

FCC - TEST REPORT

Report Number : **68.950.24.0511.01** Date of Issue: **2024-11-26**

Model : **EAV-RC50**

Product Name : Remote Controller

Applicant : SUZHOU EAVISION ROBOTIC TECHNOLOGIES CO., LTD

Address : Unit 1-A, No.3 Workshop, 28 Xiasheng Road, SIP Suzhou,
Jiangsu, China 215000

Manufacturer : SUZHOU EAVISION ROBOTIC TECHNOLOGIES CO., LTD

Address : Unit 1-A, No.3 Workshop, 28 Xiasheng Road, SIP Suzhou,
Jiangsu, China 215000

Factory : SUZHOU EAVISION ROBOTIC TECHNOLOGIES CO., LTD

Address : Unit 1-A, No.3 Workshop, 28 Xiasheng Road, SIP Suzhou,
Jiangsu, China 215000

Test Result : ☒ **Positive** ☐ **Negative**

Total pages including
Appendices : **364**

Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4.

1 Table of Contents

1 TABLE OF CONTENTS	2
2 DETAILS ABOUT THE TEST LABORATORY	3
3 DESCRIPTION OF THE EQUIPMENT UNDER TEST	4
3 SUMMARY OF TEST STANDARDS.....	5
5 SUMMARY OF TEST RESULTS	6
6 GENERAL REMARKS	7
7 TEST SETUPS.....	8
8. SYSTEMS TEST CONFIGURATION	10
9 TECHNICAL REQUIREMENT	12
9.1 Conducted Emission	12
9.2 Emission Bandwidth	15
9.3 Maximum Conducted Output Power	199
9.4 Maximum Power Spectral Density	202
9.5 Unwanted Emissions	295
9.6 Frequencies Stability	348
9.7 Dynamic Frequency Selection (DFS)	354
10 TEST EQUIPMENT LIST	362
11 SYSTEM MEASUREMENT UNCERTAINTY	364

2 Details about the Test Laboratory

Details about the Test Laboratory

Test Site 1

Company name: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12 & 13, Zhiheng Wisdomland Business Park, Guankou Erlu,
Nantou, Nanshan District, Shenzhen, Guangdong, China

Telephone: +86 755 8828 6998

Fax: +86 755 8828 5299

FCC Registration No.: 514049

FCC Designation Number: CN5009

3 Description of the Equipment Under Test

Description of the Equipment Under Test

Product:	Remote Controller
Model no.:	EAV-RC50
FCC ID:	2AXLB-EAV-RC50
Rating:	Input: DC20V $\overline{\text{---}}$ 3.25A Battery Capacity: 7.6V, 13100mAh
RF Transmission Frequency:	5.150GHz~5.250GHz 5.250GHz~5.350GHz 5.470GHz~5.725GHz 5.725GHz~5.850GHz
Modulation:	802.11a: BPSK, QPSK, 16QAM, 64QAM 802.11n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Antenna Type:	FPC antenna
Antenna 1	0.9dBi
Antenna 2	0.9dBi
Description of the EUT:	EUT is a Remote Controller which support 2.4G (BR, Slot), Bluetooth (BR+EDR+BLE), Wi-Fi operated at 2.4GHz and 5GHz, GSM, WCDMA and LTE. Only 5G Wi-Fi included in this report.

NOTE 1: The above EUT's information is declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

NOTE 2: The device shall not be capable of transmitting in the band 5600-5650MHz.

3 Summary of Test Standards

Test Standards	
FCC Part 15 Subpart E, 10-1-2023 Edition	PART 15 - RADIO FREQUENCY DEVICES Subpart E - Unlicensed National Information Infrastructure Devices

Test Method:

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

KDB 905462 D03 Client Without DFS New Rules v01r02

KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

5 Summary of Test Results

Technical Requirements				
FCC Part 15 Subpart E				
Test Condition	Test Site	Test Result		
		Pass	Fail	N/A
15.207 Conducted Emission AC Power Port	Site 1	☒	☐	☐
15.407(a)(5) Emission bandwidth	Site 1	☒	☐	☐
15.407(a)(1) 15.407(a)(3) Maximum Conducted Output Power	Site 1	☒	☐	☐
15.407(a)(1) 15.407(a)(3) Peak Power Spectral Density	Site 1	☒	☐	☐
15.407(b)(1) 15.407(b)(4) 15.407(b)(6) 15.407(b)(7) 15.209 Unwanted Emissions	Site 1	☒	☐	☐
15.407(g) Frequencies Stability	Site 1	☒	☐	☐
15.407(h) Dynamic Frequency Selection (DFS).	Site 1	☒	☐	☐
15.203 Antenna requirement	See NOTE 2	☒	☐	☐

NOTE 1: The EUT operate as Clients Device without Radar Detection.

NOTE 2: The EUT uses a FPC antenna, which gain Ant1 = 0.9dBi, Ant2 = 0.9dBi. In accordance to §15.203, it is considered sufficiently to comply with the provisions of this section.

6 General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID: 2AXLB-EAV-RC50, complies with Section 15.207, 15.209, 15.407 of the FCC Part 15, Subpart E rules.

SUMMARY:

All tests according to the regulations cited on page 5 were

■ - Performed

□ - **Not** Performed

The Equipment Under Test

■ - **Fulfills** the general approval requirements.

□ - **Does not** fulfill the general approval requirements.

Sample Received Date: 2024-03-23

Testing Start Date: 2024-03-23

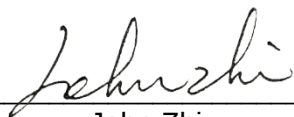
Testing End Date: 2024-11-06

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch –

Reviewed by:

Prepared by:

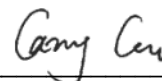
Tested by:



John Zhi
Project Manager



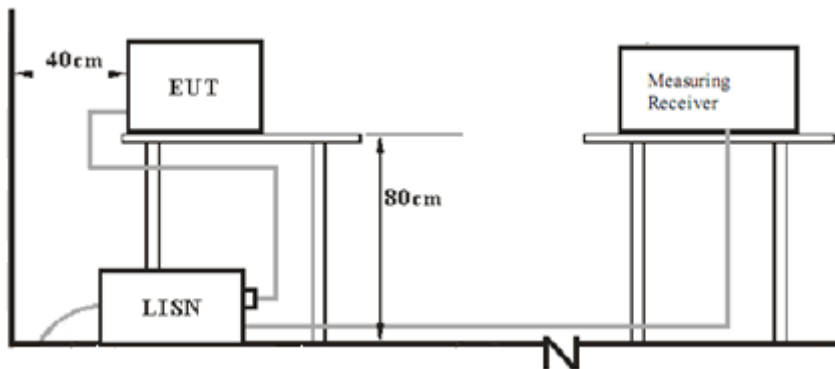
Hayden Hu
Project Engineer



Carry Cai
Test Engineer

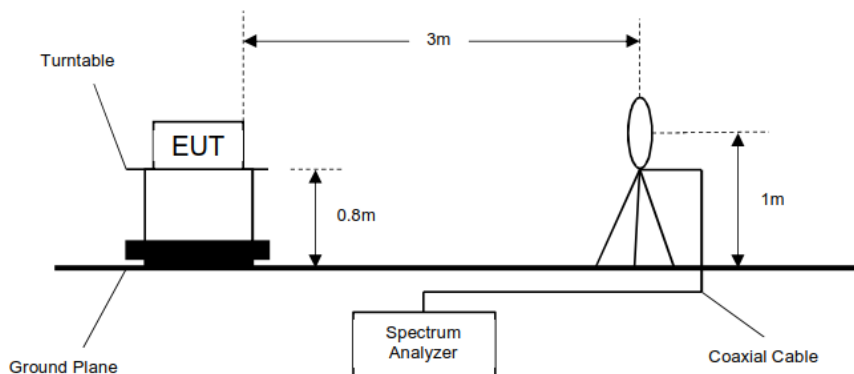
7 Test setups

7.1 AC Power Line Conducted Emission test setups

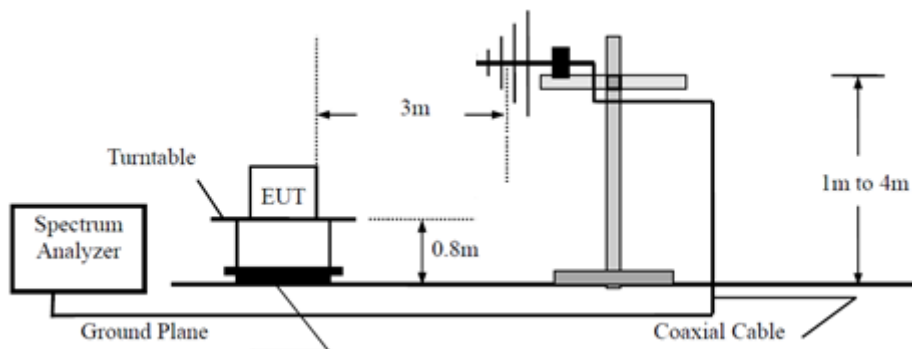


7.2 Radiated test setups

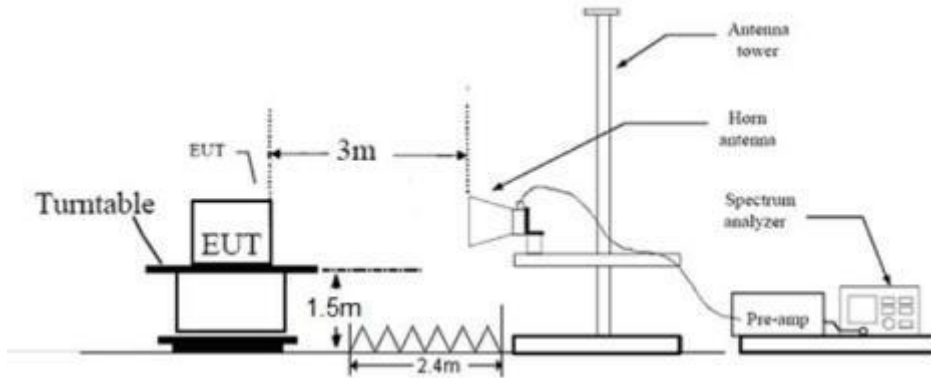
9kHz - 30MHz



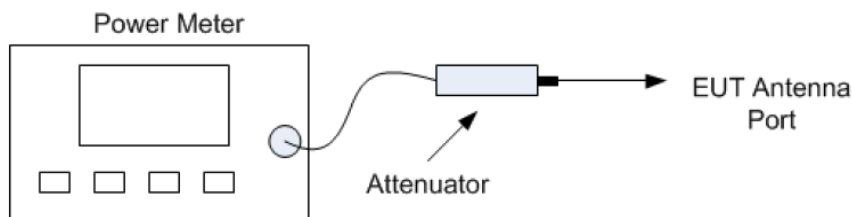
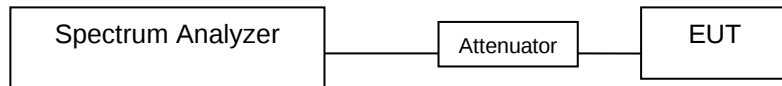
30MHz - 1GHz



Above 1GHz

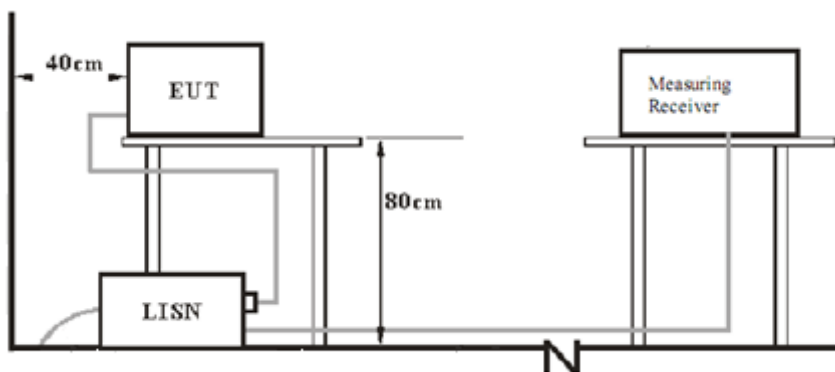


7.3 Conducted RF test setups



Power meter conducted test setup

7.4 AC Power Line Conducted Emission test setups



8. Systems Test Configuration

Auxiliary Equipment Used during Test:

Description	Manufacturer	Model No.	Remark
Notebook	Lenovo	X220	---

Cables Used During Test:

Cable	Length	Shielded/unshielded	With / without ferrite
---	---	---	---

In order to find the worst case condition, pre-tests are needed at the presence of different data rate. Preliminary tests have been done on all the configuration for confirming worst case. Data rate below means worst-case rate of each test item.

Band	Power Setting	Data Rate
802.11a	14	6 Mbps
802.11n HT20	14	MCS0(6.5Mbps)
802.11n HT40	14	MCS0(13.5Mbps)
802.11ac HT20	14	MCS0(6.5Mbps)
802.11ac HT40	14	MCS0(13.5Mbps)
802.11ac HT80	14	MCS0(29.3Mbps)
802.11ac HT160	14	MCS0(58.5Mbps)
802.11ax HT20	14	MCS0(16Mbps)
802.11ax HT40	14	MCS0(32Mbps)
802.11ax HT80	14	MCS0(68Mbps)
802.11ax HT160	14	MCS0(136Mbps)

The system was configured to channel:

Test Mode	Channel (MHz)		
	5G WIFI_U-NII-1		
802.11a, 802.11n HT20 802.11ac VHT20	CH36 (5180MHz)	CH40 (5200MHz)	CH48 (5240MHz)
	5G WIFI_U-NII-2A		
	CH52 (5260MHz)	CH56 (5280MHz)	CH64 (5320MHz)
	5G WIFI_U-NII-2C		
	CH100 (5500MHz)	CH116 (5580MHz)	CH140 (5700MHz)
	CH144 (5720MHz)		
	5G WIFI_U-NII-3		
	CH149 (5745MHz)	CH157(5785MHz)	CH165 (5825MHz)

Test Mode	Channel (MHz)		
802.11n HT40 802.11ac VHT40	5G WIFI_U-NII-1		
	CH38(5190MHz)	CH46 (5230MHz)	
	5G WIFI_U-NII-2A		
	CH54(5270MHz)	CH62(5310MHz)	
	5G WIFI_U-NII-2C		
	CH102(5510MHz)	CH110(5550MHz)	CH134(5670MHz)
	CH 142 (5710MHz)		
	5G WIFI_U-NII-3		
	CH151(5755MHz)	CH159(5795MHz)	

Test Mode	Channel (MHz)	
802.11ac VHT80	5G WIFI_U-NII-1	
	CH42(5210MHz)	
	5G WIFI_U-NII-2A	
	CH58(5290MHz)	
	5G WIFI_U-NII-2C	
	CH106(5530MHz)	CH138(5690MHz)
	5G WIFI_U-NII-3	
	CH155(5775MHz)	

Test Mode	Channel (MHz)		
802.11ac VHT160 802.11ax VHT160	5G WIFI_U-NII-1 and 5G WIFI_U-NII-2A		
	CH50(5250MHz)		
	5G WIFI_U-NII-2C		
	CH114(5570MHz)		

9 Technical Requirement

9.1 Conducted Emission

Test Method

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. Both sides of AC line were checked for maximum conducted interference.
6. The frequency range from 150 kHz to 30 MHz was searched.
7. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

Limit

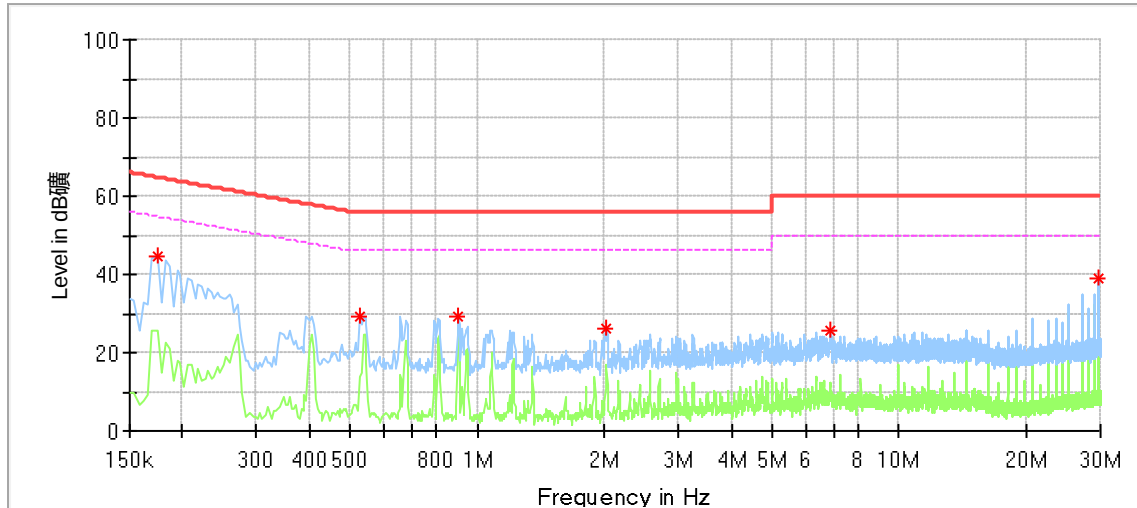
According to §15.207, conducted emissions limit as below:

Frequency MHz	QP Limit dB μ V	AV Limit dB μ V
0.150-0.500	66-56*	56-46*
0.500-5	56	46
5-30	60	50

Remark: "*" Decreasing linearly with logarithm of the frequency

Conducted Emission

Product Type : Remote Controller
 M/N : EAV-RC50
 Operating Condition : Normal Working
 Test Specification : Line
 Comment : AC 120V/60Hz



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.174000	44.68	---	64.77	20.09	L1	9.54
0.526000	29.42	---	56.00	26.58	L1	9.59
0.902000	29.28	---	56.00	26.72	L1	9.60
2.010000	25.90	---	56.00	30.10	L1	9.62
6.878000	25.81	---	60.00	34.19	L1	9.83
29.794000	39.02	---	60.00	20.98	L1	10.03

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
---	---	---	---	---	---	---

Remark:

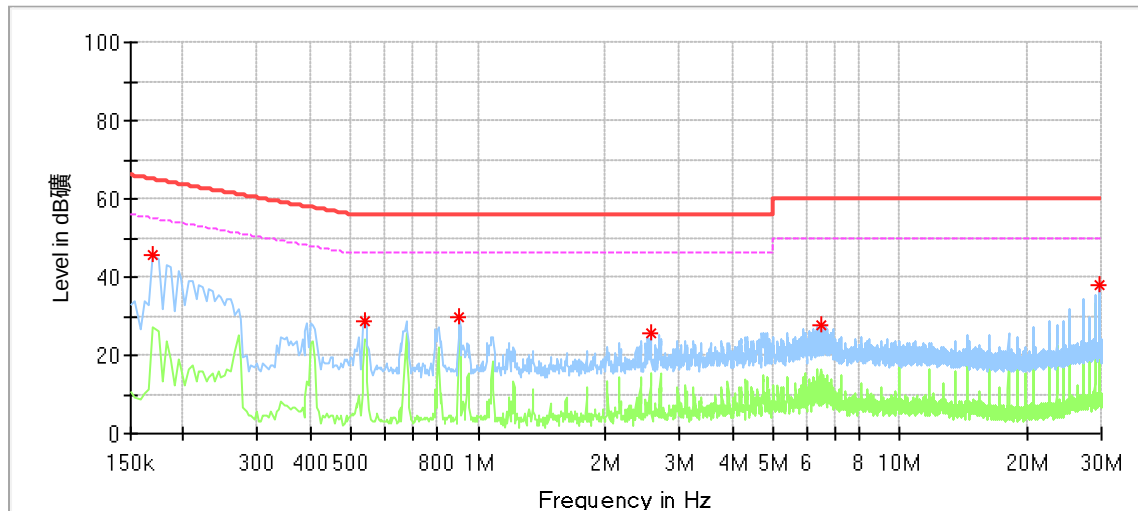
Max Peak/ Average=Reading Level + Correction Factor

Correction Factor=Cable Loss + LISN Factor

(The Reading Level is recorded by software which is not shown in the sheet)

Conducted Emission

Product Type : Remote Controller
 M/N : EAV-RC50
 Operating Condition : WIFI transmission
 Test Specification : Power Line, Neutral
 Comment : AC 120V/60Hz



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.170000	45.62	---	64.96	19.34	N	9.57
0.538000	28.97	---	56.00	27.03	N	9.62
0.902000	29.89	---	56.00	26.11	N	9.63
2.566000	25.84	---	56.00	30.16	N	9.67
6.502000	27.71	---	60.00	32.29	N	9.84
29.790000	37.81	---	60.00	22.19	N	9.88

Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
---	---	---	---	---	---	---

Remark:

Max Peak/ Average=Reading Level + Correction Factor

Correction Factor=Cable Loss + LISN Factor

(The Reading Level is recorded by software which is not shown in the sheet)

9.2 Emission Bandwidth

The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.

1. Test Method of 26dB Bandwidth

- 1) Set center frequency to the nominal EUT channel center frequency
- 2) Set span = 2 times to 5 times the OBW.
- 3) Set RBW = 1 % to 5 % of the OBW
- 4) Set VBW $\geq$ 3 RBW
- 5) Trace mode = max hold.
- 6) Sweep = auto couple.
- 7) Allow the trace to stabilize.
- 8) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Limit: No limit

2. Test Method of 6dB Bandwidth

- 1) Set center frequency to the nominal EUT channel center frequency
- 2) Set span = 2 times to 5 times the OBW.
- 3) Set RBW = 1 % to 5 % of the OBW
- 4) Set VBW $\geq$ 3 RBW
- 5) Trace mode = max hold.
- 6) Sweep = auto couple.
- 7) Allow the trace to stabilize.
- 8) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Limit: $\geq 500\text{KHz}$

3. Test Method of 99% Bandwidth

- 1) Set center frequency to the nominal EUT channel center frequency
- 2) Set span = 2 times to 5 times the OBW.
- 3) Set RBW = 1 % to 5 % of the OBW
- 4) Set VBW $\geq$ 3 RBW
- 5) Trace mode = max hold.
- 6) Sweep = auto couple.
- 7) Allow the trace to stabilize.
- 8) Use the 99 % power bandwidth function of the instrument.
- 9) Record the results in the test report.

Limit: No limit

Test result as below table:

Mode	TX Type	Frequency (MHz)	RU	RU Pos	99% Occupied Bandwidth (MHz)			Verdict
					Result-ANT1	Result-ANT2	Limit	
802.11a	SISO	5180	/	/	16.892	16.892	/	Pass
		5200	/	/	16.892	16.892	/	Pass
		5240	/	/	16.892	16.892	/	Pass
		5260	/	/	16.892	16.892	/	Pass
		5300	/	/	16.788	16.777	/	Pass
		5320	/	/	16.733	16.732	/	Pass
		5500	/	/	16.753	16.757	/	Pass
		5580	/	/	16.749	16.733	/	Pass
		5700	/	/	16.787	16.745	/	Pass
		5745	/	/	16.746	16.751	/	Pass
		5785	/	/	16.743	16.743	/	Pass
802.11n (HT20)	SISO	5180	/	/	17.875	17.892	/	Pass
		5200	/	/	17.873	17.857	/	Pass
		5240	/	/	17.849	17.838	/	Pass
		5260	/	/	17.832	17.849	/	Pass
		5300	/	/	17.883	17.878	/	Pass
		5320	/	/	17.827	17.850	/	Pass
		5500	/	/	17.857	17.856	/	Pass
		5580	/	/	17.848	17.850	/	Pass
		5700	/	/	17.827	17.842	/	Pass
		5745	/	/	17.854	17.851	/	Pass
		5785	/	/	17.837	17.855	/	Pass
802.11n (HT40)	SISO	5190	/	/	36.292	36.240	/	Pass
		5230	/	/	36.294	36.280	/	Pass
		5270	/	/	36.235	36.252	/	Pass
		5310	/	/	36.255	36.263	/	Pass
		5510	/	/	36.315	36.286	/	Pass
		5550	/	/	36.307	36.336	/	Pass
		5670	/	/	36.305	36.294	/	Pass
		5755	/	/	36.336	36.323	/	Pass
		5795	/	/	36.261	36.245	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	17.865	17.853	/	Pass
		5200	/	/	17.875	17.863	/	Pass
		5240	/	/	17.832	17.828	/	Pass
		5260	/	/	17.826	17.845	/	Pass
		5300	/	/	17.879	17.853	/	Pass
		5320	/	/	17.829	17.816	/	Pass
		5500	/	/	17.867	17.852	/	Pass
		5580	/	/	17.831	17.840	/	Pass
		5700	/	/	17.837	17.862	/	Pass
		5745	/	/	17.859	17.836	/	Pass
		5785	/	/	17.835	17.845	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	36.291	36.288	/	Pass
		5230	/	/	36.322	36.288	/	Pass
		5270	/	/	36.221	36.249	/	Pass
		5310	/	/	36.274	36.259	/	Pass
		5510	/	/	36.318	36.294	/	Pass
		5550	/	/	36.322	36.295	/	Pass
		5670	/	/	36.306	36.285	/	Pass
		5755	/	/	36.307	36.316	/	Pass
		5795	/	/	36.260	36.254	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	75.503	75.593	/	Pass
		5290	/	/	75.651	75.813	/	Pass
		5530	/	/	75.575	75.568	/	Pass
		5610	/	/	75.644	75.567	/	Pass
		5775	/	/	77.659	75.566	/	Pass
802.11ac (VHT160)	SISO	5250	/	/	155.105	155.229	/	Pass
		5570	/	/	155.710	155.372	/	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	19.062	19.032	/	Pass
		5200	RU242	Left	19.083	19.050	/	Pass
		5240	RU242	Left	19.015	19.041	/	Pass
		5260	RU242	Left	19.031	19.008	/	Pass
		5300	RU242	Left	19.077	19.046	/	Pass
802.11ax (HEW20)	SISO	5320	RU242	Left	19.035	19.011	/	Pass

		5500	RU242	Left	19.052	19.047	/	Pass
		5580	RU242	Left	19.039	19.026	/	Pass
		5700	RU242	Left	19.037	19.034	/	Pass
		5745	RU242	Left	19.048	19.023	/	Pass
		5785	RU242	Left	19.039	19.035	/	Pass
		5825	RU242	Left	19.021	19.053	/	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	37.964	37.967	/	Pass
		5230	RU484	Left	38.022	38.015	/	Pass
		5270	RU484	Left	37.952	37.900	/	Pass
		5310	RU484	Left	37.961	37.999	/	Pass
		5510	RU484	Left	38.000	37.934	/	Pass
		5550	RU484	Left	37.989	37.992	/	Pass
		5670	RU484	Left	37.961	37.952	/	Pass
		5755	RU484	Left	38.036	37.976	/	Pass
802.11ax (HEW80)	SISO	5795	RU484	Left	37.924	37.949	/	Pass
		5210	RU996	Left	77.581	77.498	/	Pass
		5290	RU996	Left	77.673	77.659	/	Pass
		5530	RU996	Left	77.625	77.577	/	Pass
		5610	RU996	Left	77.886	77.774	/	Pass
802.11ax (HEW160)	SISO	5775	RU996	Left	77.644	77.635	/	Pass
		5250	2xRU996	Left	156.592	156.865	/	Pass
		5570	2xRU996	Left	157.118	156.931	/	Pass

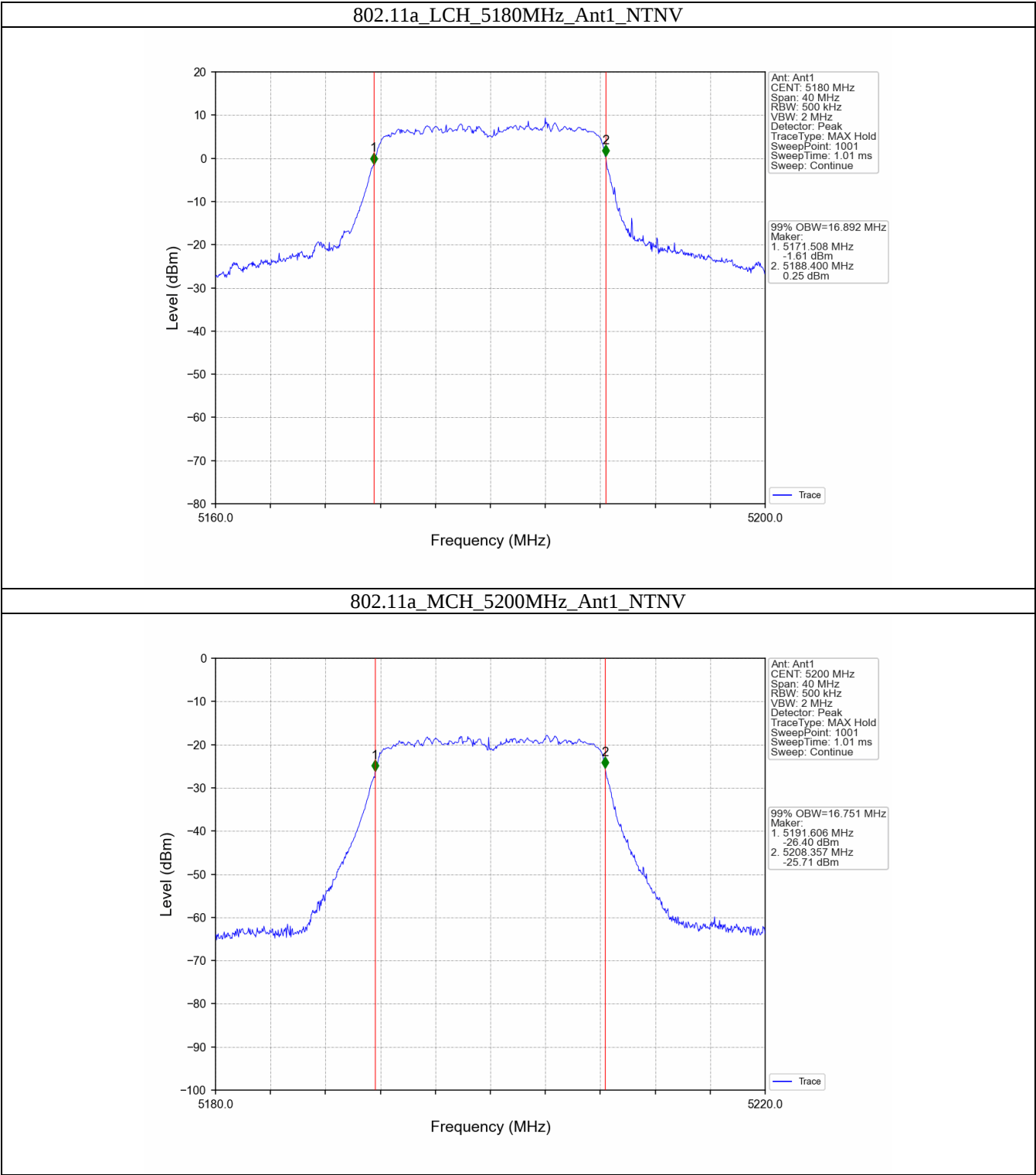
Mode	TX Type	Frequency (MHz)	RU	RU Pos	6dB Bandwidth (MHz)			Verdict
					Result- ANT1	Result- ANT2	Limit	
802.11a	SISO	5745	/	/	16.344	16.361	>=0.5	Pass
		5785	/	/	16.348	16.333	>=0.5	Pass
		5825	/	/	16.351	16.362	>=0.5	Pass
802.11n (HT20)	SISO	5745	/	/	17.568	17.552	>=0.5	Pass
		5785	/	/	17.583	17.563	>=0.5	Pass
		5825	/	/	17.572	17.573	>=0.5	Pass
802.11n (HT40)	SISO	5755	/	/	36.298	36.090	>=0.5	Pass
		5795	/	/	36.066	35.839	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	17.567	17.635	>=0.5	Pass
		5785	/	/	17.585	17.588	>=0.5	Pass
		5825	/	/	17.578	17.575	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	36.106	36.302	>=0.5	Pass
		5795	/	/	35.770	35.780	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	76.508	75.390	>=0.5	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	18.999	18.954	>=0.5	Pass
		5785	RU242	Left	18.922	18.874	>=0.5	Pass
		5825	RU242	Left	18.942	18.927	>=0.5	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	37.927	38.017	>=0.5	Pass
		5795	RU484	Left	37.947	37.738	>=0.5	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	77.676	78.020	>=0.5	Pass

Mode	TX Type	Frequency (MHz)	RU	RU Pos	26dB Bandwidth (MHz)			Verdict
					Result- ANT1	Result- ANT2	Limit	
802.11a	SISO	5180	/	/	19.524	19.044	/	Pass
		5200	/	/	19.225	19.028	/	Pass
		5240	/	/	19.195	19.140	/	Pass
		5260	/	/	19.247	19.118	/	Pass
		5300	/	/	19.295	19.465	/	Pass
		5320	/	/	19.085	19.159	/	Pass
		5500	/	/	19.114	19.199	/	Pass
		5580	/	/	19.095	19.509	/	Pass
802.11n (HT20)	SISO	5700	/	/	19.068	19.217	/	Pass
		5180	/	/	20.428	20.314	/	Pass
		5200	/	/	20.450	20.283	/	Pass
		5240	/	/	20.425	20.592	/	Pass
		5260	/	/	20.425	20.622	/	Pass
		5300	/	/	20.428	20.660	/	Pass
		5320	/	/	20.517	20.527	/	Pass
		5500	/	/	20.444	20.522	/	Pass
802.11n (HT40)	SISO	5580	/	/	20.387	20.531	/	Pass
		5700	/	/	20.740	20.596	/	Pass
		5190	/	/	40.099	39.852	/	Pass
		5230	/	/	40.007	40.280	/	Pass

		5270	/	/	40.141	40.142	/	Pass
		5310	/	/	40.116	40.038	/	Pass
		5510	/	/	40.018	40.247	/	Pass
		5550	/	/	40.109	40.137	/	Pass
		5670	/	/	40.185	40.048	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	20.479	20.521	/	Pass
		5200	/	/	20.452	20.395	/	Pass
		5240	/	/	20.518	20.569	/	Pass
		5260	/	/	20.321	20.676	/	Pass
		5300	/	/	20.400	20.666	/	Pass
		5320	/	/	20.576	20.498	/	Pass
		5500	/	/	20.570	20.511	/	Pass
		5580	/	/	20.469	20.556	/	Pass
		5700	/	/	20.639	20.461	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	40.307	40.202	/	Pass
		5230	/	/	40.270	40.017	/	Pass
		5270	/	/	40.138	40.107	/	Pass
		5310	/	/	40.165	40.143	/	Pass
		5510	/	/	40.306	40.236	/	Pass
		5550	/	/	40.406	40.321	/	Pass
802.11ac (VHT80)	SISO	5670	/	/	40.190	40.388	/	Pass
		5210	/	/	82.685	82.504	/	Pass
		5290	/	/	83.079	82.457	/	Pass
		5530	/	/	82.635	82.501	/	Pass
802.11ac (VHT160)	SISO	5610	/	/	82.737	82.520	/	Pass
		5250	/	/	166.113	165.668	/	Pass
		5570	/	/	166.566	167.499	/	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	21.221	21.118	/	Pass
		5200	RU242	Left	21.073	20.844	/	Pass
		5240	RU242	Left	21.093	21.151	/	Pass
		5260	RU242	Left	21.180	21.238	/	Pass
		5300	RU242	Left	21.201	21.342	/	Pass
		5320	RU242	Left	21.029	21.294	/	Pass
		5500	RU242	Left	21.208	21.231	/	Pass
		5580	RU242	Left	21.214	21.071	/	Pass
802.11ax (HEW40)	SISO	5700	RU242	Left	21.159	21.153	/	Pass
		5190	RU484	Left	40.795	41.184	/	Pass
		5230	RU484	Left	40.606	40.649	/	Pass
		5270	RU484	Left	40.919	40.931	/	Pass
		5310	RU484	Left	40.824	41.093	/	Pass
		5510	RU484	Left	40.935	40.849	/	Pass
		5550	RU484	Left	40.968	40.856	/	Pass
802.11ax (HEW80)	SISO	5670	RU484	Left	41.086	40.847	/	Pass
		5210	RU996	Left	83.222	82.814	/	Pass
		5290	RU996	Left	82.886	83.280	/	Pass
		5530	RU996	Left	82.987	82.850	/	Pass
		5610	RU996	Left	83.193	82.765	/	Pass
802.11ax (HEW160)	SISO	5250	2xRU996	Left	166.208	165.985	/	Pass
		5570	2xRU996	Left	166.394	166.551	/	Pass

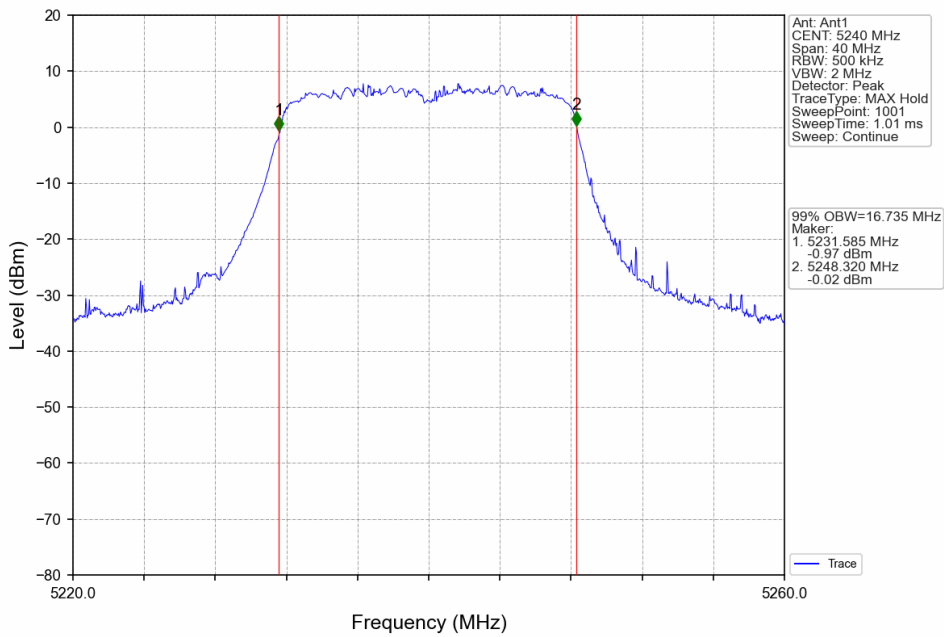
99% Bandwidth:

Ant1:

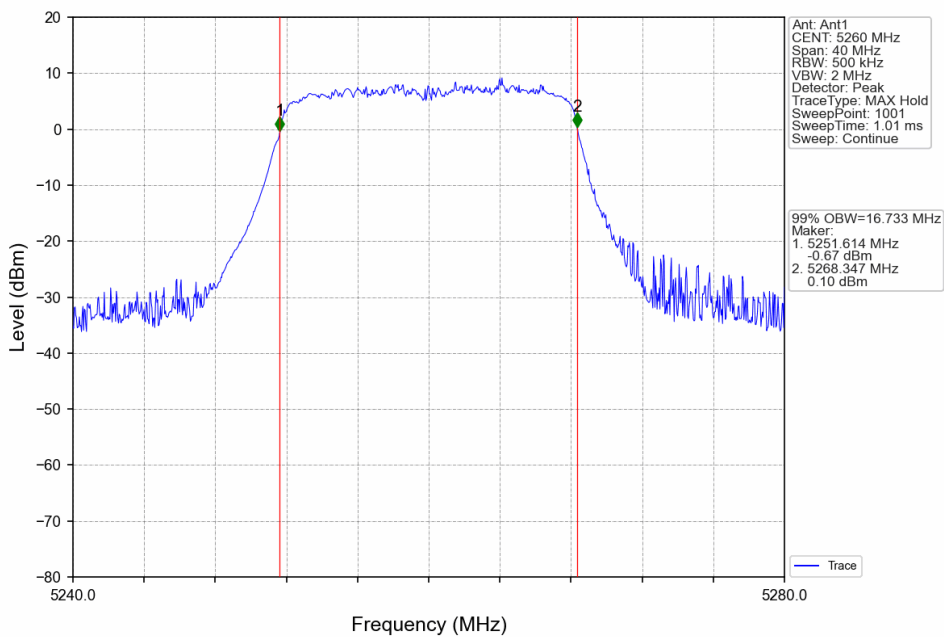




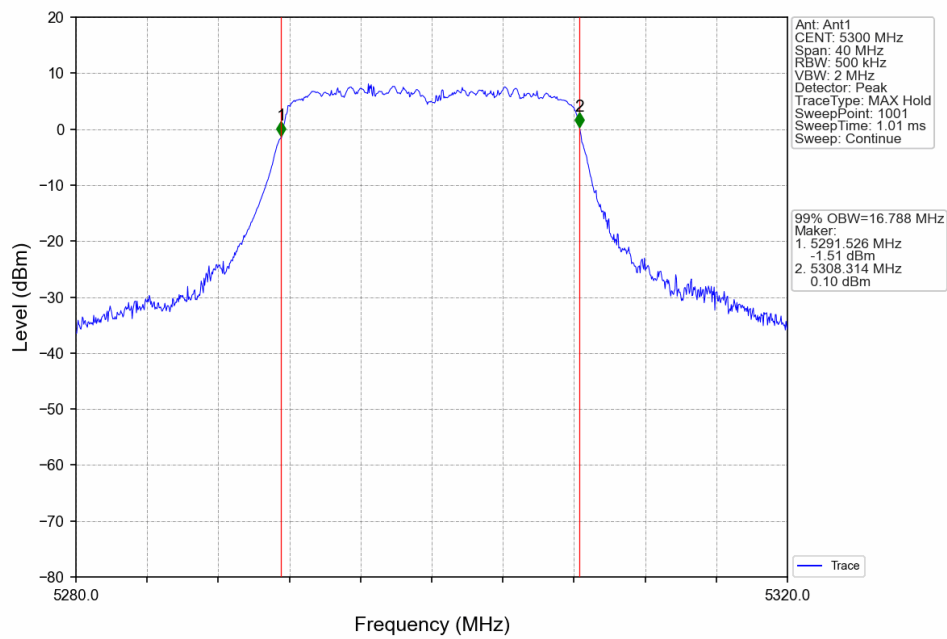
802.11a_HCH_5240MHz_Ant1_NTNV



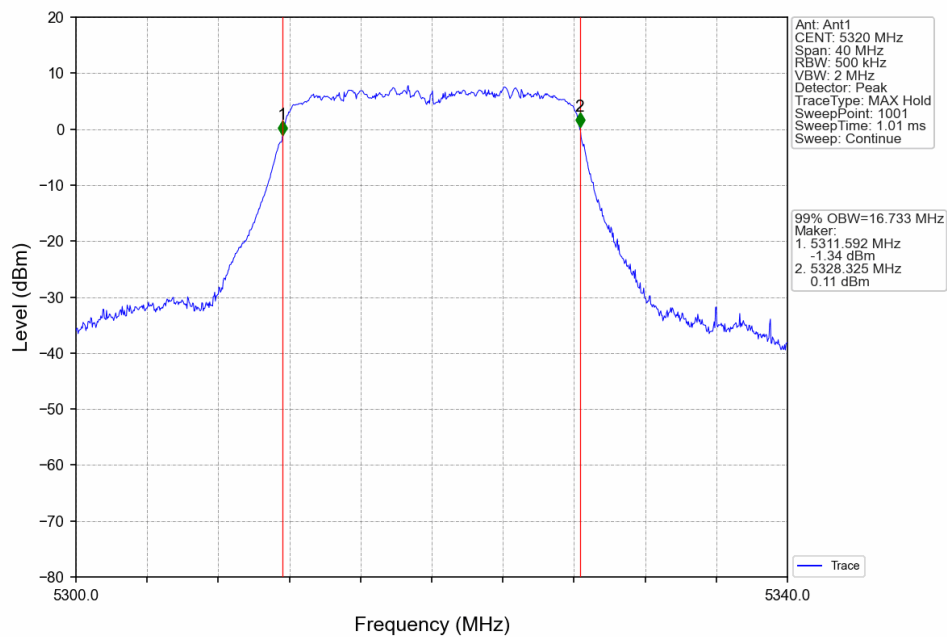
802.11a_LCH_5260MHz_Ant1_NTNV



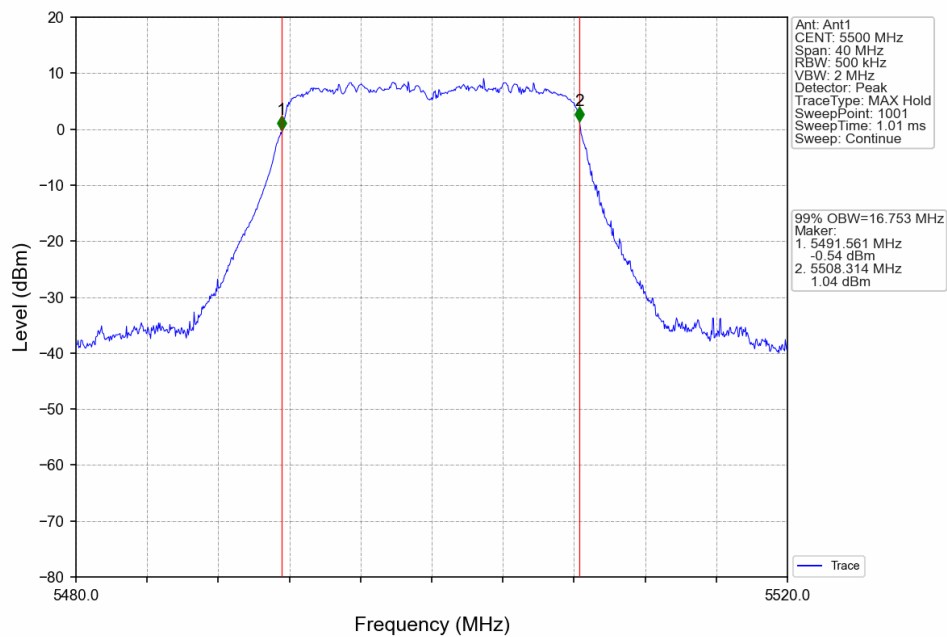
802.11a_MCH_5300MHz_Ant1_NTNV



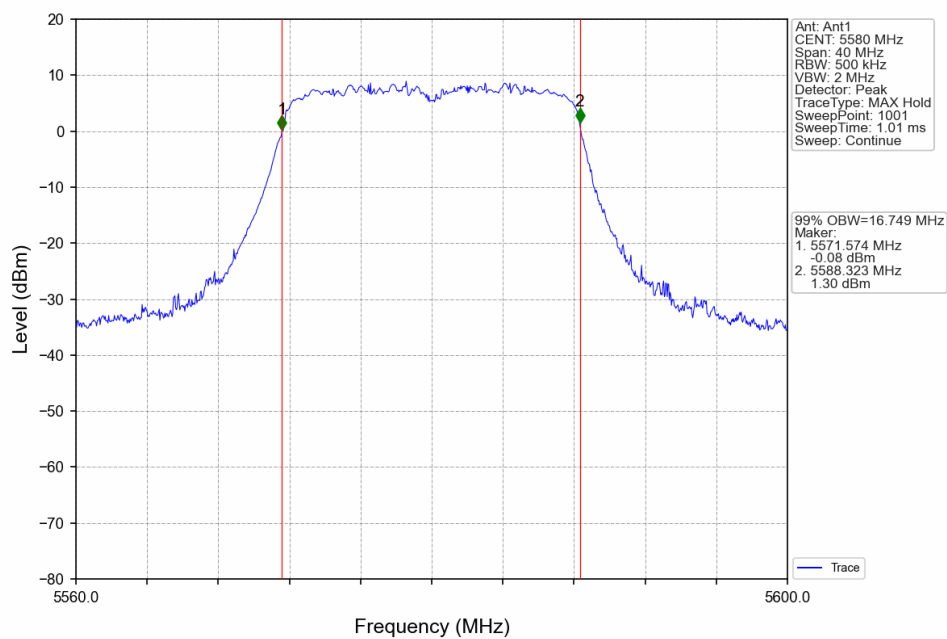
802.11a_HCH_5320MHz_Ant1_NTNV



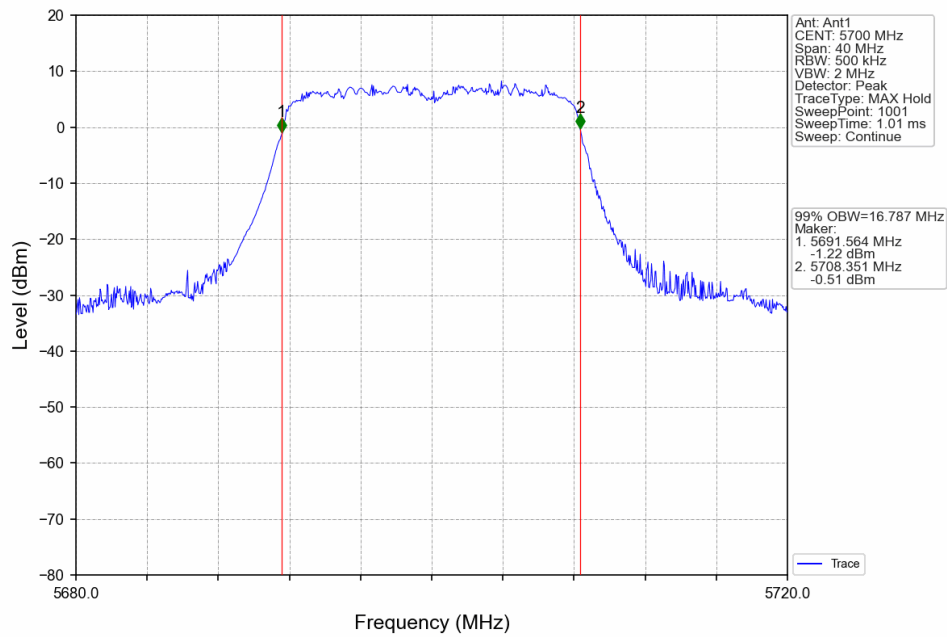
802.11a_LCH_5500MHz_Ant1_NTNV



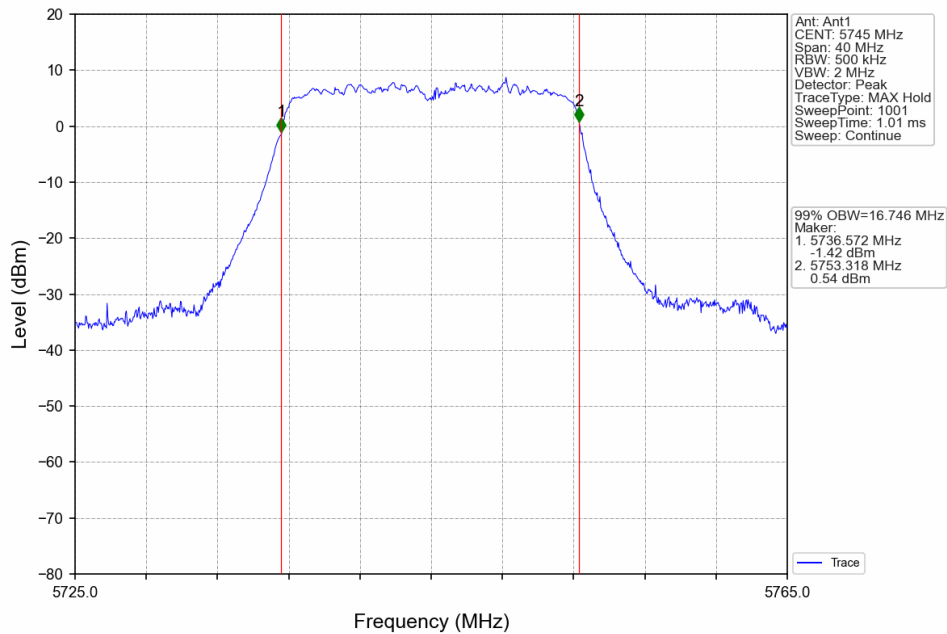
802.11a_MCH_5580MHz_Ant1_NTNV



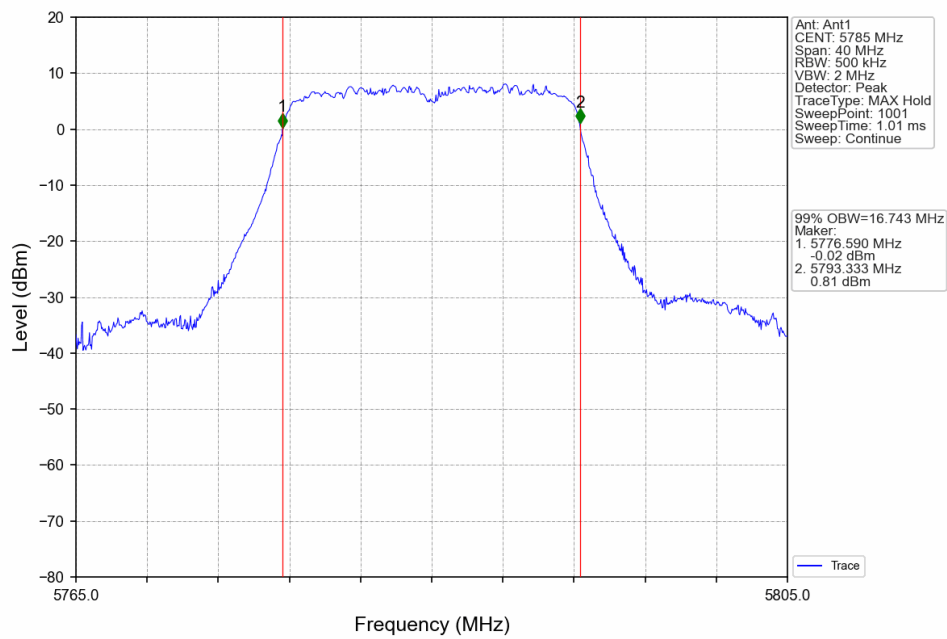
802.11a_HCH_5700MHz_Ant1_NTNV



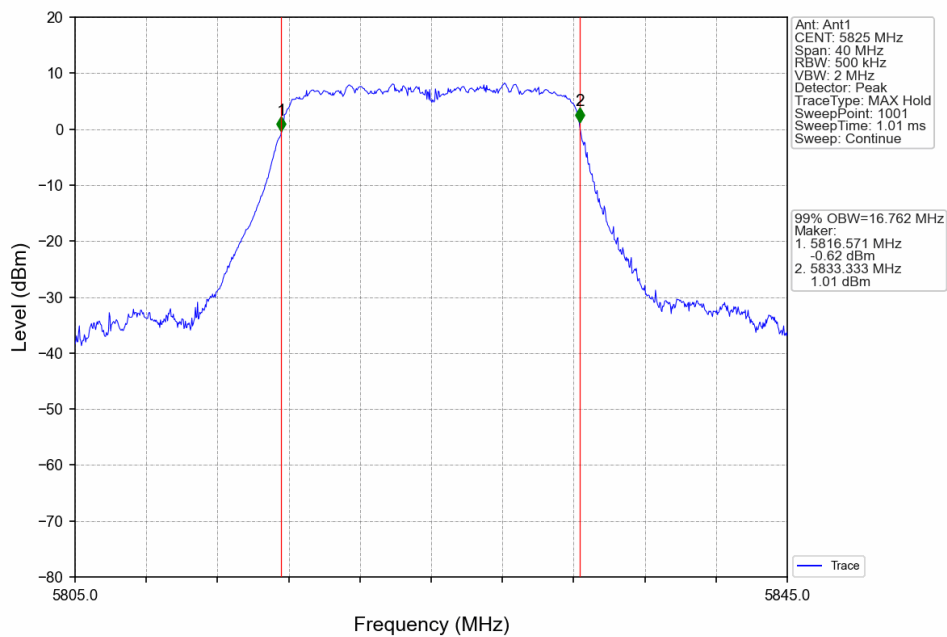
802.11a_LCH_5745MHz_Ant1_NTNV



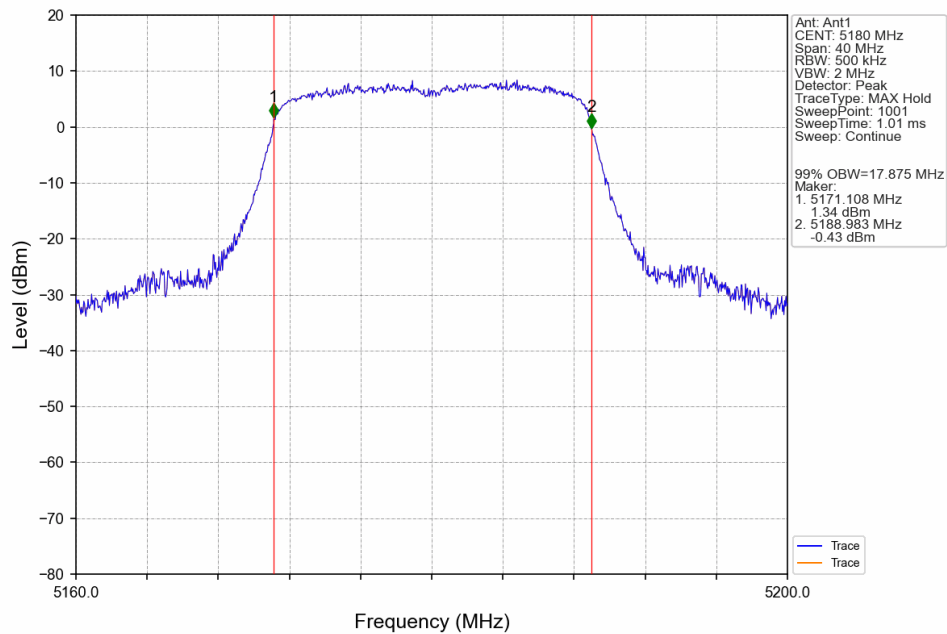
802.11a_MCH_5785MHz_Ant1_NTNV



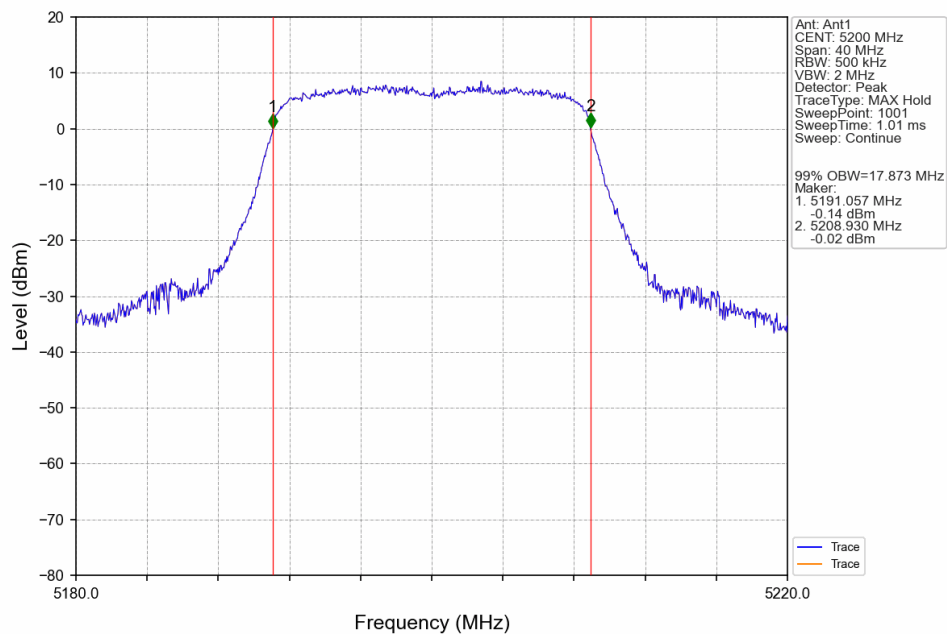
802.11a_HCH_5825MHz_Ant1_NTNV



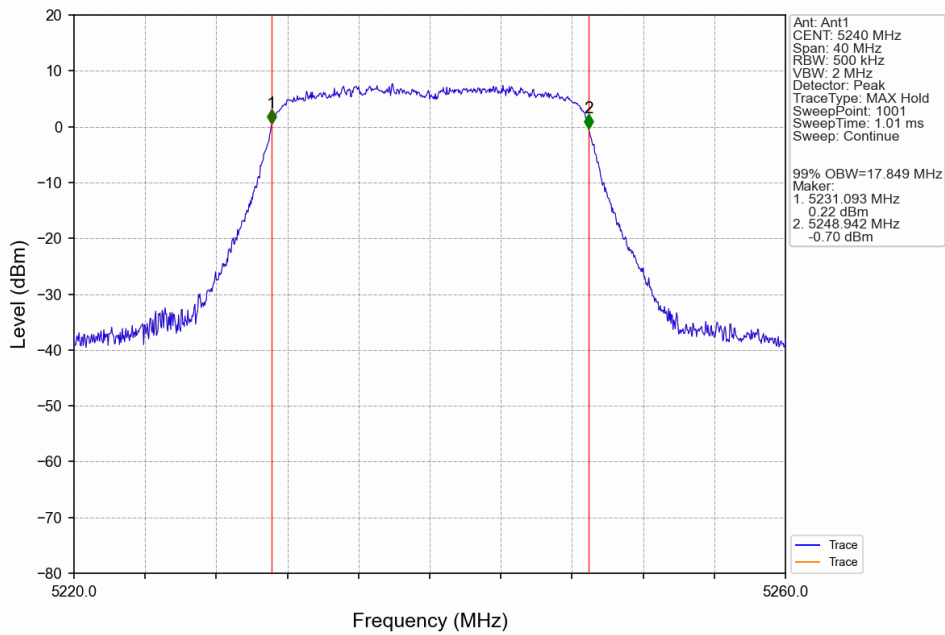
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



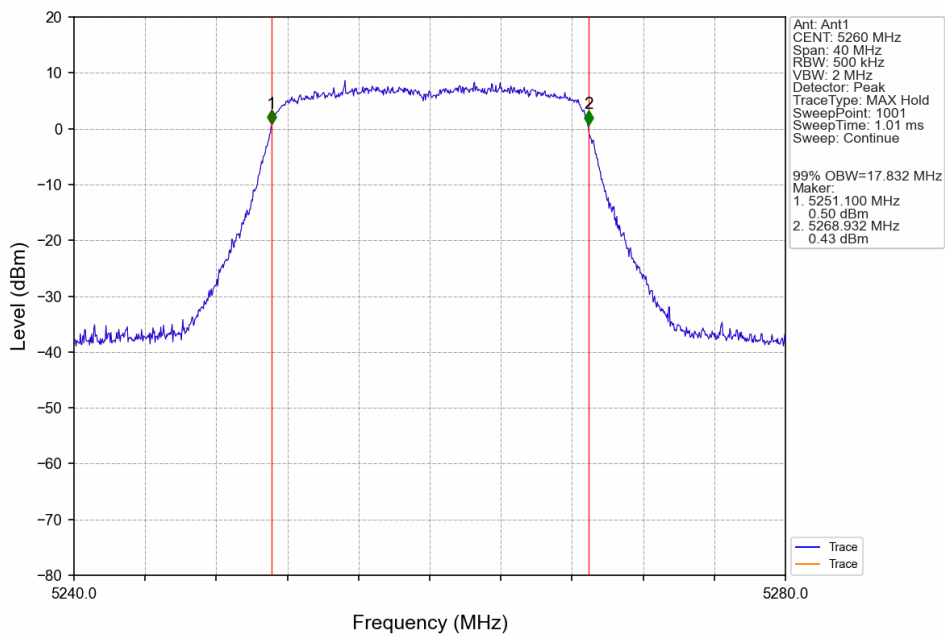
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



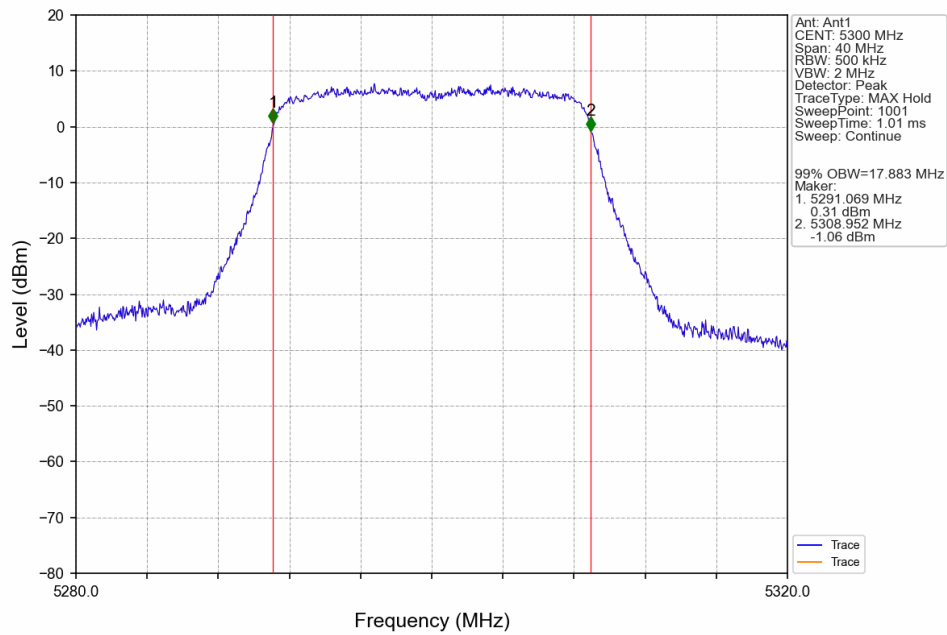
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



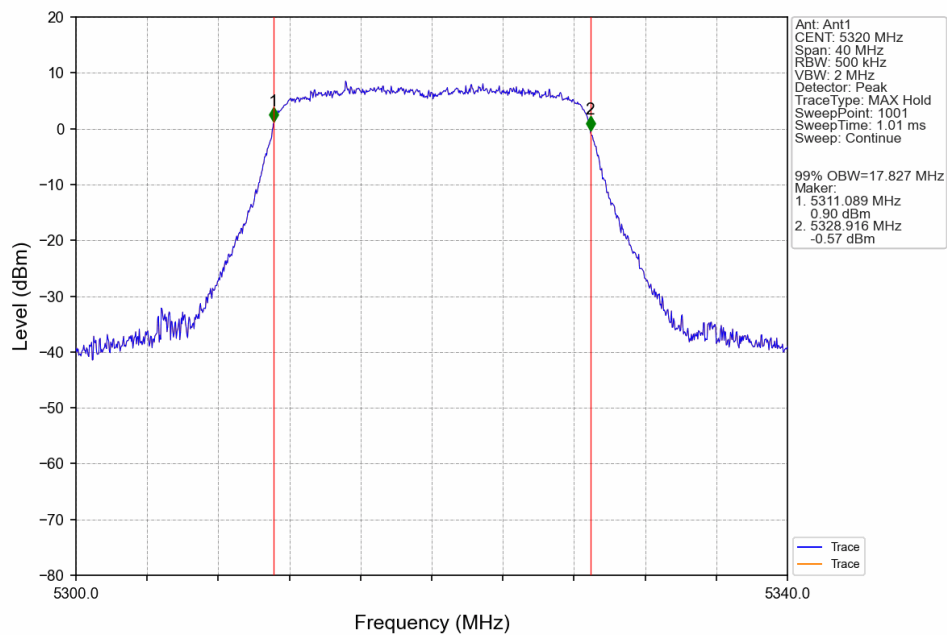
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



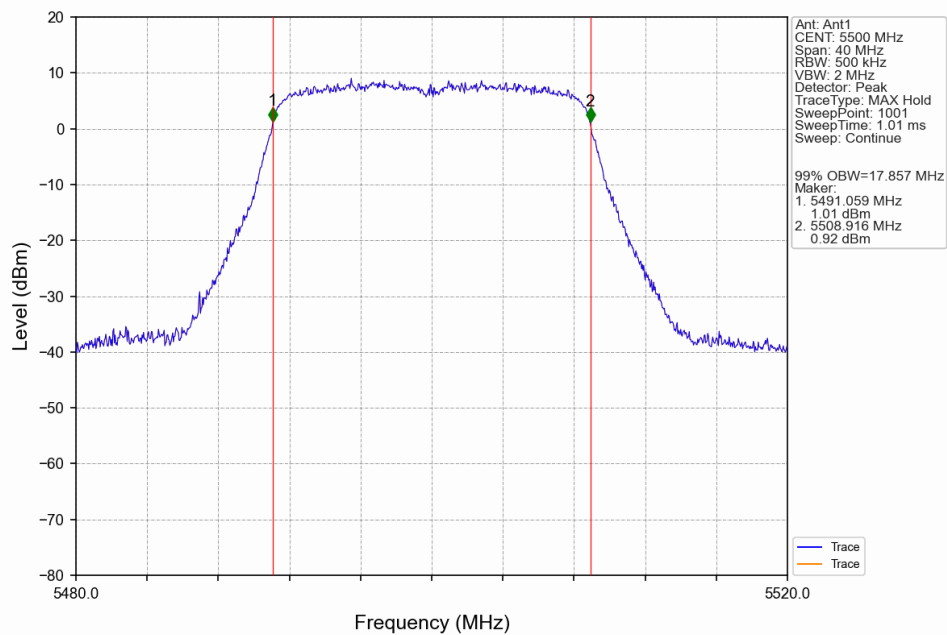
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



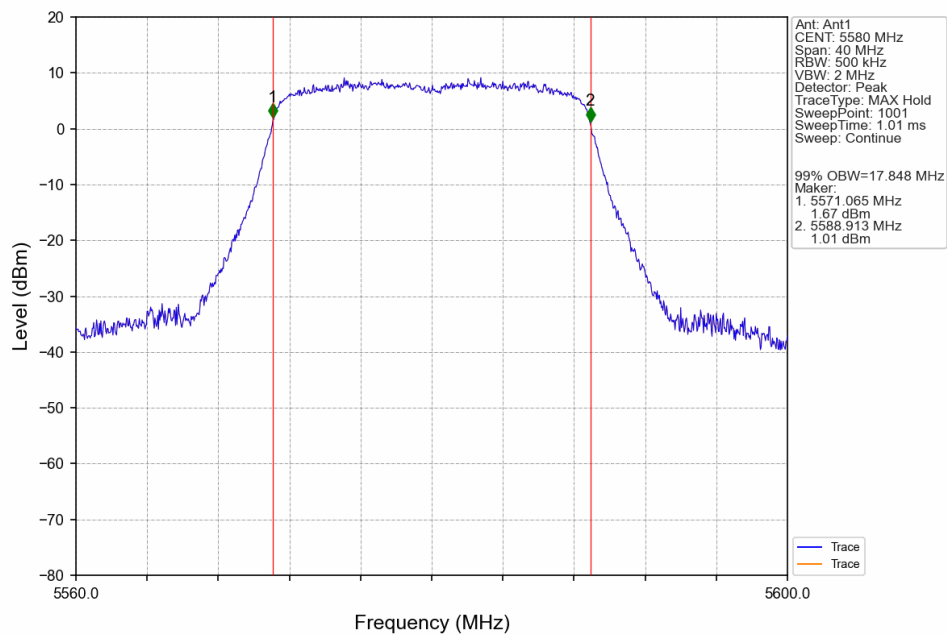
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



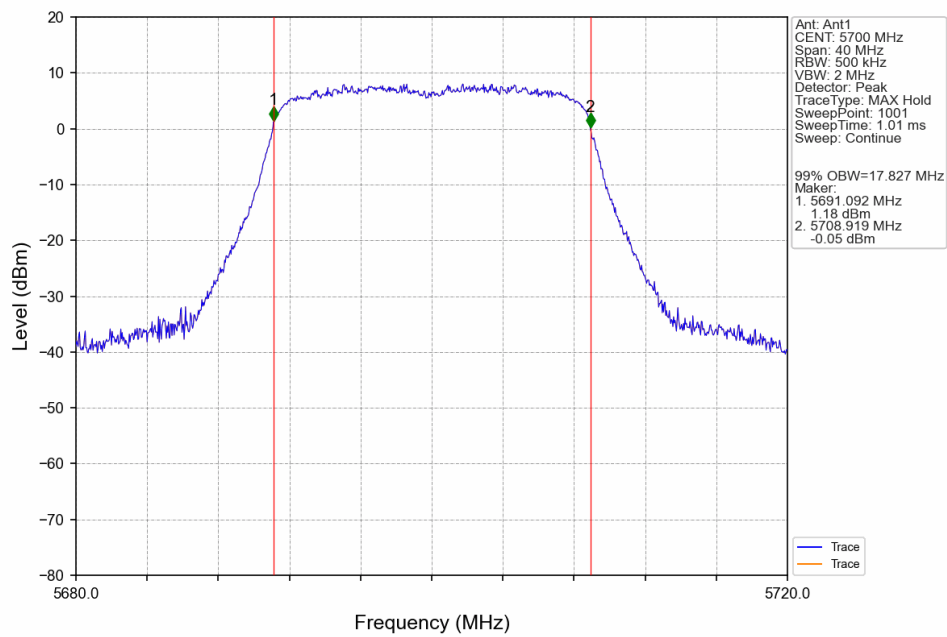
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



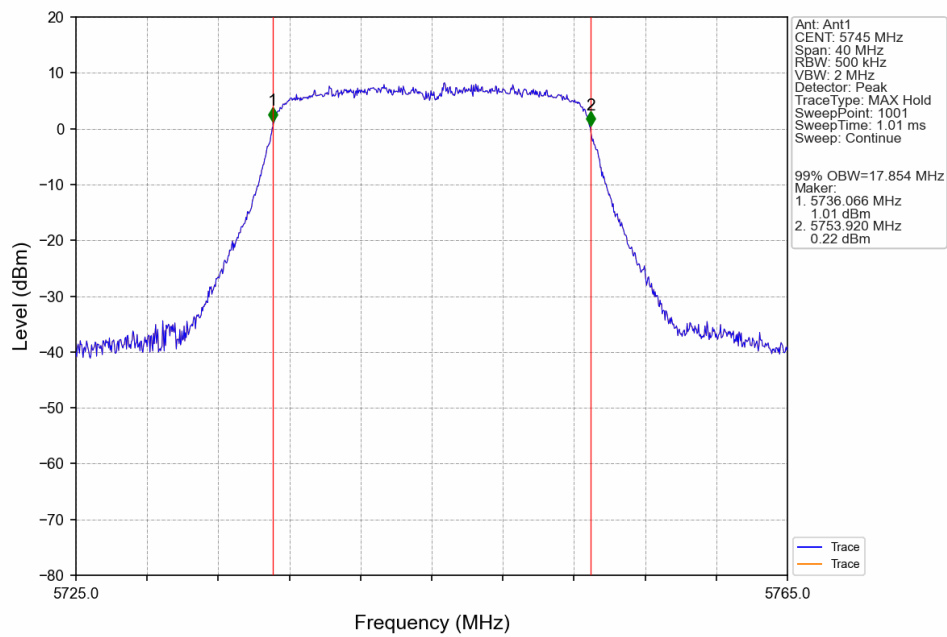
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

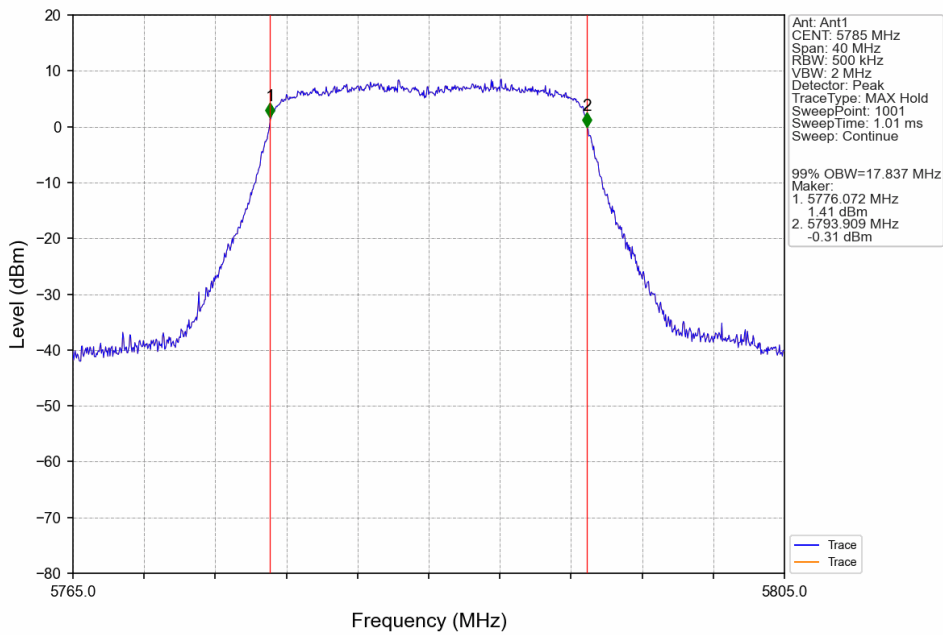


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

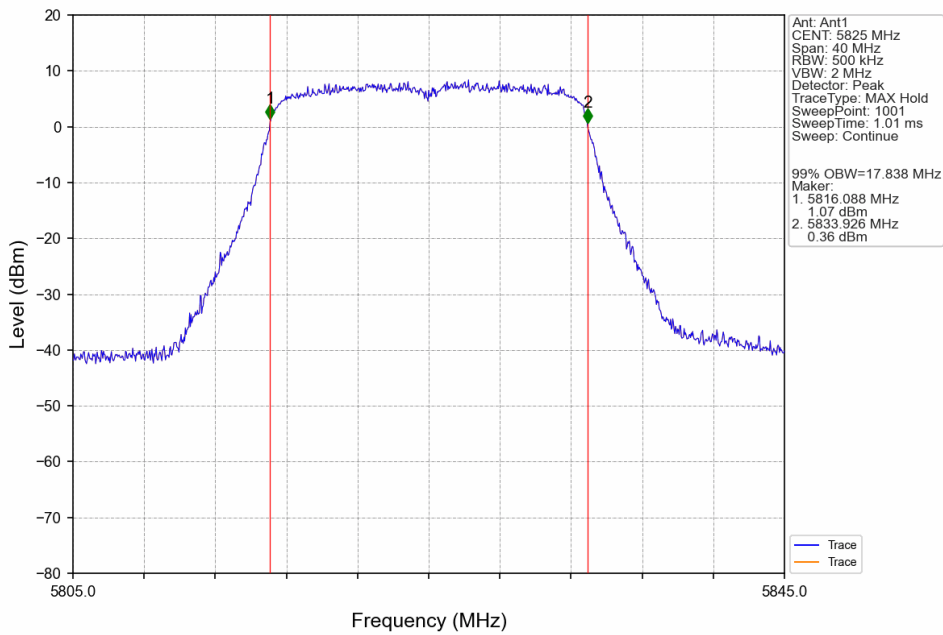




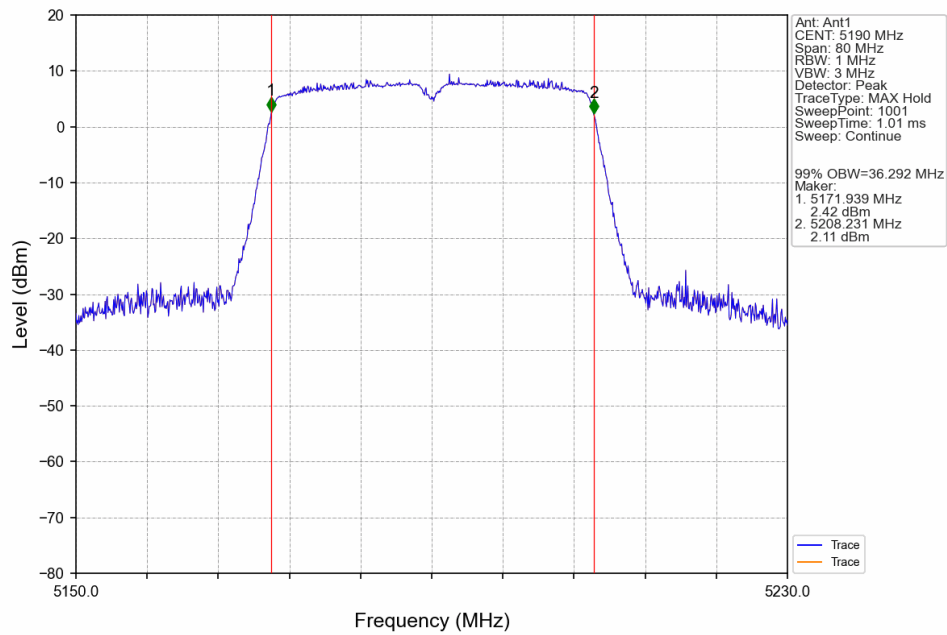
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



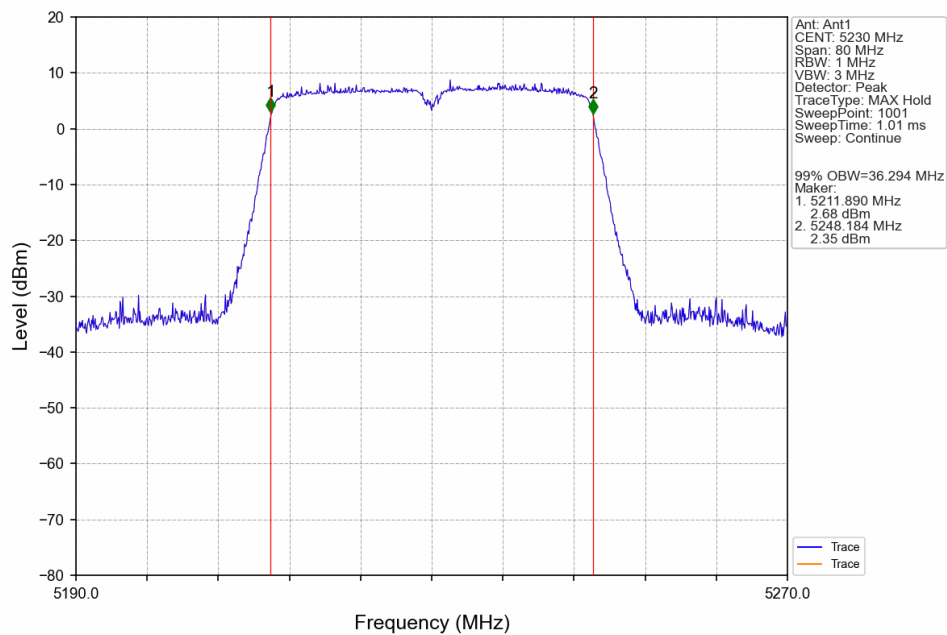
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



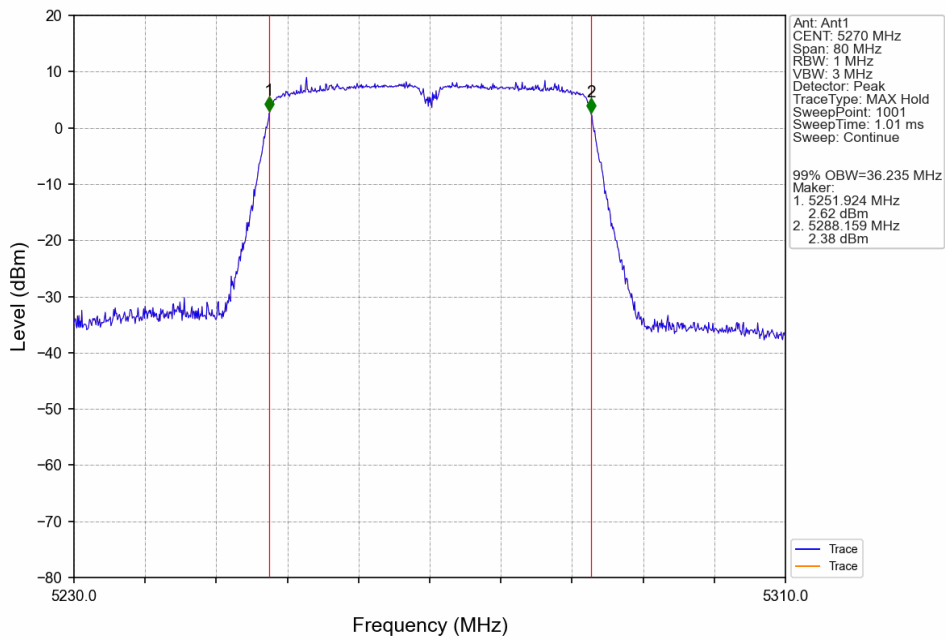
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



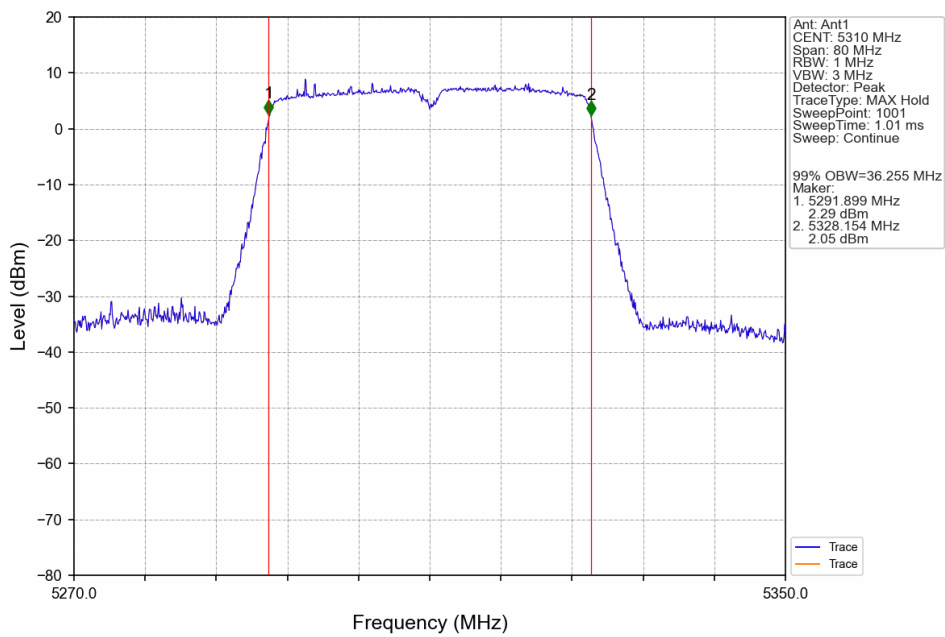
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



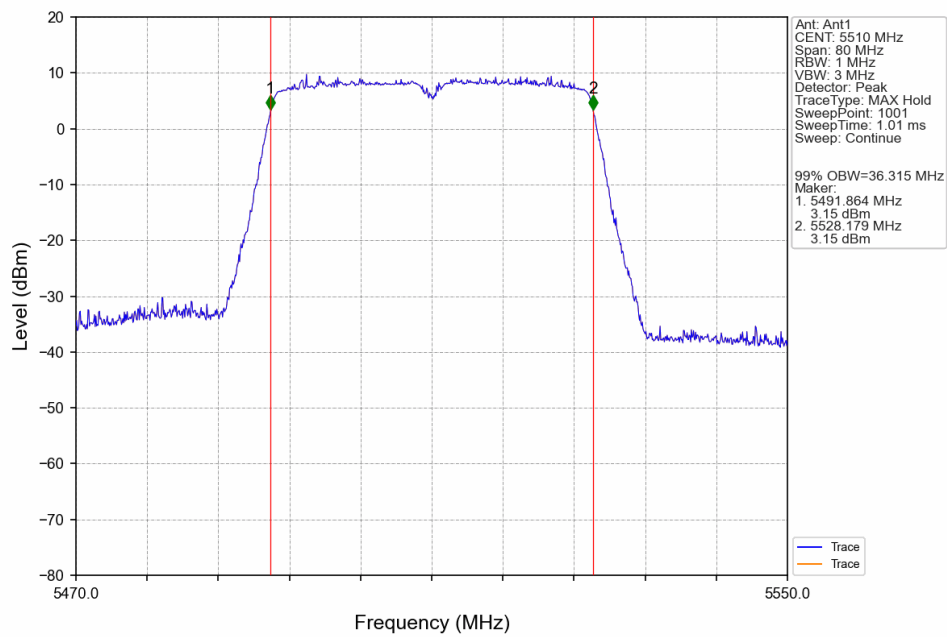
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



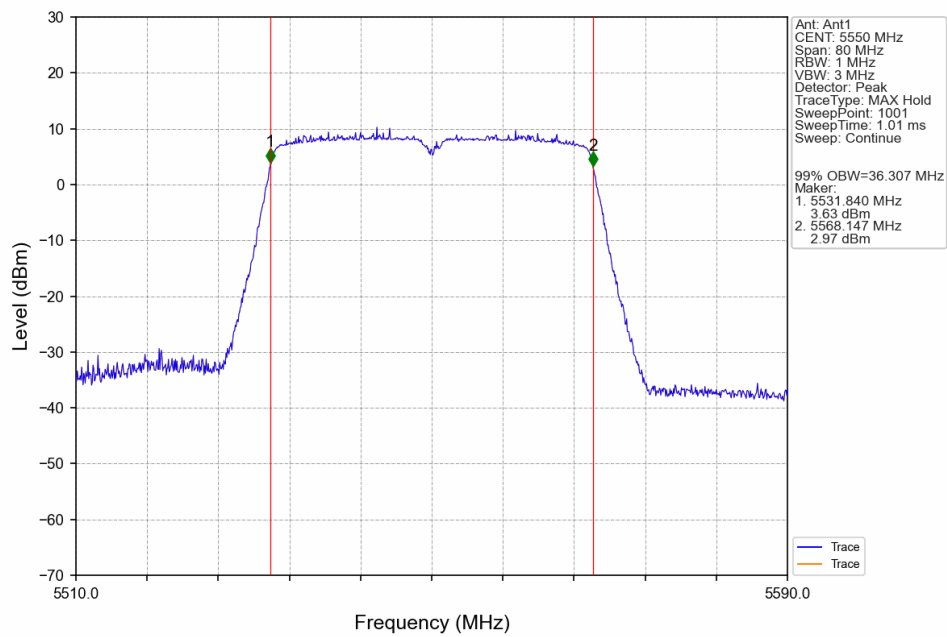
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



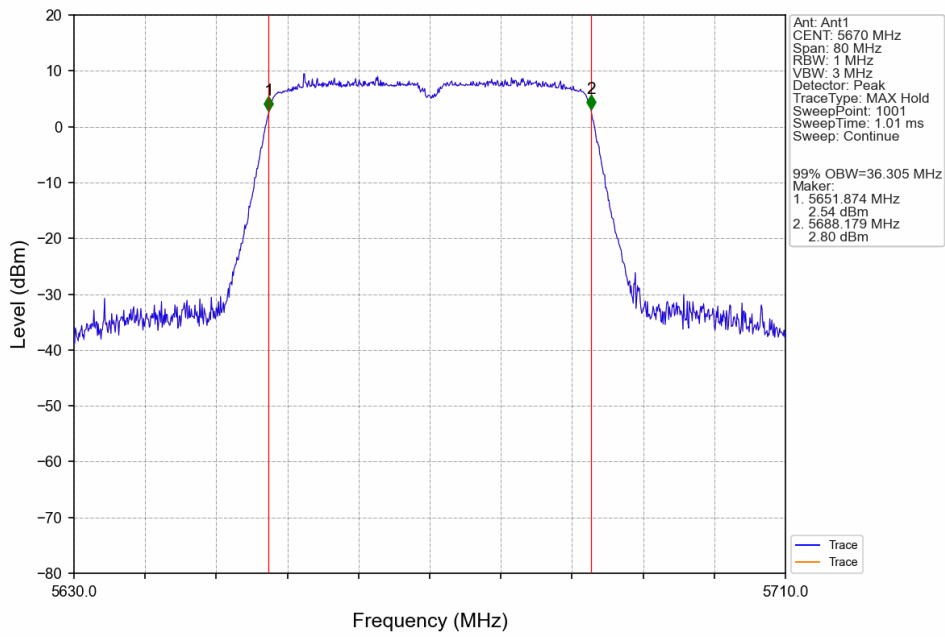
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



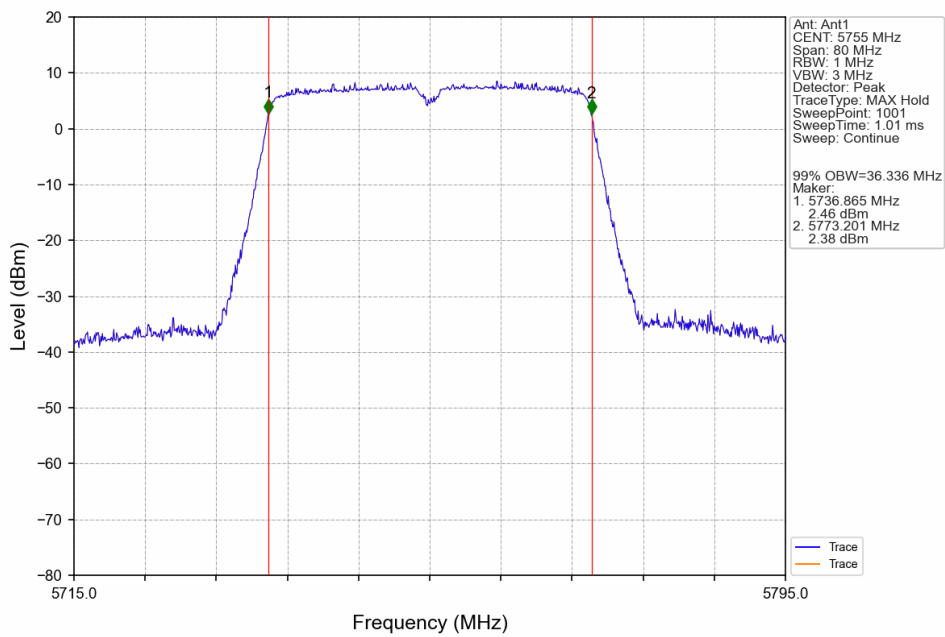
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



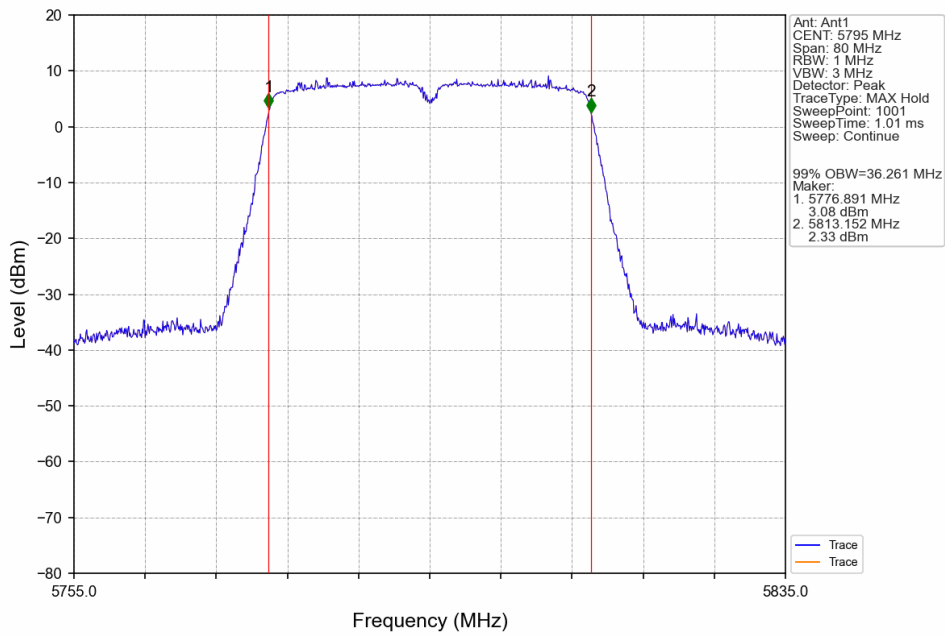
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



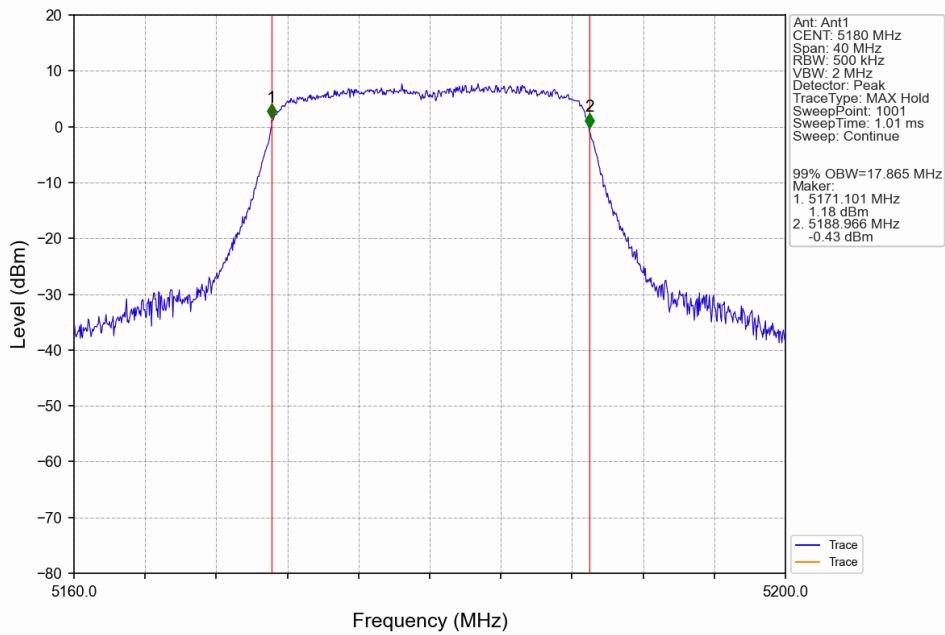
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



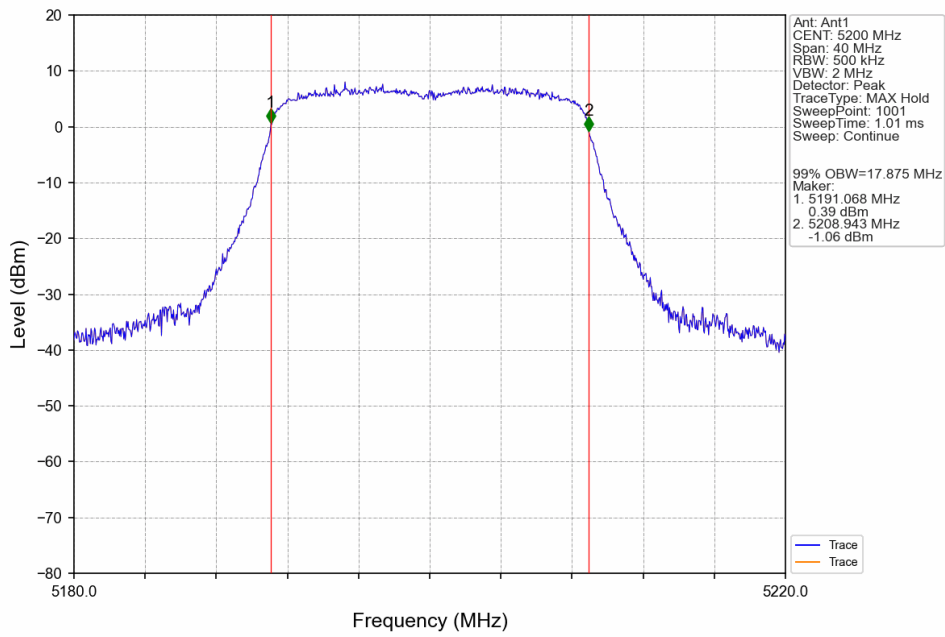
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



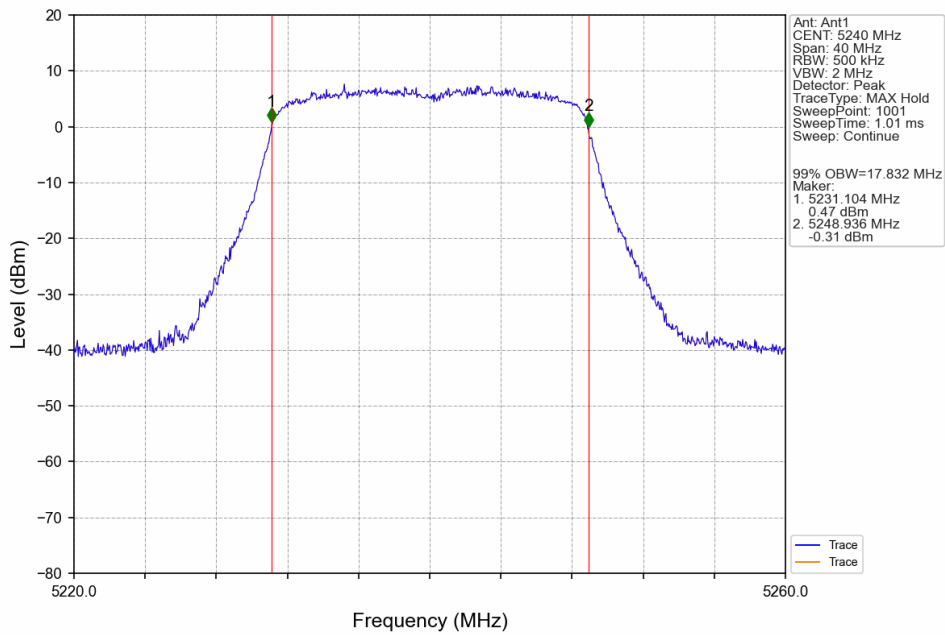
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

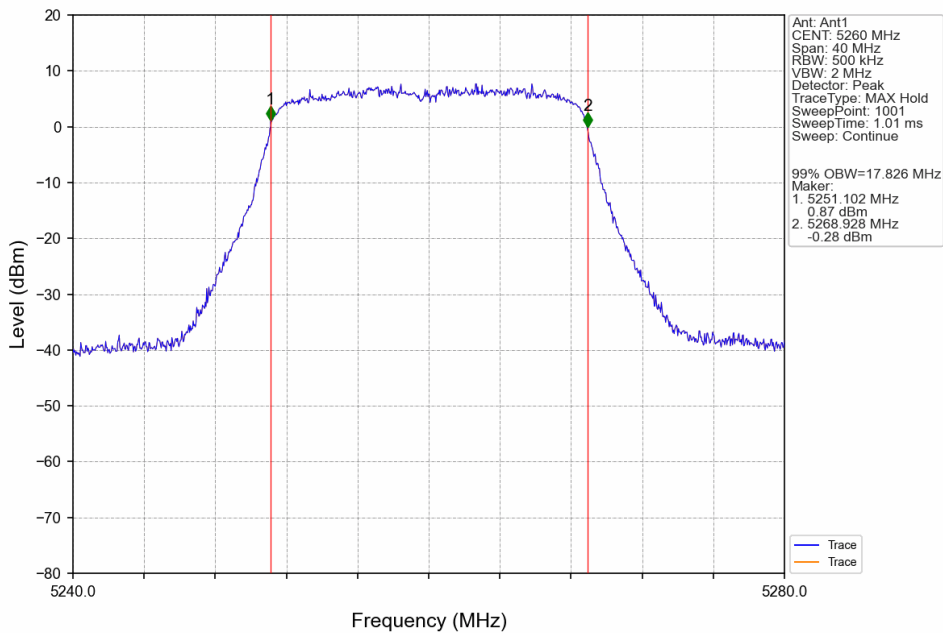


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

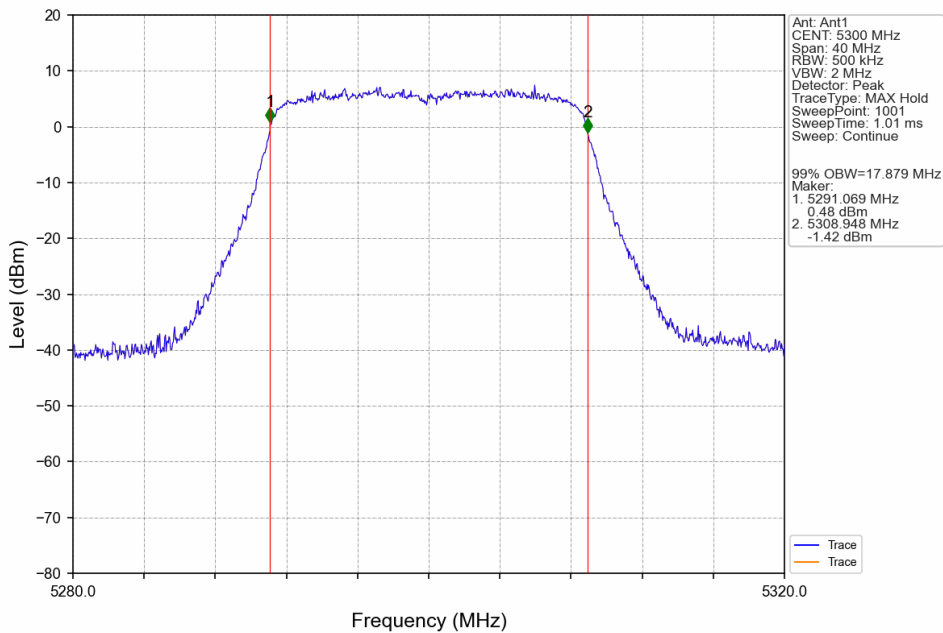




802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV

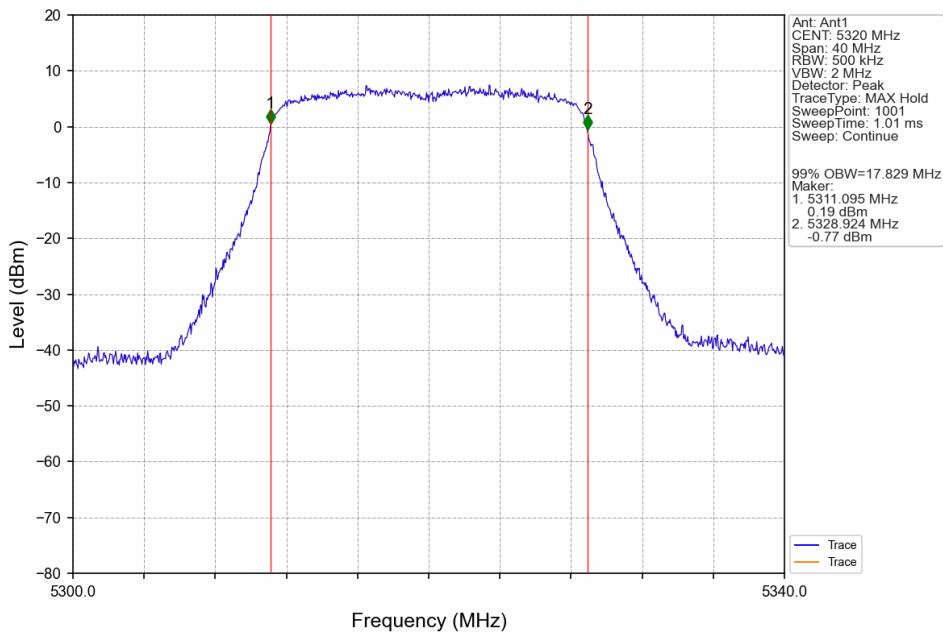


802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

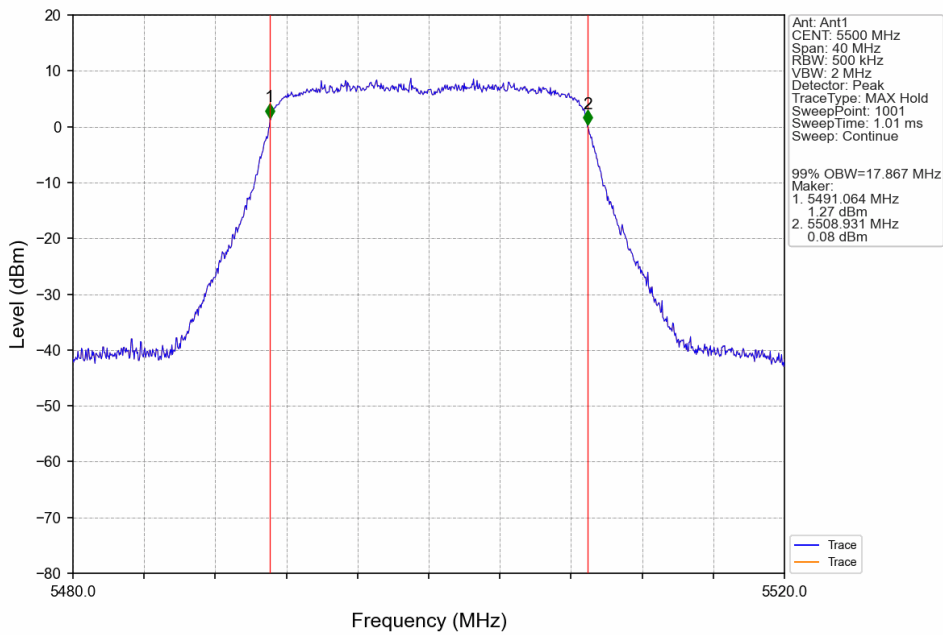




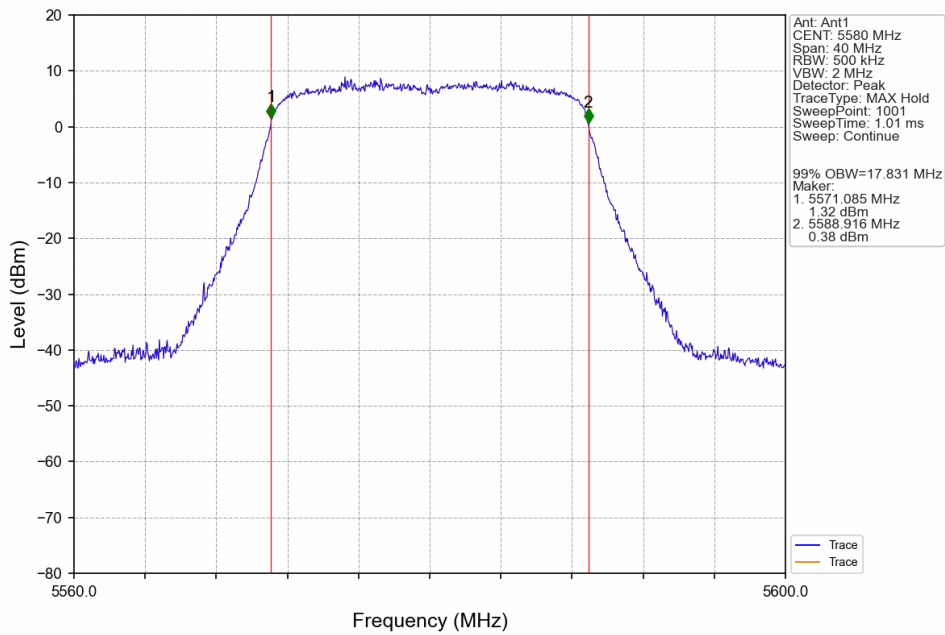
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



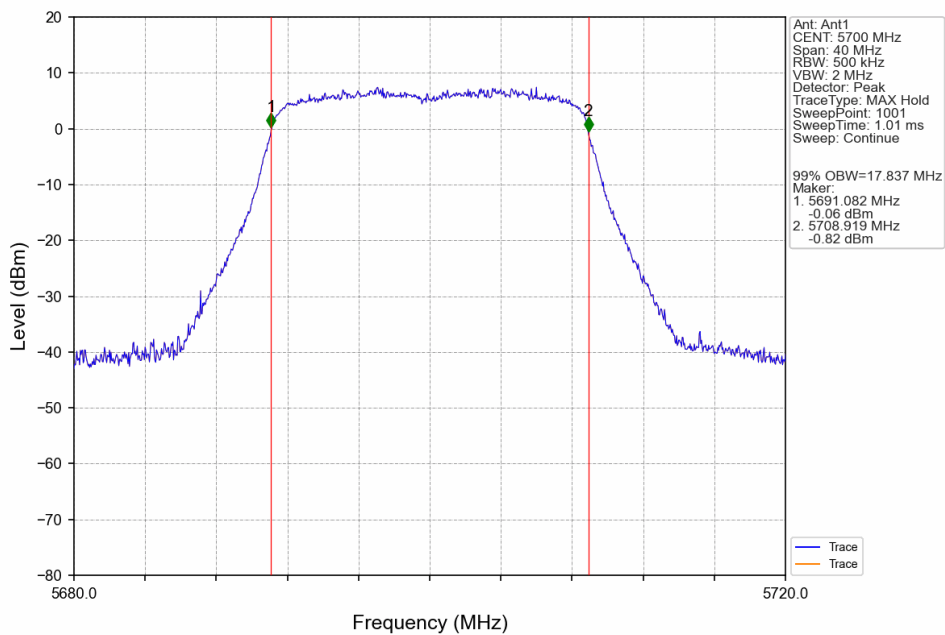
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



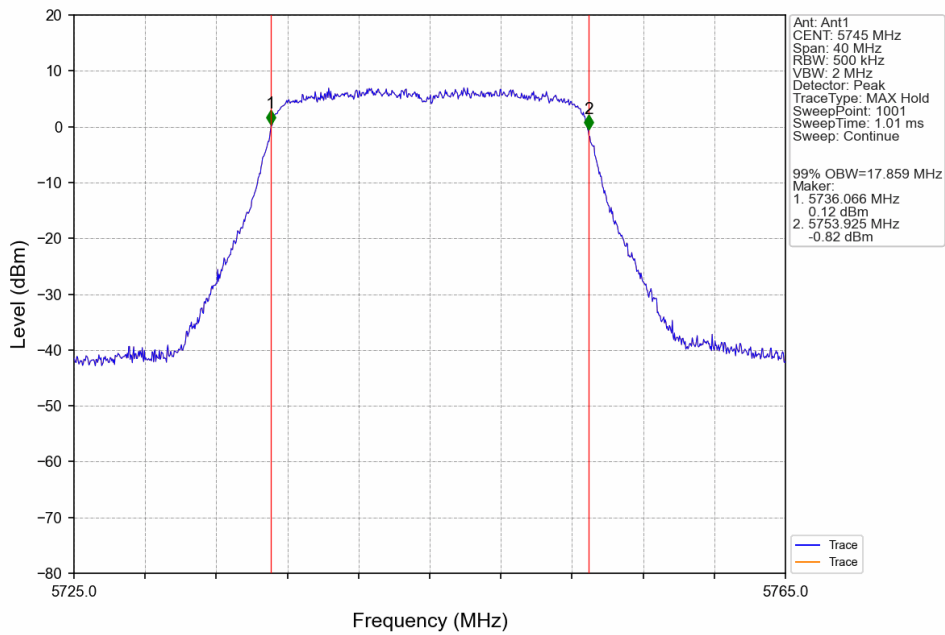
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



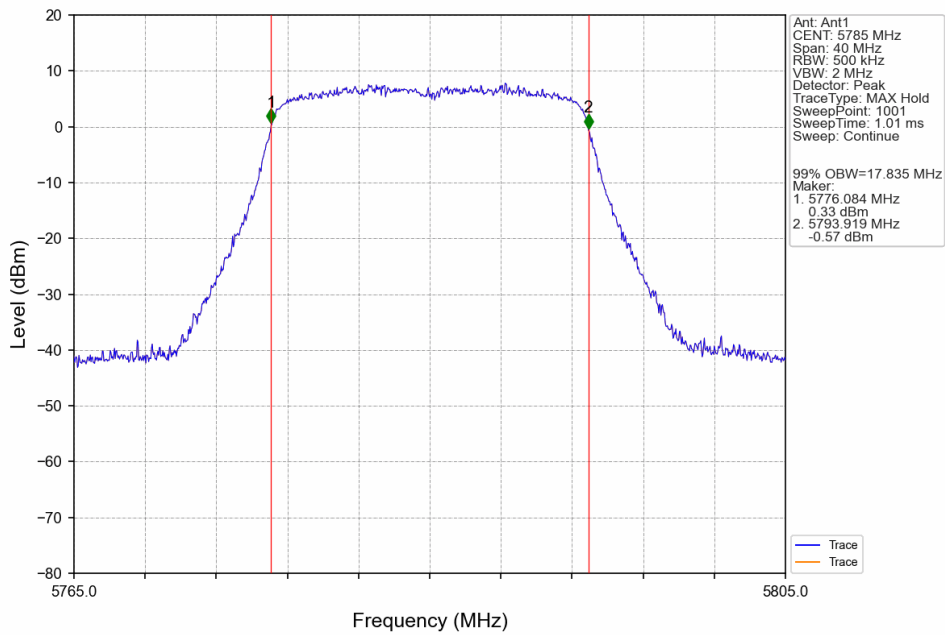
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



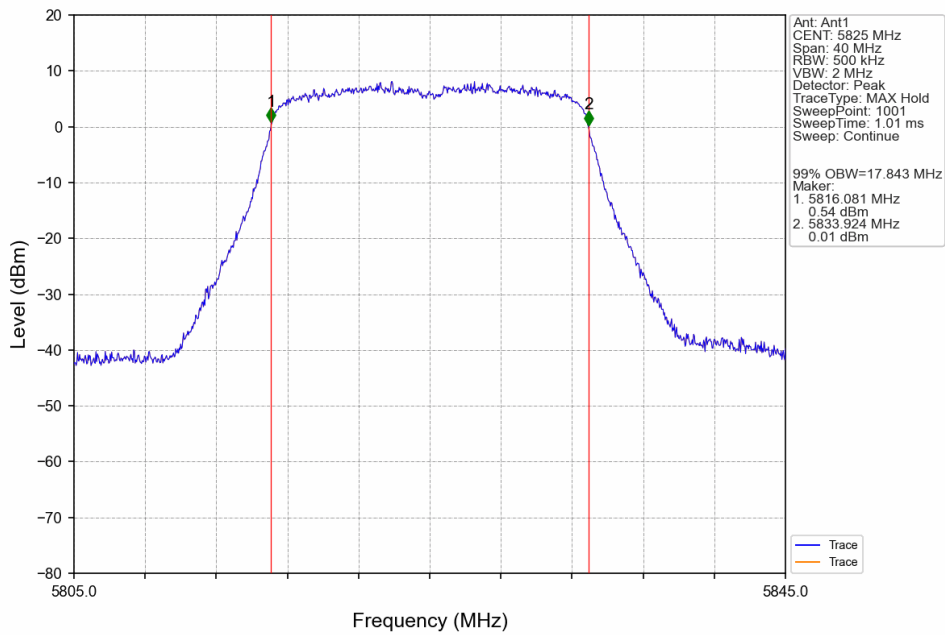
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



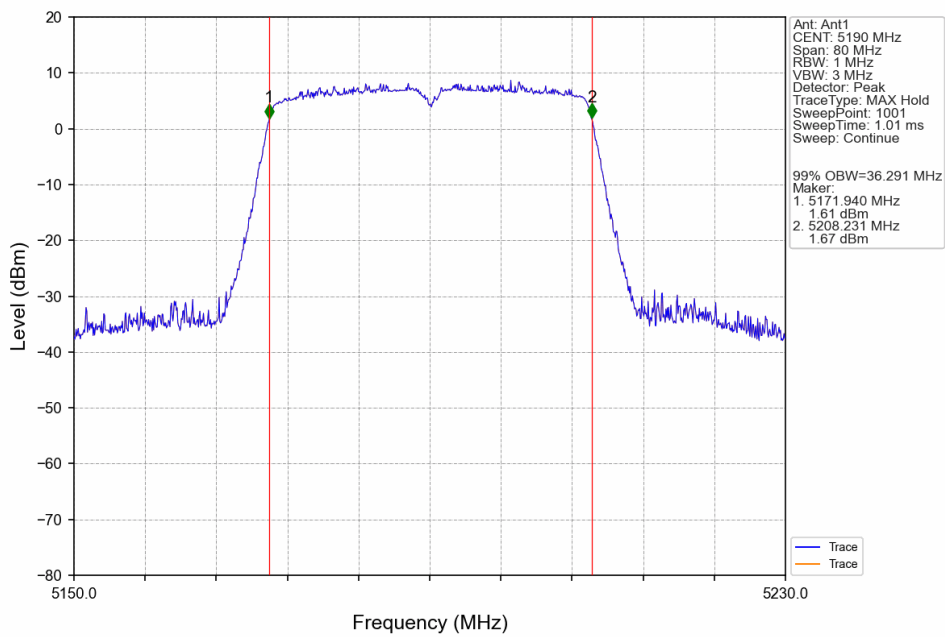
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



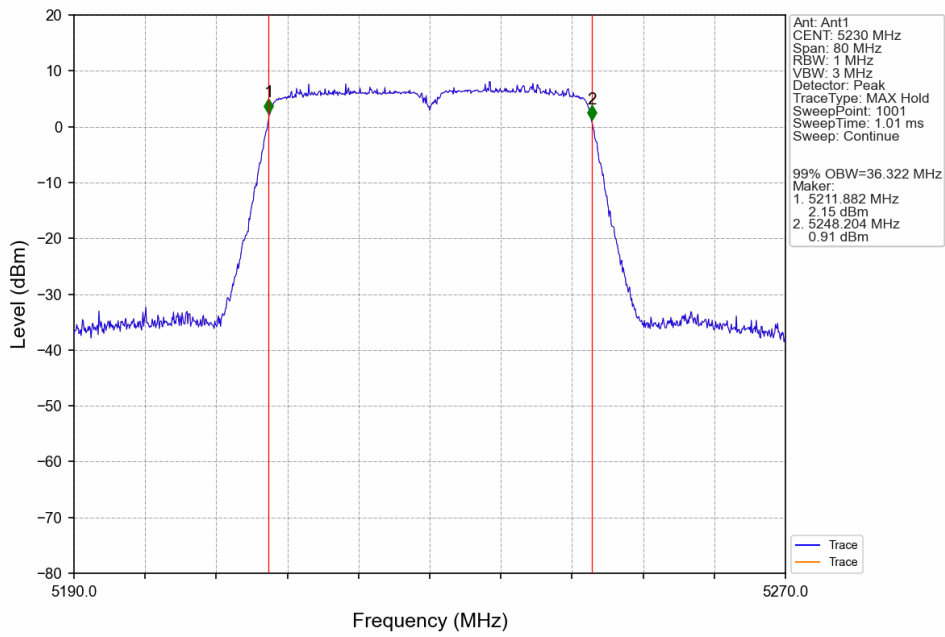
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



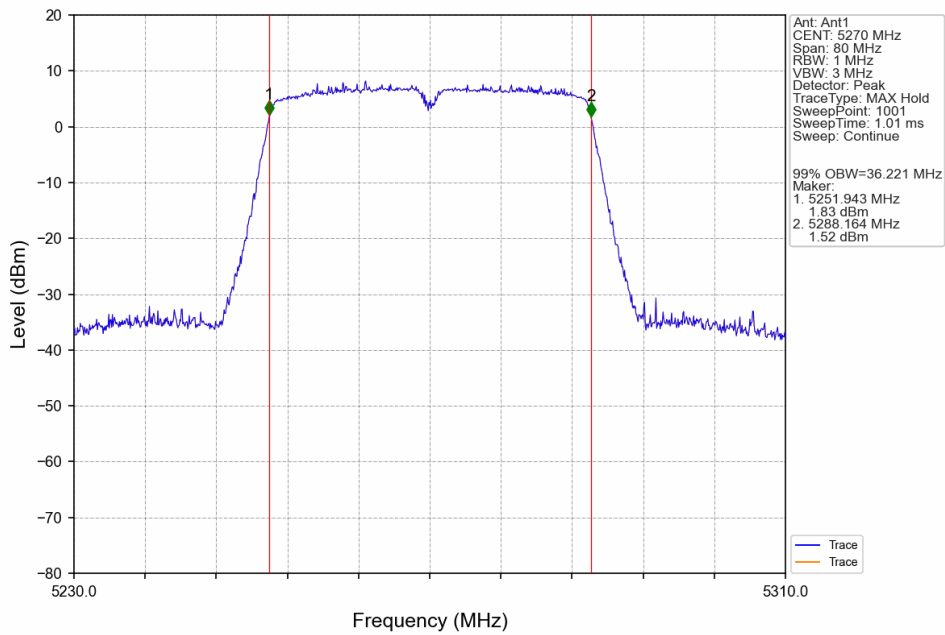
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



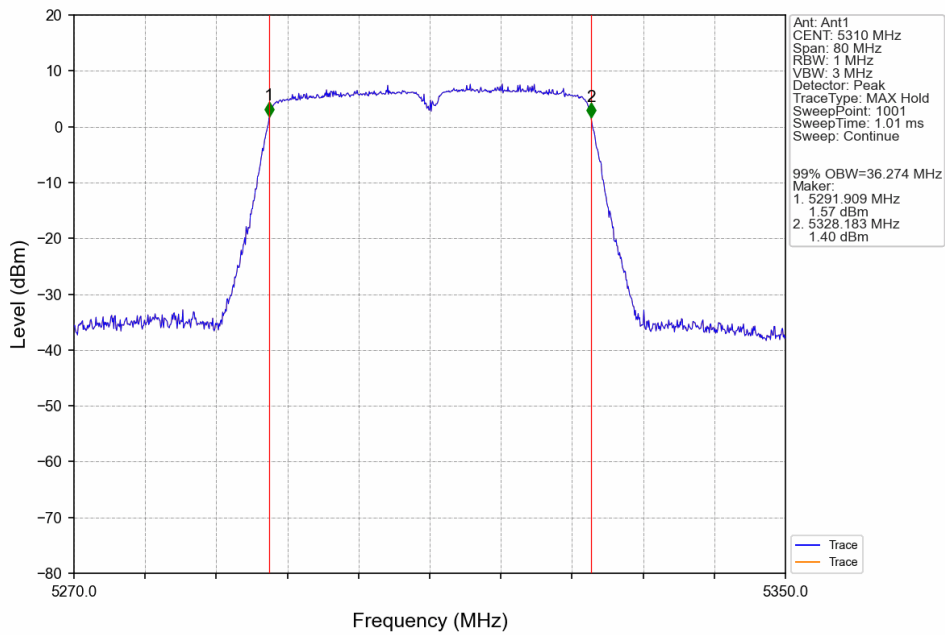
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



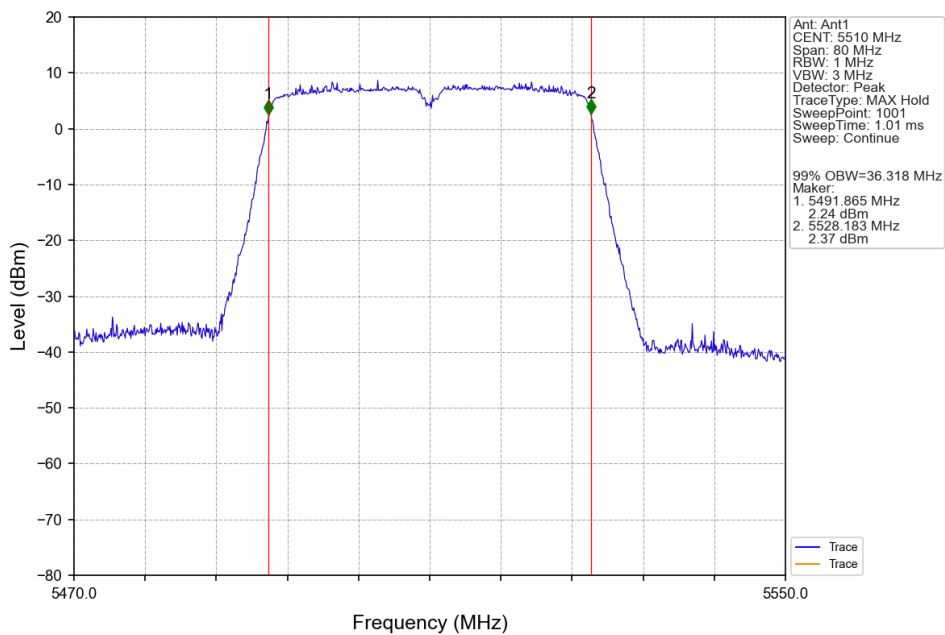
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



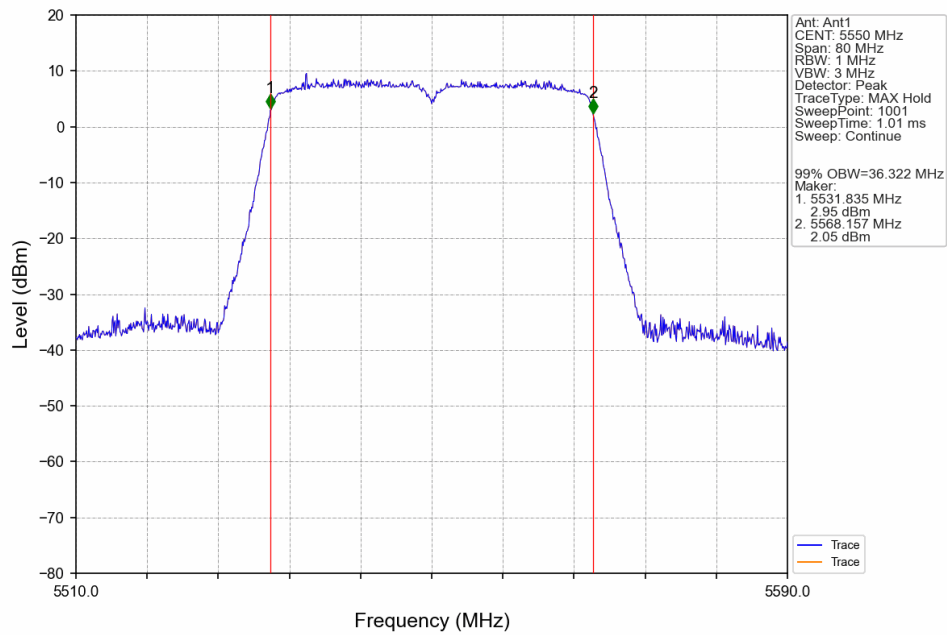
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



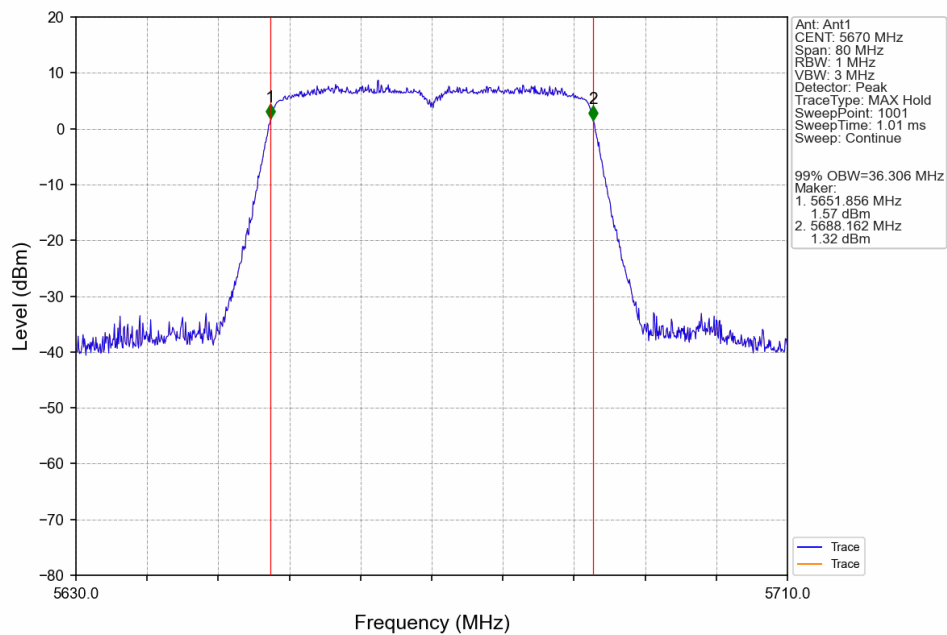
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



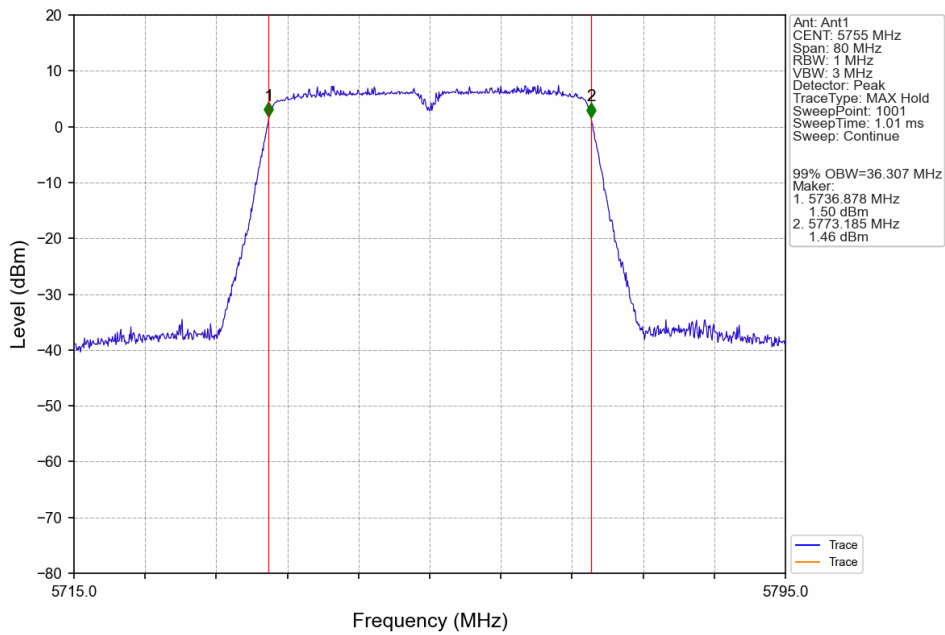
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



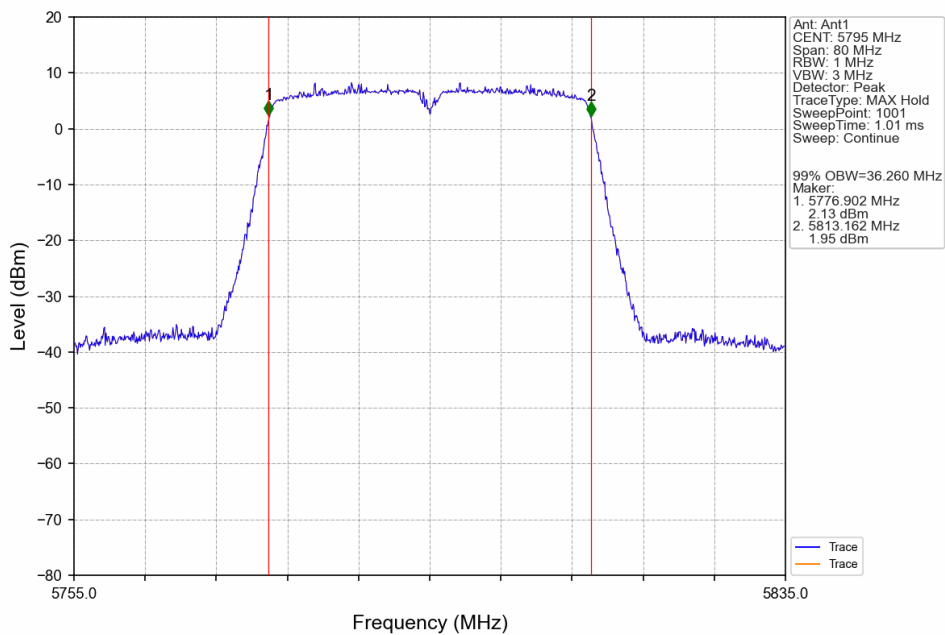
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



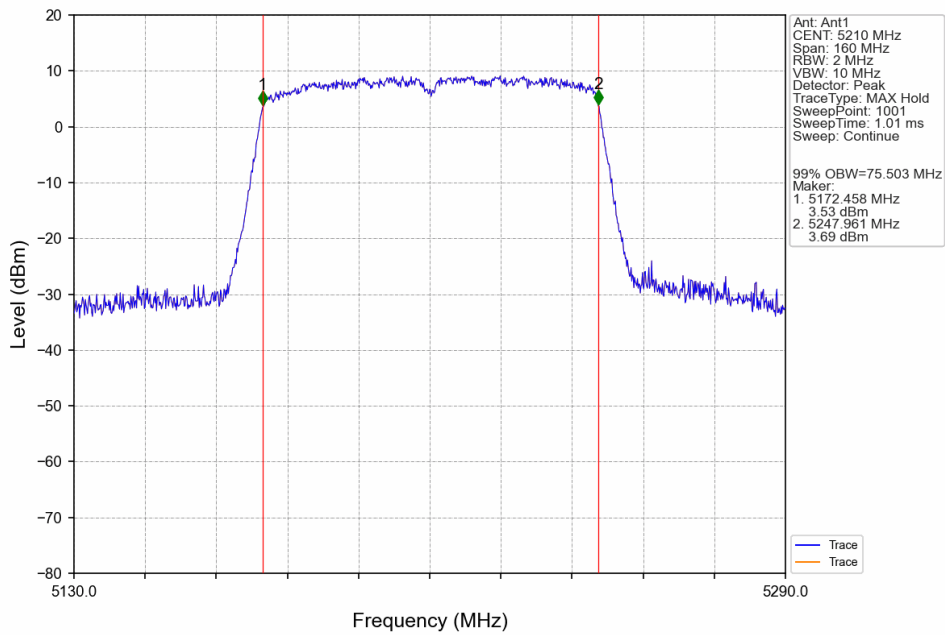
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



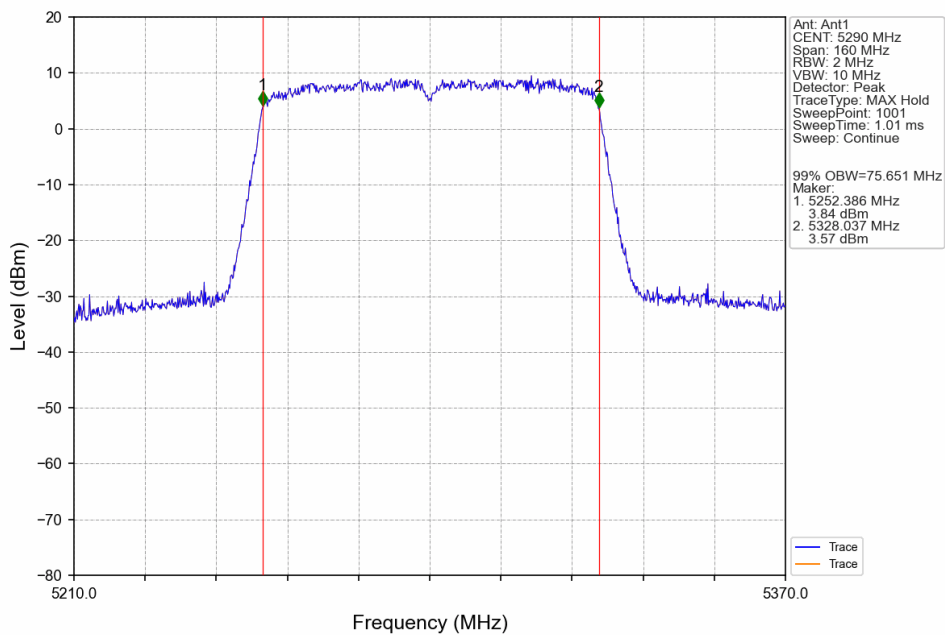
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



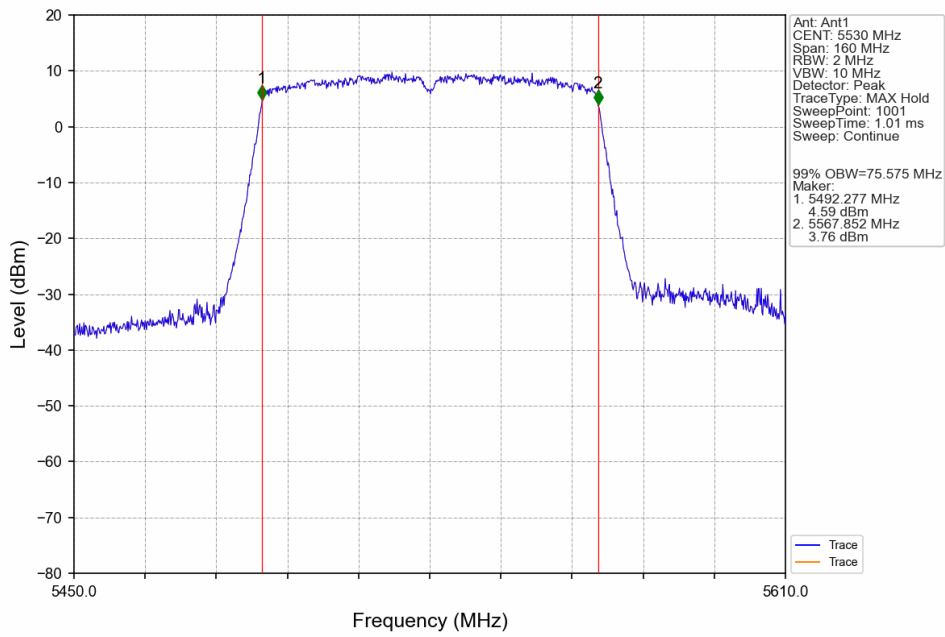
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



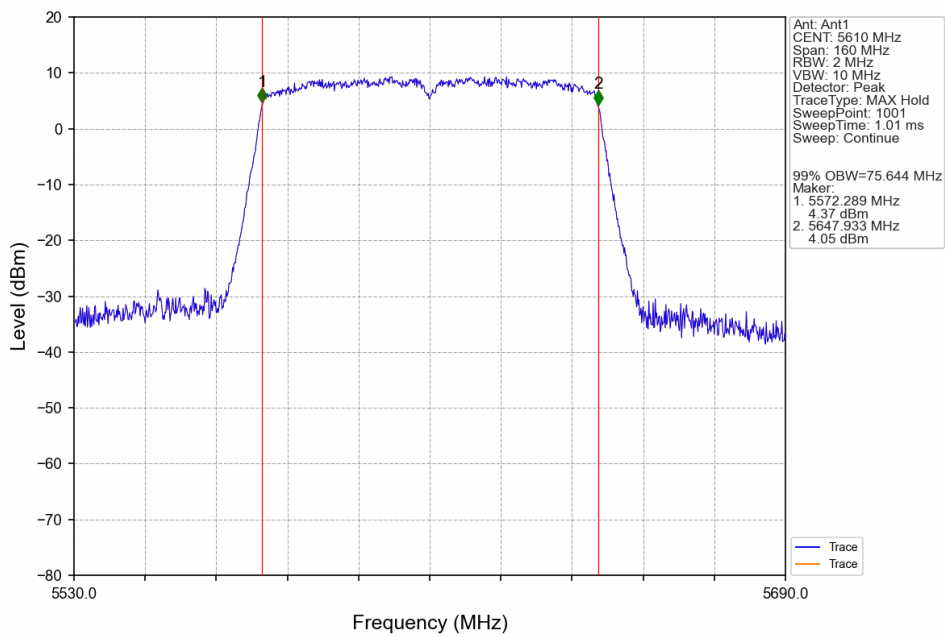
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



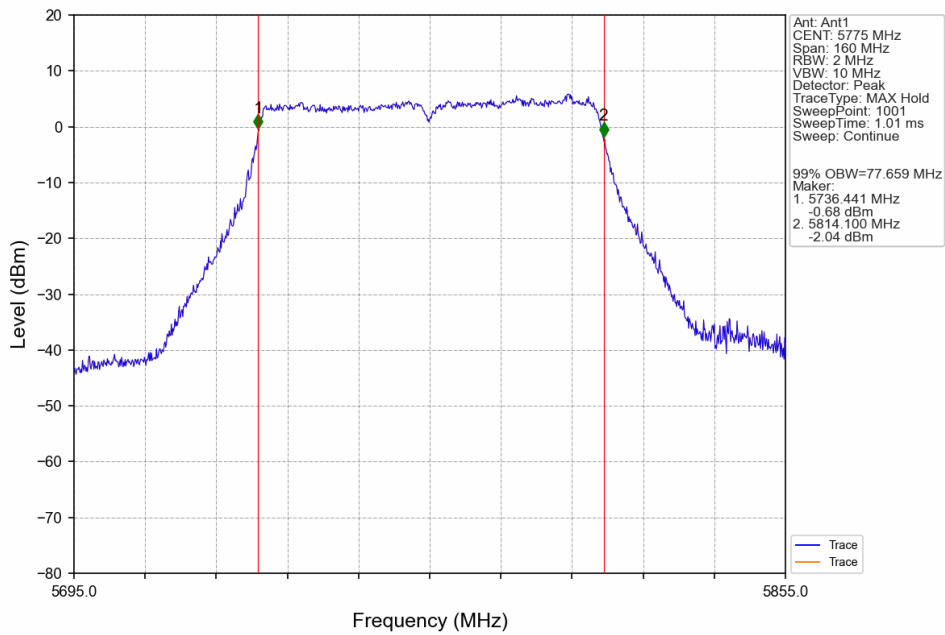
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



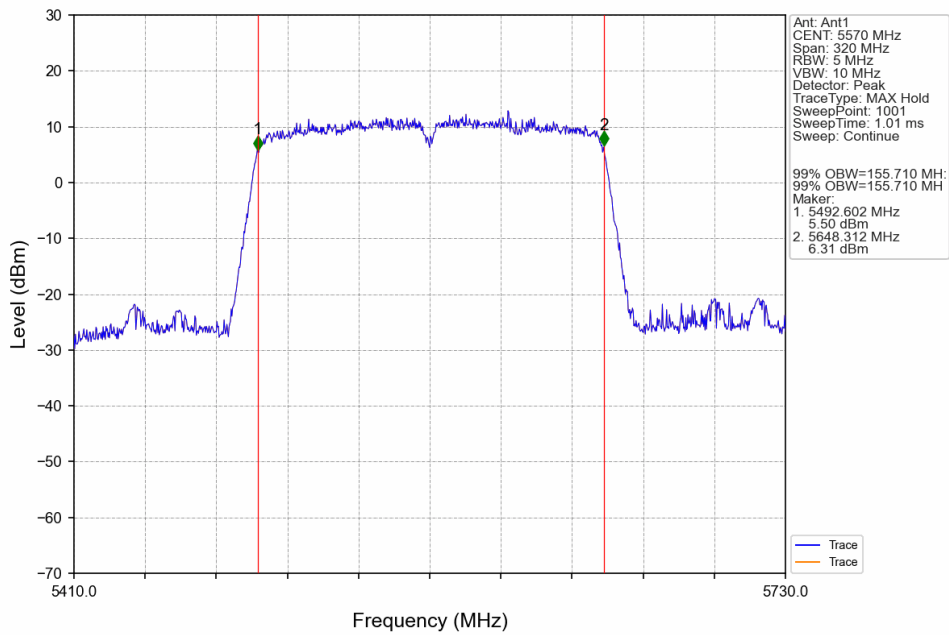
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



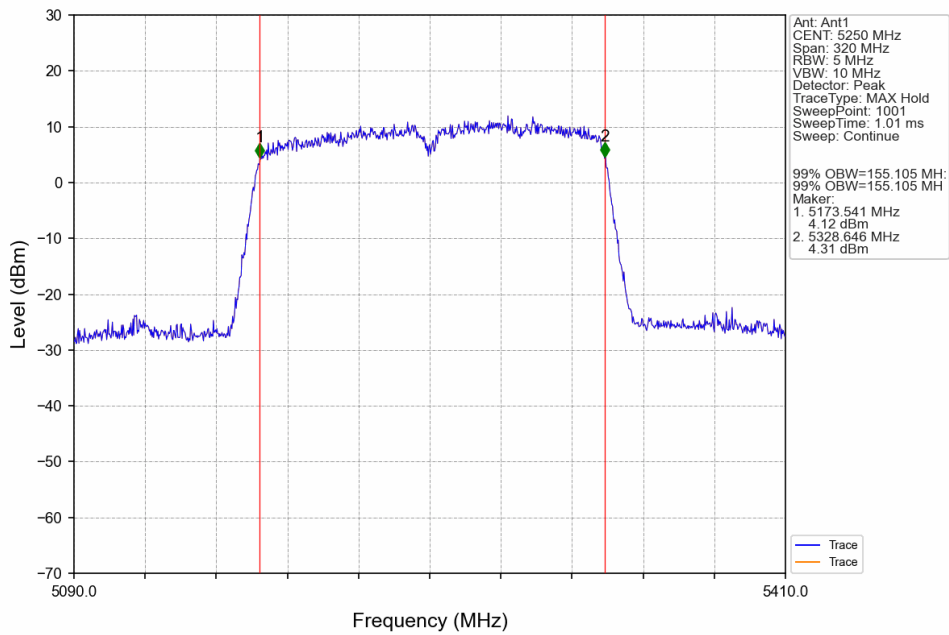
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



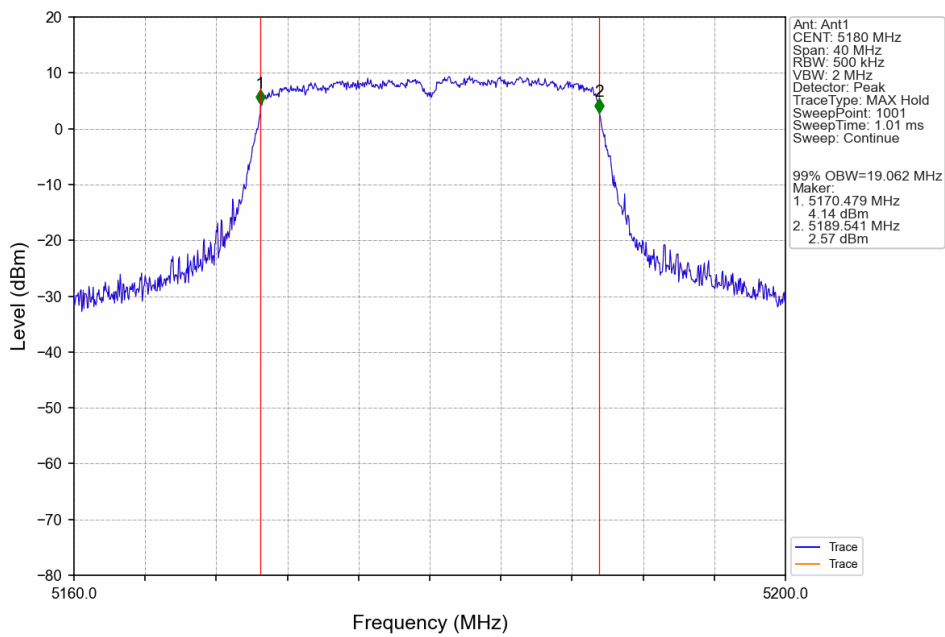
802.11ac(VHT160)_MCH_5570MHz_Ant1_NTNV



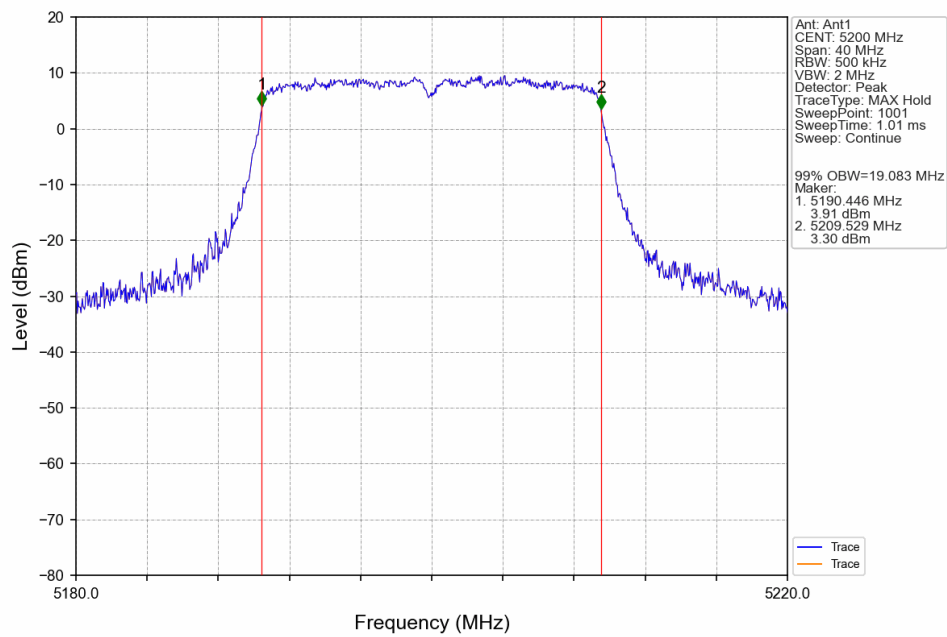
802.11ac(VHT160)_MCH_5250MHz_Ant1_NTNV



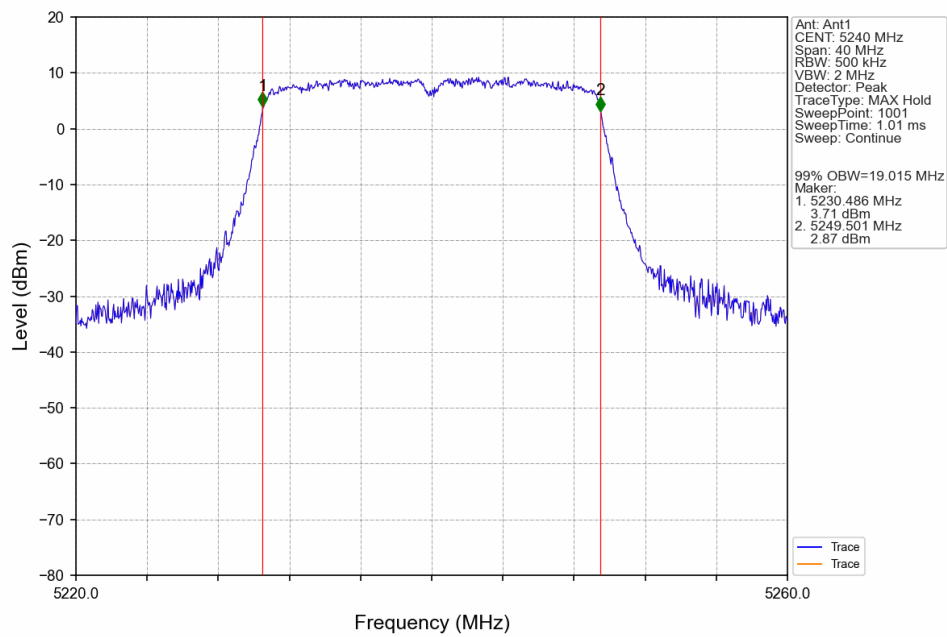
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



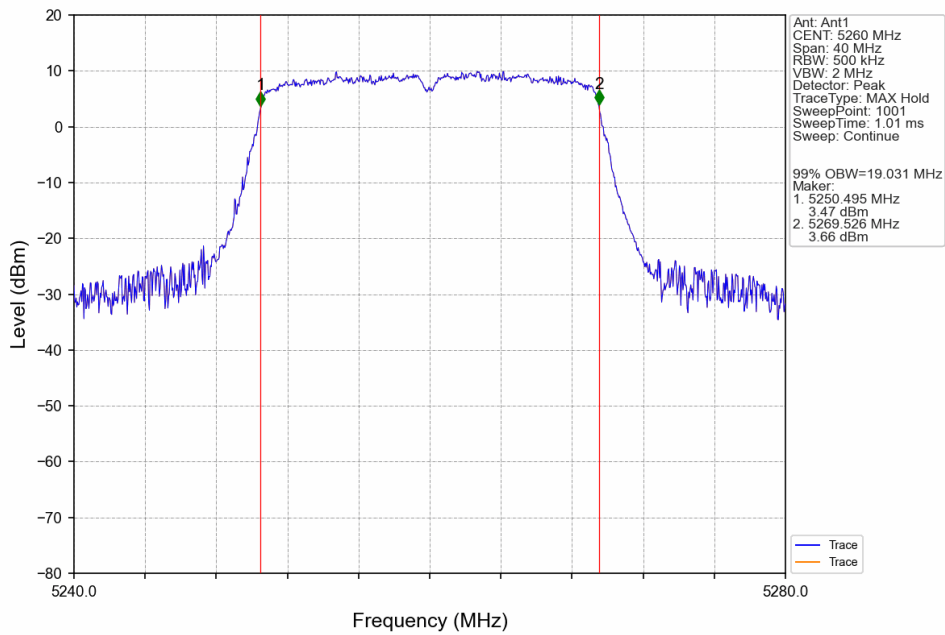
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



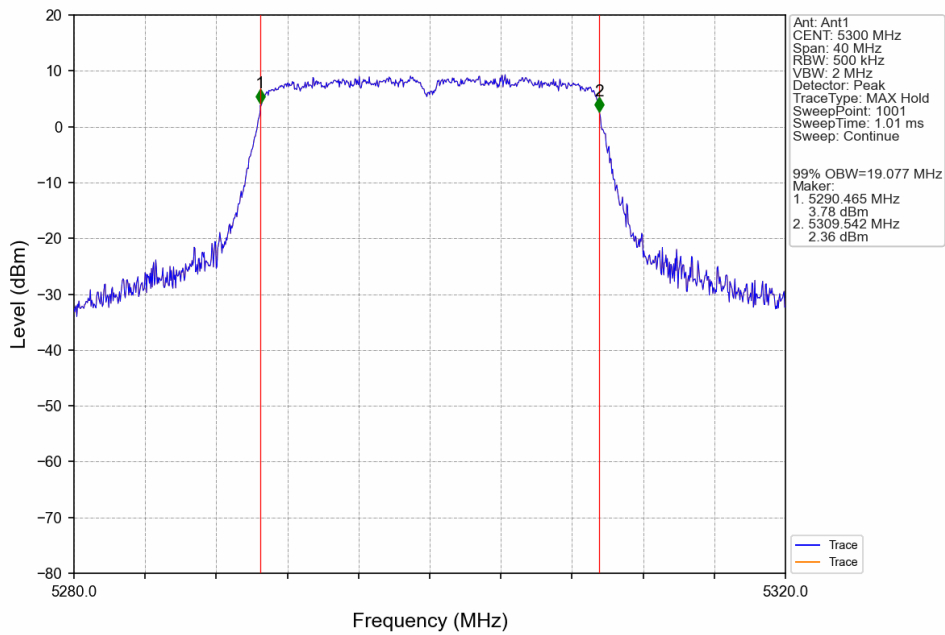
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



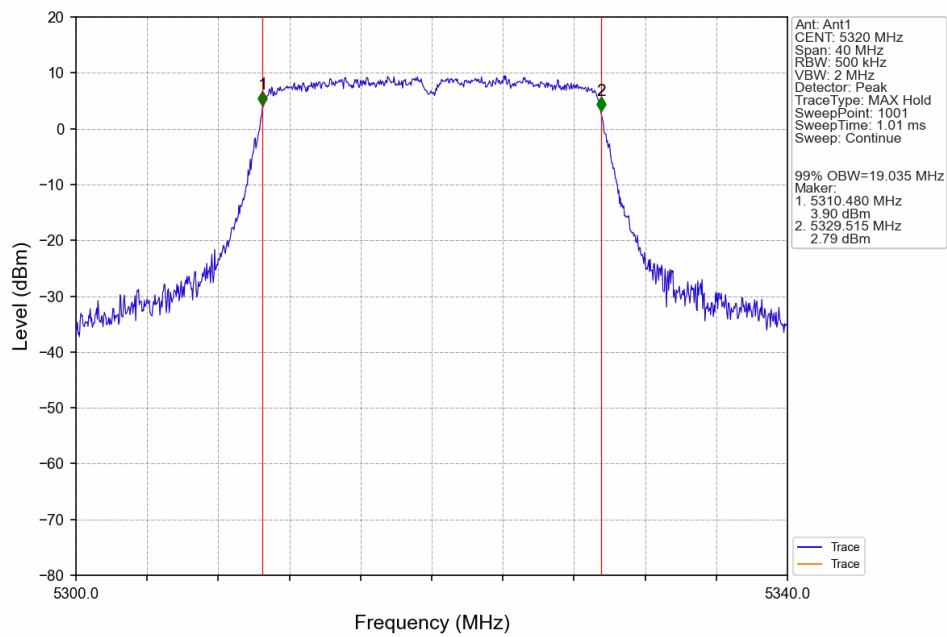
802.11ax(HEW20)_LCH_5260MHz_RU242_Left_Ant1_NTNV



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

