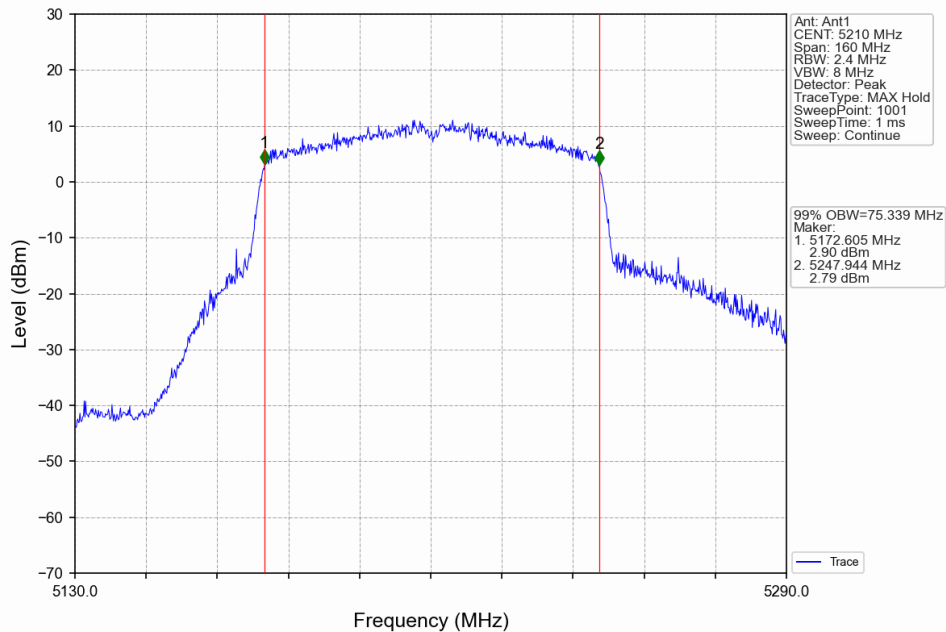
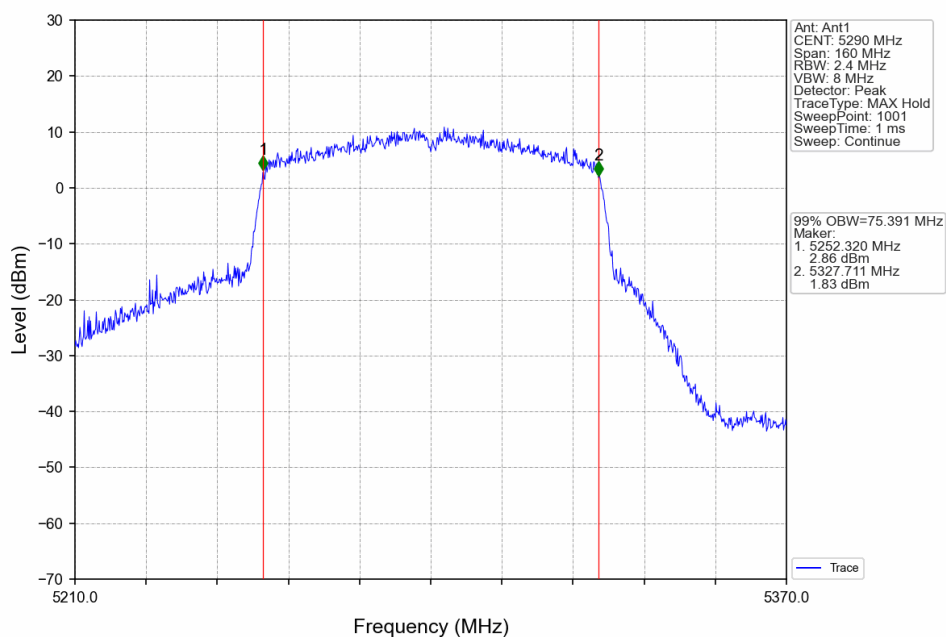


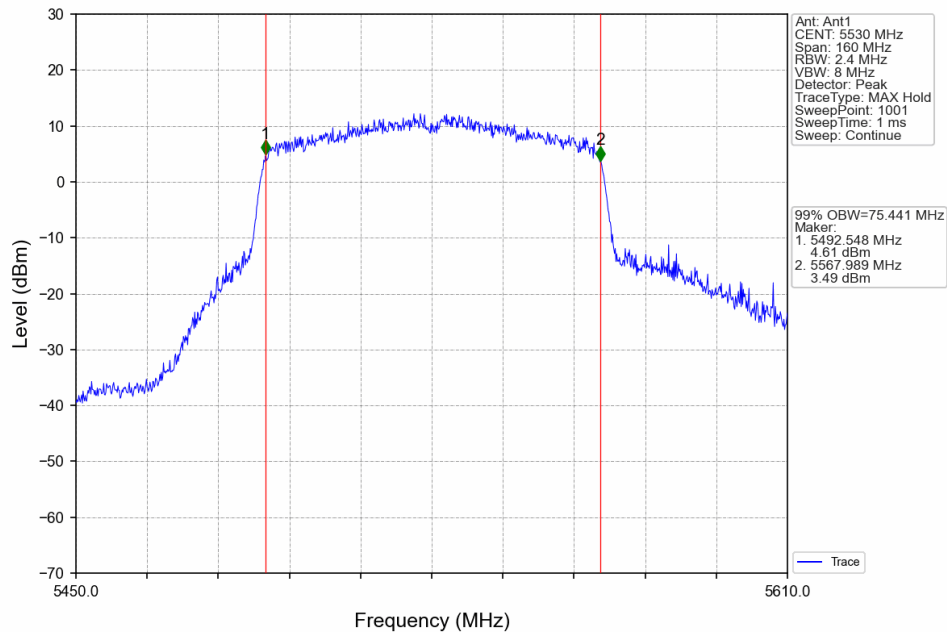
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



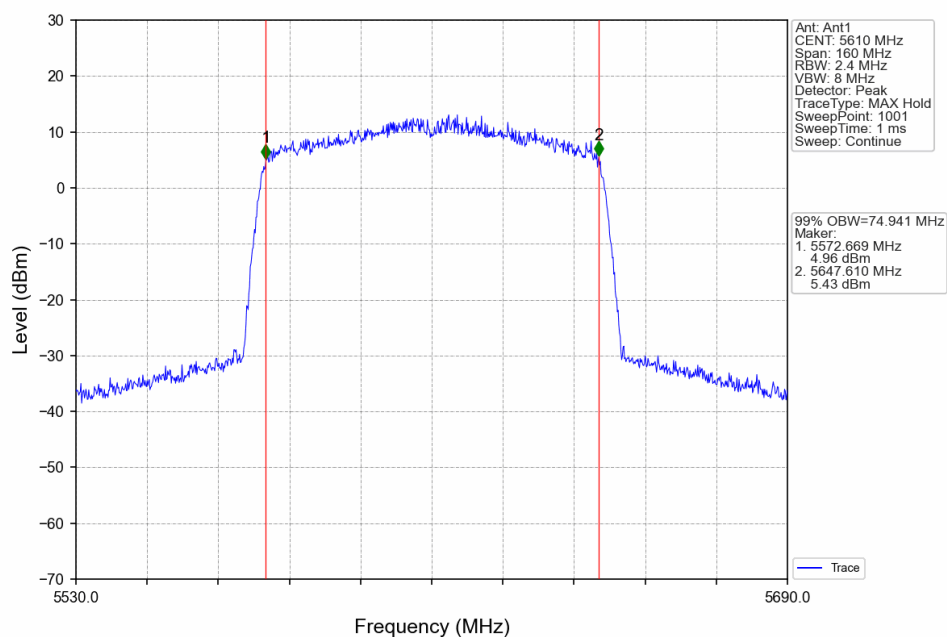
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



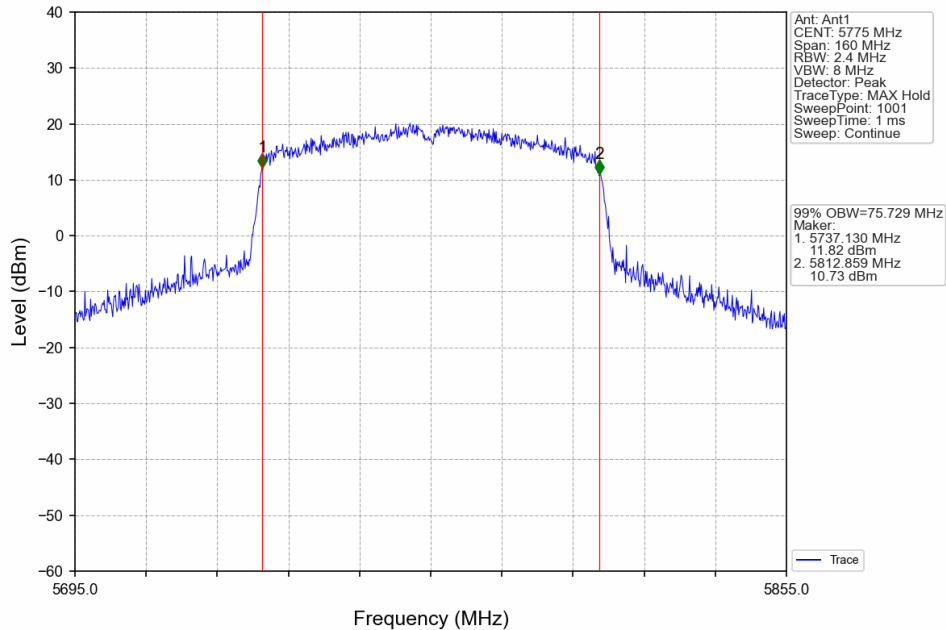
### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



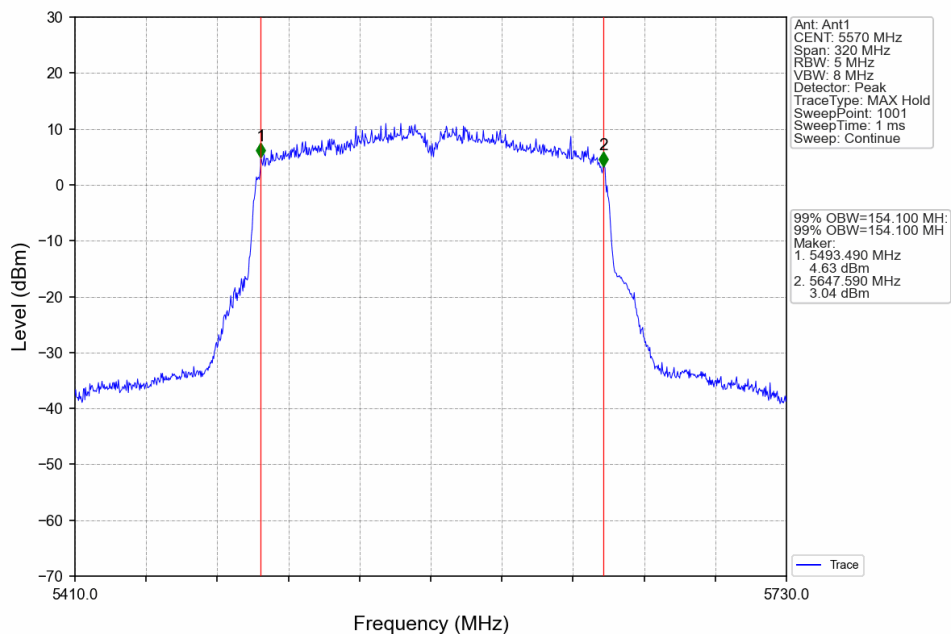
### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



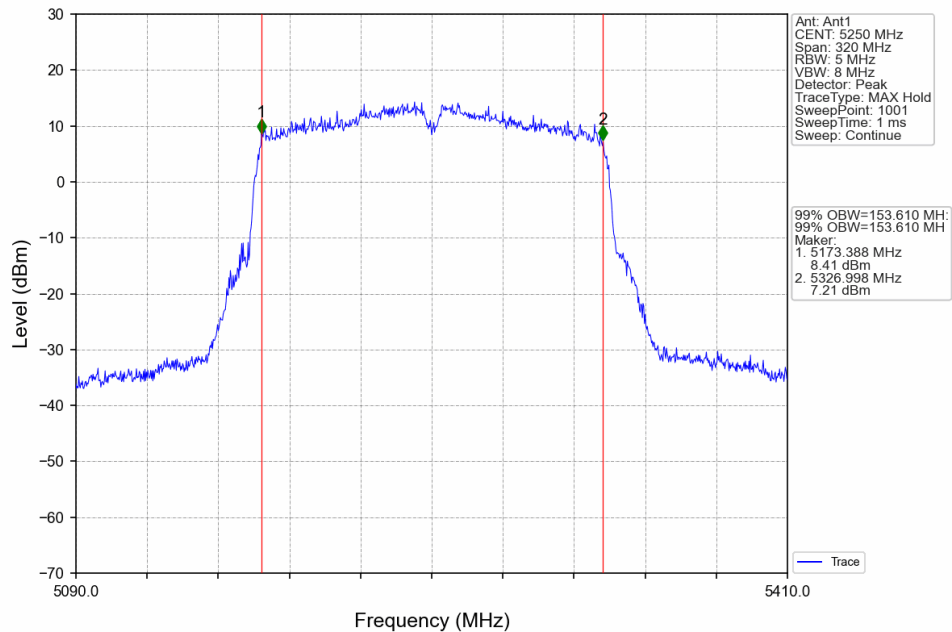
### 802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



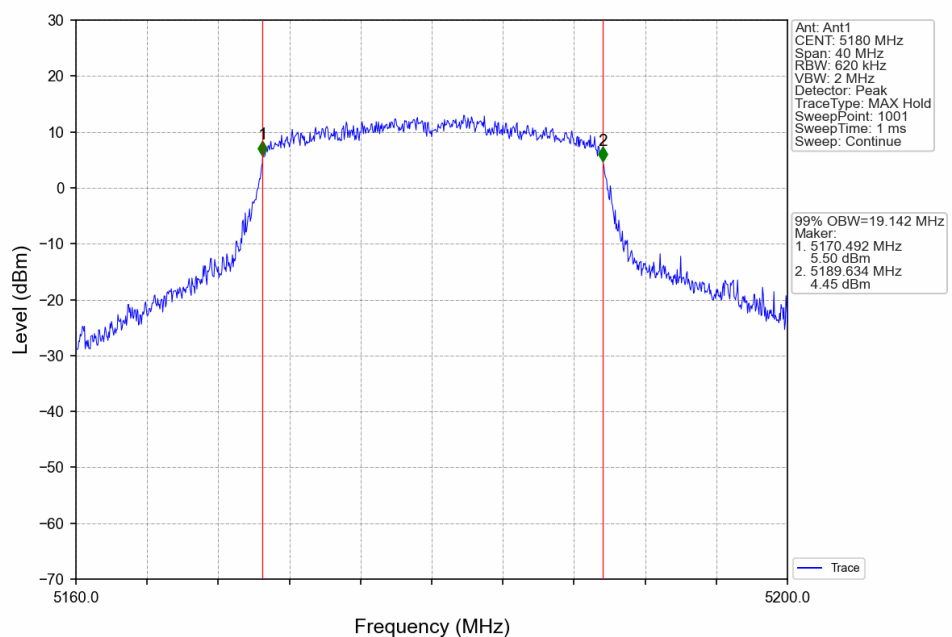
### 802.11ac(VHT160)\_MCH\_5570MHz\_Ant1\_NTNV



### 802.11ac(VHT160)\_MCH\_5250MHz\_Ant1\_NTNV

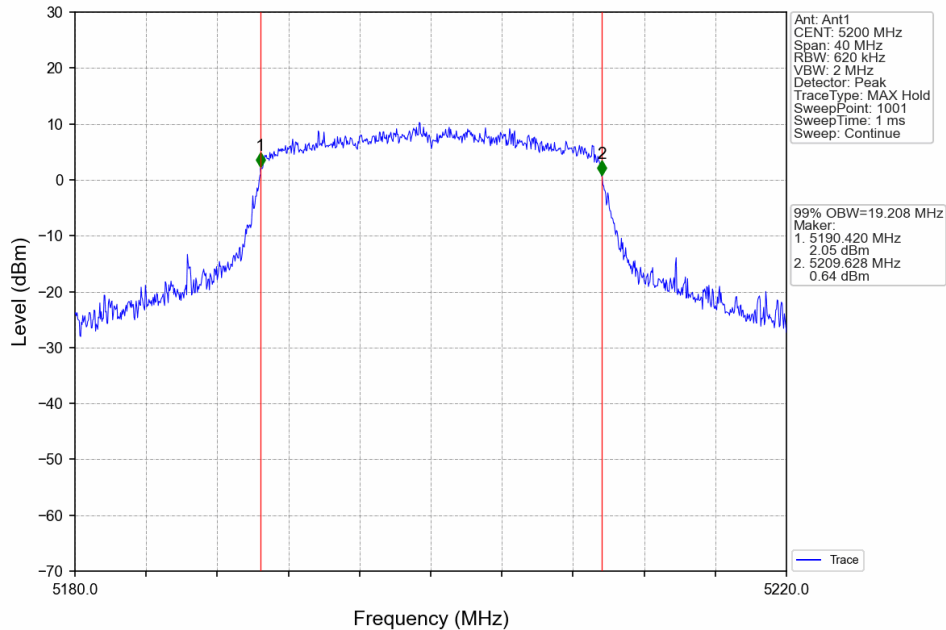


### 802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV

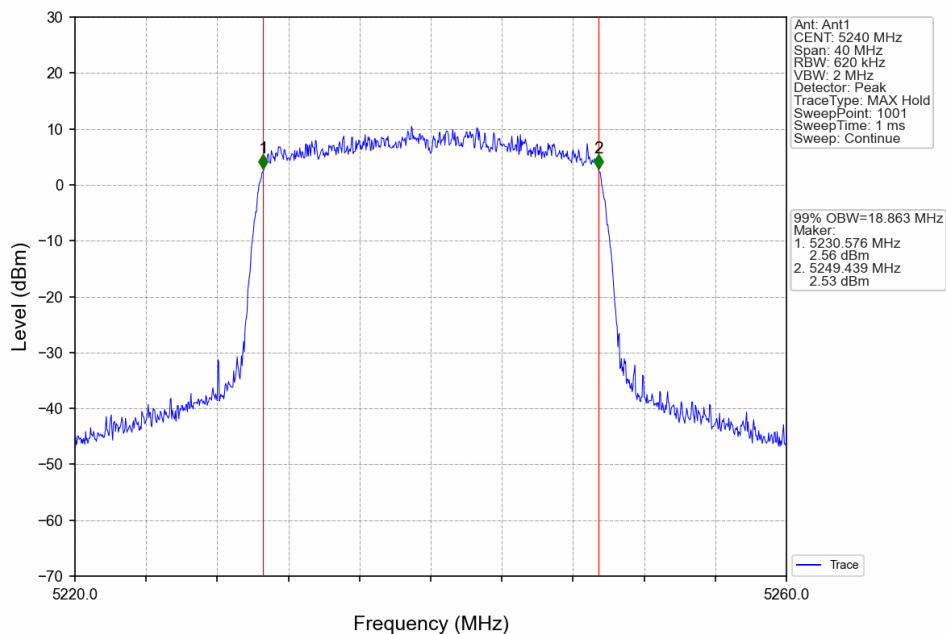




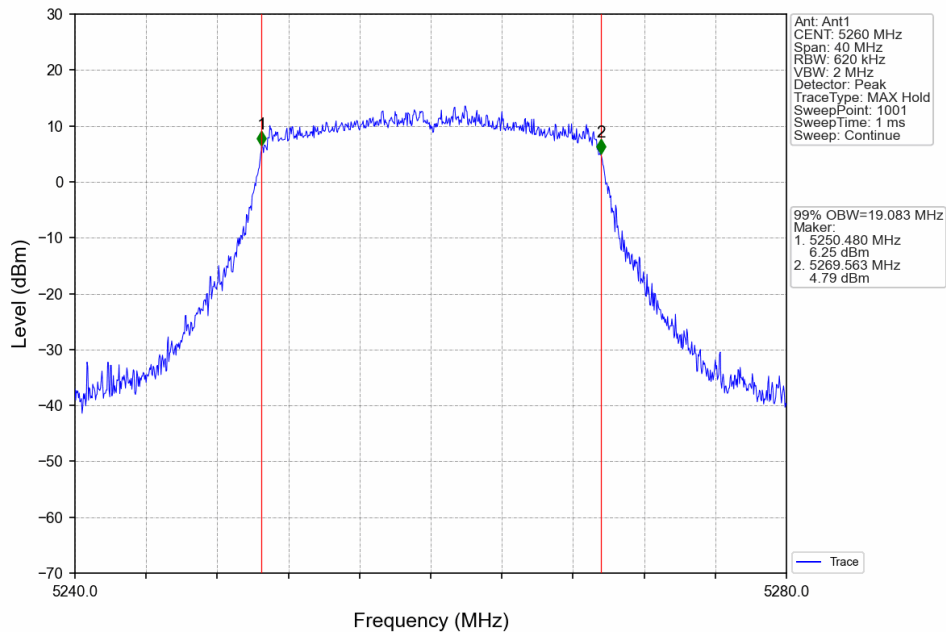
### 802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV



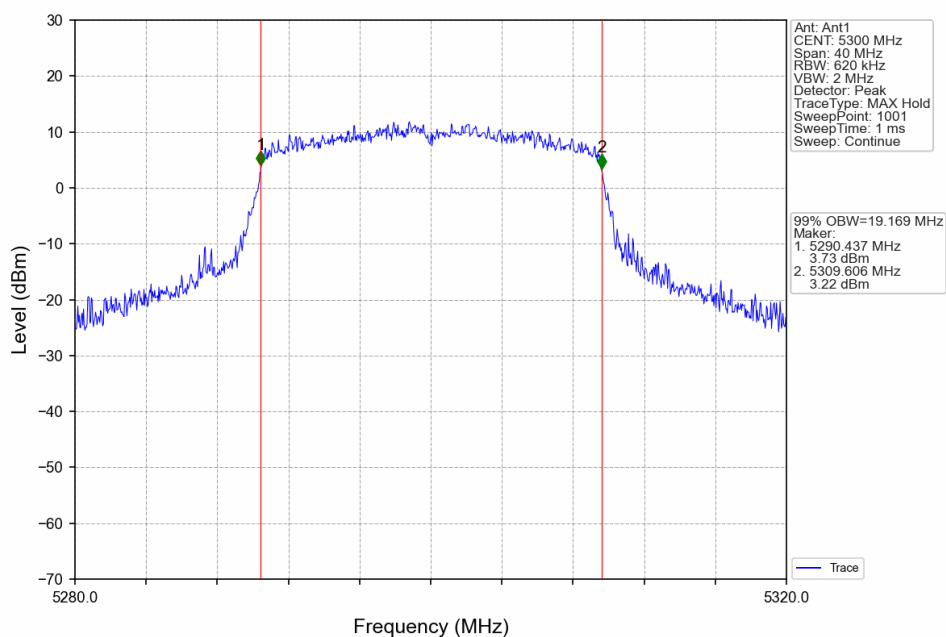
### 802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



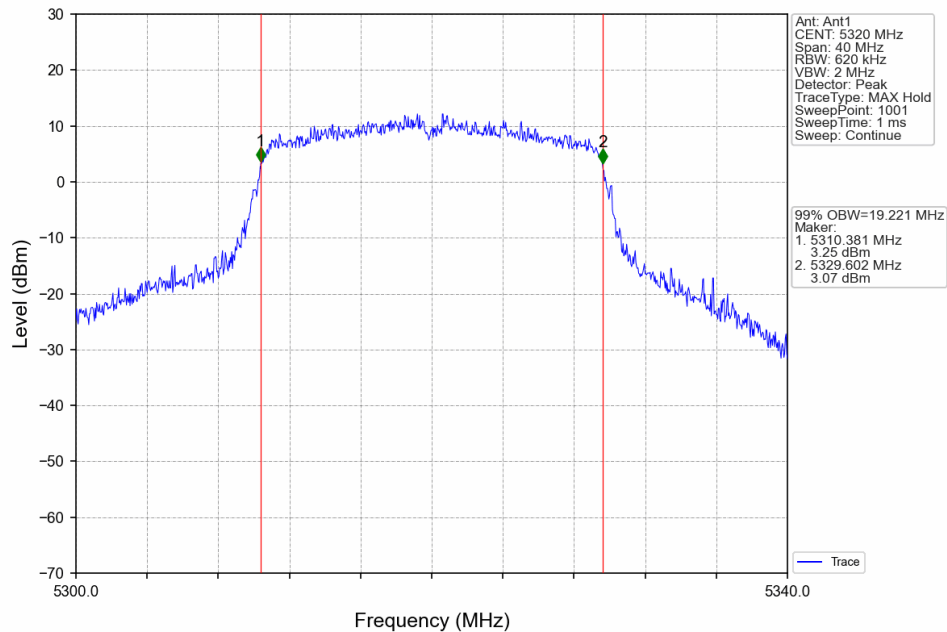
### 802.11ax(HEW20)\_LCH\_5260MHz\_RU242\_Left\_Ant1\_NTNV



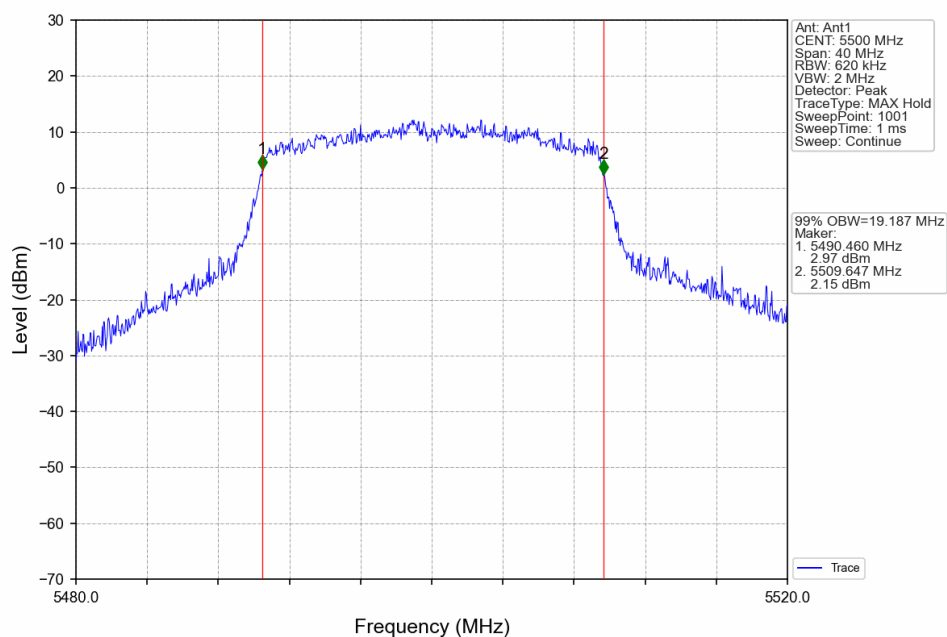
### 802.11ax(HEW20)\_MCH\_5300MHz\_RU242\_Left\_Ant1\_NTNV



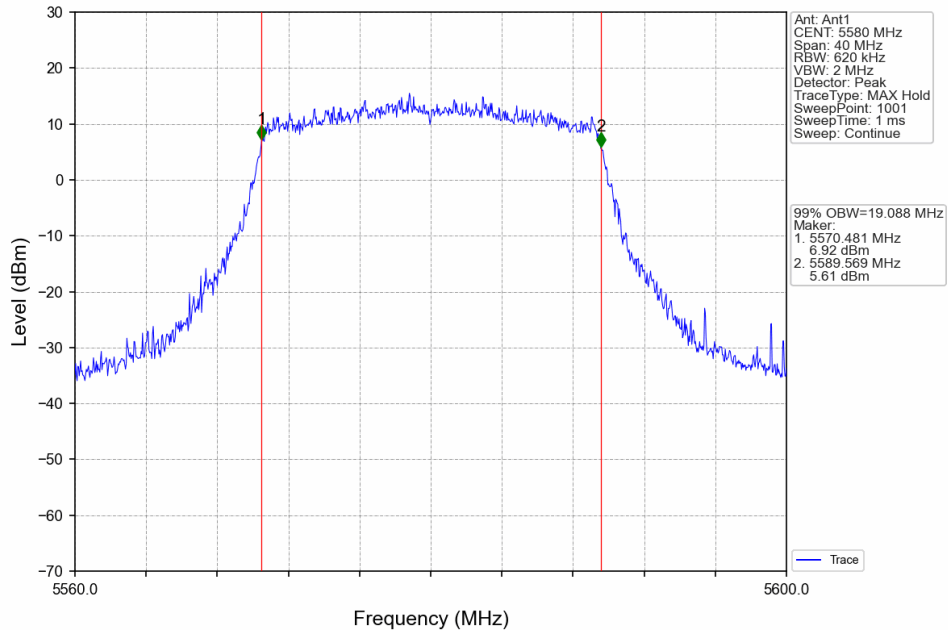
### 802.11ax(HEW20)\_HCH\_5320MHz\_RU242\_Left\_Ant1\_NTNV



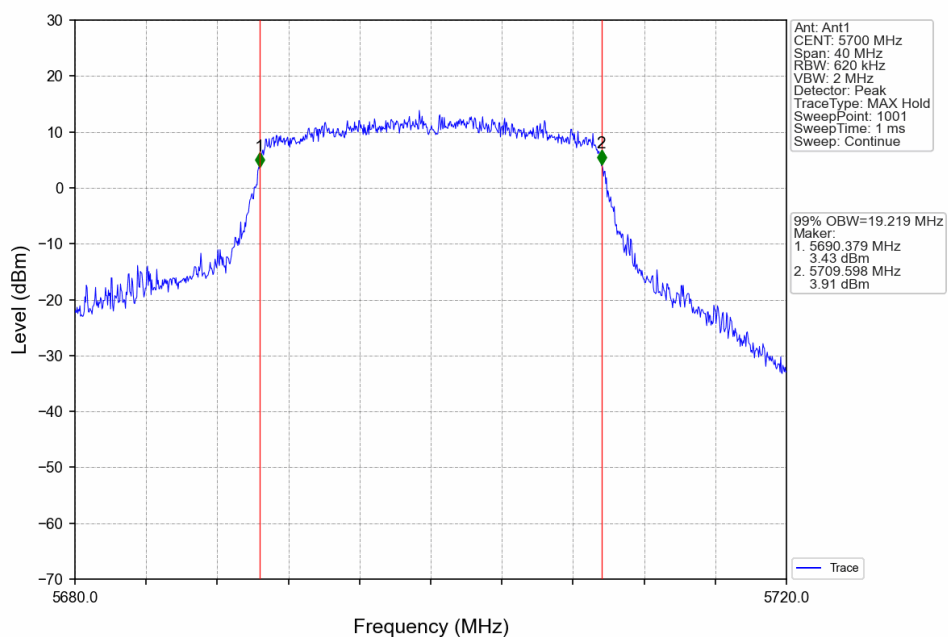
### 802.11ax(HEW20)\_LCH\_5500MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HEW20)\_MCH\_5580MHz\_RU242\_Left\_Ant1\_NTNV

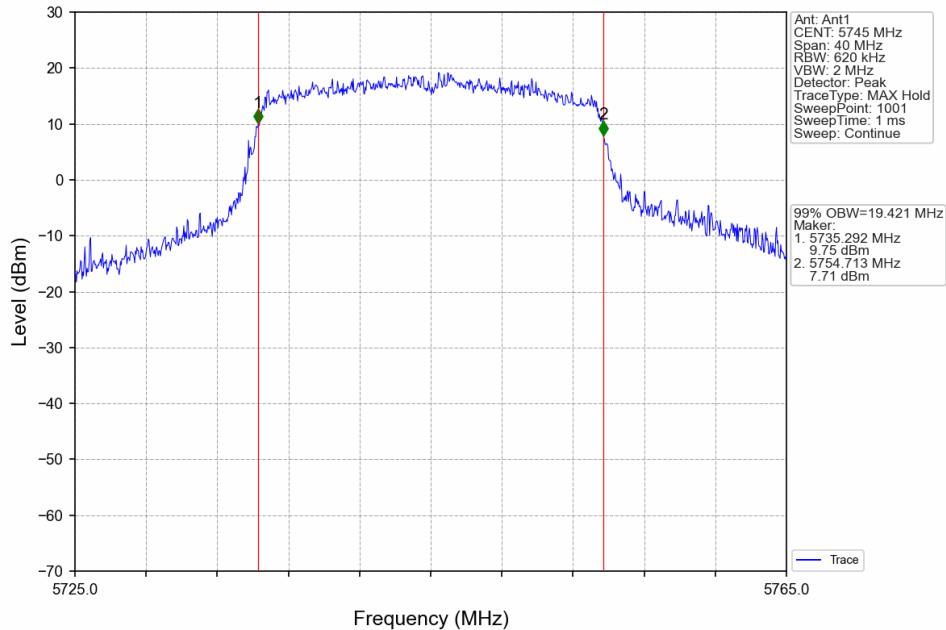


### 802.11ax(HEW20)\_HCH\_5700MHz\_RU242\_Left\_Ant1\_NTNV

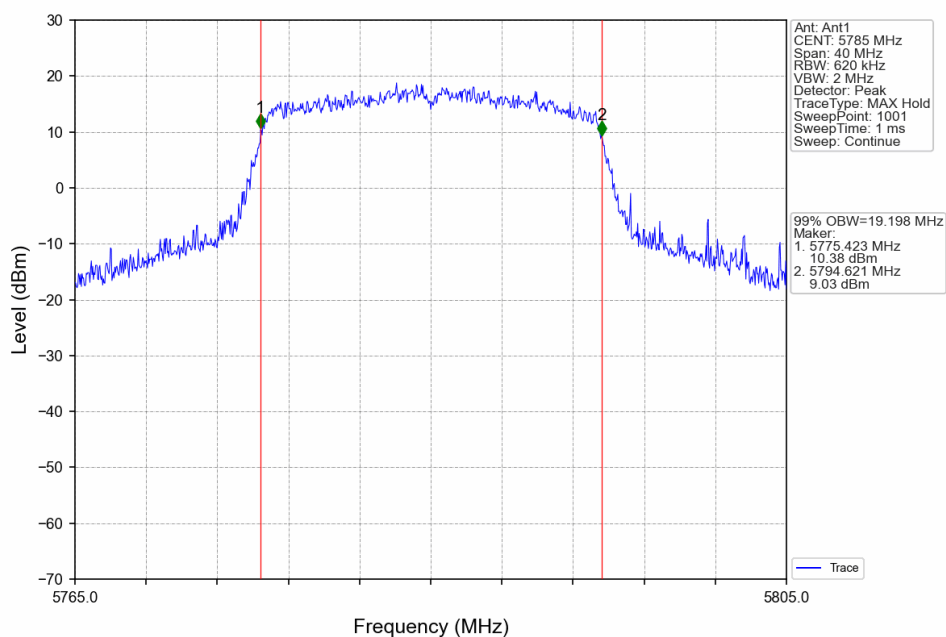




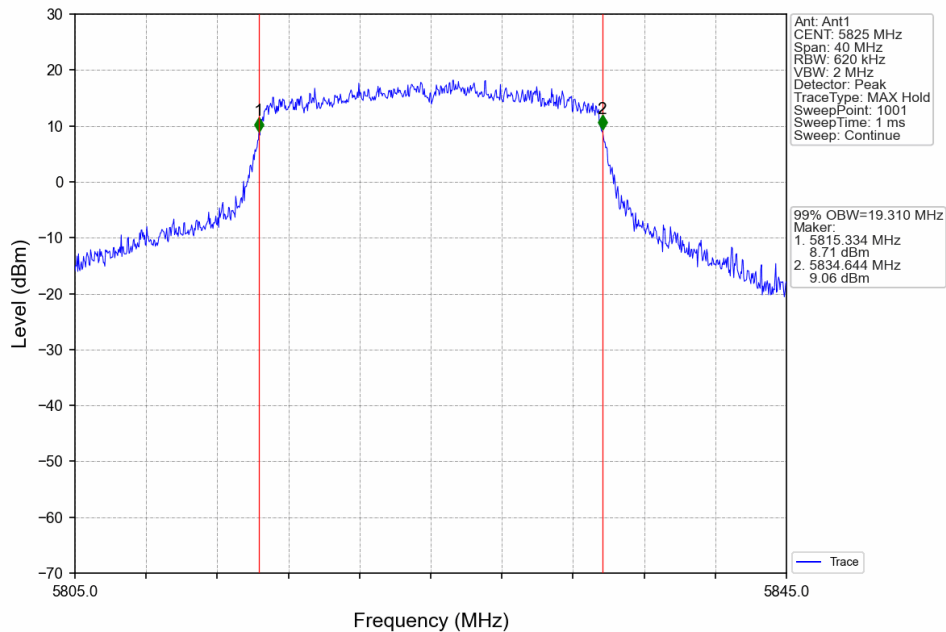
### 802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



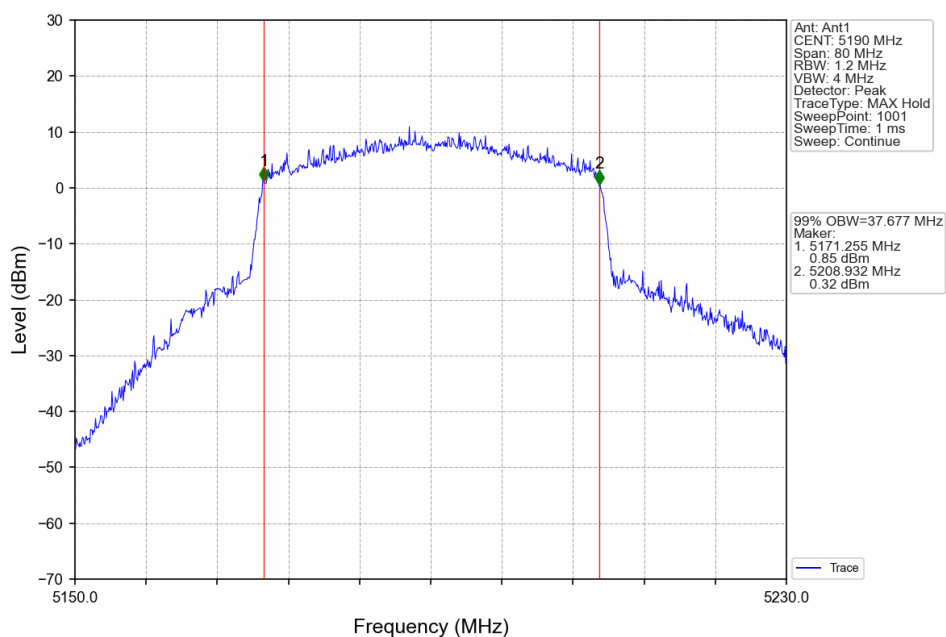
### 802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



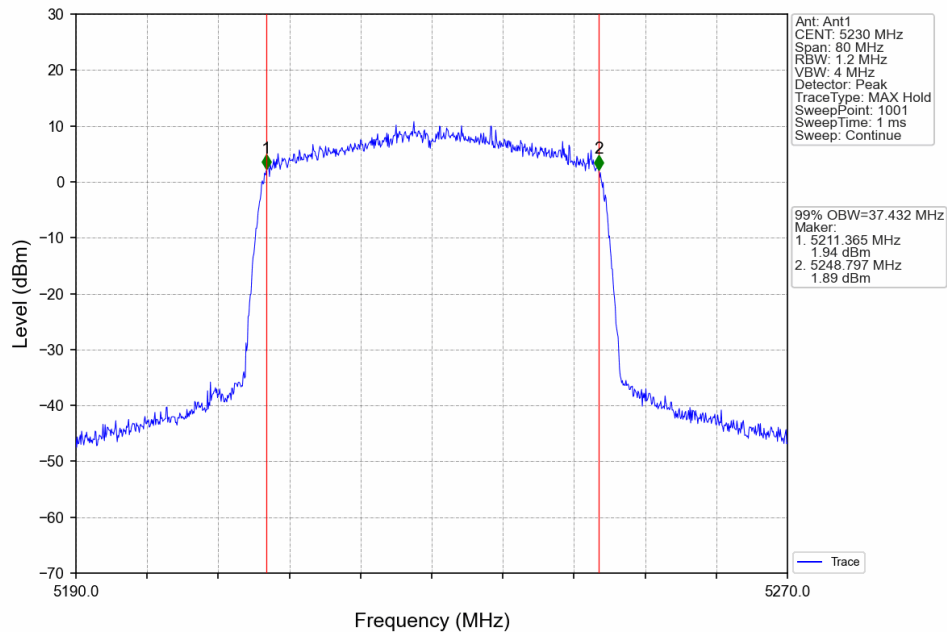
### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



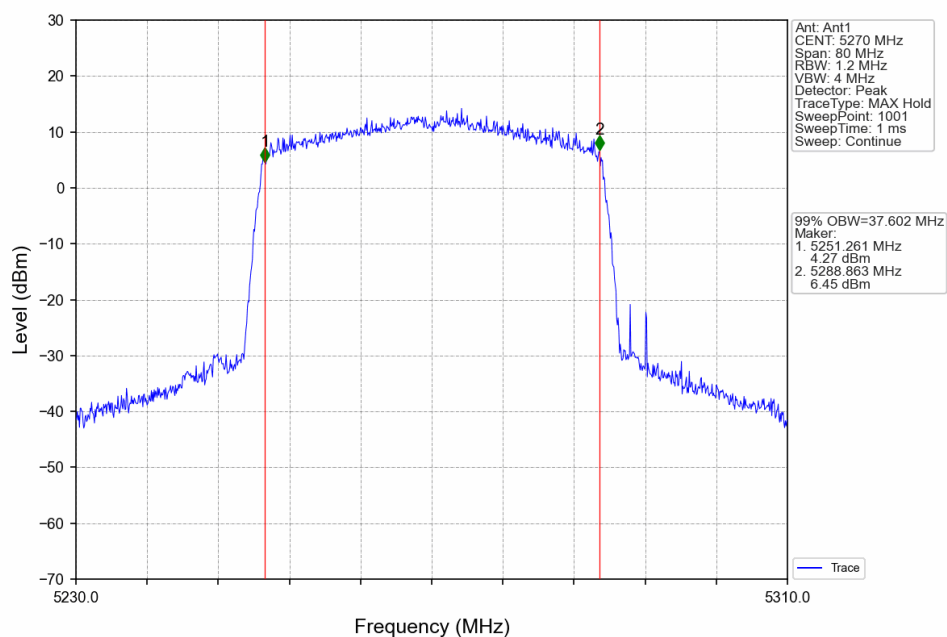
### 802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



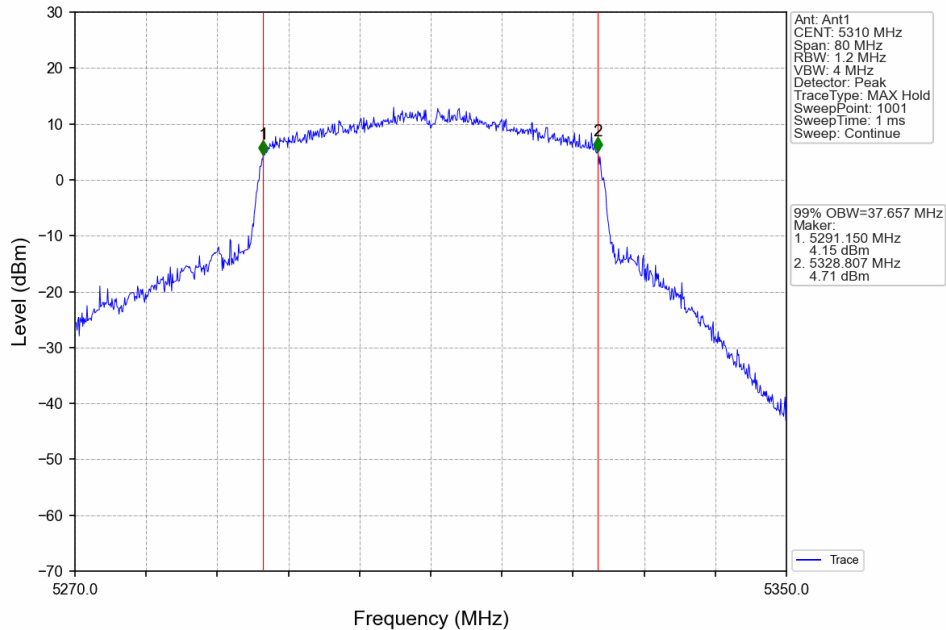
### 802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



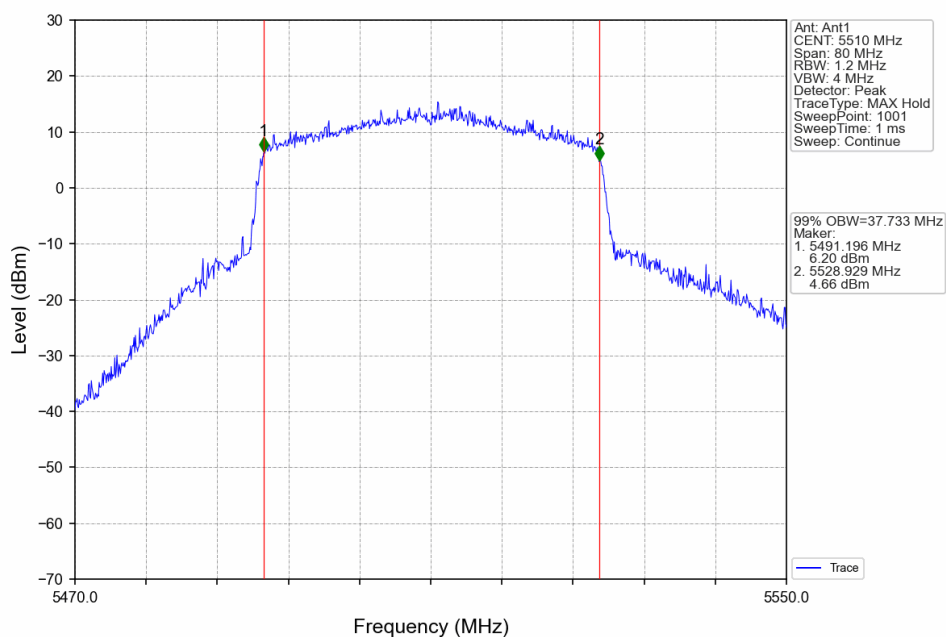
### 802.11ax(HEW40)\_LCH\_5270MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HEW40)\_HCH\_5310MHz\_RU484\_Left\_Ant1\_NTNV

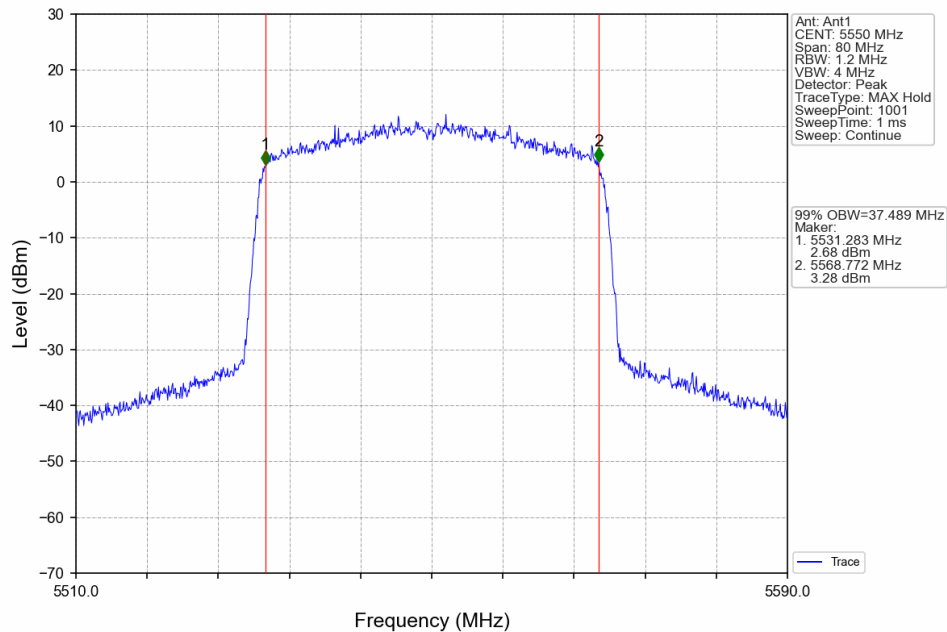


### 802.11ax(HEW40)\_LCH\_5510MHz\_RU484\_Left\_Ant1\_NTNV

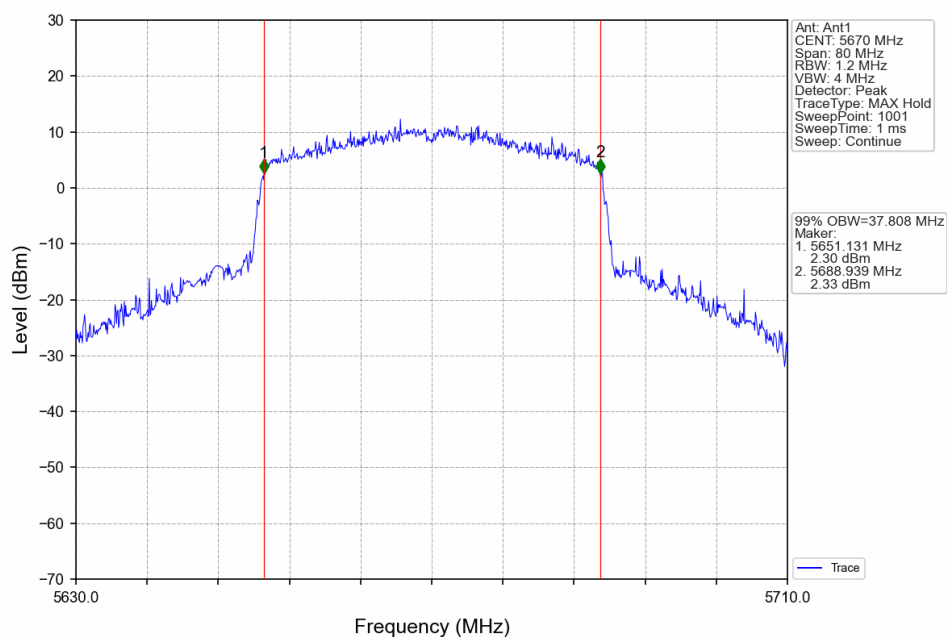




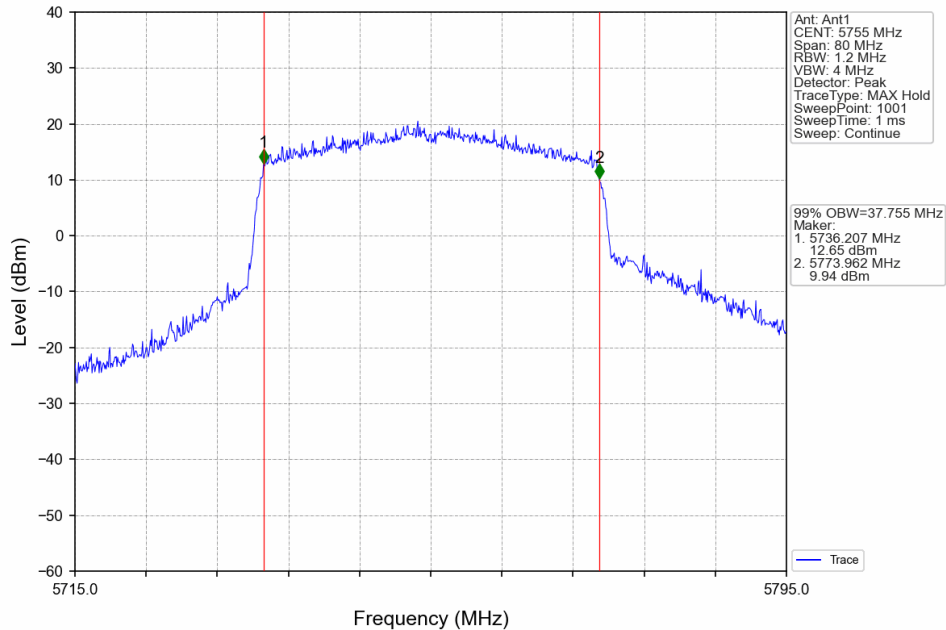
### 802.11ax(HEW40)\_MCH\_5550MHz\_RU484\_Left\_Ant1\_NTNV



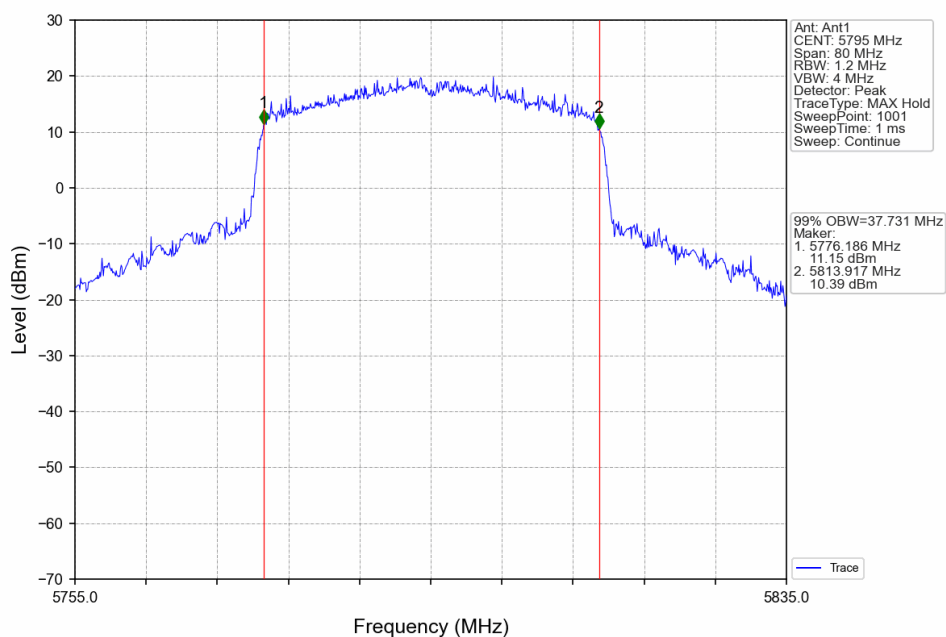
### 802.11ax(HEW40)\_HCH\_5670MHz\_RU484\_Left\_Ant1\_NTNV



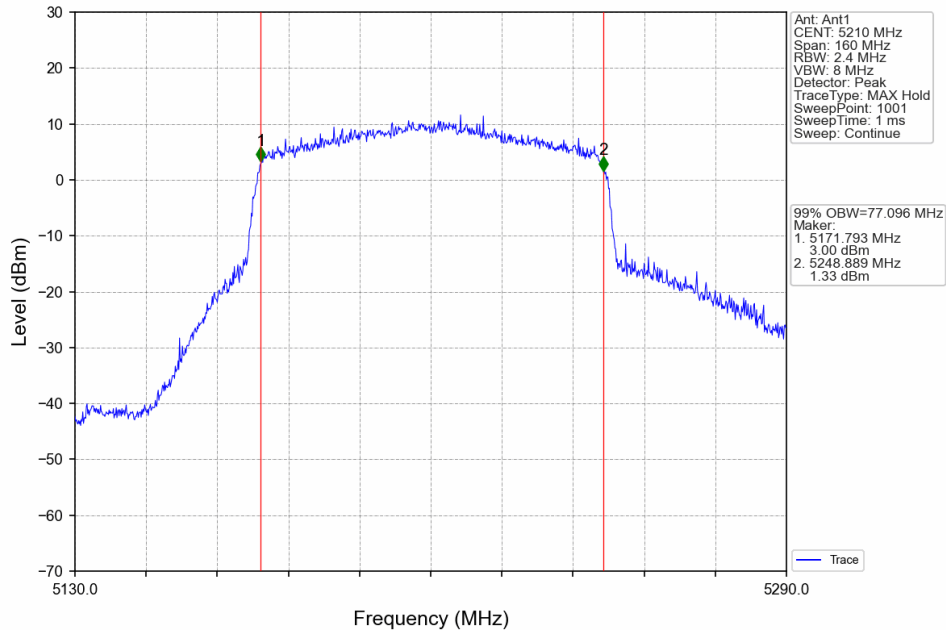
### 802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV



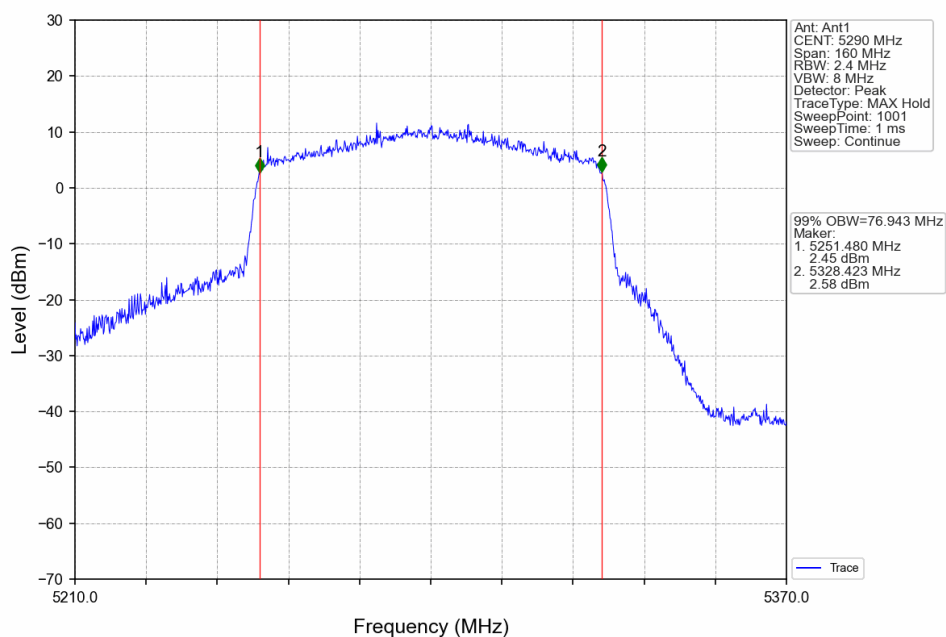
### 802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV



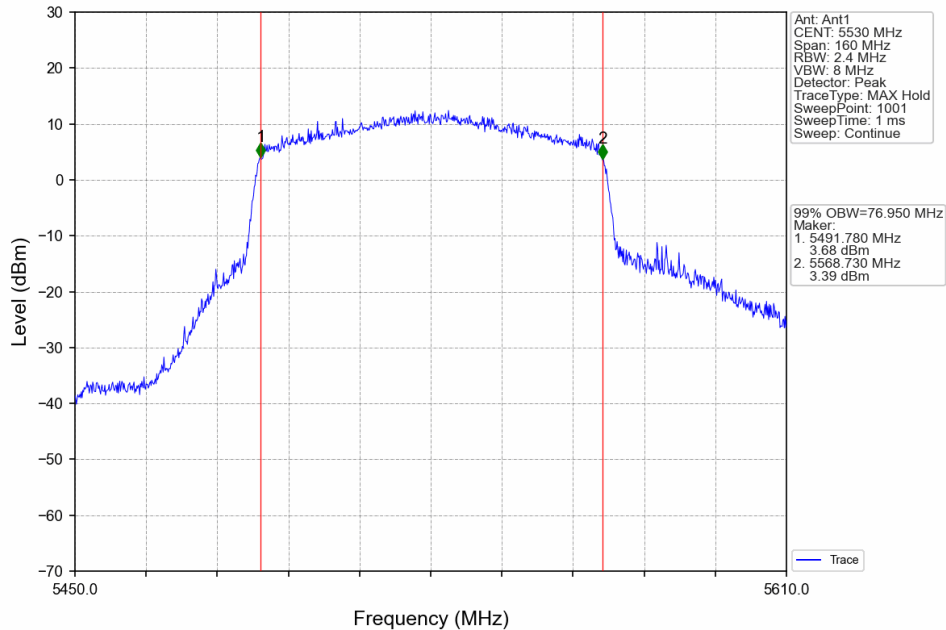
### 802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



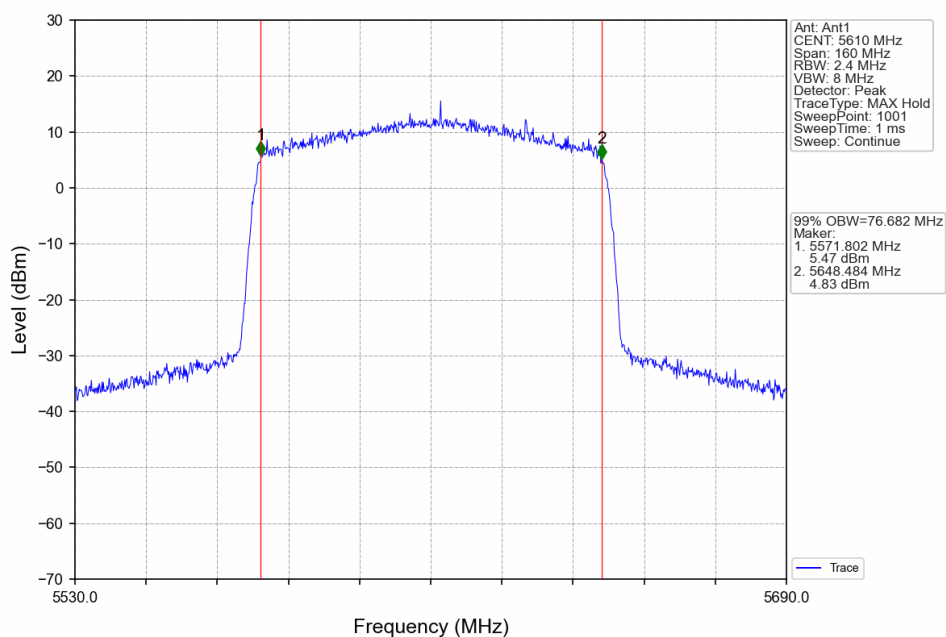
### 802.11ax(HEW80)\_MCH\_5290MHz\_RU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_LCH\_5530MHz\_RU996\_Left\_Ant1\_NTNV

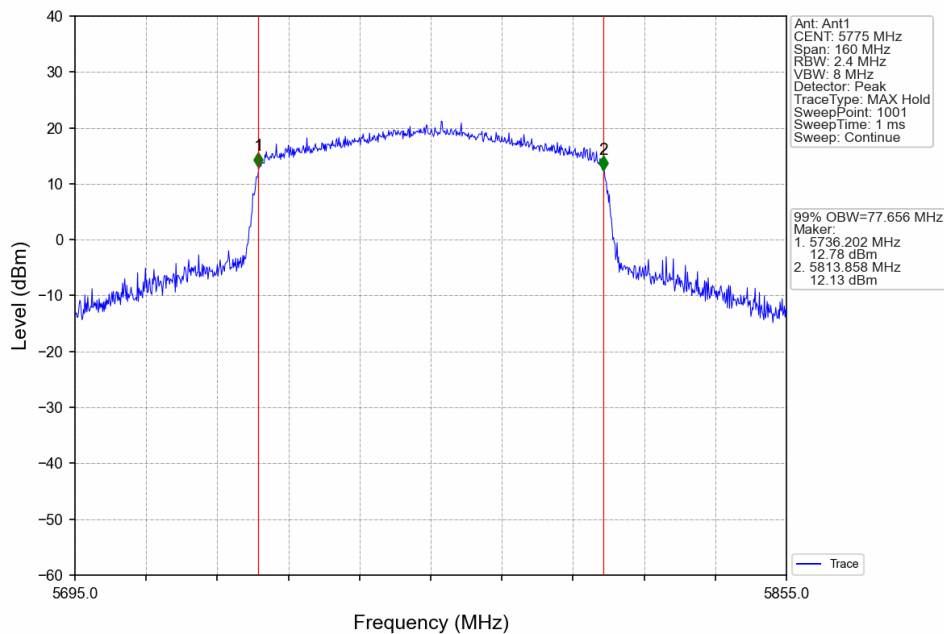


### 802.11ax(HEW80)\_HCH\_5610MHz\_RU996\_Left\_Ant1\_NTNV

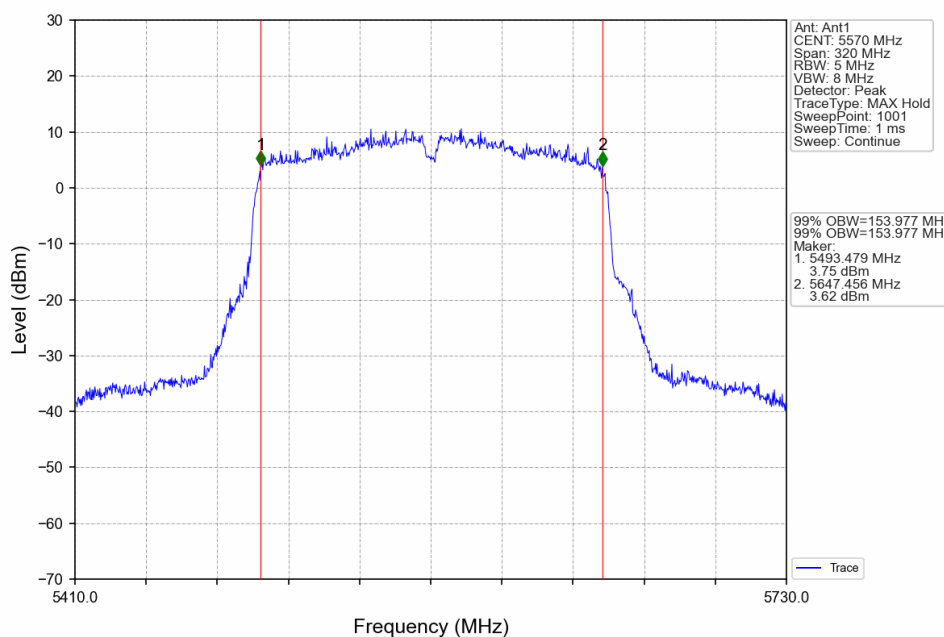




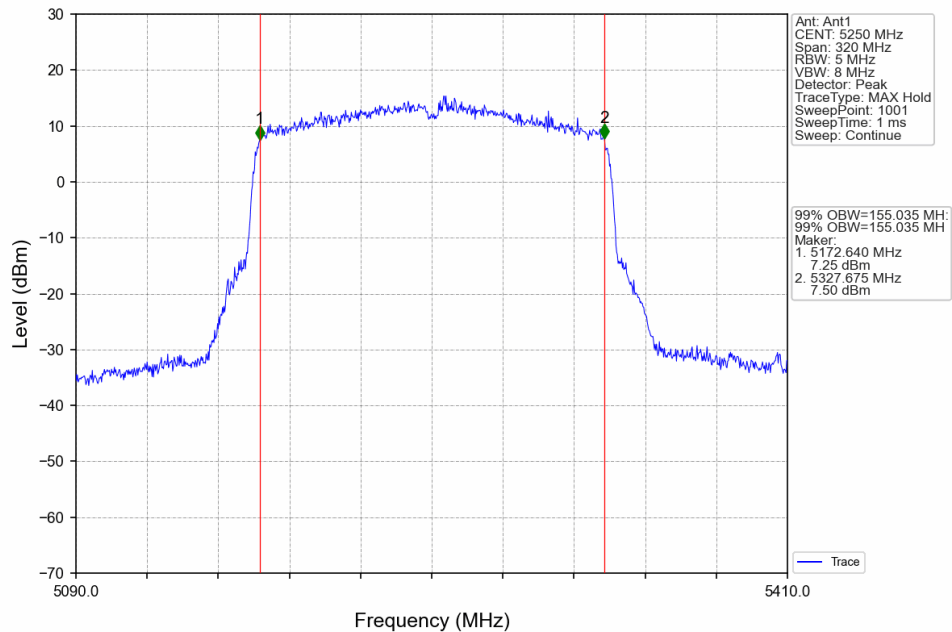
### 802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW160)\_MCH\_5570MHz\_2xRU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW160)\_MCH\_5250MHz\_2xRU996\_Left\_Ant1\_NTNV



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

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

Report No.: SZCR230200048903

Page: 499 of 758

## 2.2 6dB BW

### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5745	/	/	1	15.198	>=0.5	Pass
		5785	/	/	1	15.583	>=0.5	Pass
		5825	/	/	1	15.483	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	15.486	>=0.5	Pass
		5785	/	/	1	15.322	>=0.5	Pass
		5825	/	/	1	15.381	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	35.088	>=0.5	Pass
		5795	/	/	1	35.111	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	15.114	>=0.5	Pass
		5785	/	/	1	15.177	>=0.5	Pass
		5825	/	/	1	15.177	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	35.110	>=0.5	Pass
		5795	/	/	1	35.099	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.077	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	16.160	>=0.5	Pass
		5785	RU242	Left	1	17.603	>=0.5	Pass
		5825	RU242	Left	1	17.532	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	35.104	>=0.5	Pass
		5795	RU484	Left	1	35.104	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	75.081	>=0.5	Pass

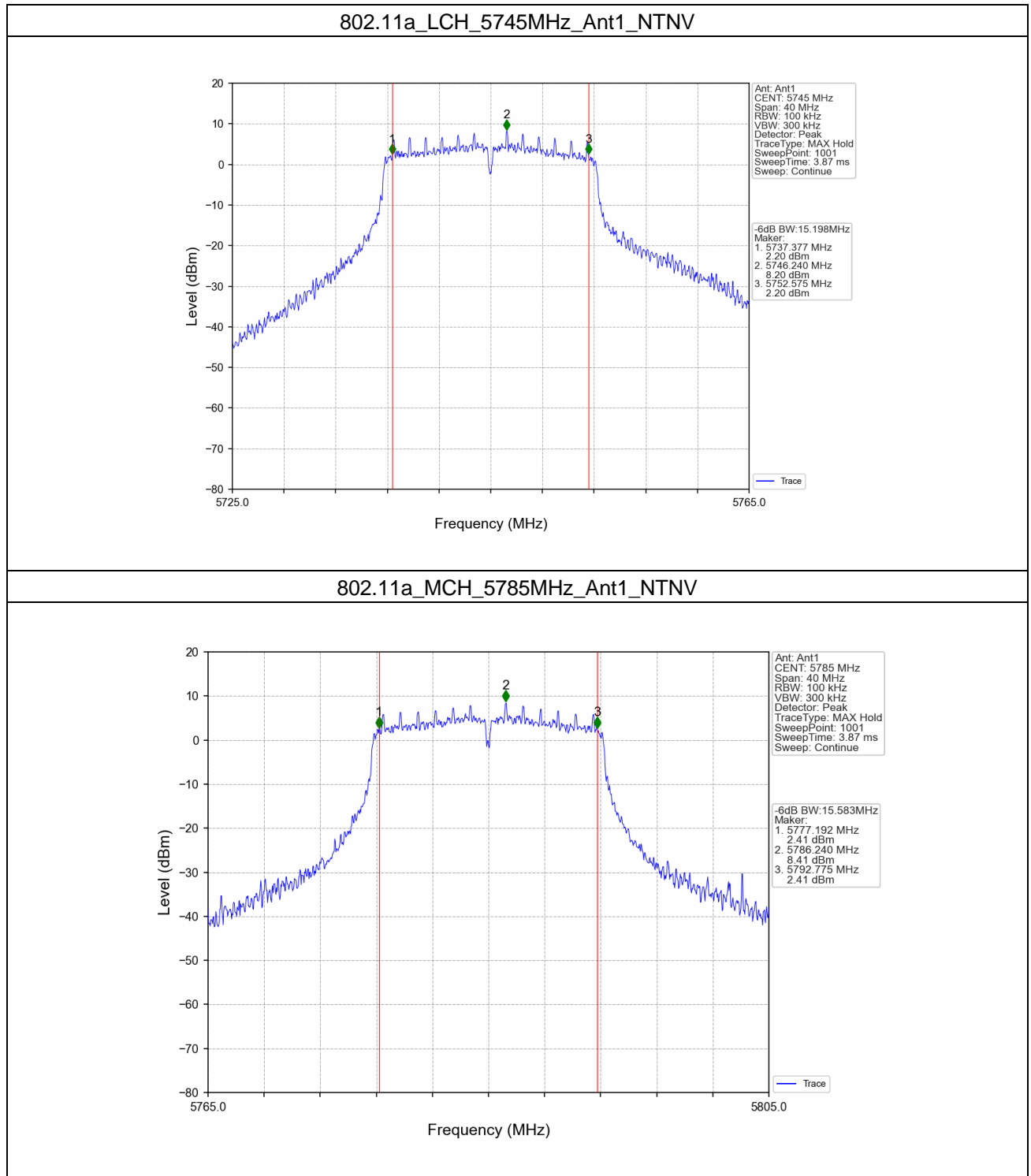


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

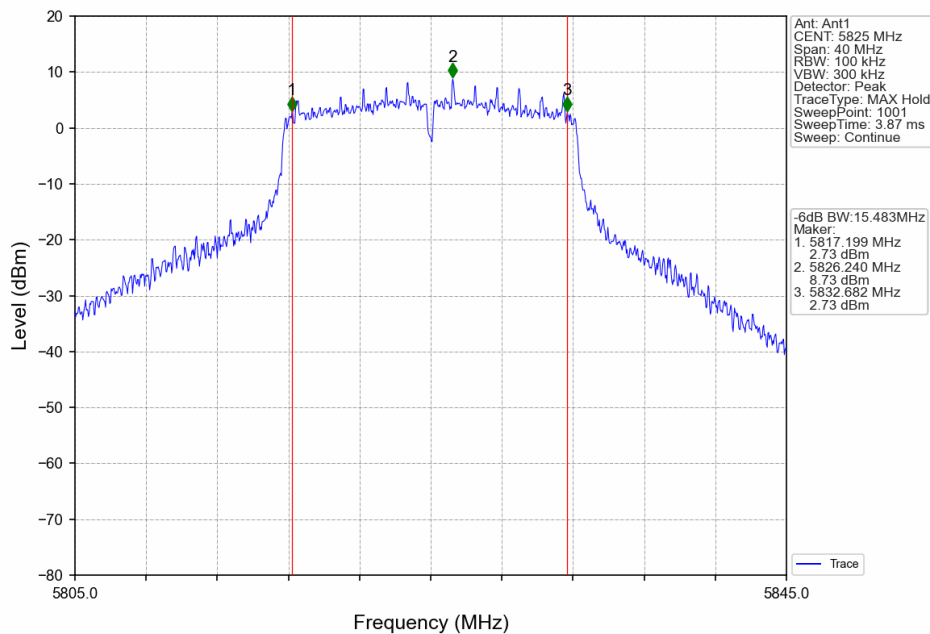
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

### 2.2.2 Test Graph

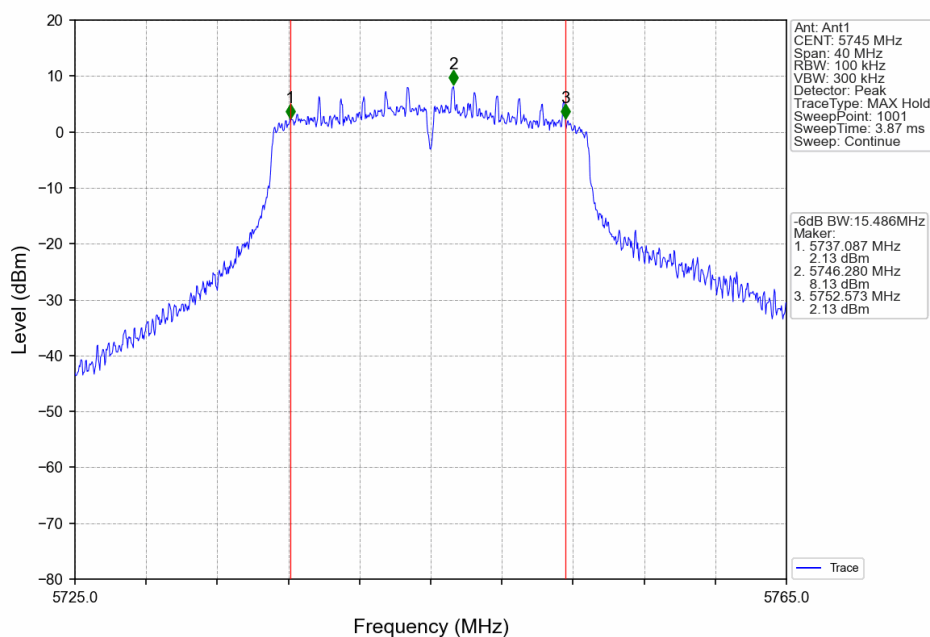




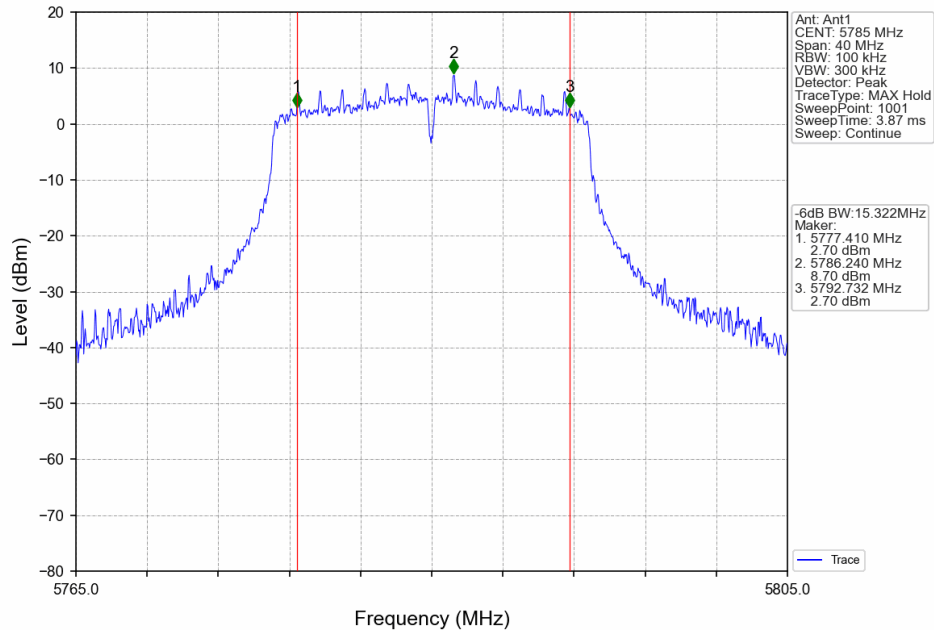
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



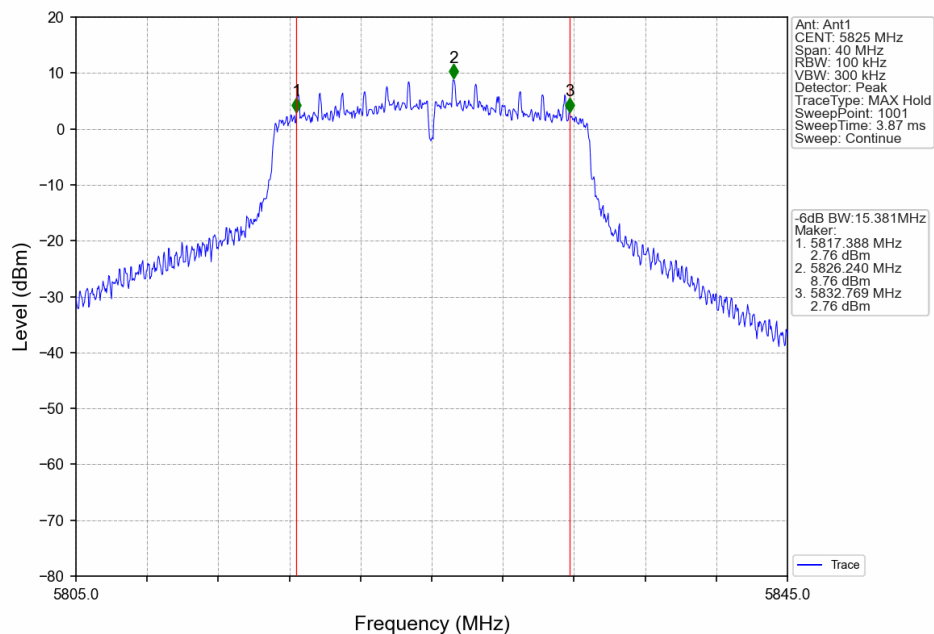
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



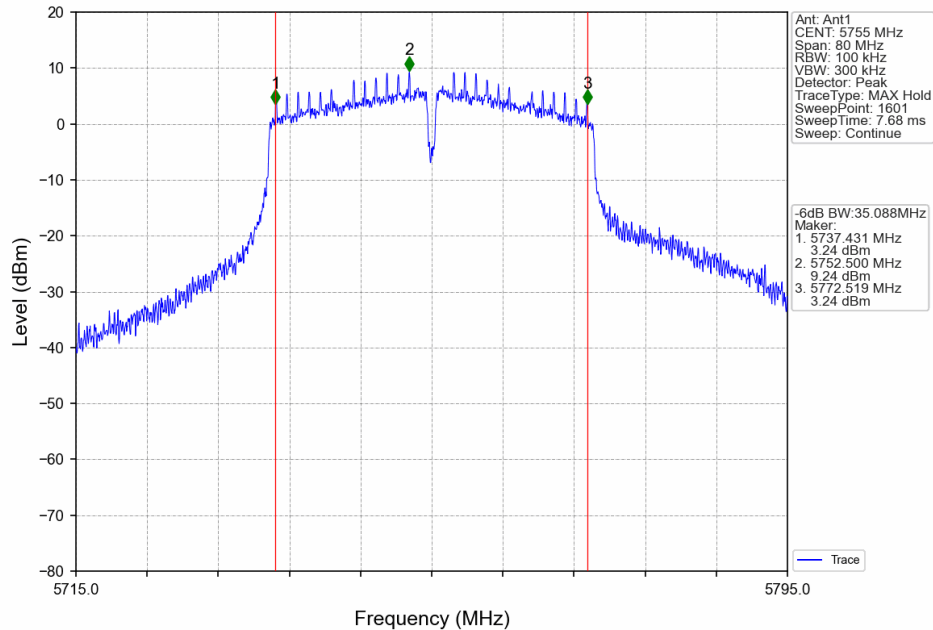
### 802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



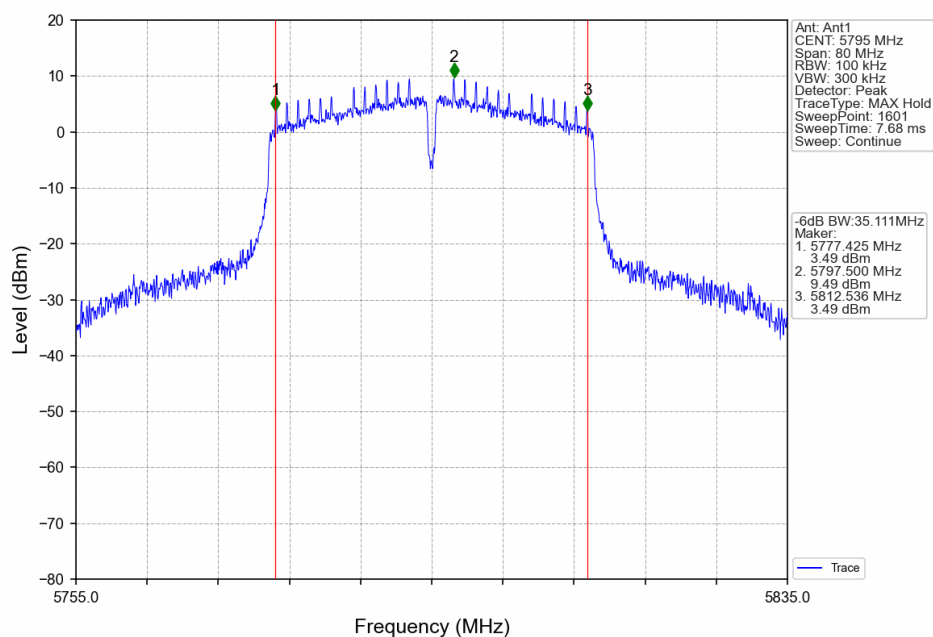
### 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



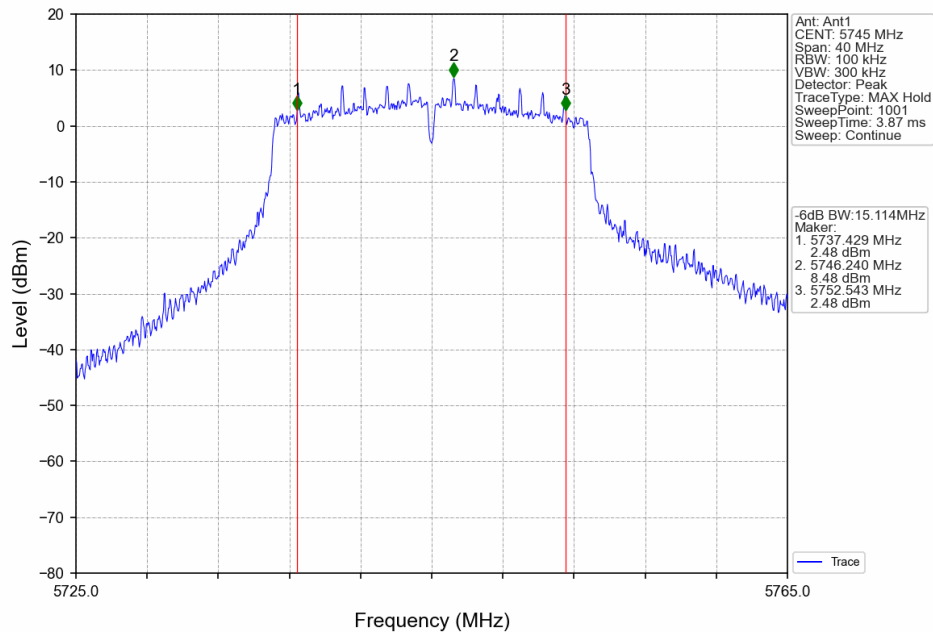
### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



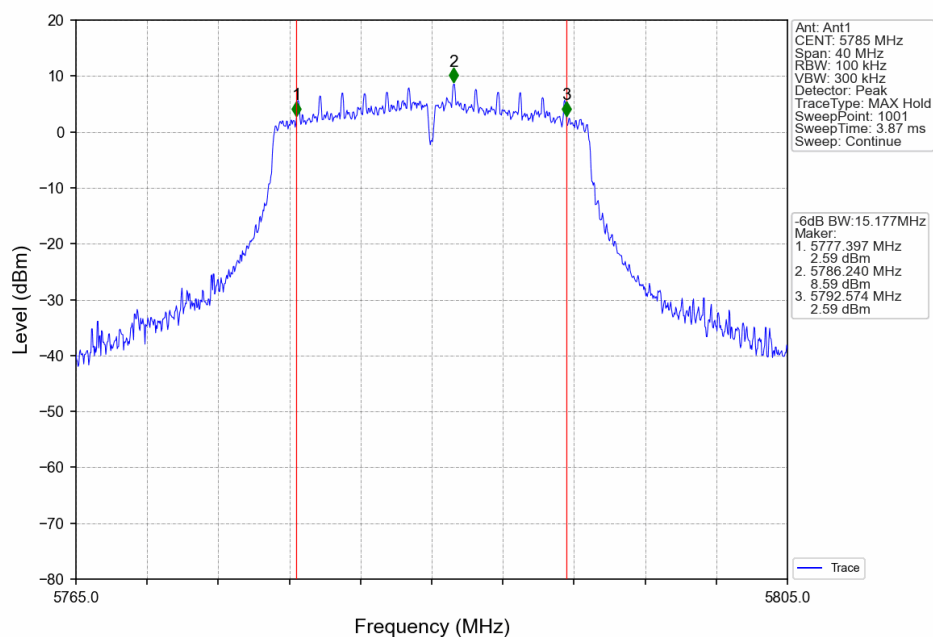
### 802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV

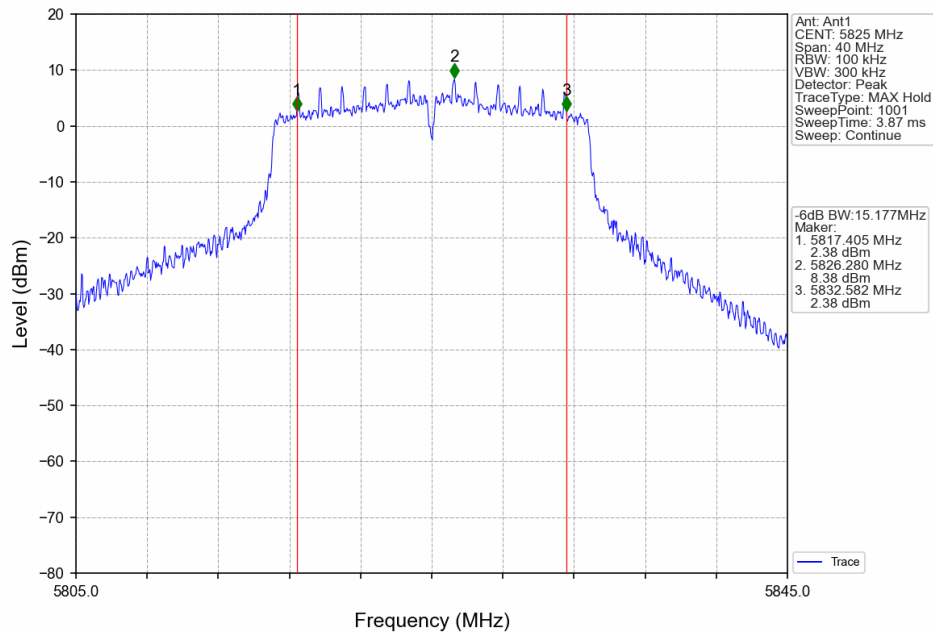


### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV

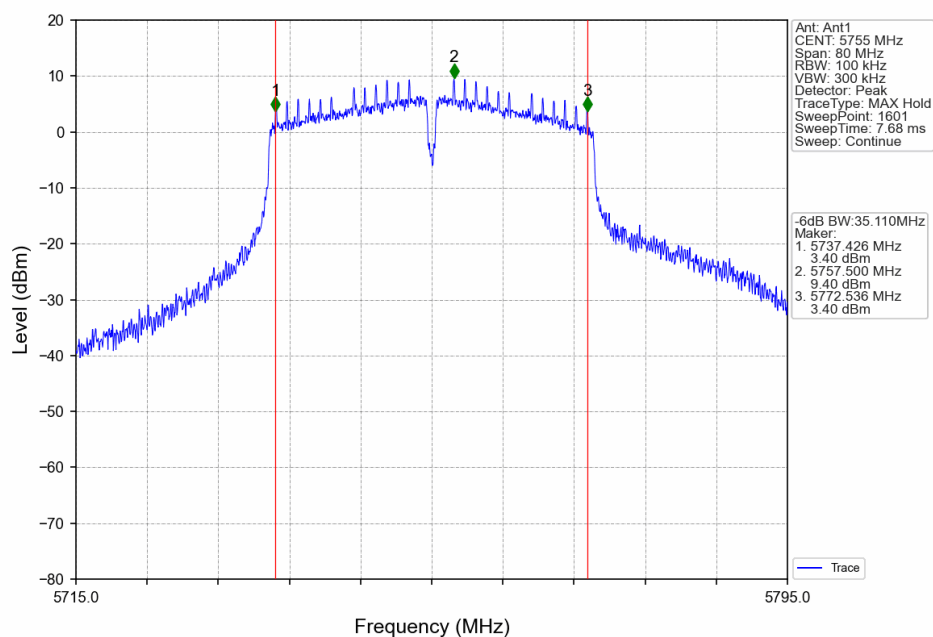




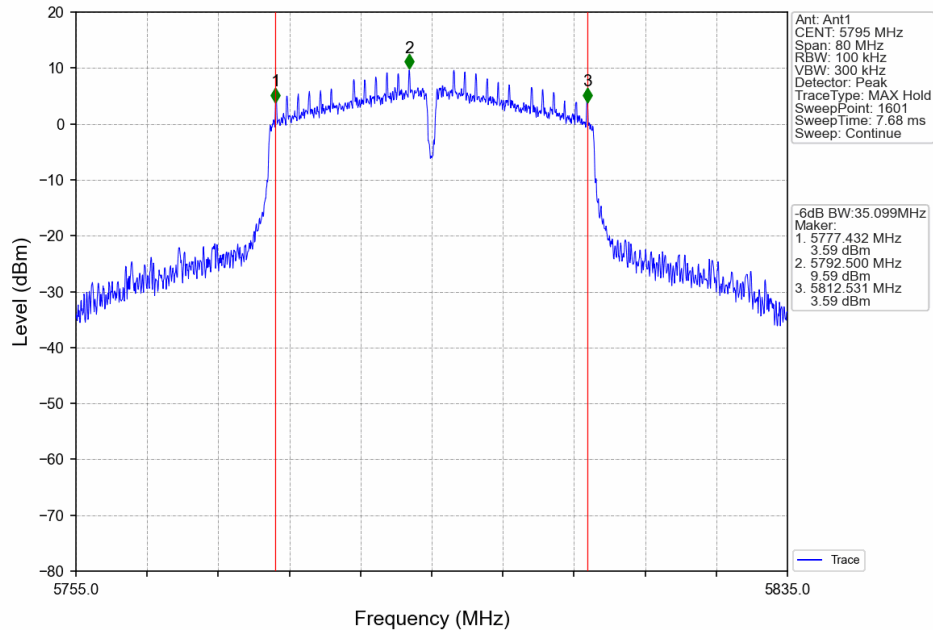
### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



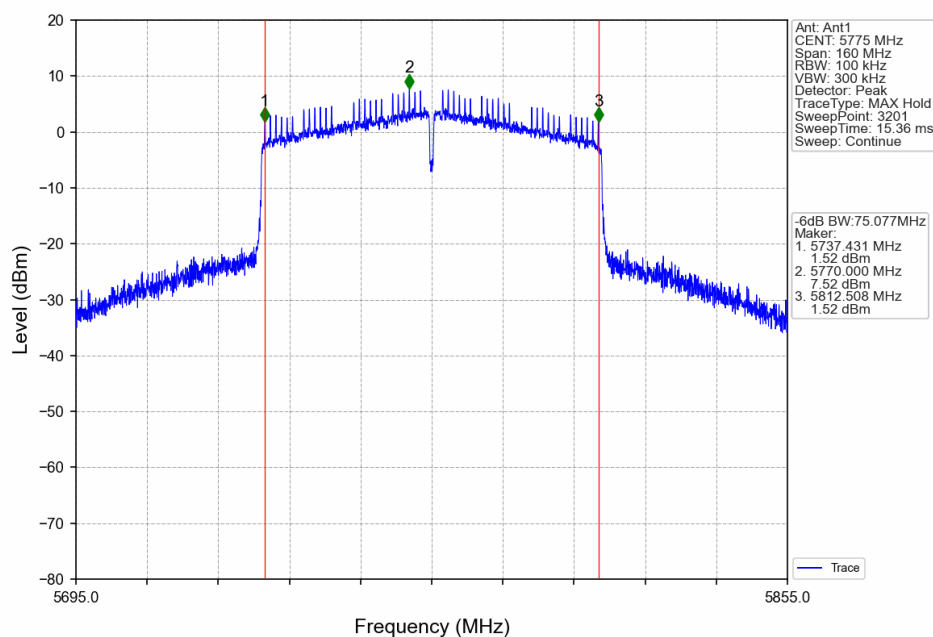
### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



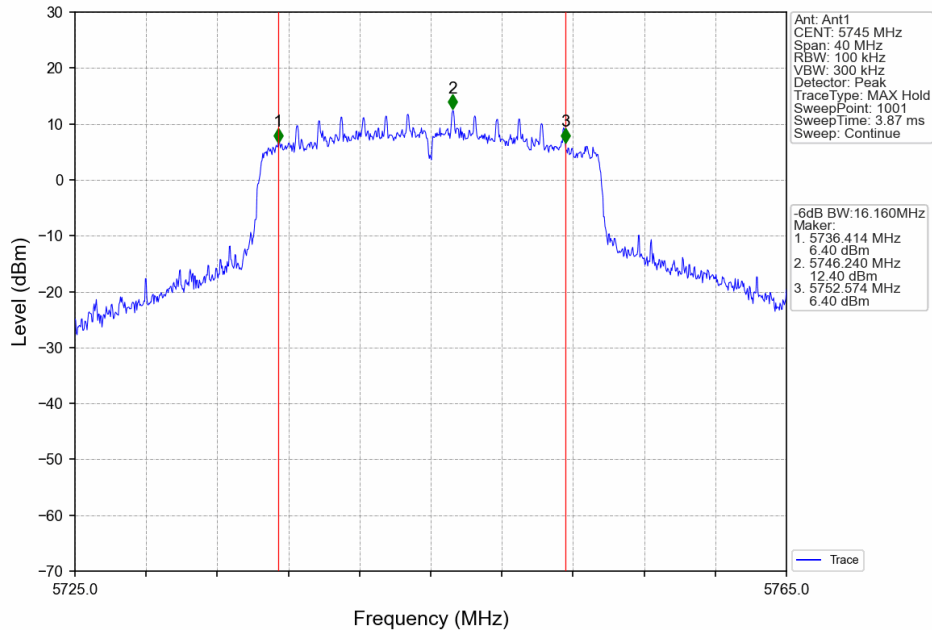
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



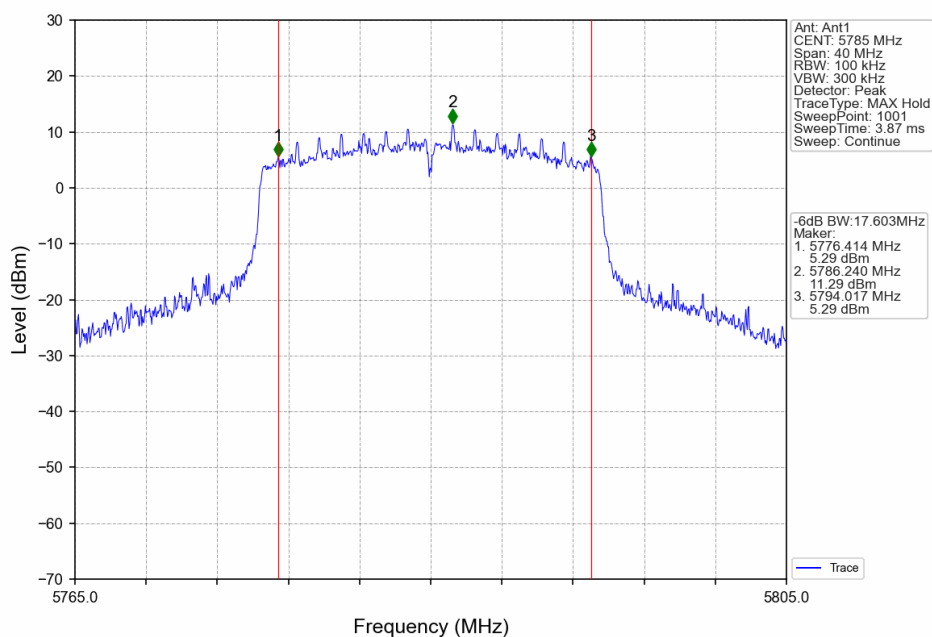
### 802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



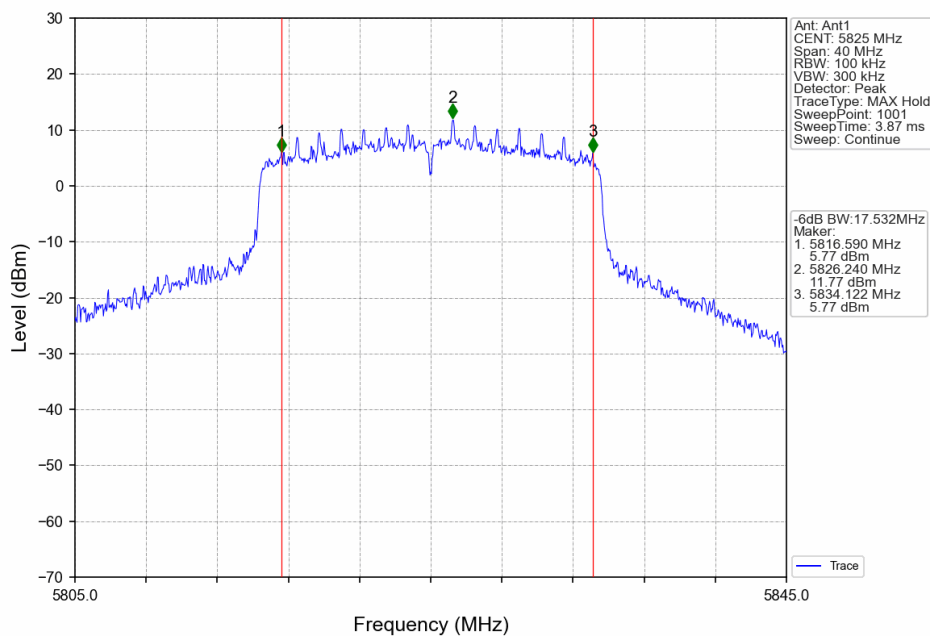
### 802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



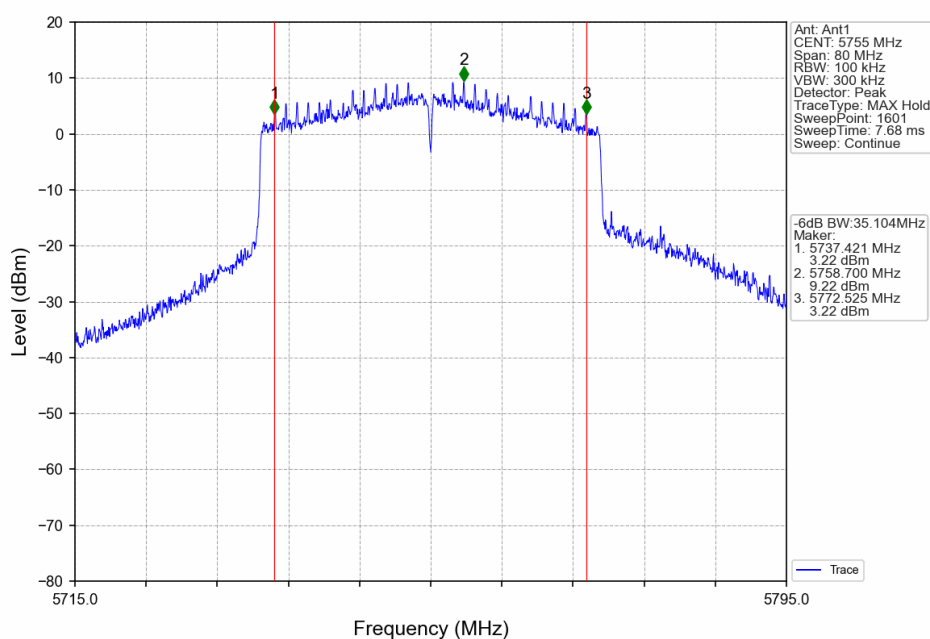
### 802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV

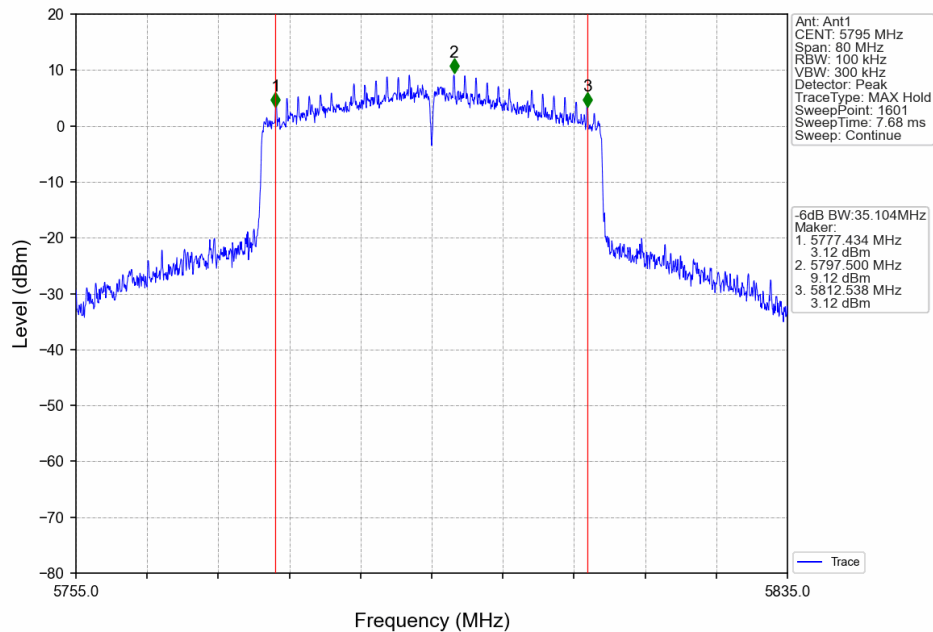


### 802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV

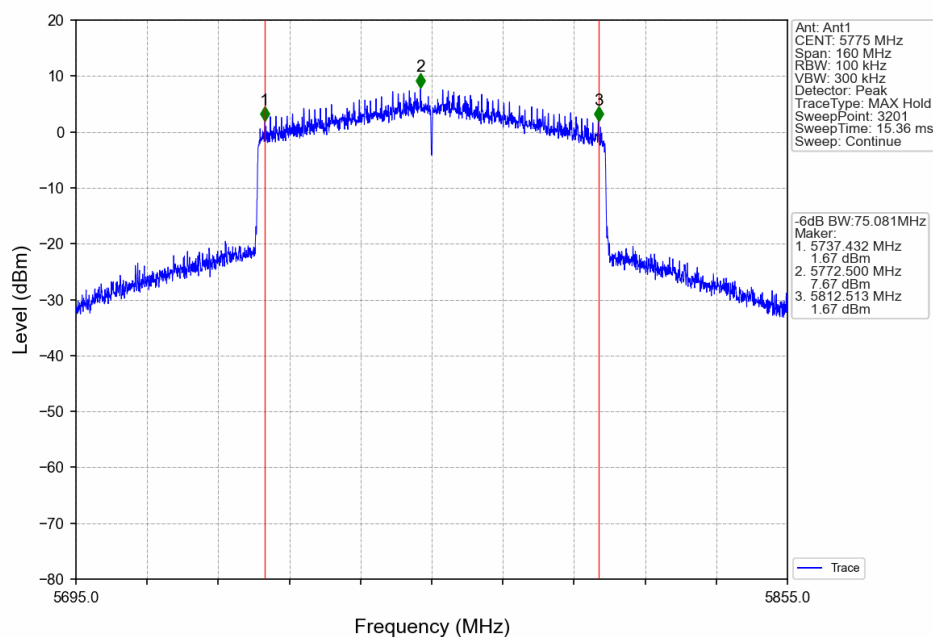




### 802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



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

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

Report No.: SZCR230200048903

Page: 510 of 758

### 2.3 26dB BW

#### 2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)	Verdict
						Result	
802.11a	MIMO	5180	/	/	1	22.303	Pass
		5200	/	/	1	21.775	Pass
		5240	/	/	1	19.830	Pass
		5260	/	/	1	19.728	Pass
		5300	/	/	1	22.573	Pass
		5320	/	/	1	22.361	Pass
		5500	/	/	1	22.913	Pass
		5580	/	/	1	19.966	Pass
		5700	/	/	1	24.872	Pass
802.11n (HT20)	MIMO	5180	/	/	1	21.939	Pass
		5200	/	/	1	22.807	Pass
		5240	/	/	1	20.037	Pass
		5260	/	/	1	20.805	Pass
		5300	/	/	1	24.569	Pass
		5320	/	/	1	22.820	Pass
		5500	/	/	1	24.119	Pass
		5580	/	/	1	20.603	Pass
		5700	/	/	1	22.170	Pass
802.11n (HT40)	MIMO	5190	/	/	1	43.542	Pass
		5230	/	/	1	39.794	Pass
		5270	/	/	1	39.649	Pass
		5310	/	/	1	41.244	Pass
		5510	/	/	1	41.662	Pass
		5550	/	/	1	39.784	Pass
		5670	/	/	1	53.627	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	22.028	Pass
		5200	/	/	1	24.117	Pass
		5240	/	/	1	20.114	Pass
		5260	/	/	1	20.709	Pass
		5300	/	/	1	24.009	Pass
		5320	/	/	1	23.358	Pass
		5500	/	/	1	23.136	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](mailto: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.: SZCR230200048903

Page: 511 of 758

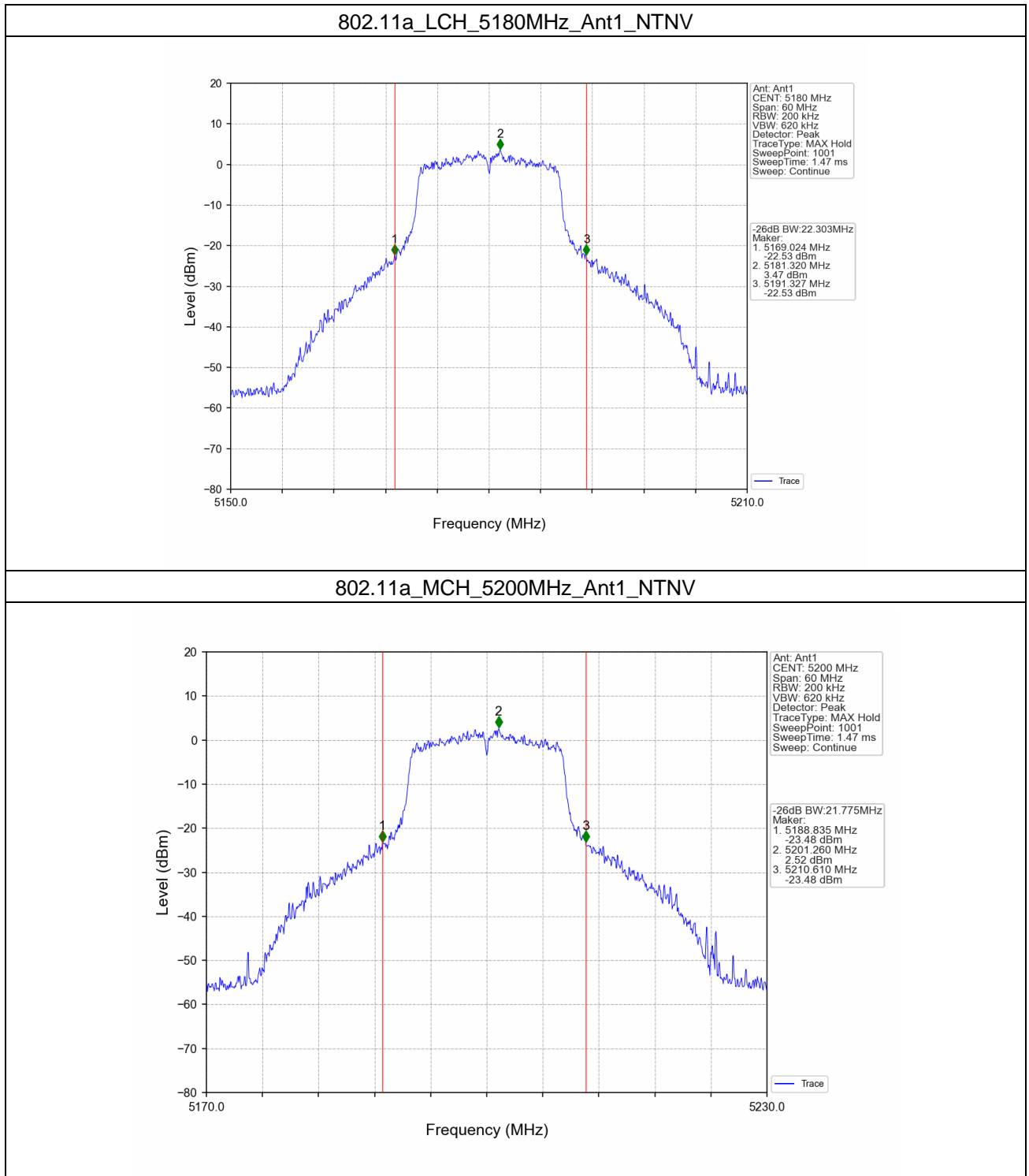
		5580	/	/	1	20.836	Pass
		5700	/	/	1	23.576	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	45.522	Pass
		5230	/	/	1	40.012	Pass
		5270	/	/	1	40.145	Pass
		5310	/	/	1	43.061	Pass
		5510	/	/	1	42.929	Pass
		5550	/	/	1	40.115	Pass
		5670	/	/	1	49.050	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	96.211	Pass
		5290	/	/	1	84.470	Pass
		5530	/	/	1	91.210	Pass
		5610	/	/	1	79.605	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	161.007	Pass
		5250	/	/	1	161.122	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	22.304	Pass
		5200	RU242	Left	1	25.214	Pass
		5240	RU242	Left	1	19.890	Pass
		5260	RU242	Left	1	21.294	Pass
		5300	RU242	Left	1	24.074	Pass
		5320	RU242	Left	1	23.812	Pass
		5500	RU242	Left	1	22.419	Pass
		5580	RU242	Left	1	20.962	Pass
802.11ax (HEW40)	MIMO	5700	RU242	Left	1	24.170	Pass
		5190	RU484	Left	1	40.812	Pass
		5230	RU484	Left	1	39.544	Pass
		5270	RU484	Left	1	39.433	Pass
		5310	RU484	Left	1	39.942	Pass
		5510	RU484	Left	1	43.817	Pass
		5550	RU484	Left	1	39.467	Pass
		5670	RU484	Left	1	42.274	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	80.288	Pass
		5290	RU996	Left	1	84.220	Pass
		5530	RU996	Left	1	91.414	Pass
		5610	RU996	Left	1	80.085	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	1	161.665	Pass
		5250	2xRU996	Left	1	161.874	Pass



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

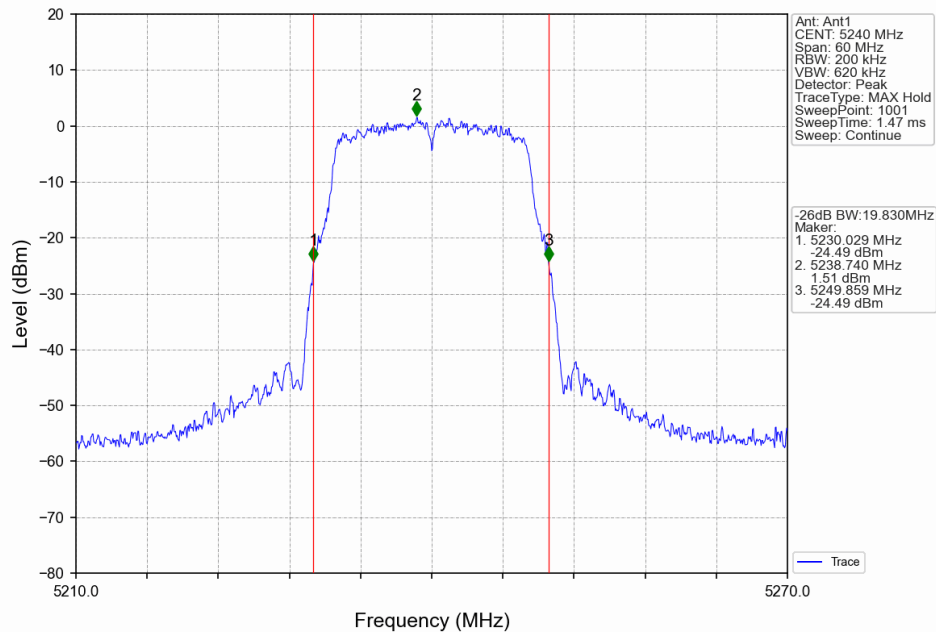
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto: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

### 2.3.2 Test Graph

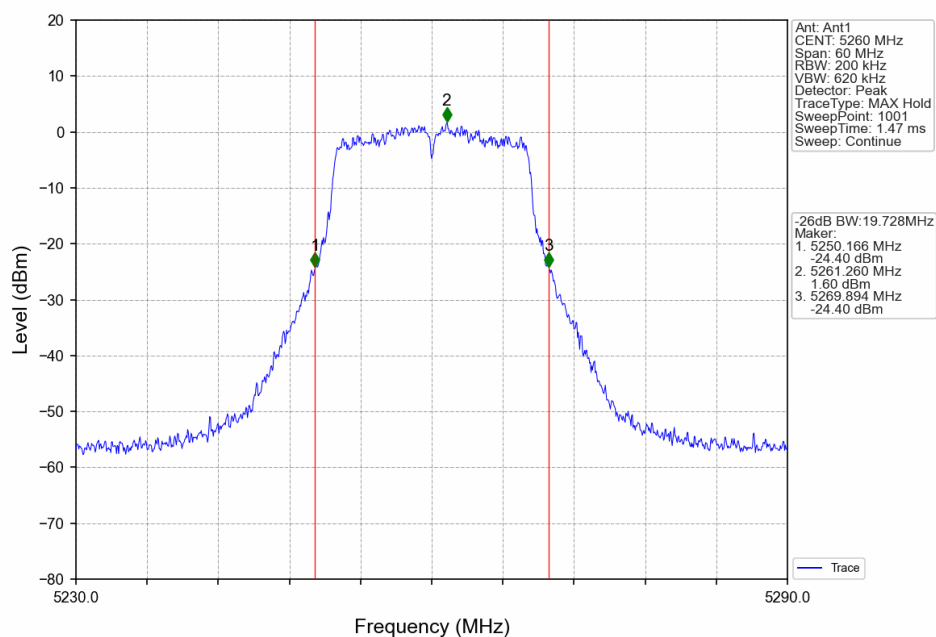




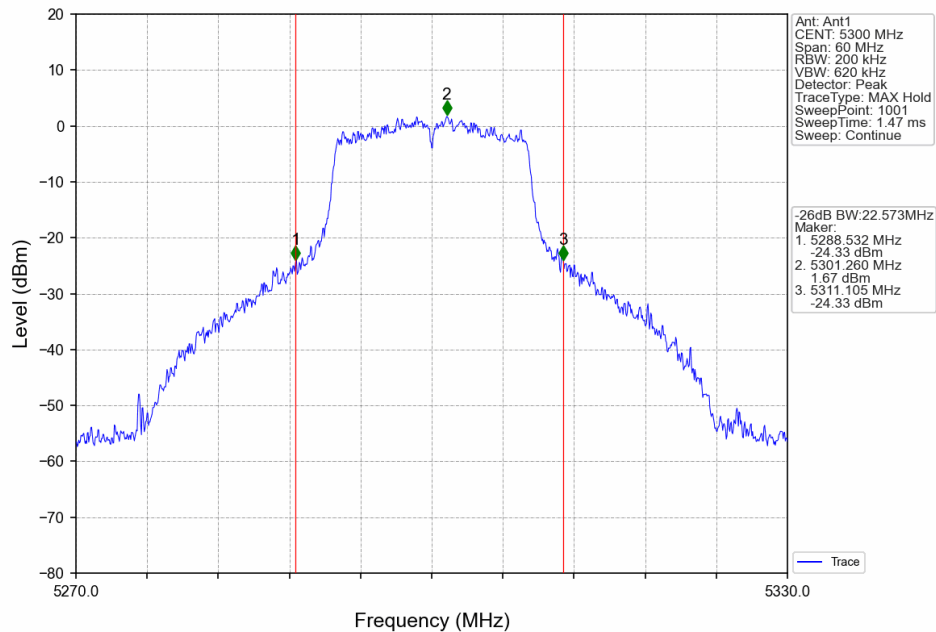
### 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



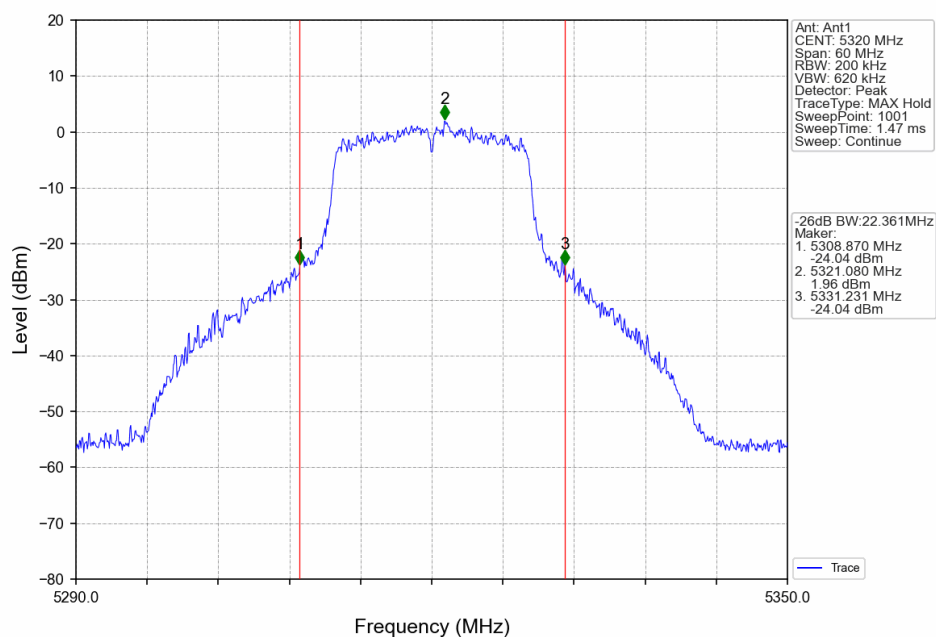
### 802.11a\_LCH\_5260MHz\_Ant1\_NTNV



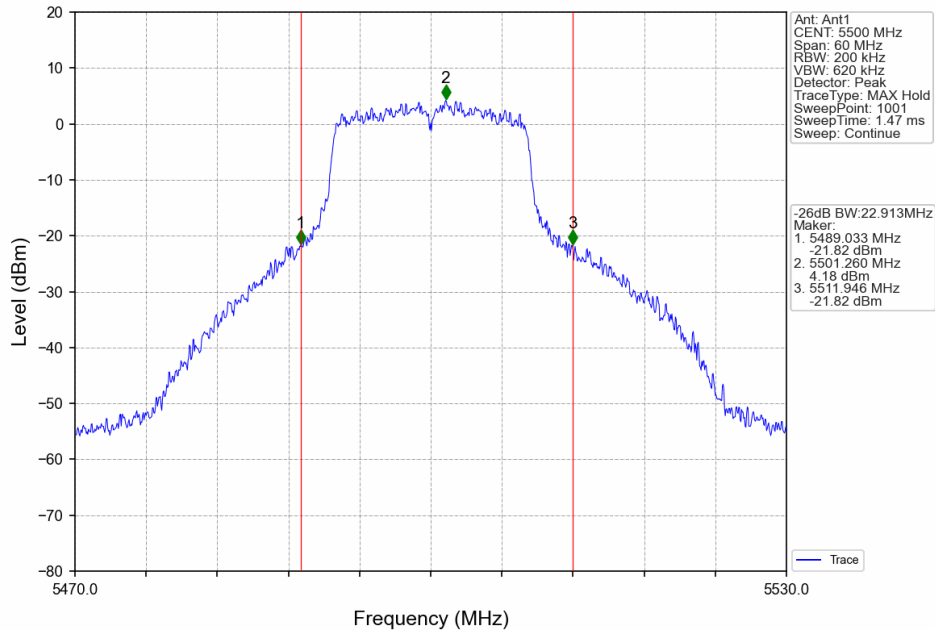
### 802.11a\_MCH\_5300MHz\_Ant1\_NTNV



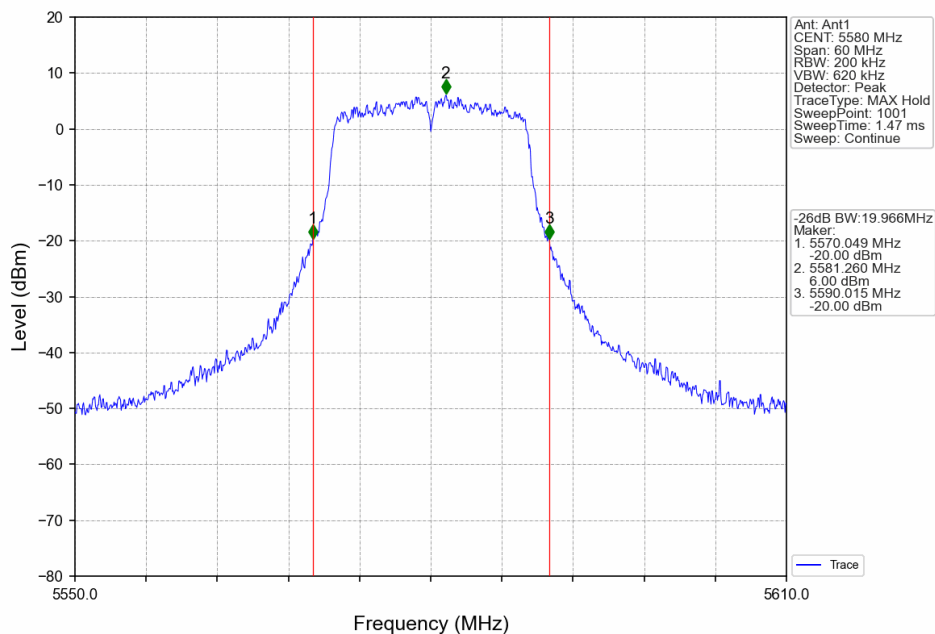
### 802.11a\_HCH\_5320MHz\_Ant1\_NTNV



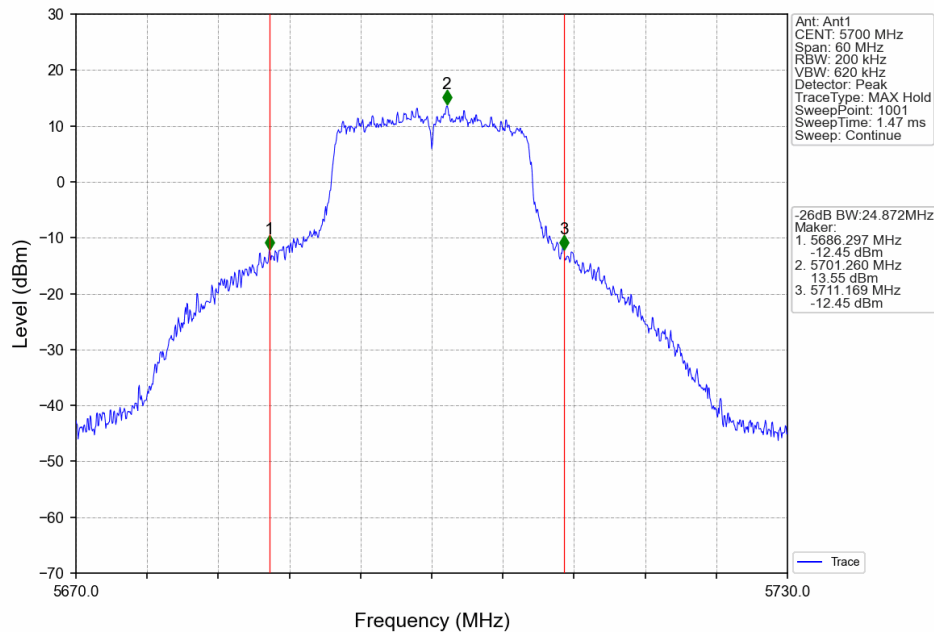
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



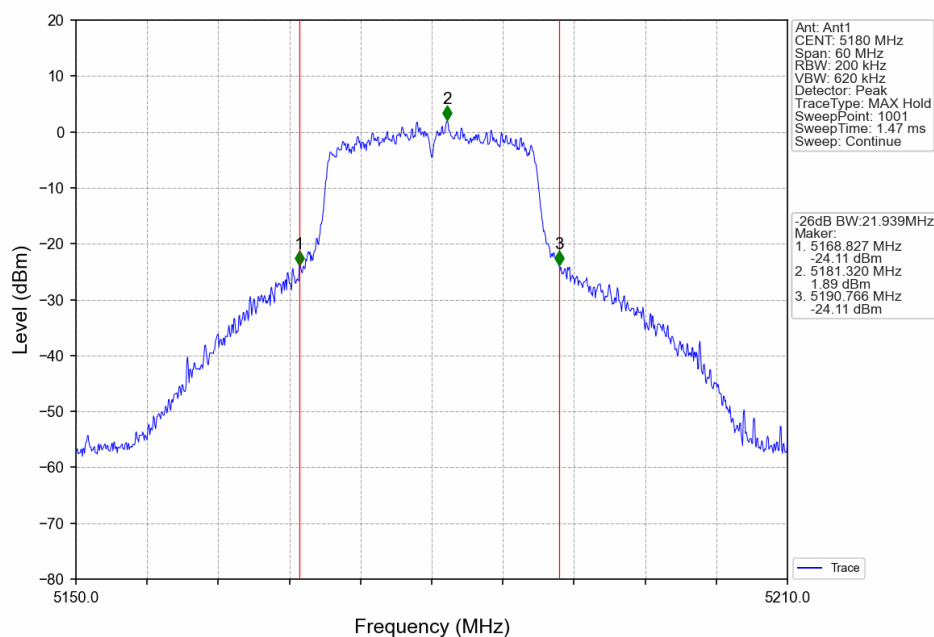
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



### 802.11a\_HCH\_5700MHz\_Ant1\_NTNV

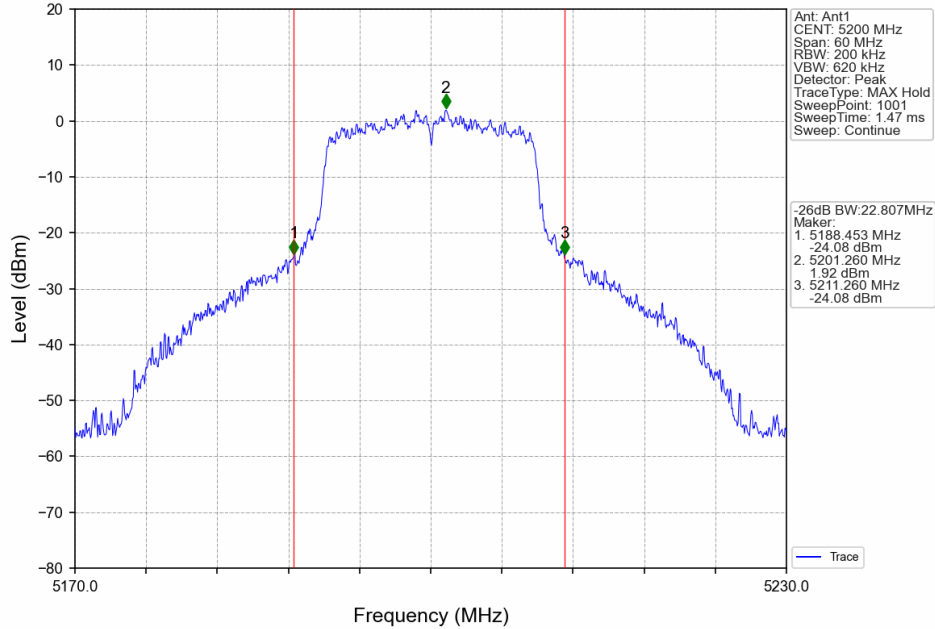


### 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV

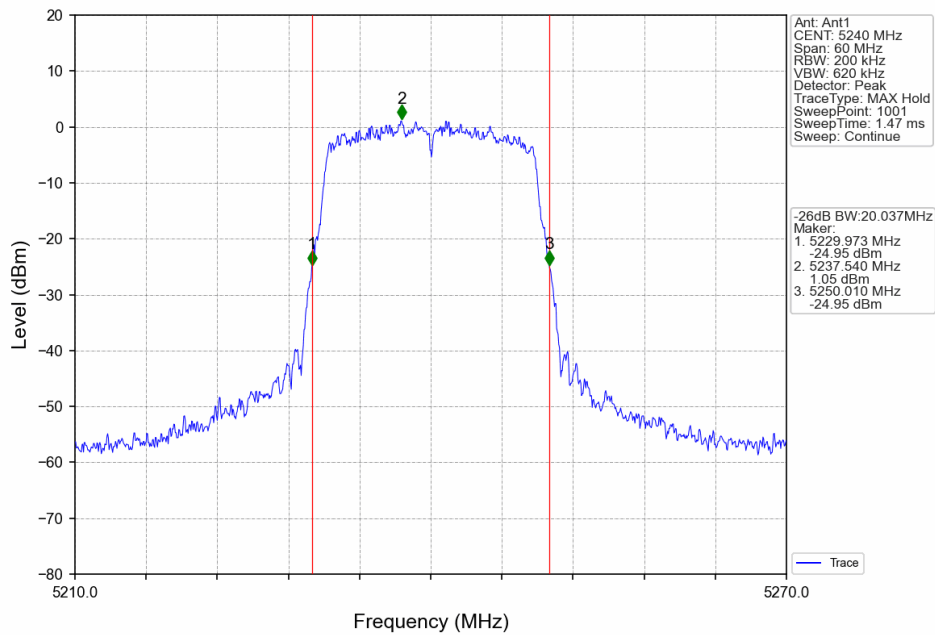




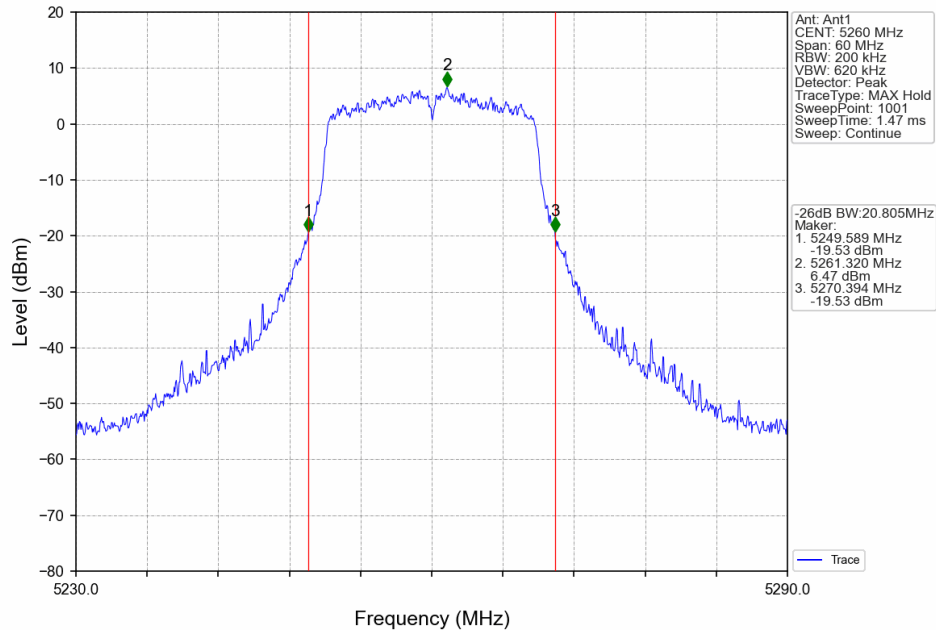
### 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



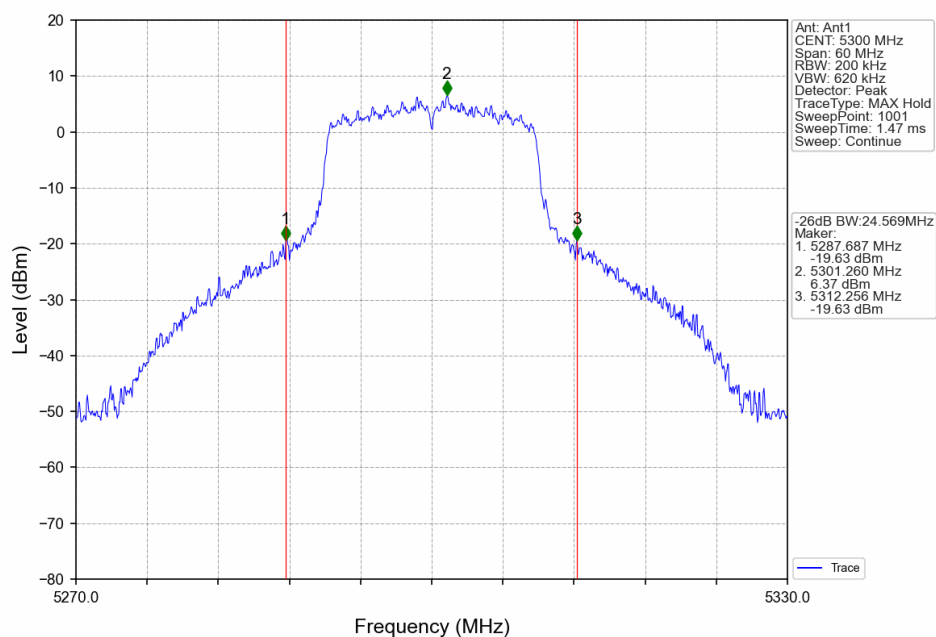
### 802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



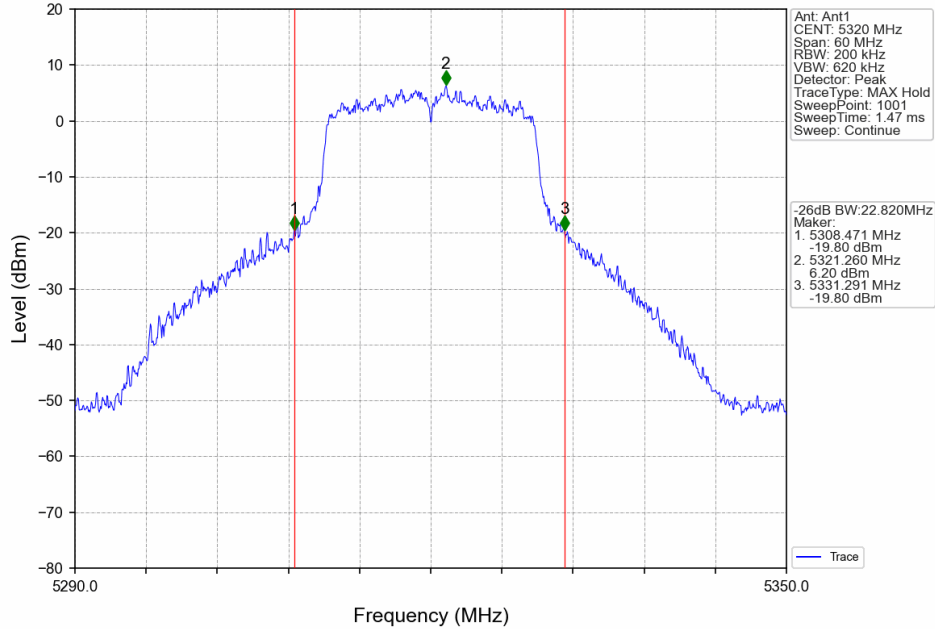
### 802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



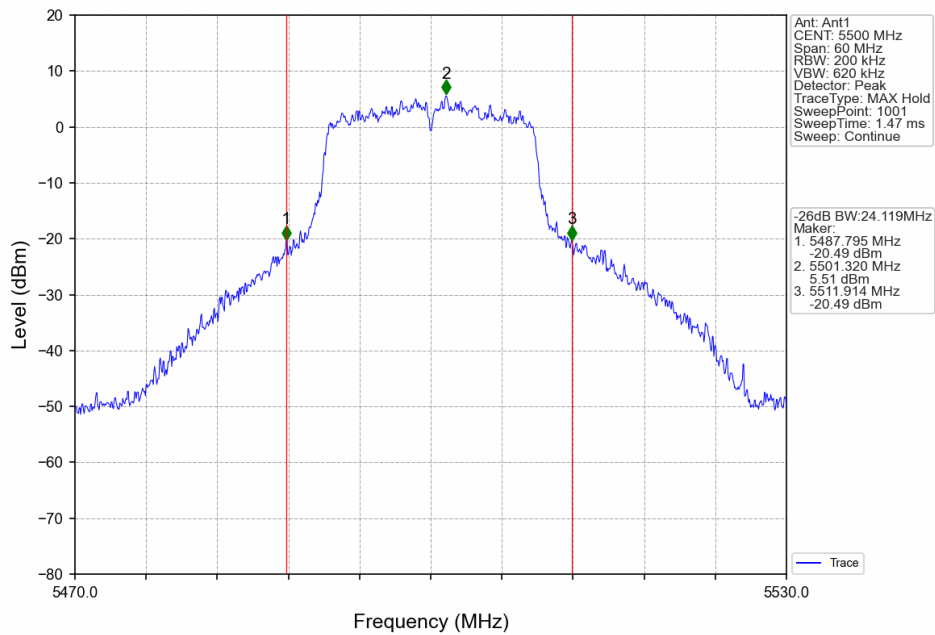
### 802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



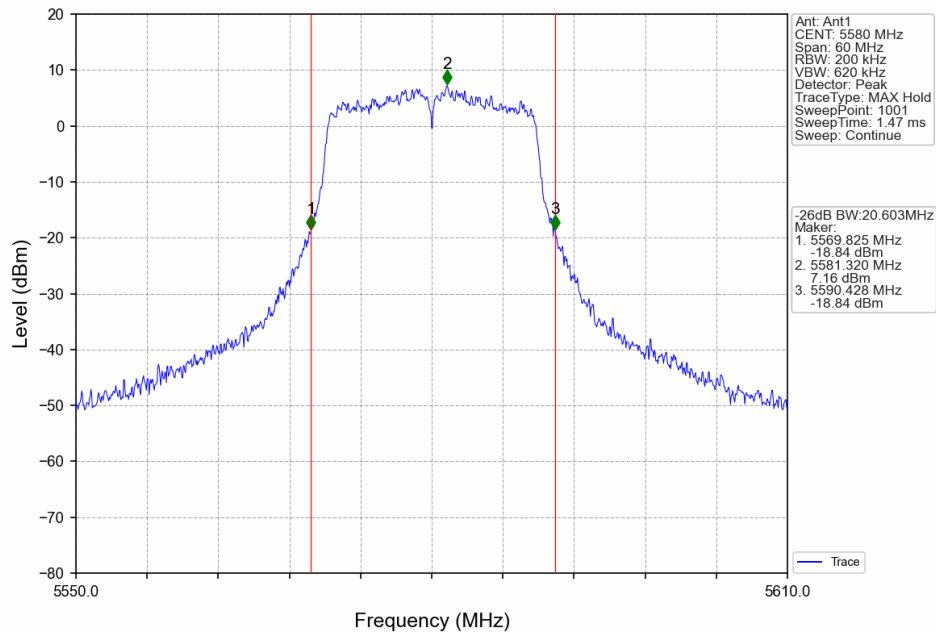
### 802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



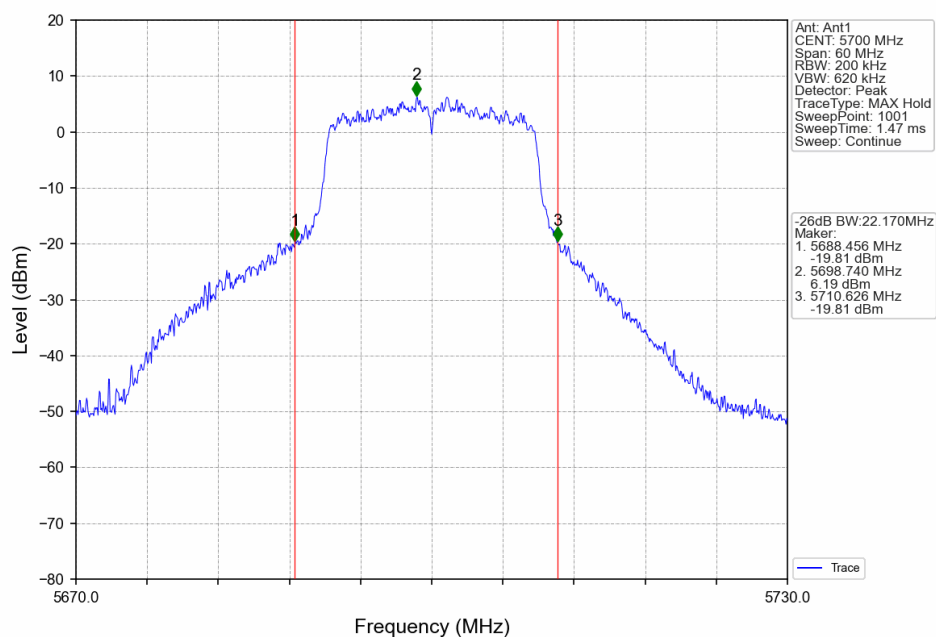
### 802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



### 802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV

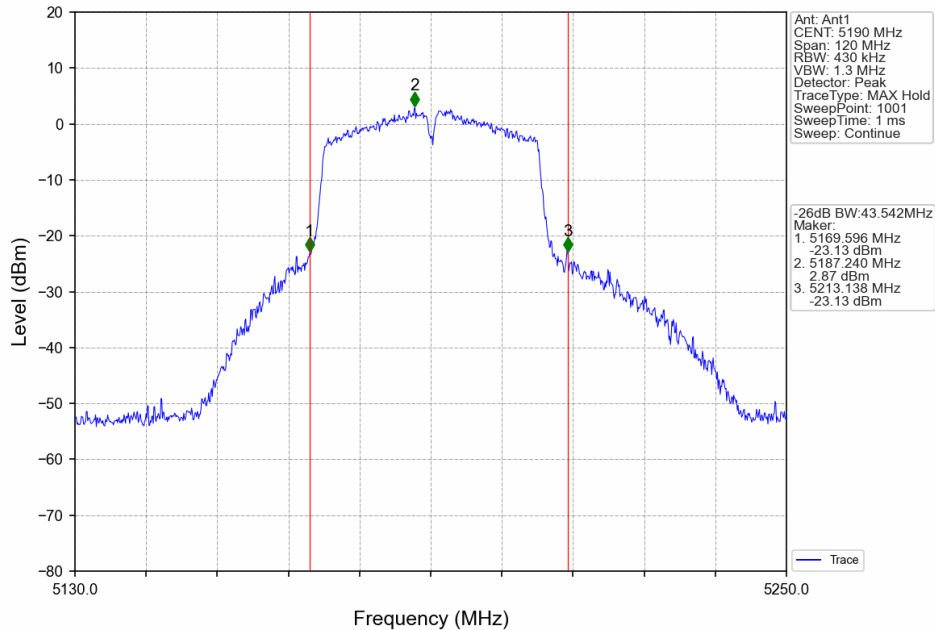


### 802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV

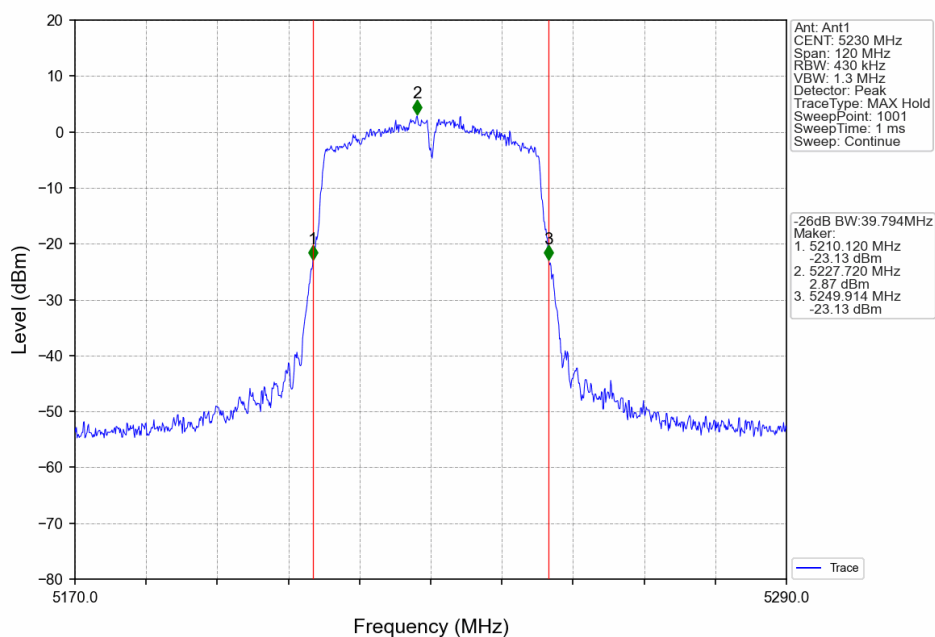




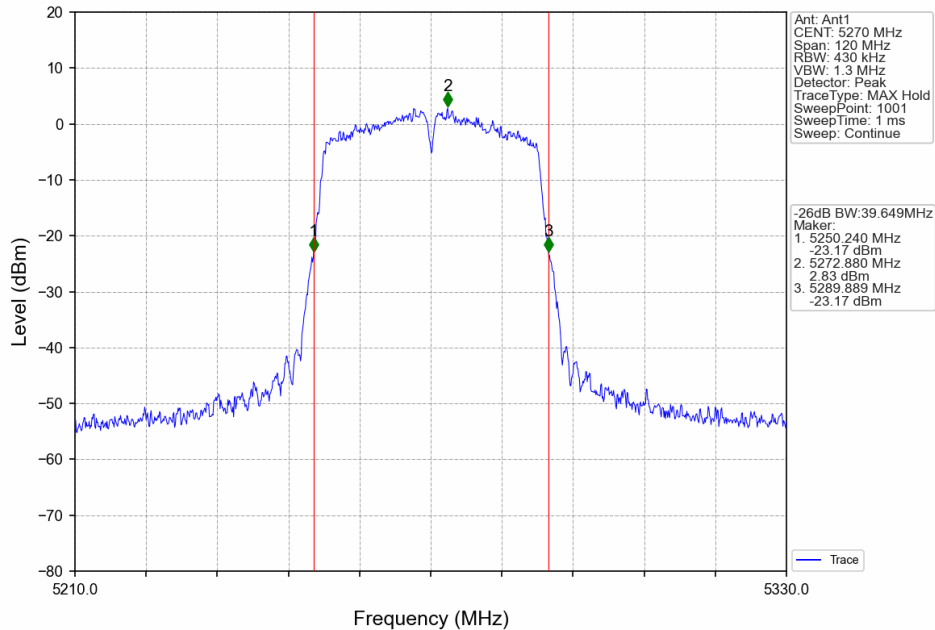
### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



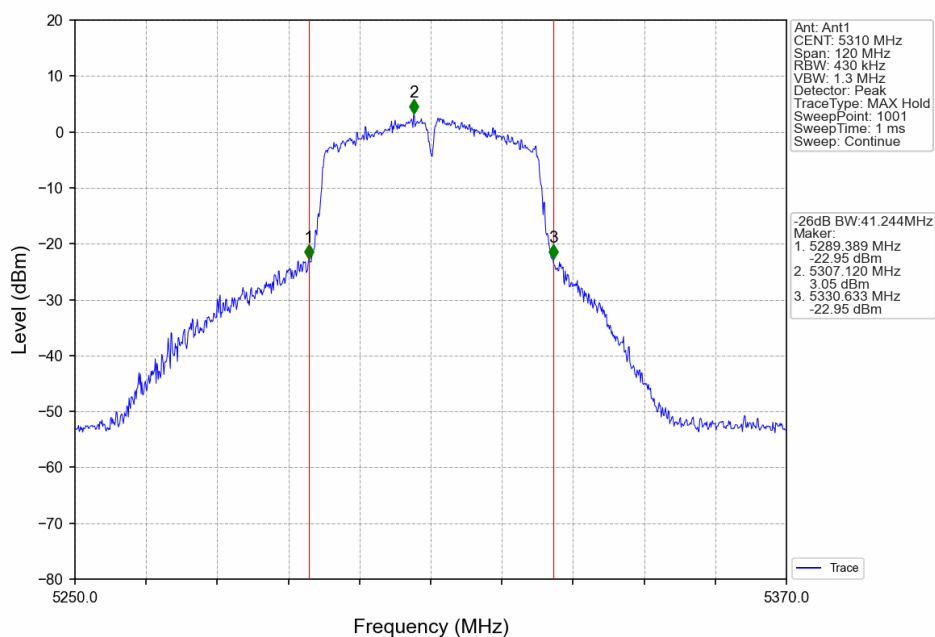
### 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



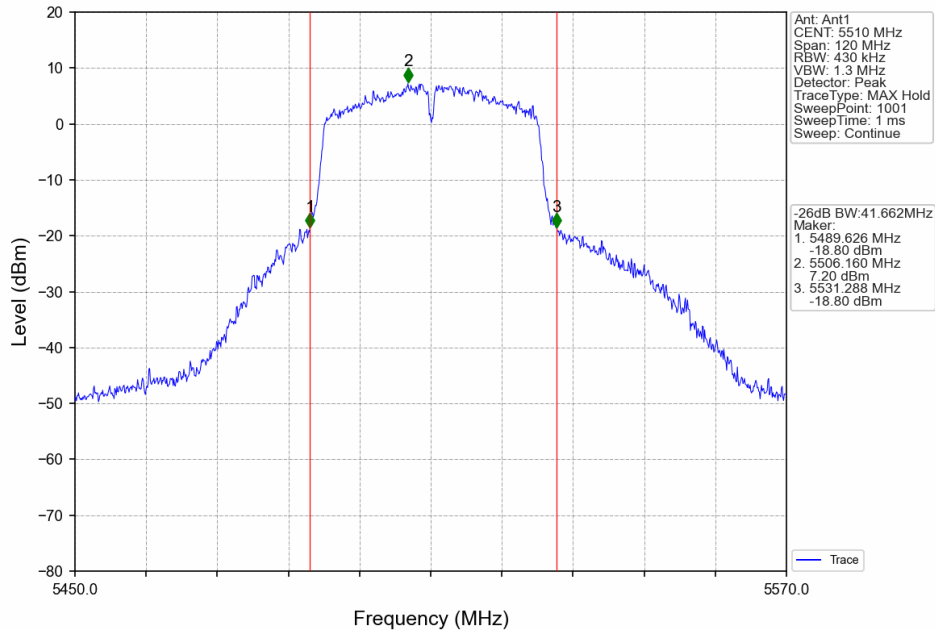
### 802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



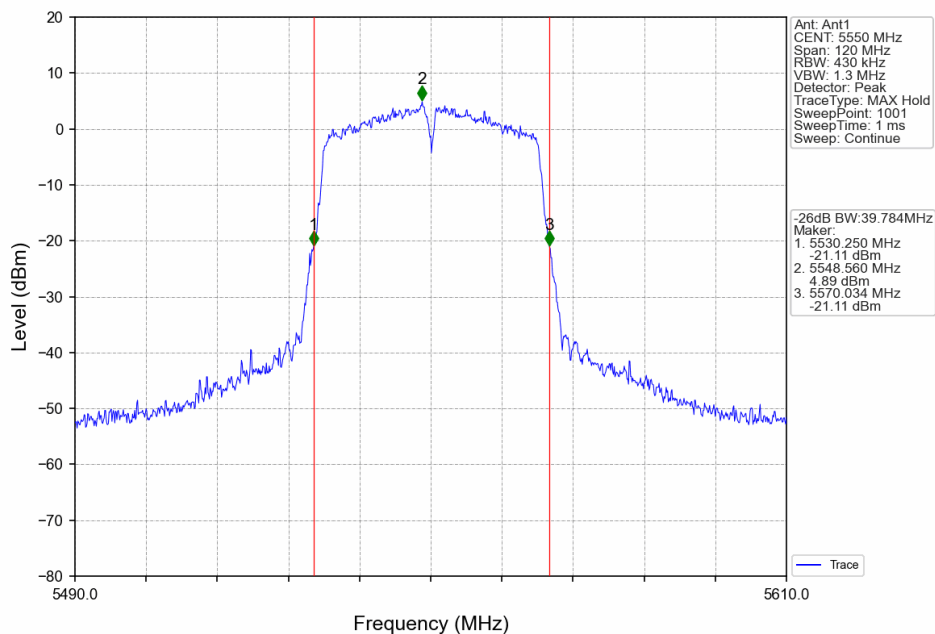
### 802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



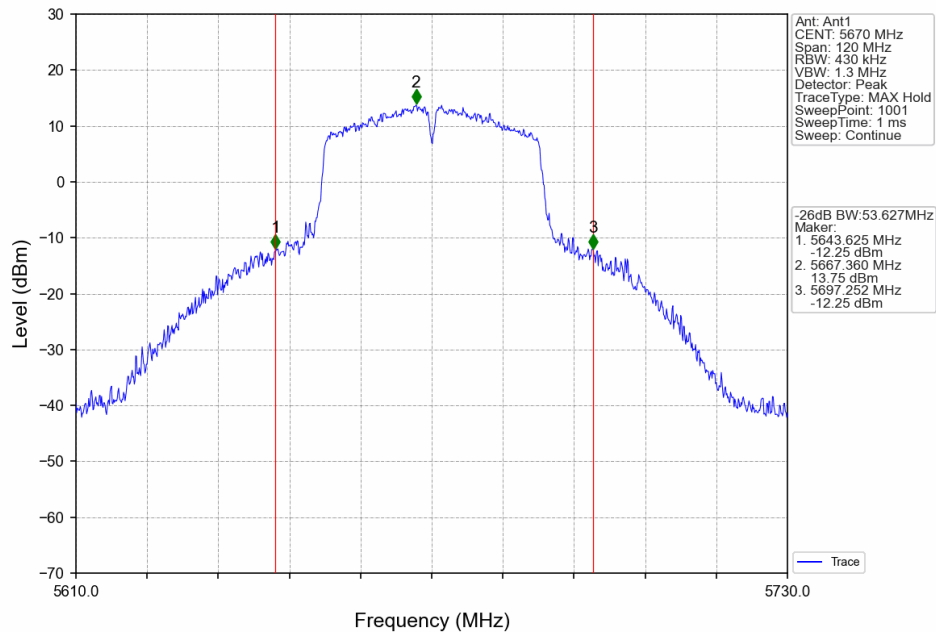
### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



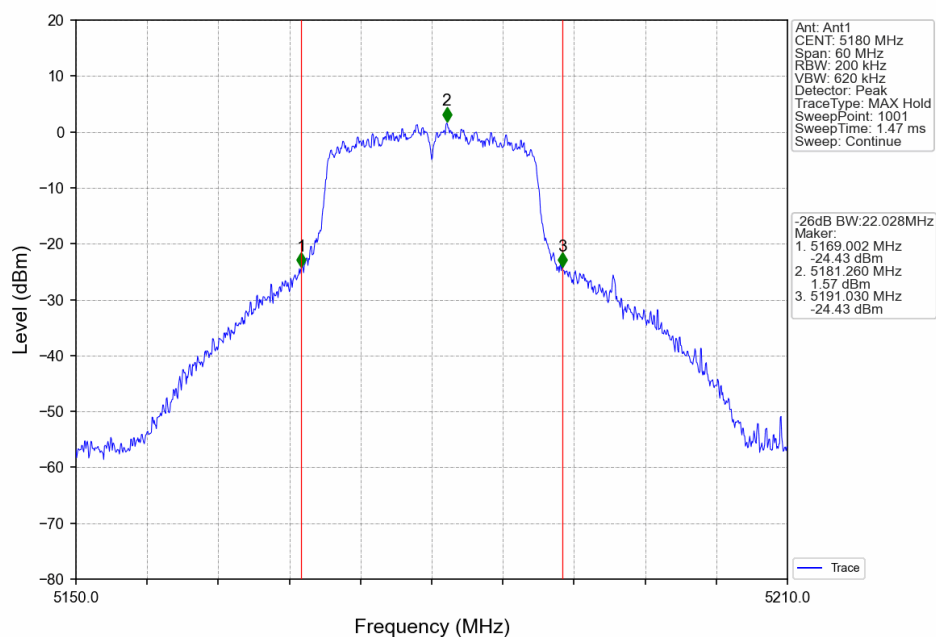
### 802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



### 802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV

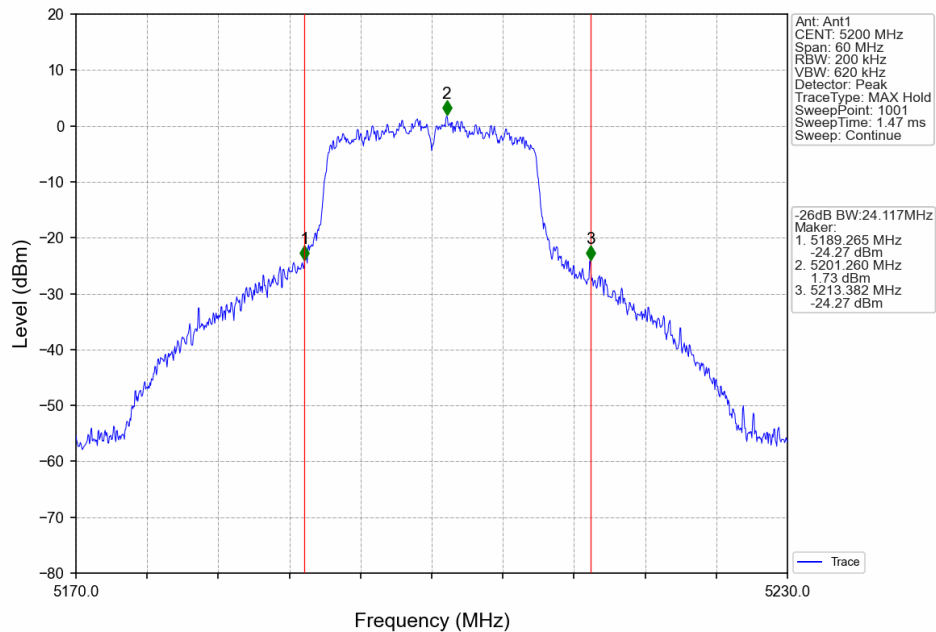


### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV

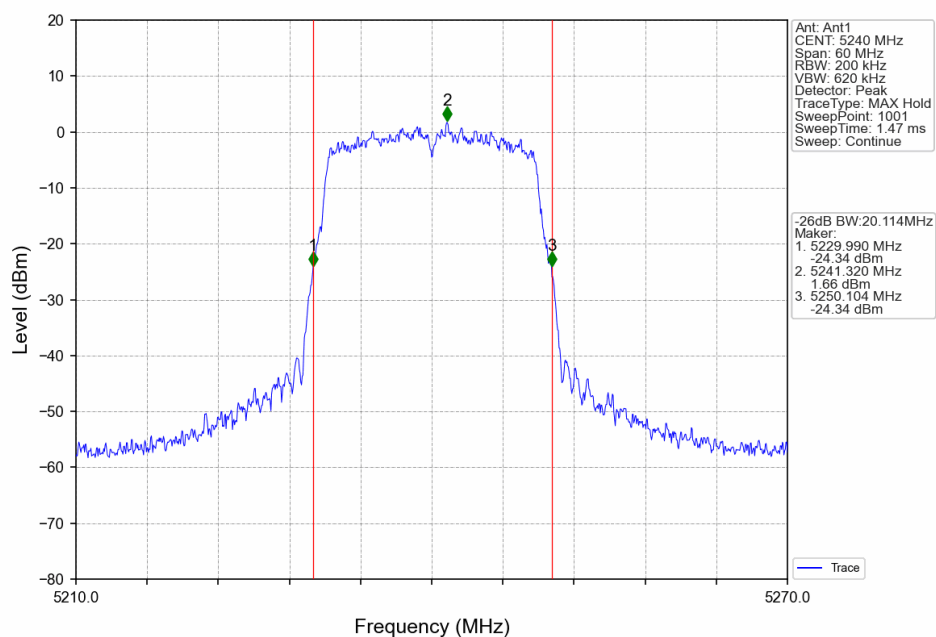




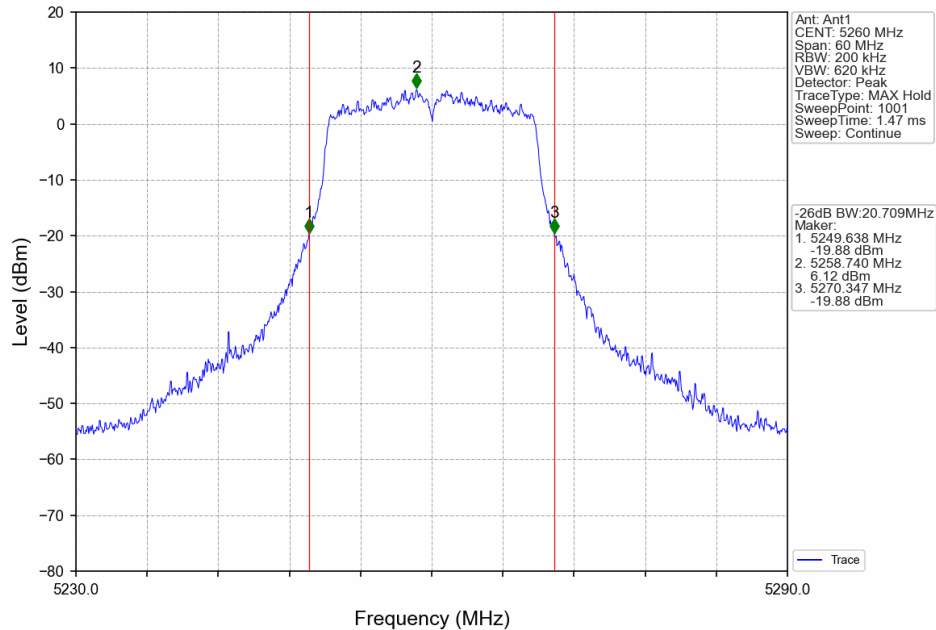
### 802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



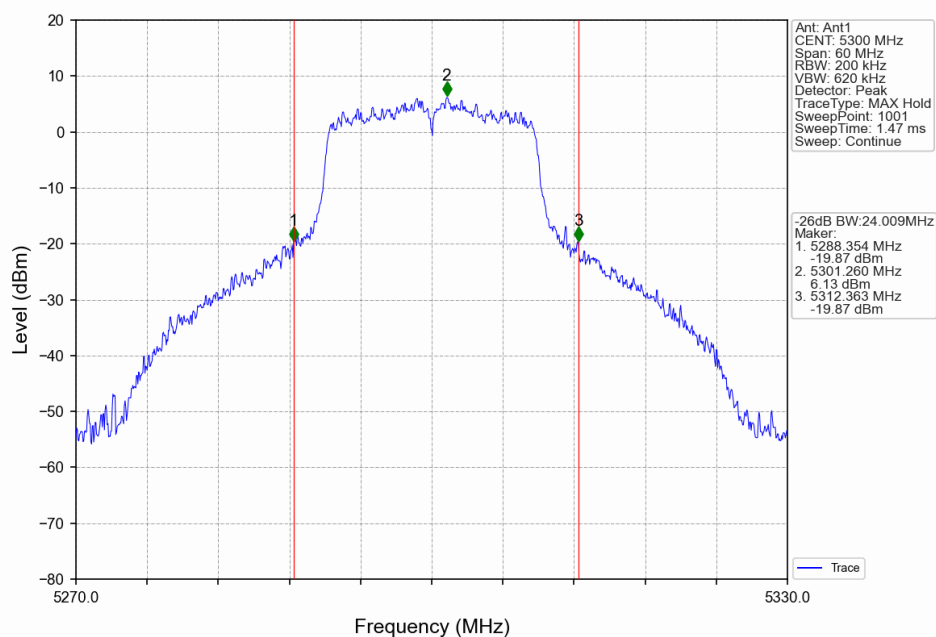
### 802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



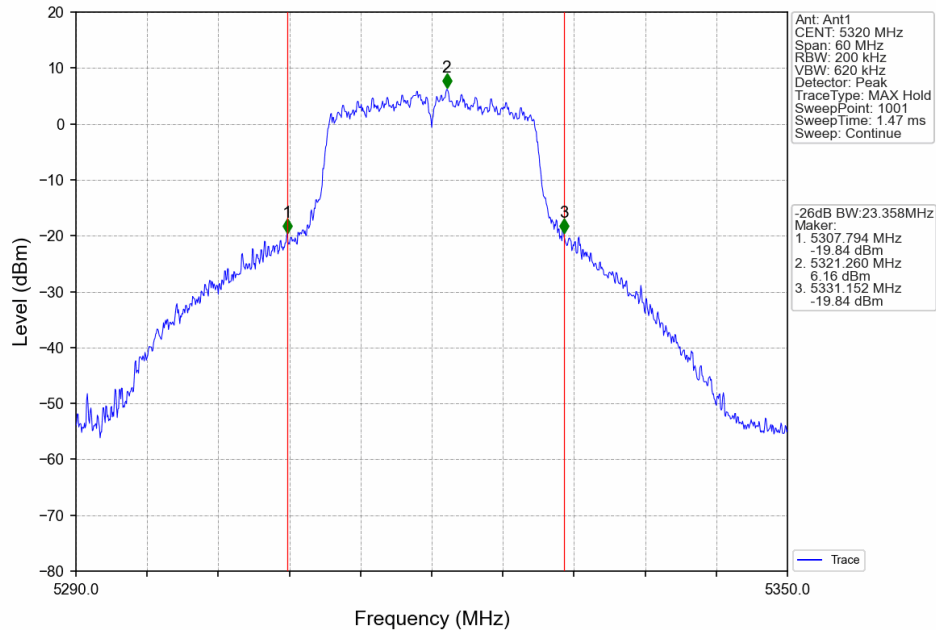
### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV

