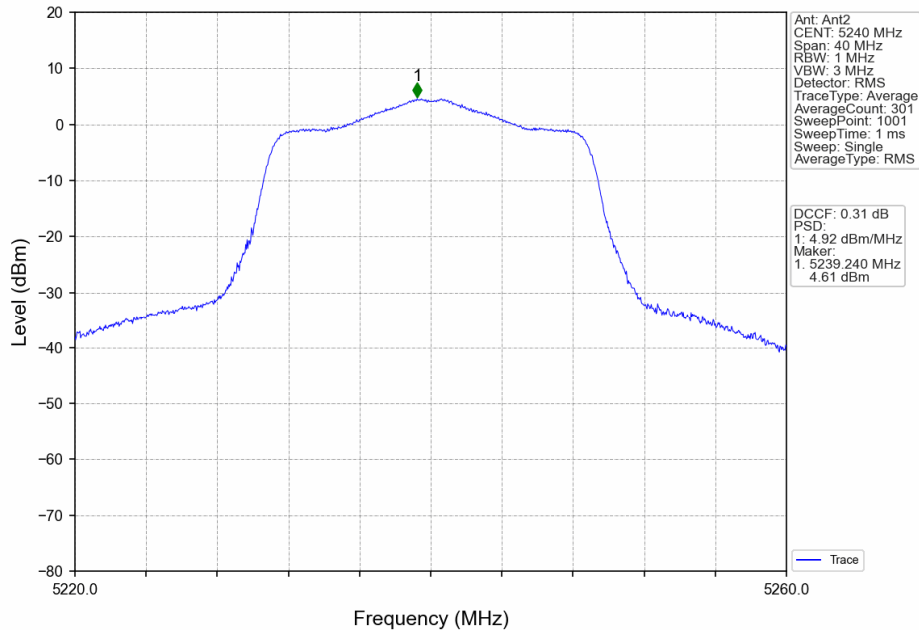
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



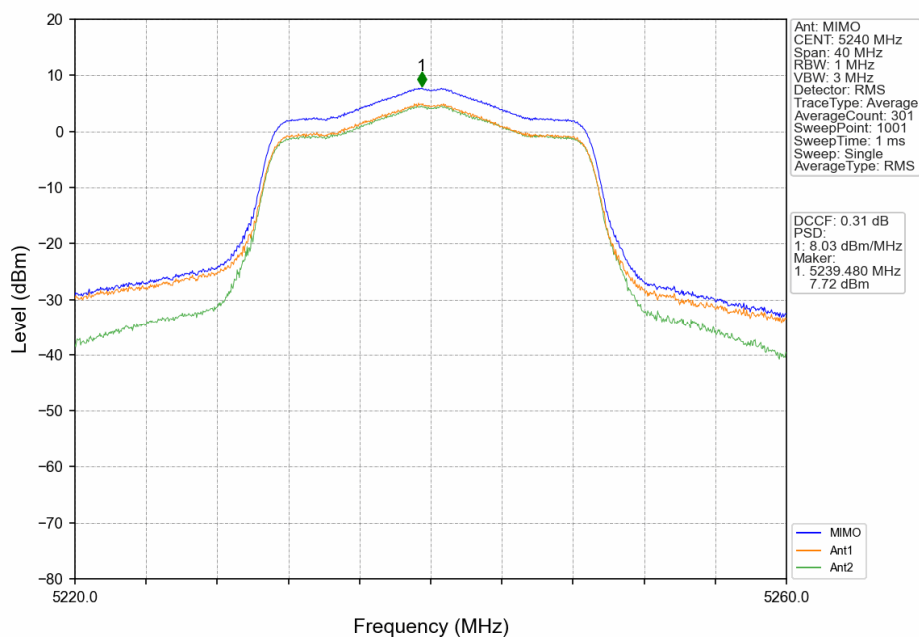
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



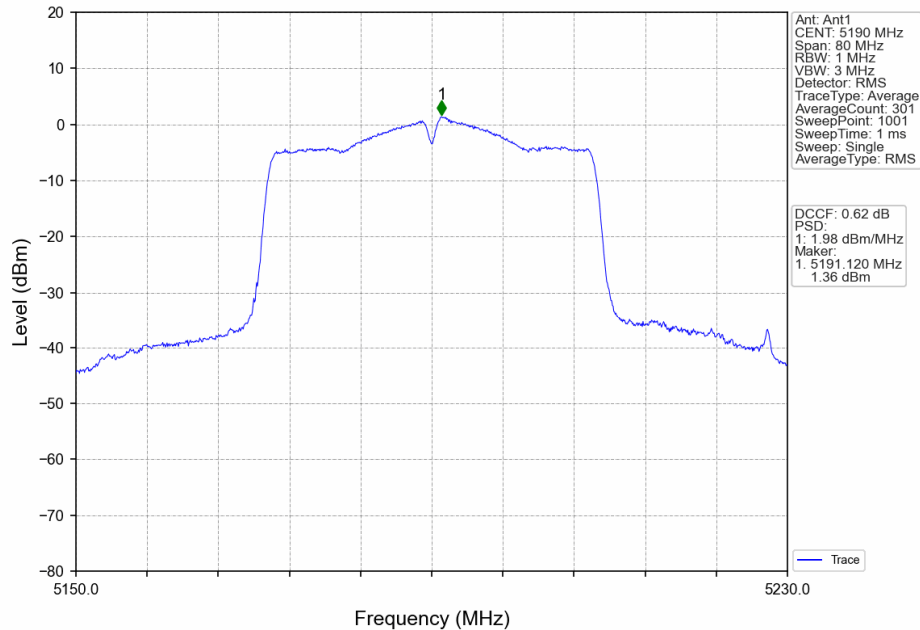
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



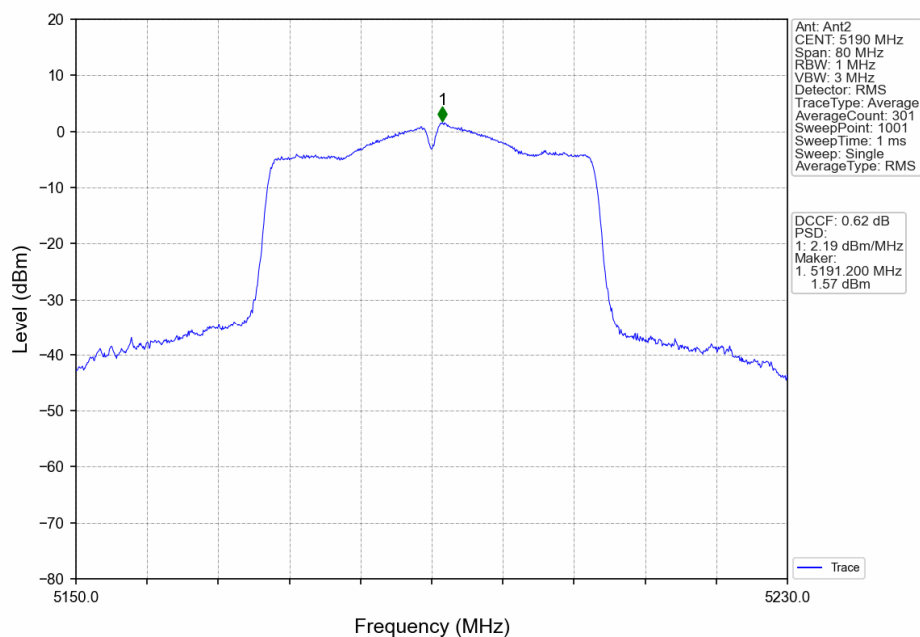
802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



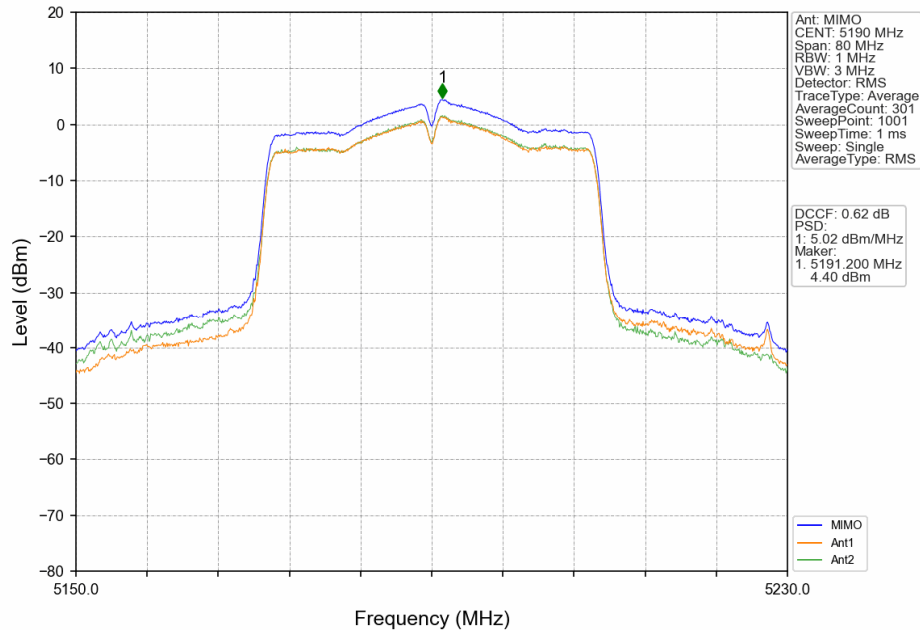
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



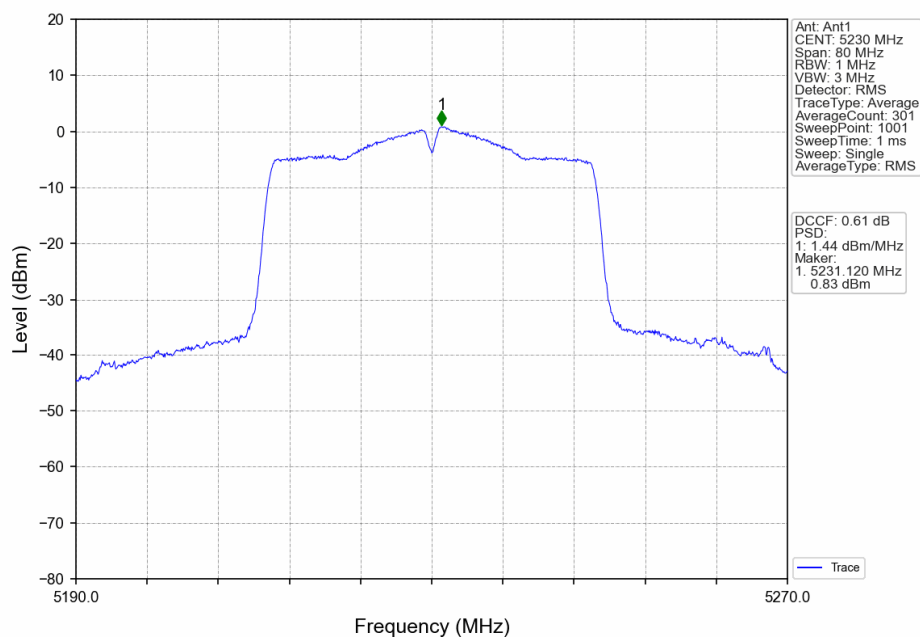
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



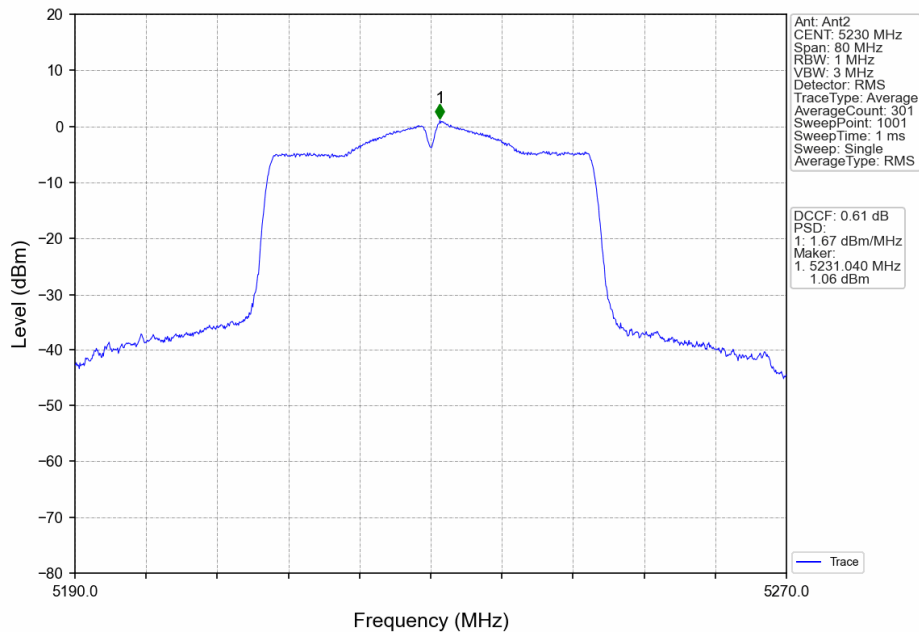
802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



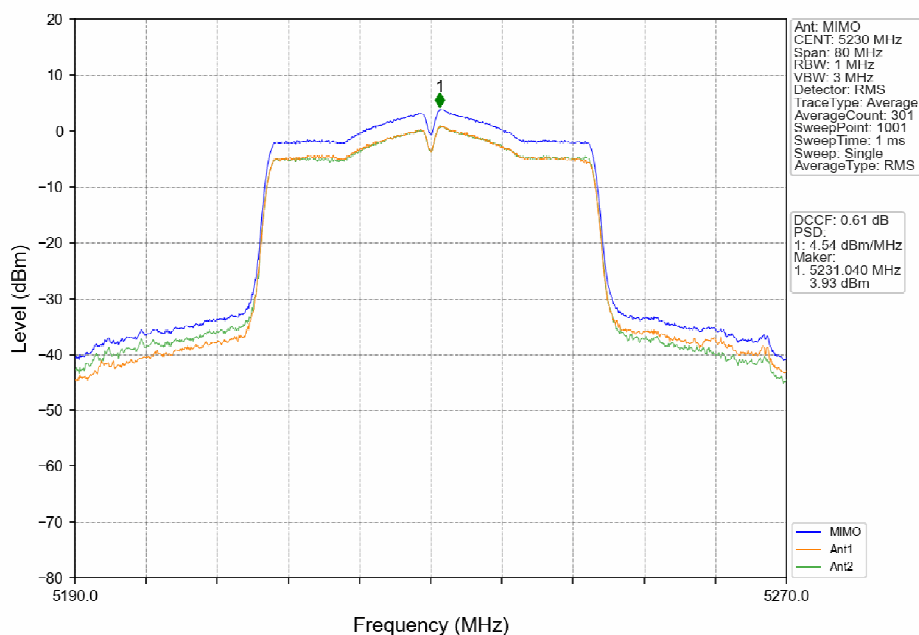
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



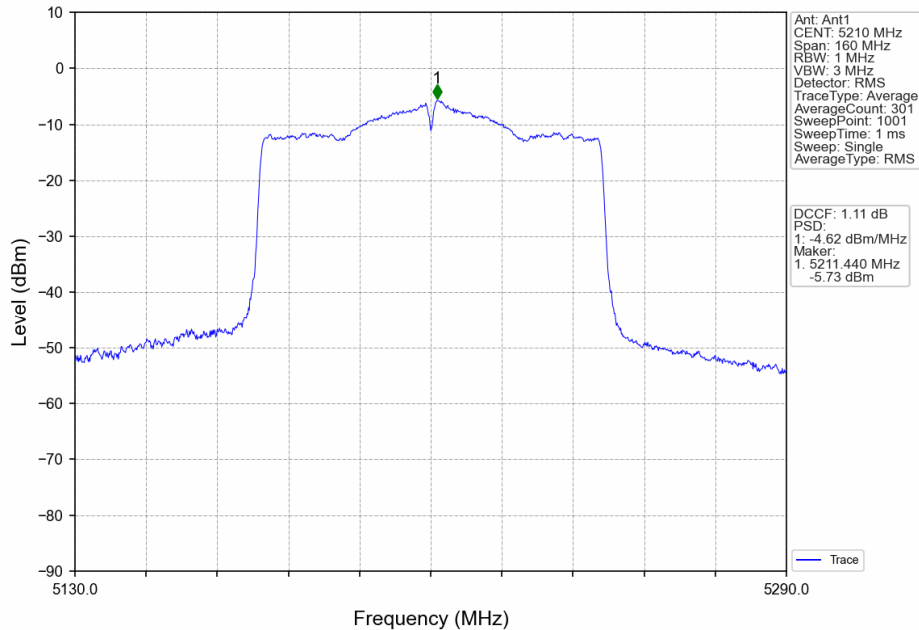
802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



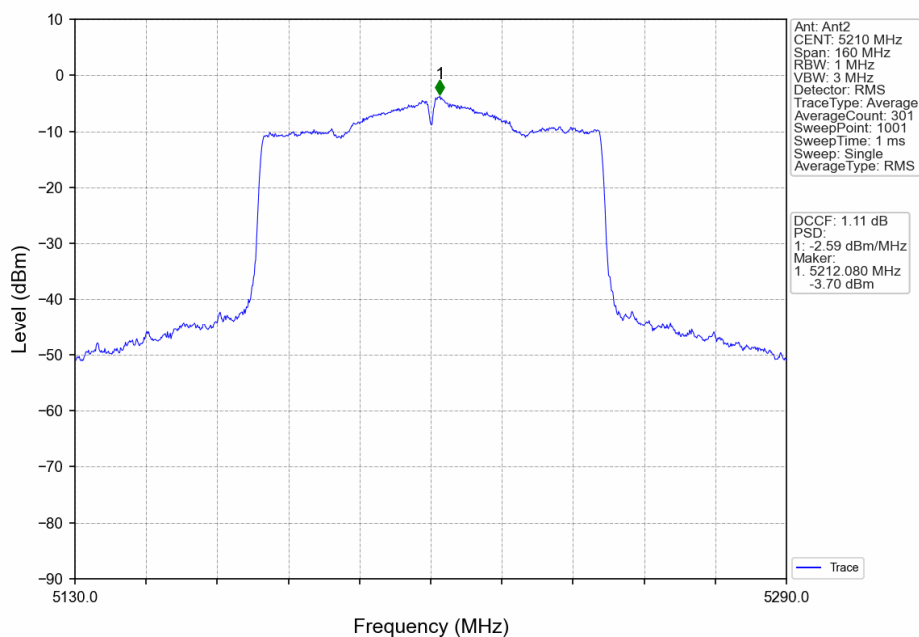
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

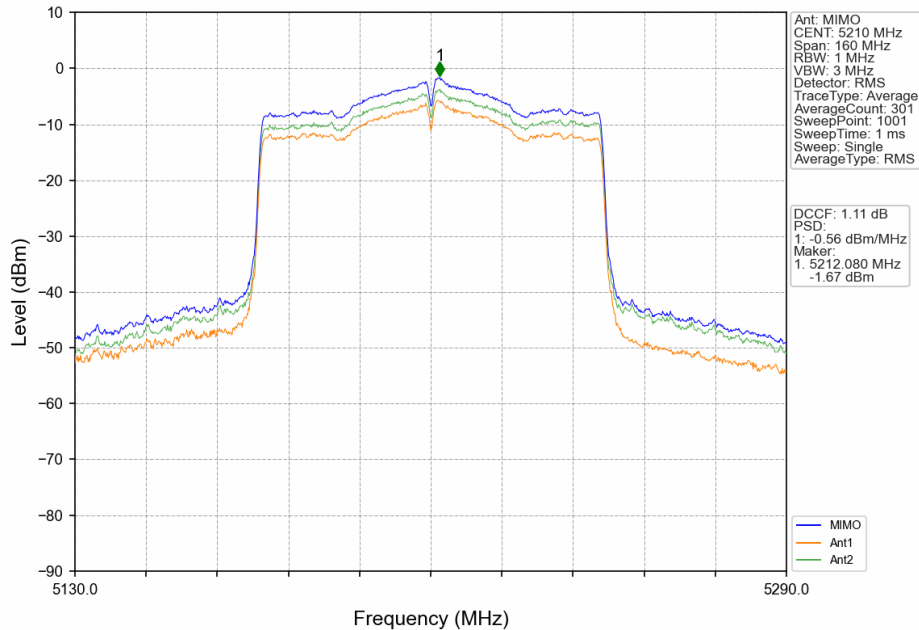
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



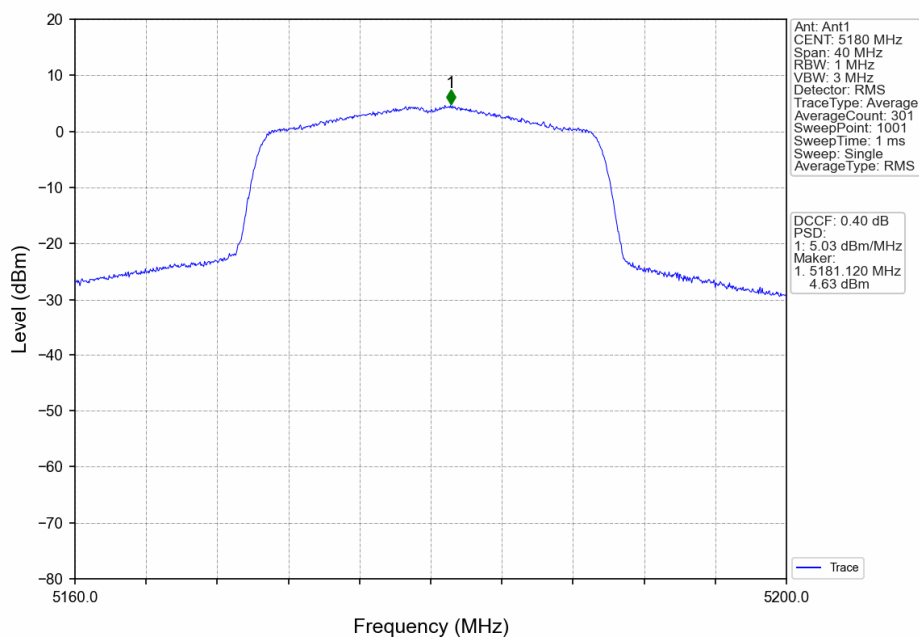
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



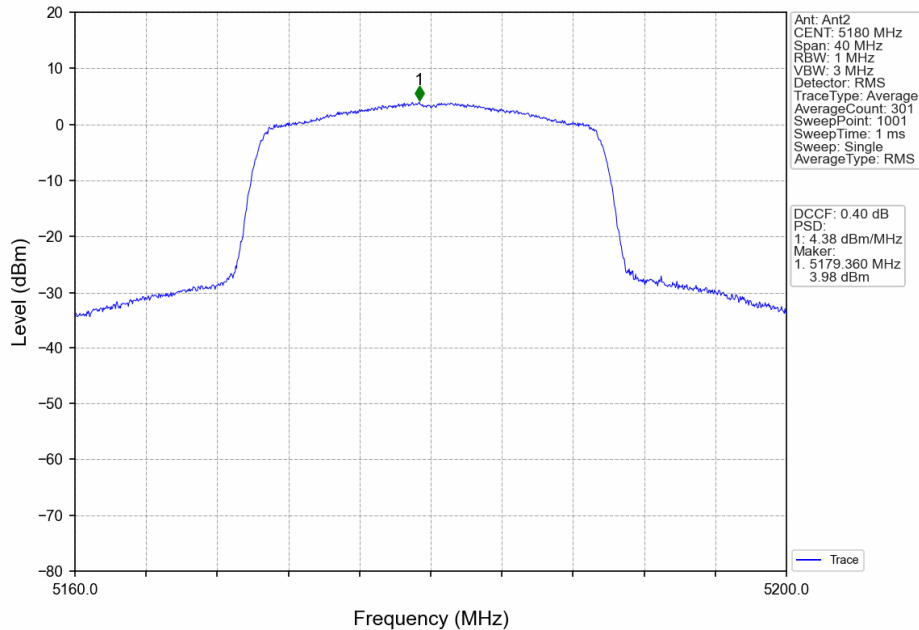
802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV



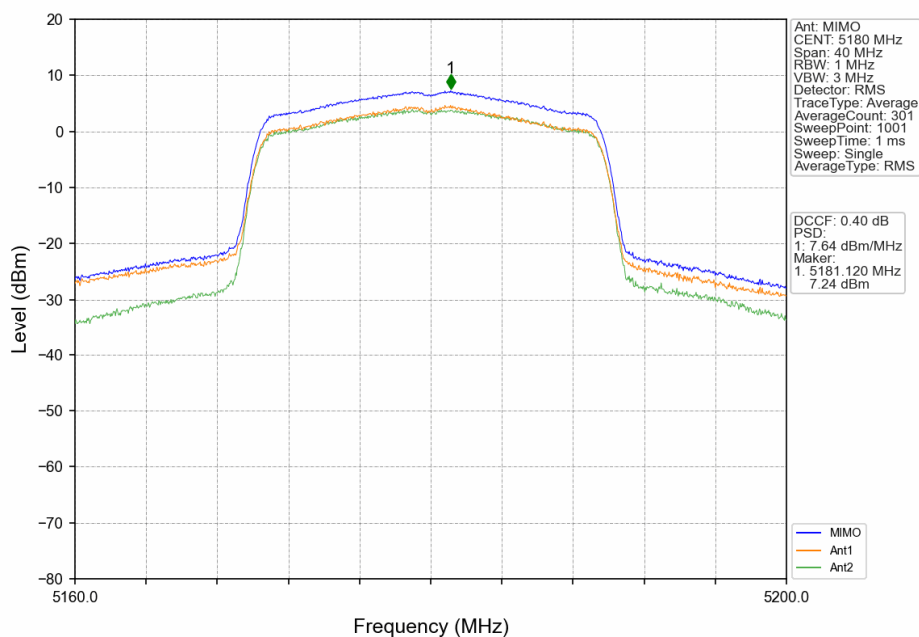
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



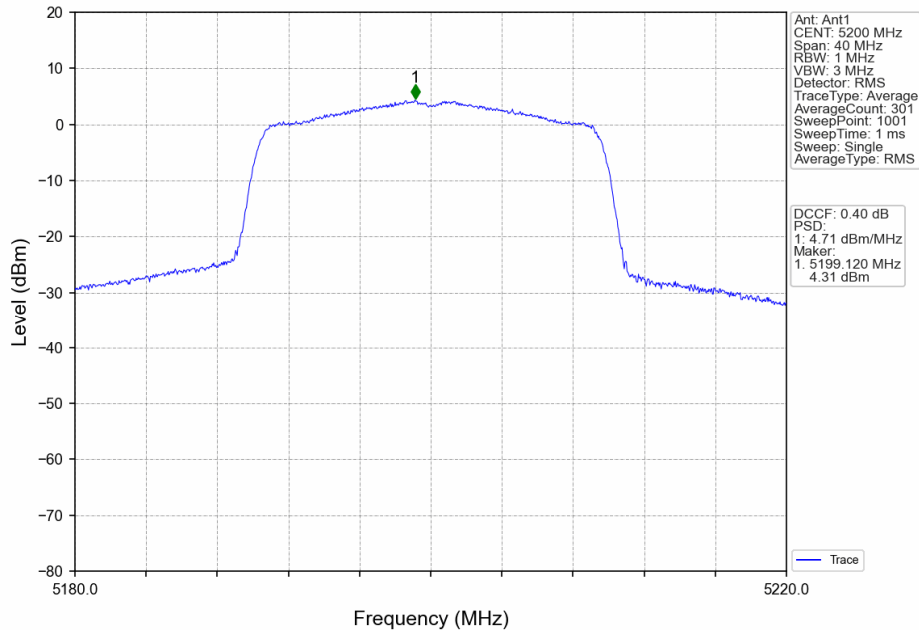
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant2_NTNV



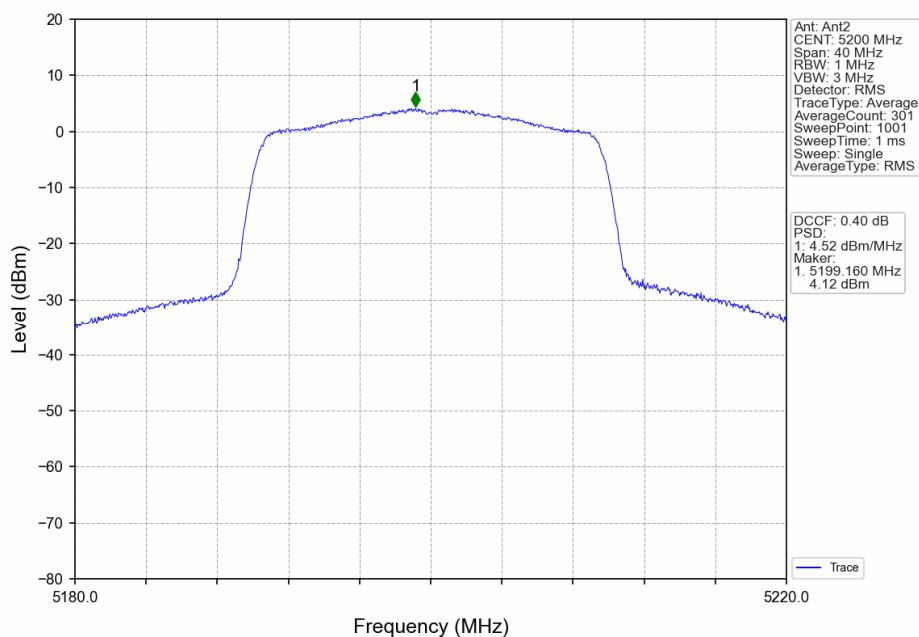
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_MIMO_NTNV



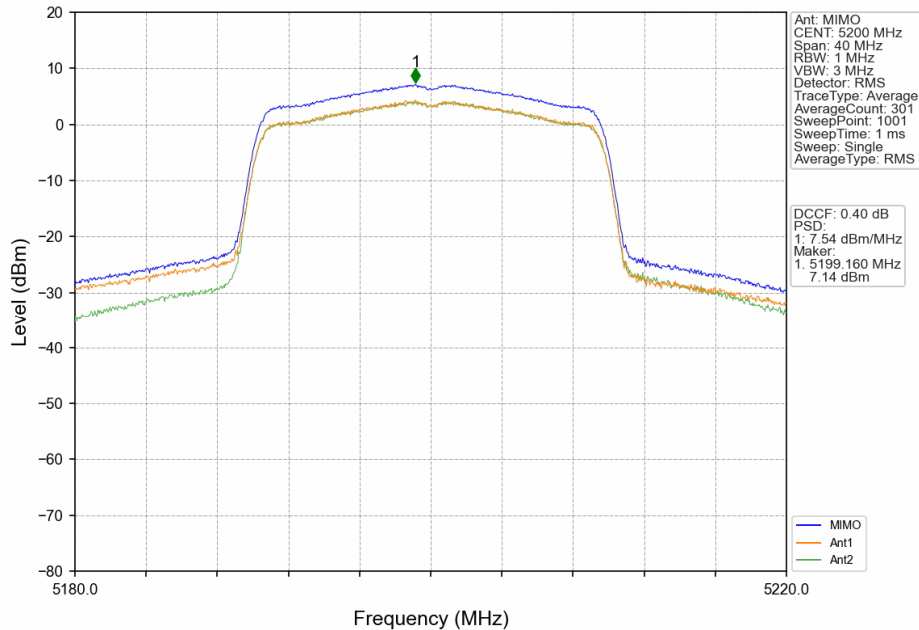
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



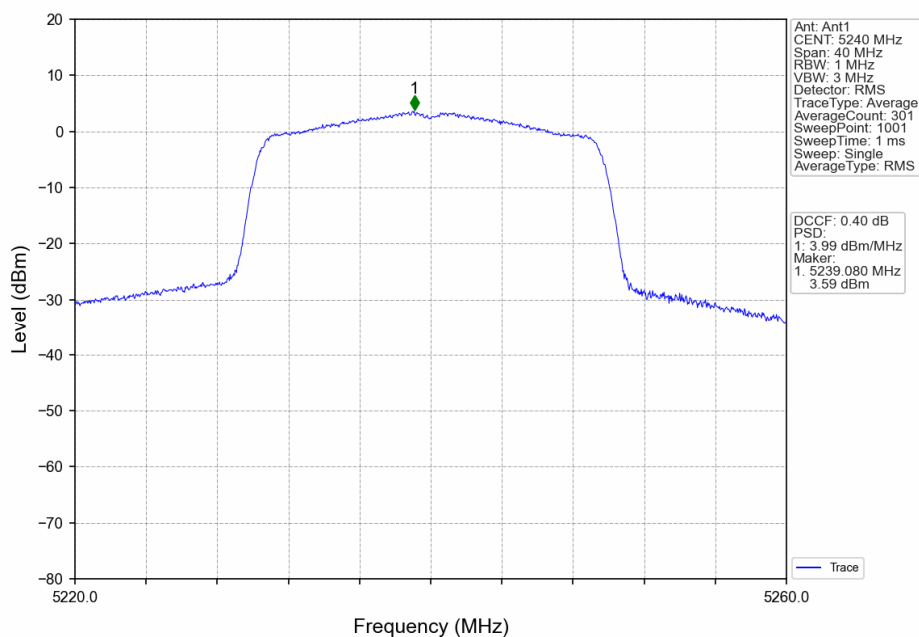
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant2_NTNV



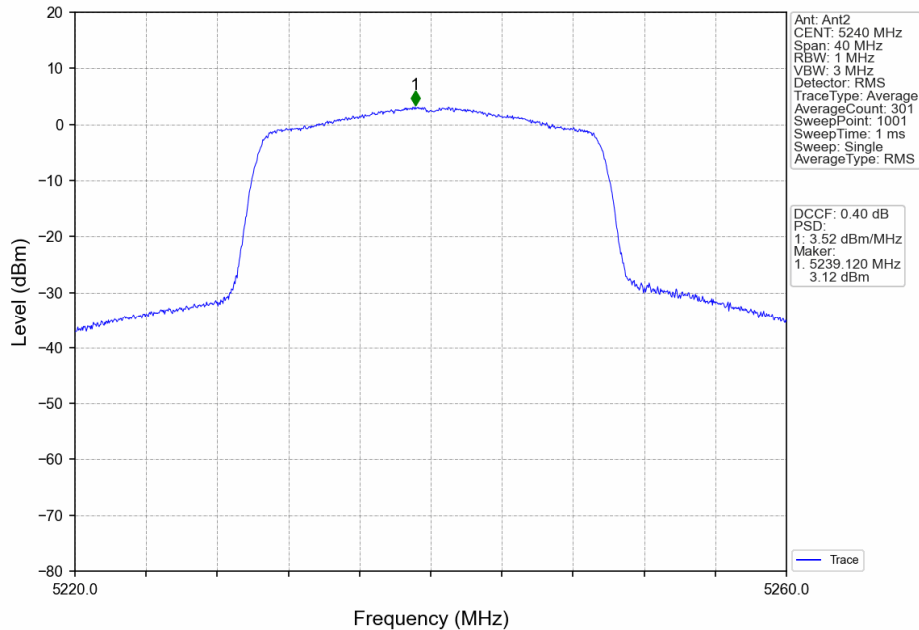
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_MIMO_NTNV



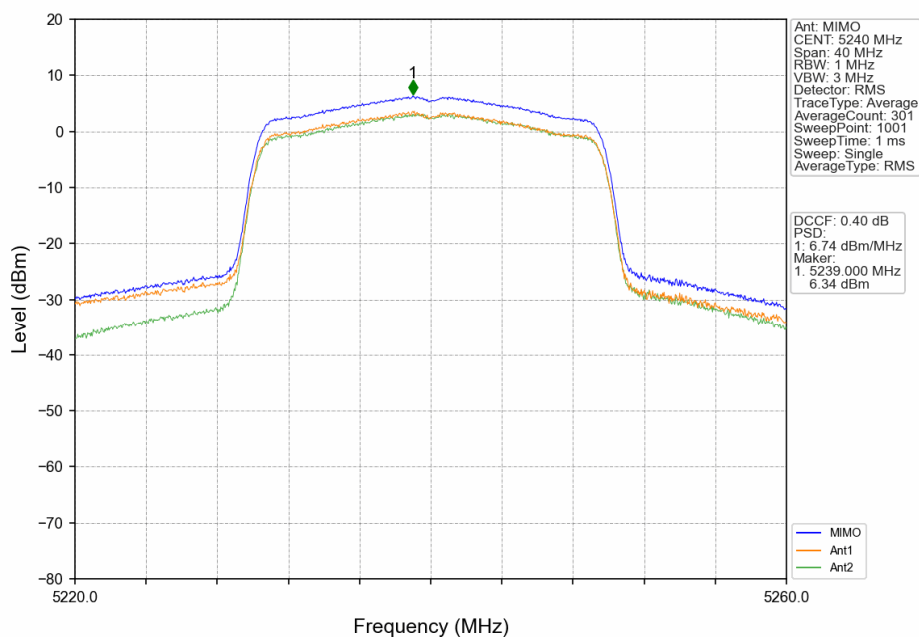
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



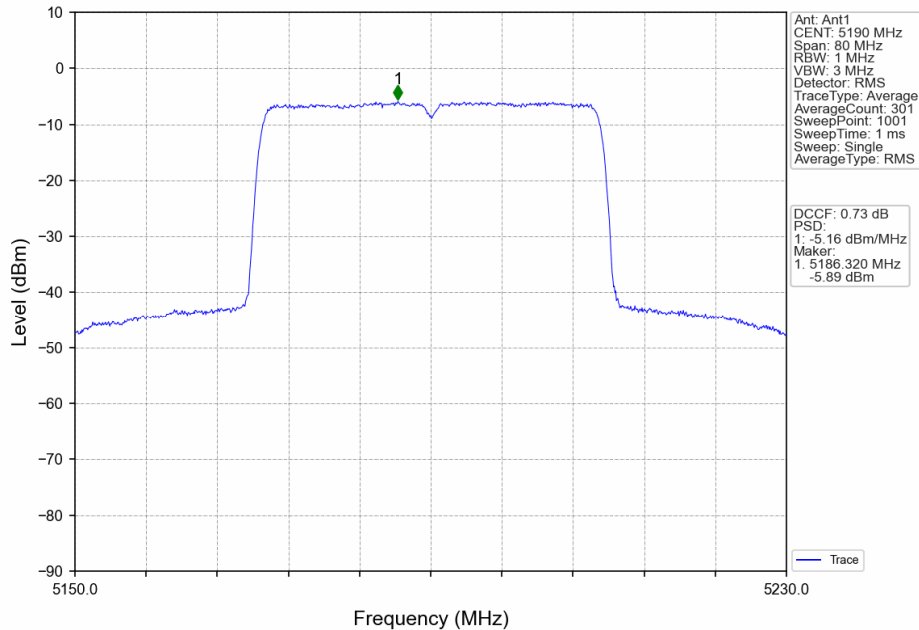
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant2_NTNV



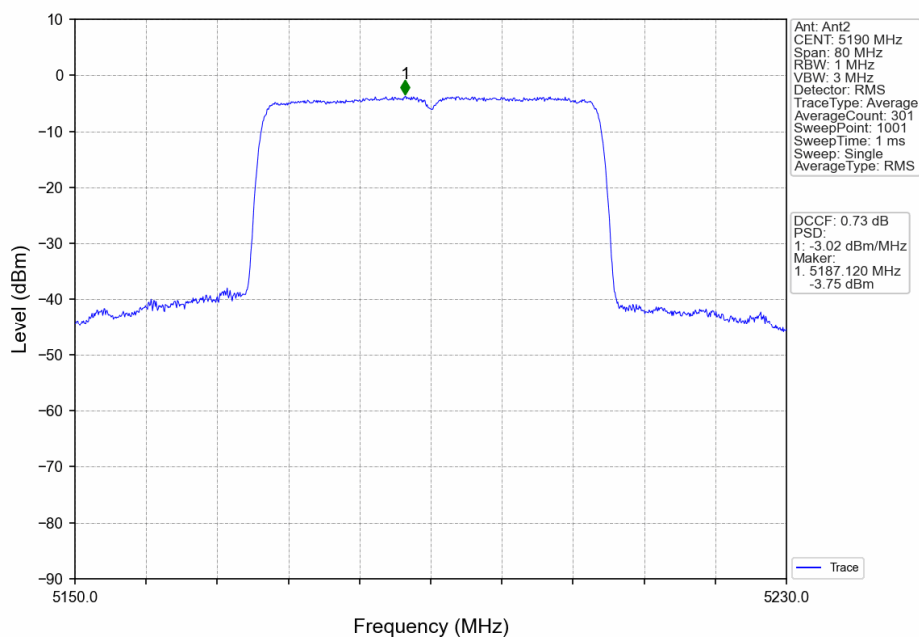
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_MIMO_NTNV



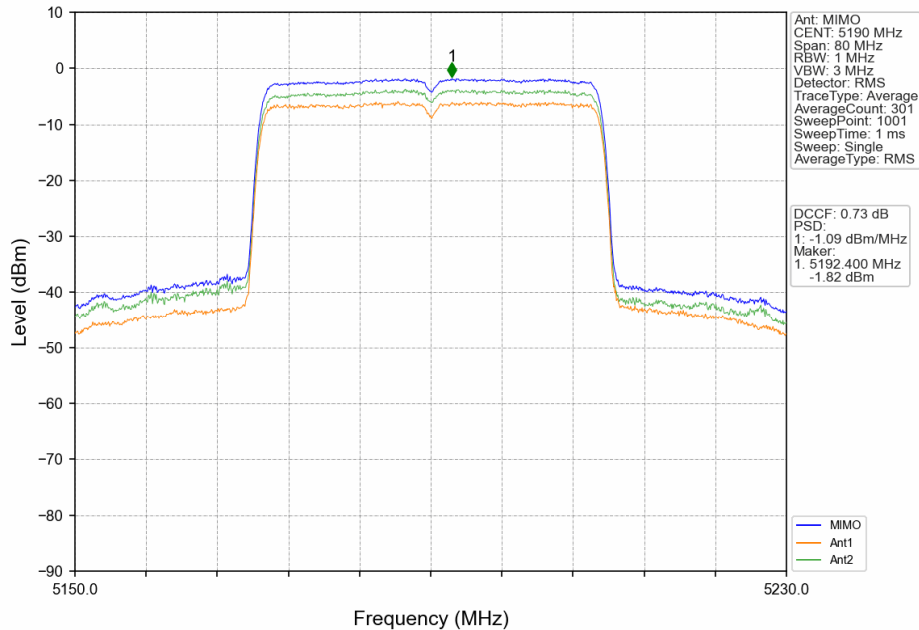
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



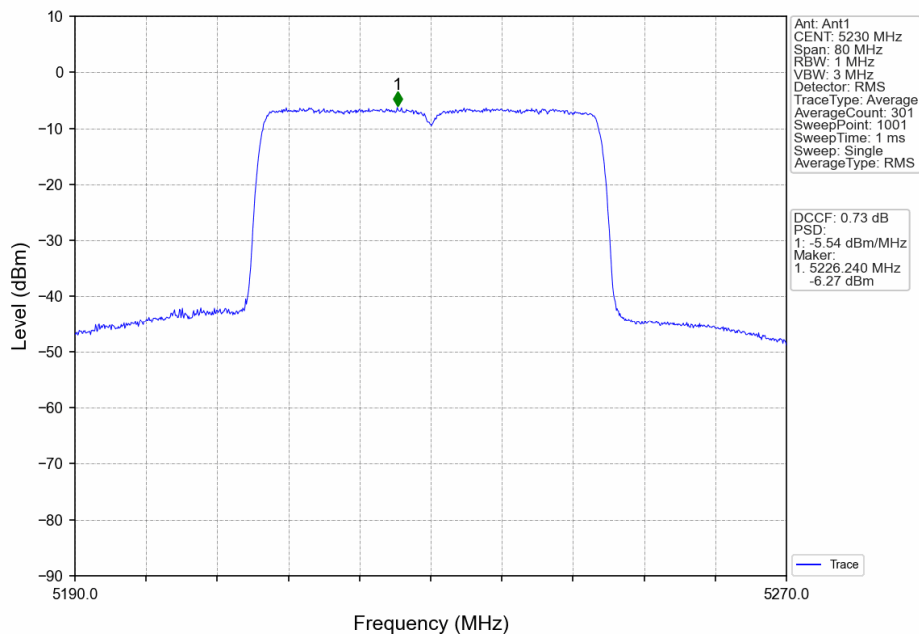
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV



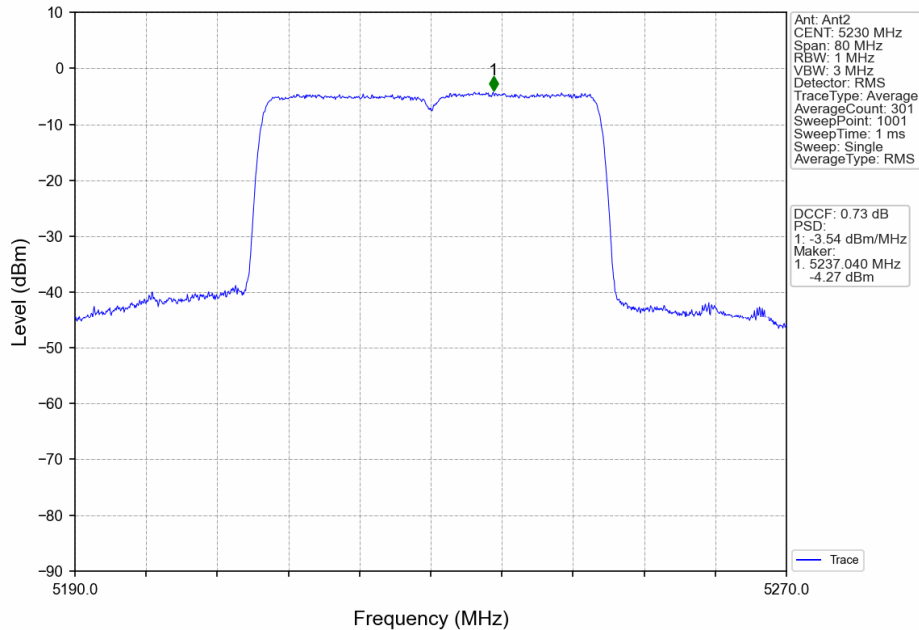
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_MIMO_NTNV



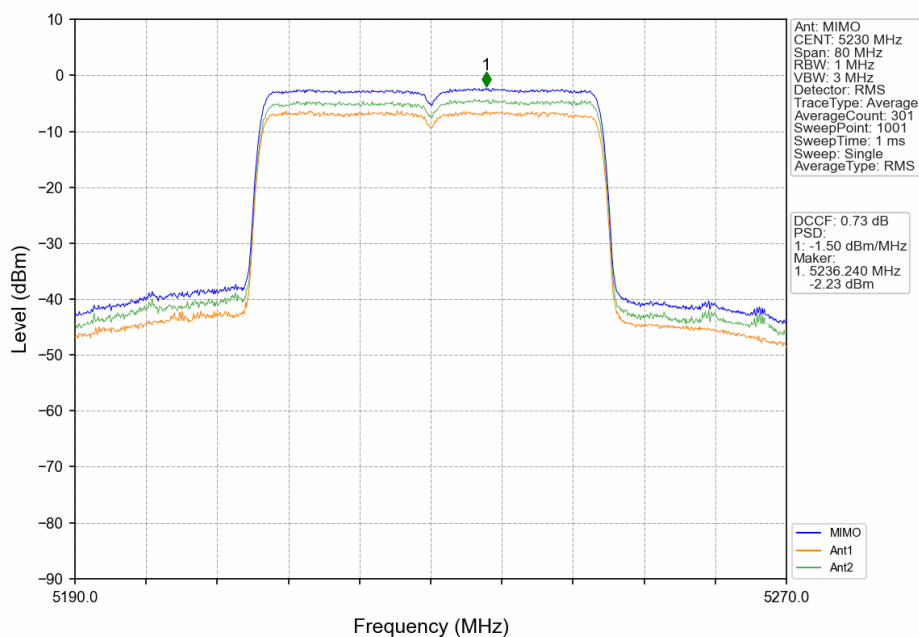
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



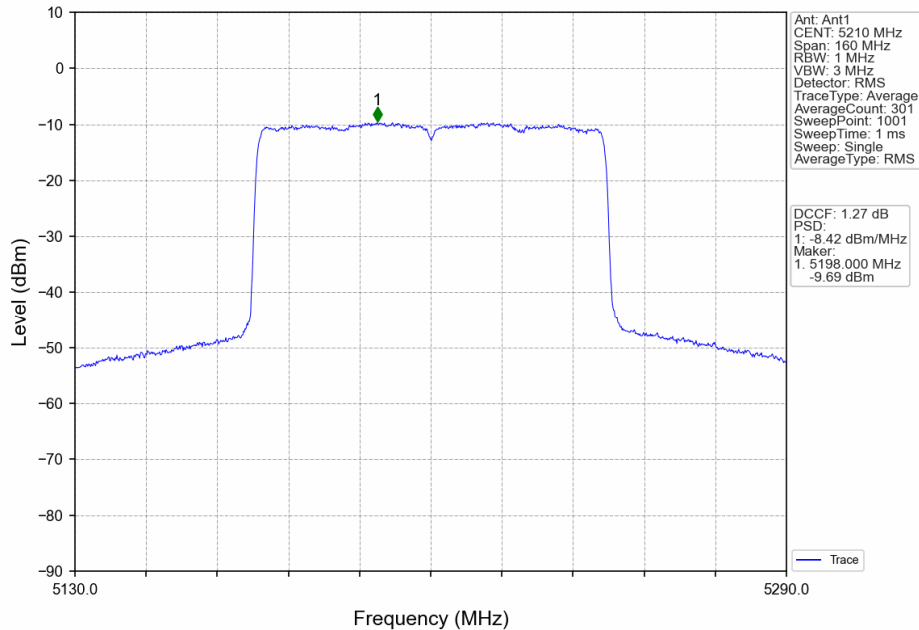
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant2_NTNV



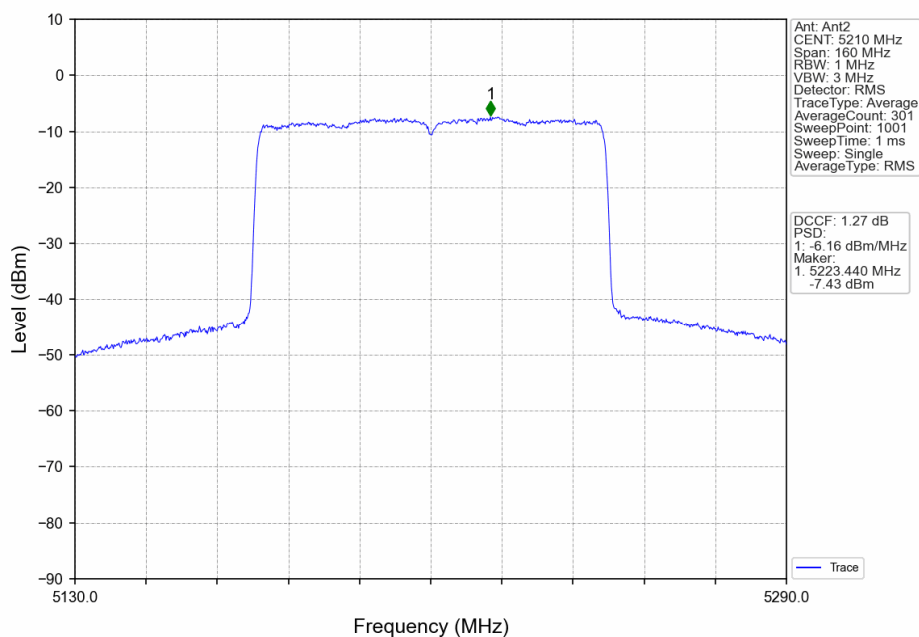
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_MIMO_NTNV



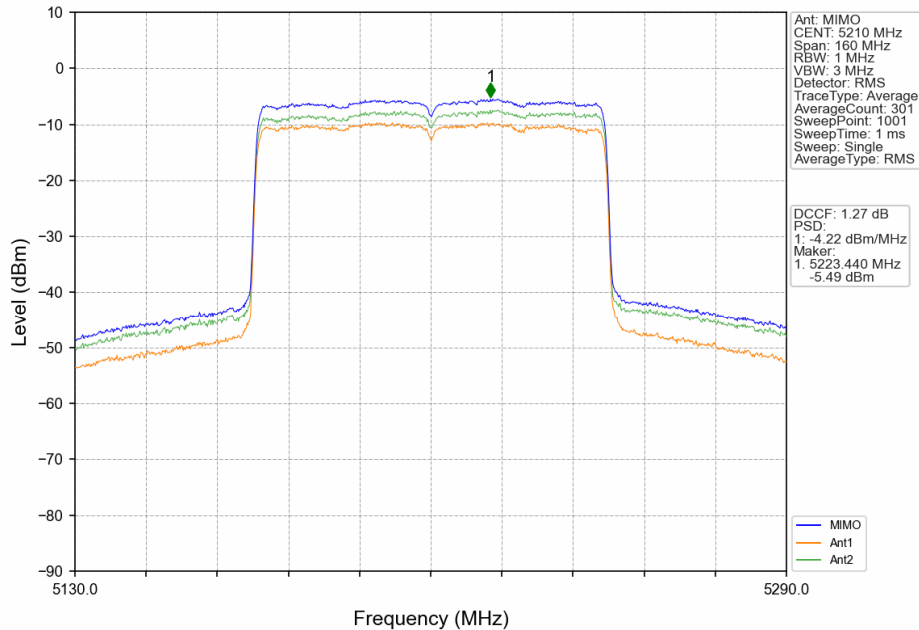
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant2_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_MIMO_NTNV



5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	102	5180.000	5150 to 5250	Pass
						120	5180.020	5150 to 5250	Pass
						138	5180.040	5150 to 5250	Pass
					-30	120	5179.980	5150 to 5250	Pass
					-20	120	5179.980	5150 to 5250	Pass
					-10	120	5179.980	5150 to 5250	Pass
					0	120	5179.960	5150 to 5250	Pass
					10	120	5180.020	5150 to 5250	Pass
					30	120	5179.980	5150 to 5250	Pass
					40	120	5180.020	5150 to 5250	Pass
					50	120	5179.960	5150 to 5250	Pass
		5200	/	/	20	102	5200.020	5150 to 5250	Pass
						120	5200.000	5150 to 5250	Pass
						138	5199.980	5150 to 5250	Pass
					-30	120	5199.980	5150 to 5250	Pass
					-20	120	5199.980	5150 to 5250	Pass
					-10	120	5199.960	5150 to 5250	Pass
					0	120	5200.000	5150 to 5250	Pass
					10	120	5199.980	5150 to 5250	Pass
					30	120	5200.020	5150 to 5250	Pass
					40	120	5200.000	5150 to 5250	Pass
					50	120	5200.000	5150 to 5250	Pass
		5240	/	/	20	102	5240.000	5150 to 5250	Pass
						120	5240.020	5150 to 5250	Pass
						138	5239.980	5150 to 5250	Pass
					-30	120	5239.980	5150 to 5250	Pass
					-20	120	5239.980	5150 to 5250	Pass
					-10	120	5239.980	5150 to 5250	Pass
					0	120	5239.980	5150 to 5250	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-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) 8307 1443, or email: CN.Doccheck@sgs.com

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

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400091205

Page: 210 of 214

					10	120	5240.000	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.000	5150 to 5250	Pass
					50	120	5239.980	5150 to 5250	Pass
802.11n (HT20)	MIMO	5180	/	/	20	102	5179.980	5150 to 5250	Pass
						120	5180.000	5150 to 5250	Pass
						138	5179.980	5150 to 5250	Pass
					-30	120	5180.000	5150 to 5250	Pass
					-20	120	5179.980	5150 to 5250	Pass
					-10	120	5180.020	5150 to 5250	Pass
					0	120	5179.960	5150 to 5250	Pass
					10	120	5180.000	5150 to 5250	Pass
					30	120	5180.000	5150 to 5250	Pass
					40	120	5180.020	5150 to 5250	Pass
					50	120	5179.980	5150 to 5250	Pass
		5200	/	/	20	102	5199.980	5150 to 5250	Pass
						120	5199.980	5150 to 5250	Pass
						138	5200.000	5150 to 5250	Pass
					-30	120	5199.980	5150 to 5250	Pass
					-20	120	5199.980	5150 to 5250	Pass
					-10	120	5200.000	5150 to 5250	Pass
					0	120	5200.000	5150 to 5250	Pass
					10	120	5199.980	5150 to 5250	Pass
					30	120	5200.000	5150 to 5250	Pass
					40	120	5200.000	5150 to 5250	Pass
					50	120	5199.940	5150 to 5250	Pass
		5240	/	/	20	102	5239.960	5150 to 5250	Pass
						120	5239.960	5150 to 5250	Pass
						138	5239.960	5150 to 5250	Pass
					-30	120	5239.980	5150 to 5250	Pass
					-20	120	5239.960	5150 to 5250	Pass
					-10	120	5239.980	5150 to 5250	Pass
					0	120	5239.980	5150 to 5250	Pass
					10	120	5239.980	5150 to 5250	Pass
					30	120	5239.980	5150 to 5250	Pass
					40	120	5239.980	5150 to 5250	Pass
					50	120	5239.980	5150 to 5250	Pass
802.11n (HT40)	MIMO	5190	/	/	20	102	5190.040	5150 to 5250	Pass
						120	5190.040	5150 to 5250	Pass
						138	5190.040	5150 to 5250	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-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) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / SZEMC Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (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 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400091205

Page: 211 of 214

802.11ac (VHT20)	MIMO	5230	/	/	-30	120	5190.080	5150 to 5250	Pass
					-20	120	5190.040	5150 to 5250	Pass
					-10	120	5190.040	5150 to 5250	Pass
					0	120	5190.000	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.040	5150 to 5250	Pass
					40	120	5190.040	5150 to 5250	Pass
					50	120	5190.040	5150 to 5250	Pass
					20	102	5230.000	5150 to 5250	Pass
						120	5230.040	5150 to 5250	Pass
						138	5230.000	5150 to 5250	Pass
					-30	120	5230.000	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass
					-10	120	5230.000	5150 to 5250	Pass
					0	120	5230.000	5150 to 5250	Pass
					10	120	5230.000	5150 to 5250	Pass
					30	120	5230.040	5150 to 5250	Pass
					40	120	5230.040	5150 to 5250	Pass
					50	120	5230.040	5150 to 5250	Pass
		5180	/	/	20	102	5179.980	5150 to 5250	Pass
						120	5179.960	5150 to 5250	Pass
						138	5179.980	5150 to 5250	Pass
					-30	120	5180.000	5150 to 5250	Pass
					-20	120	5180.000	5150 to 5250	Pass
					-10	120	5179.980	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass
					10	120	5179.980	5150 to 5250	Pass
					30	120	5180.000	5150 to 5250	Pass
					40	120	5179.980	5150 to 5250	Pass
					50	120	5179.980	5150 to 5250	Pass
		5200	/	/	20	102	5199.980	5150 to 5250	Pass
						120	5200.000	5150 to 5250	Pass
						138	5199.960	5150 to 5250	Pass
					-30	120	5200.040	5150 to 5250	Pass
					-20	120	5199.980	5150 to 5250	Pass
					-10	120	5199.980	5150 to 5250	Pass
					0	120	5200.020	5150 to 5250	Pass
					10	120	5199.980	5150 to 5250	Pass
					30	120	5199.940	5150 to 5250	Pass
					40	120	5199.980	5150 to 5250	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-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) 8307 1443, or email: CN.Doccheck@sgs.com

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (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 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400091205

Page: 212 of 214

		5240	/	/	50	120	5199.980	5150 to 5250	Pass
					20	102	5239.880	5150 to 5250	Pass
						120	5239.960	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5240.000	5150 to 5250	Pass
					-20	120	5239.980	5150 to 5250	Pass
					-10	120	5239.960	5150 to 5250	Pass
					0	120	5239.980	5150 to 5250	Pass
					10	120	5239.960	5150 to 5250	Pass
					30	120	5239.960	5150 to 5250	Pass
					40	120	5240.000	5150 to 5250	Pass
					50	120	5240.000	5150 to 5250	Pass
802.11ac (VHT40)	MIMO	5190	/	/	20	102	5190.040	5150 to 5250	Pass
						120	5190.040	5150 to 5250	Pass
						138	5190.040	5150 to 5250	Pass
					-30	120	5190.040	5150 to 5250	Pass
					-20	120	5190.040	5150 to 5250	Pass
					-10	120	5190.080	5150 to 5250	Pass
					0	120	5190.040	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.000	5150 to 5250	Pass
					40	120	5190.120	5150 to 5250	Pass
		5230	/	/	50	120	5190.040	5150 to 5250	Pass
					20	102	5230.040	5150 to 5250	Pass
						120	5230.040	5150 to 5250	Pass
						138	5230.040	5150 to 5250	Pass
					-30	120	5230.040	5150 to 5250	Pass
					-20	120	5230.000	5150 to 5250	Pass
					-10	120	5230.040	5150 to 5250	Pass
					0	120	5230.000	5150 to 5250	Pass
					10	120	5230.000	5150 to 5250	Pass
					30	120	5230.080	5150 to 5250	Pass
					40	120	5230.080	5150 to 5250	Pass
					50	120	5230.040	5150 to 5250	Pass
802.11ac (VHT80)	MIMO	5210	/	/	20	102	5210.075	5150 to 5250	Pass
						120	5210.075	5150 to 5250	Pass
						138	5210.075	5150 to 5250	Pass
					-30	120	5210.000	5150 to 5250	Pass
					-20	120	5210.075	5150 to 5250	Pass
					-10	120	5210.000	5150 to 5250	Pass



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (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 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400091205

Page: 213 of 214

					0	120	5210.075	5150 to 5250	Pass
					10	120	5210.075	5150 to 5250	Pass
					30	120	5210.075	5150 to 5250	Pass
					40	120	5210.075	5150 to 5250	Pass
					50	120	5210.000	5150 to 5250	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	20	102	5179.980	5150 to 5250	Pass
						120	5179.960	5150 to 5250	Pass
						138	5179.980	5150 to 5250	Pass
					-30	120	5179.980	5150 to 5250	Pass
					-20	120	5180.000	5150 to 5250	Pass
					-10	120	5180.040	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass
					10	120	5179.960	5150 to 5250	Pass
					30	120	5179.980	5150 to 5250	Pass
					40	120	5179.940	5150 to 5250	Pass
					50	120	5180.000	5150 to 5250	Pass
		5200	RU242	Left	20	102	5200.020	5150 to 5250	Pass
						120	5200.000	5150 to 5250	Pass
						138	5200.000	5150 to 5250	Pass
					-30	120	5200.000	5150 to 5250	Pass
					-20	120	5199.960	5150 to 5250	Pass
					-10	120	5199.960	5150 to 5250	Pass
					0	120	5199.960	5150 to 5250	Pass
					10	120	5200.020	5150 to 5250	Pass
					30	120	5200.020	5150 to 5250	Pass
					40	120	5200.000	5150 to 5250	Pass
					50	120	5200.000	5150 to 5250	Pass
		5240	RU242	Left	20	102	5239.980	5150 to 5250	Pass
						120	5240.060	5150 to 5250	Pass
						138	5240.020	5150 to 5250	Pass
					-30	120	5240.020	5150 to 5250	Pass
					-20	120	5239.980	5150 to 5250	Pass
					-10	120	5239.980	5150 to 5250	Pass
					0	120	5239.920	5150 to 5250	Pass
					10	120	5239.980	5150 to 5250	Pass
					30	120	5239.980	5150 to 5250	Pass
					40	120	5240.020	5150 to 5250	Pass
					50	120	5239.960	5150 to 5250	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	20	102	5190.080	5150 to 5250	Pass
						120	5190.000	5150 to 5250	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-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 and 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, Shenzhen, China 518057 t (86-755) 26012053 f (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 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400091205

Page: 214 of 214

						138	5190.080	5150 to 5250	Pass
					-30	120	5190.040	5150 to 5250	Pass
					-20	120	5190.080	5150 to 5250	Pass
					-10	120	5190.040	5150 to 5250	Pass
					0	120	5190.000	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.040	5150 to 5250	Pass
					40	120	5190.000	5150 to 5250	Pass
					50	120	5190.040	5150 to 5250	Pass
		5230	RU484	Left	20	102	5230.040	5150 to 5250	Pass
						120	5230.040	5150 to 5250	Pass
						138	5230.000	5150 to 5250	Pass
					-30	120	5230.080	5150 to 5250	Pass
					-20	120	5230.040	5150 to 5250	Pass
					-10	120	5230.000	5150 to 5250	Pass
					0	120	5230.040	5150 to 5250	Pass
					10	120	5230.040	5150 to 5250	Pass
					30	120	5230.000	5150 to 5250	Pass
					40	120	5230.040	5150 to 5250	Pass
					50	120	5230.080	5150 to 5250	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	20	102	5210.076	5150 to 5250	Pass
						120	5210.076	5150 to 5250	Pass
						138	5210.076	5150 to 5250	Pass
					-30	120	5210.000	5150 to 5250	Pass
					-20	120	5210.075	5150 to 5250	Pass
					-10	120	5210.076	5150 to 5250	Pass
					0	120	5210.000	5150 to 5250	Pass
					10	120	5210.000	5150 to 5250	Pass
					30	120	5210.076	5150 to 5250	Pass
					40	120	5210.076	5150 to 5250	Pass
					50	120	5210.000	5150 to 5250	Pass

- End of the Report -



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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 and 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 t (86-755) 26012053 f (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 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)