

TEST REPORT

Application No.: GZCR2504000636LM
Applicant: Shenzhen Shuzi Information Technology Co., Ltd.
Address of Applicant: Room 202, workshop, No. 6 Jianxin Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen
Manufacturer: Shenzhen Shuzi Information Technology Co., Ltd.
Address of Manufacturer: Room 202, workshop, No. 6 Jianxin Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen
Factory: Shenzhen Shuzi Information Technology Co., Ltd.
Address of Factory: Room 202, workshop, No. 6 Jianxin Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen
Product Name: Industrial Internet Lamp
Model No.: L1-ZA (WiFi) -ABFT-RYG
Trade Mark: Shuzi
Standard(s) : MIC Item 19-3 of Article 2 Paragraph 1
Date of Receipt: 2025-04-28
Date of Test: 2025-06-16
Date of Issue: 2025-07-23

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.



Jerry Chan
Manager



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Version	Report No.	Date	Remark
01	GZCR250400063602	2025-07-23	Original

Authorized for issue by			
			
		Allen Zhou/Project Engineer	
			
		Vico Cui/Reviewer	



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2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	MIC Item 19-3 of Article 2 Paragraph 1	N/A	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Interference prevention capability		MIC Notice No.88 Appendix No.43	MIC Item 19-3 of Article 2 Paragraph 1	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Carrier sensing Capability	MIC Item 19-3 of Article 2 Paragraph 1	MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Frequency Error		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Occupied Bandwidth		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Antenna Power and EIRP		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Adjacent channel power tolerance		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Out-band emission power		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Spurious Emission Intensity		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Secondary Radiated Emission		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Transmission Burst Length		MIC Notice No.88 Appendix No.45	MIC Item 19-3 of Article 2 Paragraph 1	Pass
Dynamic Frequency Selection (Slave)		MIC Notice No.88 Appendix No.45	MIC Item 19-3, Item 19-3-2, Item 19-3-3 of Article 2 Paragraph 1	Pass

Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 24V
Cable(s):	N/A
Operation Frequency (20MHz):	5.2GHz band: 5180-5240MHz; 5.3GHz band: 5260-5320MHz; 5.6GHz band: 5500-5700MHz;
Operation Frequency (40MHz):	5.2GHz band: 5190-5230MHz; 5.3GHz band: 5270-5310MHz; 5.6GHz band: 5510-5670MHz;
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM);
Channel Spacing:	802.11a/n(HT20)/ac(HT20): 20MHz; 802.11n(HT40)/ac(HT40): 40MHz;
Antenna Type:	PIFA
Antenna Number:	1
Adaptive Type:	LBE under LBT based DAA
Antenna Gain:	2.9 dBi
DFS Function:	Slave with Radar detection
TPC Function:	Without TPC function

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	20	DC 24V
NTHV	20	DC 26.4V
NTLV	20	DC 21.6V
Note:		
NV:Normal Voltage	LV:Low Extreme Test Voltage	HV:High Extreme Test Voltage
NT:Normal Temperature	LT:Low Extreme Test Temperature	HT:High Extreme Test Temperature



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4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Mobile Phone	SAMSUNG	SM-G9508	R28K110W9JV
Note Book PC	LENOVO	Lenovo Xiaoxinchao 5000	PF0TNMG8
Wireless Router	TP-LINK	TL-WDR5620	1174017009906

4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Frequency Error	$\pm 7.25 \times 10^{-8}$
Occupied Bandwidth	$\pm 0.274\%$
Antenna Power and EIRP	$\pm 0.75\text{dB}$
Adjacent channel power tolerance	$\pm 0.75\text{dB}$
Out-band emission power	$\pm 0.75\text{dB}$
Spurious Emission Intensity	$\pm 0.75\text{dB}$
Secondary Radiated Emission	$\pm 0.75\text{dB}$
Transmission Burst Length	$\pm 0.274\%$

Remark:

The U_{lab} (lab Uncertainty) is less than U_{CISPR} (CISPR Uncertainty) or U_{ETSI} (ETSI Uncertainty).

Emission decision rule:

- Compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit, marked as Pass in the report.
- Non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit, marked as Fail in the report.

4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou,
Guangdong, China 510663

Tel: +86 20 82155555

No tests were sub-contracted.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:



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● ACMA

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian/New Zealand Regulatory Compliance Mark (RCM).

● SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

● FCC Recognized Accredited Test Firm(Registration No.: 486818)

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818.

● ISED (Registration No.: 4620B, CAB identifier: CN0052)

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

● VCCI (Registration No.: R-12460, C-12584, G-20107 and T-11179)

The 10m Semi-anechoic chamber, 966 Anechoic Chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-20107 and T-11179 respectively.

● CBTL (Lab Code: TL129)

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2017, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

RF conducted test								
Equipment	Manufacturer	Model No.	Inventory No.	Serial No.	Cal Date	Cal Due Date	Cal. Site	Cal. Law
MI CABLE	SGS-EMC	0.8M	EMC2136	1102098	2023-11-02	2025-11-01	SGS	Article 24-2, Paragraph 4 of the Radio Act
EXA Signal Analyzer	Agilent Technologies	N9010A	EMC2222	MY533005511	2024-12-03	2025-12-02	GRG TEST	
4X4 Power sensor Unit	TST	TSPS2023R	EMC2257	T2022.008	2024-08-19	2025-08-18	GRG TEST	
Test Software	TST	V2.0	GZE100-78	N/A	N/A	N/A	N/A	N/A

General used equipment								
Equipment	Manufacturer	Model No	Inventory No	Serial No.	Cal Date	Cal Due Date	Cal. Site	Cal. Law
DMM	Fluke	73	EMC0006	70681569	2025-06-03	2026-06-02	CEPREI	Article 24-2, Paragraph 4 of the Radio Act



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6 Radio Spectrum Technical Requirement

6.1 E.U.T. Test Conditions

Power supply:

INPUT: DC 24V; the RF unit supplied by 3.3 V.

The EUT has the input voltage to the circuit of RF unit complies with output voltage limitation ($\pm 1\%$) against input voltage fluctuation ($\pm 10\%$).

So, all measurements were conducted at rated voltage DC 24V

The measurement result of the voltage fluctuation at RF circuit when AC 120 V, 60 Hz.

Mains input	Measured value	Voltage Deviation
DC 24V	3.3 V	0%
DC 26.4V	3.28V	-0.6%
DC 21.6V	3.31V	0.3%

Temperature:

-20.0 -55.0 °C

Humidity:

45-85 % RH

Atmospheric Pressure:

1000 -1010 mbar

Test frequencies:

If the EUT can be set to 3 of more different (carrier) frequencies in 1 allocated band, testing shall be performed using the Lowest, Middle and the Highest frequency (L, M and H). If there are 2 or fewer frequencies, testing shall be performed with the available frequencies.

6.2 Antenna Requirement

6.2.1 Test Requirement:

MIC Item 19-3 of Article 2 Paragraph 1

6.2.2 Conclusion

Standard requirement:

Applicable for equipment with an antenna terminal, including testing terminals. If an antenna connector is available, all relevant tests will be carried out conducted. If not, tests will be carried out in an anechoic room or with a suitable test-fixture.

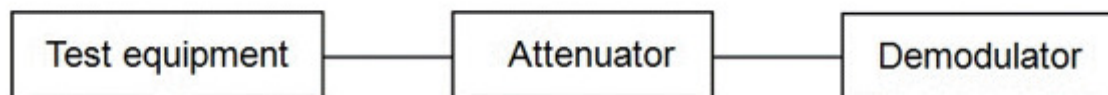
EUT Details: The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antennas are Antenna 2.9dBi.

6.3 Interference prevention function

6.3.1 Test Requirement:

MIC Item 19-3 of Article 2 Paragraph 1

6.3.2 Test Setup Diagram



6.3.3 Conclusion

Standard Requirement:

- 1) Measurement system diagram as shown above and test equipment keep transmitting identification code.
 - 2) Condition of measuring instrument(1) Demodulator must be able to demodulate the transmitting signal emitted by test equipment and to indicate the identification code.
 - 3) Condition of test equipment The mode of normal use.
 - 4) Measuring operation procedure(1) When test equipment has the function to transmit identification code automatically:
 - A) Transmit the predetermined identification code from test equipment.
 - B) Confirm the transmitted identification code by demodulator.
- EUT Details: The unit does meet the requirements (Good).

7 Radio Spectrum Matter Test Results

7.1 Carrier sensing Capability

Test Requirement MIC Item 19-3 of Article 2 Paragraph 1

7.1.1 Measurement Procedure and Data

Test Procedure:
(1) Set the standard signal generator as follows:
Carrier frequency: Center frequency of receiving frequency band of test equipment
Modulation: No modulation (when the carrier sense function does not work by the the unmodulated subcarrier in center frequency, shift the frequency or modulate if needed.)
Output level: In the antenna input unit of a test equipment, field intensity is equivalent to the value which becomes 100mV/m.
(2) Set the spectrum analyzer as follows:
Center frequency: Center frequency of the bandwidth used.
Sweep frequency band: 50MHz
Resolution bandwidth: Approximately 1 MHz
Video bandwidth: Approximately same as the resolution bandwidth
Y-axis scale: 10dB/Div
Trigger condition: Free-run
Detective mode: Positive peak
(3) Measuring operation
(a) Test with test equipment only: Set the test equipment to the transmitting operation with the output of standard signal generator OFF, and confirm that it emits radio wave, using spectrum analyzer.
(b) Set the test equipment to the receiving mode.
(c) Set the test equipment to the transmitting operation with the output of standard signal generator ON, and confirm that it does not emit radio wave, using spectrum analyzer.

EUT Details:

The unit does meet the requirements (Good).

Please Refer to Appendix for Details



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7.2 Frequency Error

Test Requirement	MIC Item 19-3 of Article 2 Paragraph 1
Test Method:	MIC Notice No.88 Appendix No.45
Limit:	Tolerance of frequency: $\pm 20 \times 10^{-6}$

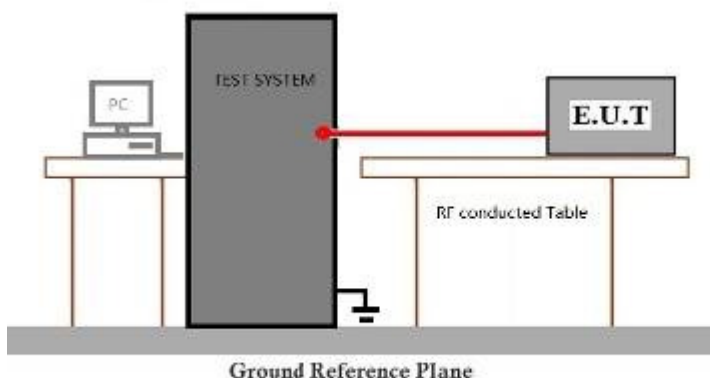
7.2.1 E.U.T. Operation

Operating Environment:			
Temperature:	22.6 °C	Humidity:	58.5 % RH
		Atmospheric Pressure:	1004 mbar

7.2.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	
Final test 04	TX mode_Keep the EUT in continuously transmitting mode with Carrier Wave.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

1. Test Conditions:

Spectrum Analyzer is used for measurement.

2. EUT conditions:

Modulation/Spread/Hopping OFF, CW Tx

3. Spectrum Analyzer conditions:

Frequency: Test Frequency

Span 1MHz

RBW 10 kHz (Modulation OFF),

VBW 10 kHz (Modulation OFF),

Sweep Time Auto

Detector mode Positive peak

Indication mode Max hold

Alternative method:

Frequency: Test Frequency

Span 2 times channel bandwidth

RBW 100 kHz (Modulation ON),

VBW 100 kHz (Modulation ON),

Sweep Time Auto

Detector mode Positive peak

Indication mode Max hold

Please Refer to Appendix for Details



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7.3 Occupied Bandwidth

Test Requirement	MIC Item 19-3 of Article 2 Paragraph 1
Test Method:	MIC Notice No.88 Appendix No.45
Limit:	20 MHz system: 5.2 GHz and 5.3 GHz band: OFDM: 19 MHz or less Other than OFDM: 18 MHz or less 5.6 GHz band: 19.7 MHz or less 40 MHz system: 38MHz or less 80 MHz system: 78MHz or less 160 MHz system: 158MHz or less 160 MHz (80+80MHz) system: 78MHz or less per band

7.3.1 E.U.T. Operation

Operating Environment:					
Temperature:	22.6 °C	Humidity:	58.5 % RH	Atmospheric Pressure:	1004 mbar

7.3.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	
Final test 00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); ; Only the data of worst case is recorded in the report.



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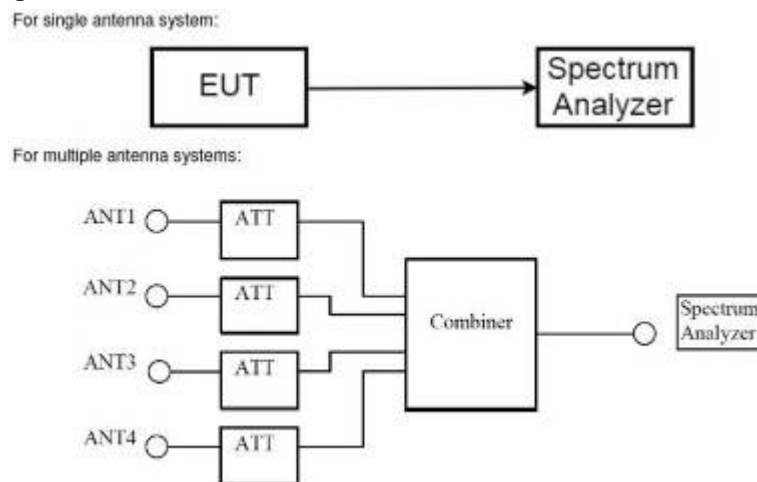
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7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

Frequency: Test Frequency

Span: 2 ~ 3.5 times the technical standard

RBW: Within 3% of the technical standard

VBW: Same as RBW

Sweep Time: Auto

Detector mode: Positive peak

Indication mode: Maxhold

OBW: 99%

Please Refer to Appendix for Details



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7.4 Antenna Power and EIRP

Test Requirement MIC Item 19-3 of Article 2 Paragraph 1

Test Method: MIC Notice No.88 Appendix No.45

Limit:

Tolerance:	- 5.2 GHz and 5.3 GHz bands: +20% to -80% - 5.6 GHz band: +50% to -50%
5.2 and 5.3GHz Bands	
Antenna Power	
(1) DSSS	10mW/MHz or less
(2) OFDM	
OBW ≤ 19 MHz	10mW/MHz or less
19 MHz < OBW ≤ 38 MHz	5mW/MHz or less
38 MHz < OBW ≤ 78 MHz	2.5mW/MHz or less
78 MHz < OBW ≤ 158 MHz	1.25mW/MHz or less
(3) Other than DSSS OFDM	10mW
EIRP	
(1) OBW ≤ 19 MHz	
5.2 GHz Band	10mW/MHz or less
5.3 GHz Band	10mW/MHz or less 5mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
(2) 19 MHz < OBW ≤ 38 MHz	
5.2 GHz Band	5mW/MHz or less
5.3 GHz Band	5mW/MHz or less 2.5mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
(3) 38 MHz < OBW ≤ 78 MHz	
5.2 GHz Band	2.5mW/MHz or less
5.3 GHz Band	2.5mW/MHz or less 1.25mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
(4) 78 MHz < OBW ≤ 158 MHz	
5.2 GHz and 5.3 GHz Band	1.25mW/MHz or less 0.625mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
5.6GHz Band	
Antenna Power	
(1) DSSS	10mW/MHz or less
(2) OFDM	
OBW ≤ 19.7 MHz	10mW/MHz or less
19.7 MHz < OBW ≤ 38 MHz	5mW/MHz or less
38 MHz < OBW ≤ 78 MHz	2.5mW/MHz or less
78 MHz < OBW ≤ 158 MHz	1.25mW/MHz or less
(3) Others	10mW



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EIRP	
(1) $OBW \leq 19.7 \text{ MHz}$	50mW/MHz or less 25mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
(2) $19.7 \text{ MHz} < OBW \leq 38 \text{ MHz}$	25mW/MHz or less 12.5mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
(3) $38\text{MHz} < OBW \leq 78\text{MHz}$	12.5mW/MHz or less 6.25mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
(4) $78 \text{ MHz} < OBW \leq 158 \text{ MHz}$	6.25mW/MHz or less 3.125mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)
Transmission using two bandwidths under 5.2GHz, 5.3GHz and 5.6GHz band	
Antenna Power	
$38\text{MHz} < OBW \leq 78\text{MHz}$	1.25mW/MHz or less
EIRP	
5.2 GHz band and 5.6 GHz band	1.25mW/MHz or less
5.3 GHz band and 5.6 GHz band	1.25mW/MHz or less 0.625mW/MHz or less (for EUTs that do NOT have Transmit Power Control functions)

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C Humidity: 58.5 % RH Atmospheric Pressure: 1004 mbar

7.4.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	

Final test 00

TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); ; Only the data of worst case is recorded in the report.



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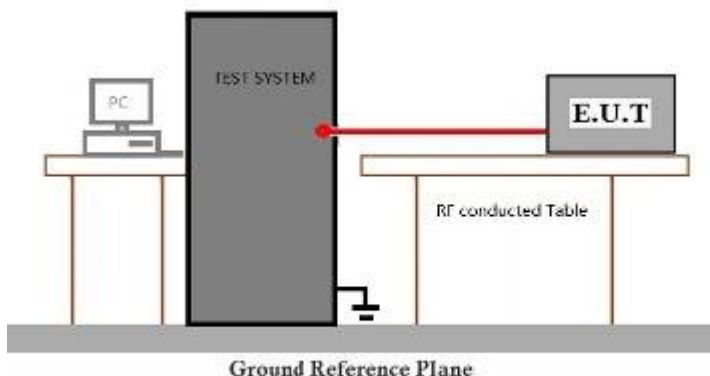
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7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

[Setting 1] - Search for peak power frequency Center Frequency: Test frequency Span: Approximately twice the occupied bandwidth RBW: 1MHz VBW: Approximately three times the RBW Sweep time: Auto Sweep data points: 1001 or greater Detector mode: Positive peak Indication mode: Max hold [Setting 2] - Measurement of average antenna power for OFDM, DSSS Frequency: Frequency of peak power found using [Setting 1] Span: 0 Hz RBW: 1MHz Detector mode: Sample Sweep: Minimum time required to make an accurate measurement. For burst type (intermittent) transmission, sweep time shall be greater than one burst interval Sweep data points: 1001 or greater [Setting 3] - Measurement of average antenna power other than for DSSS, OFDM Frequency: Frequency of peak power found using [Setting 1] Span: 0 Hz RBW: Bandwidth sufficient to cover that occupied by the carrier VBW: Bandwidth sufficient to cover that occupied by the carrier Detector mode: Sample Sweep: Minimum time required to make an accurate measurement. For burst type (intermittent) transmission, sweep time shall be greater than one burst interval Sweep data points: 1001 or greater

7.5 Adjacent channel power tolerance

Test Requirement MIC Item 19-3 of Article 2 Paragraph 1

Test Method: MIC Notice No.88 Appendix No.45

Limit:

Test Condition	Measurement Bandwidth	Separation from Center of Transmit Frequency	Limit
OBW $\leq$ 18MHz	18 MHz	20 MHz	25 dB or more
		40 MHz	40 dB or more
18MHz < OBW $\leq$ 19MHz	19 MHz	20 MHz	25 dB or more
		40 MHz	40 dB or more
19MHz < OBW $\leq$ 38MHz	38 MHz	40 MHz	25 dB or more
		80 MHz	40 dB or more
38MHz < OBW $\leq$ 78MHz	78 MHz	80 MHz	25 dB or more

Test Condition	Measurement Bandwidth	Separation from Center of Transmit Frequency	Limit
OFDM	OBW $\leq$ 19.7MHz	20 MHz	25 dB or more
		40 MHz	40 dB or more
	19.7MHz < OBW $\leq$ 38MHz	40 MHz	25 dB or more
		80 MHz	40 dB or more
38MHz < OBW $\leq$ 78MHz	78 MHz	80 MHz	25 dB or more
		80 MHz	25 dB or more
Other than OFDM	18 MHz	20 MHz	25 dB or more
		40 MHz	40 dB or more

5.2 GHz, 5.3 GHz and 5.6 GHz band			
Test Condition	Measurement Bandwidth	Separation from Center of Transmit Frequency	Limit
38MHz < OBW $\leq$ 78MHz	78 MHz	80 MHz	25 dB or more

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C

Humidity: 58.5 % RH

Atmospheric Pressure: 1004 mbar



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7.5.2 Test Mode Description

Pre-scan /	Mode	Description
Final test	Code	

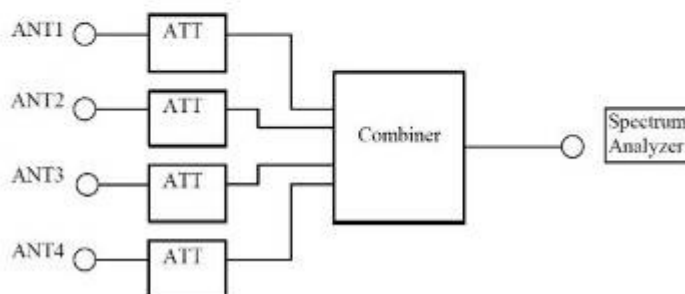
Final test	00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40);Only the data of worst case is recorded in the report.
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7.5.3 Test Setup Diagram

For single antenna system:



For multiple antenna systems:



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7.5.4 Measurement Procedure and Data

[Setting 1] Center Frequency: Test Frequency Span: (see Note1) RBW: 300kHz VBW: 300kHz Sweep time: Auto Sweep data points: 1001 or greater Detector mode: Sample (for Continuous Type) & Positive peak (for Burst Type) Indication mode: Single sweep (for Continuous Type) & Max hold (for Burst Type) 5.2GHz and 5.3GHz Band OBW $\leq$ 18MHz: 18MHz 18MHz < OBW $\leq$ 20MHz: 20MHz 20MHz < OBW $\leq$ 40MHz: 40MHz 40MHz < OBW $\leq$ 80MHz: 80MHz 5.6GHz Band OFDM OBW $\leq$ 20MHz: 20MHz 20MHz < OBW $\leq$ 40MHz: 40MHz 40MHz < OBW $\leq$ 80MHz: 80MHz Others: 18MHz EUT Configuration-Continuous or burst transmission-Modulated-Rated output power declared in the construction design document

Test Procedure (1) Configure the spectrum analyzer to [Setting 1] and set the EUT to transmit mode (2) Measure the transmitter power (defined as PC) using the procedure shown below (a) Set the center of the span to the transmit frequency (b) After sweeping the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the PC (3) Measure the Upper Adjacent Channel Leakage Power (defined as PU) using the procedure shown below. For measurement frequency, see Note2. (a) Set the center of the span to [Transmit Frequency + 20 MHz (or 40 MHz)] (b) Sweep the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the PU (e) After setting the center of the span to [Transmit Frequency + 40MHz (or 80 MHz)], repeat steps (b) through step (d) (4) Measure the Lower Adjacent Channel Leakage Power (defined as PL) using the procedure shown below. For measurement frequency, see Note2. (a) Set the center of the span to [Transmit Frequency + 20 MHz (or 40 MHz)] (b) Sweep the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the PL (e) After setting the center of the span to [Transmit Frequency + 40MHz (or 80 MHz)], repeat steps (b) through step (d) (5) Derive all the Adjacent Channel Leakage Power Ratios using the formula shown below-Upper Adjacent Channel Leakage Power Ratio = $10 \log (PU / PC)$ -Lower Adjacent Channel Leakage Power Ratio = $10 \log (PL / PC)$ (6) If the EUT has multiple antennas then the following steps shall be taken (a) Repeat steps (1) through step (5) for each individual antenna (b) Repeat steps (1) through step (5) with all the antennas combined (c) To derive the total PC, sum the individual antenna PC measurements from step (a) (d) Derive the total PU and total PL using the same procedure as step (c) (e) Calculate the Adjacent Channel Leakage Power Ratio using the total PC, total PU and total PL using the formula in step (5) 5.2 GHz and 5.3 GHz band OBW $\leq$ 18 MHz: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz 18MHz < OBW $\leq$ 20MHz: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz 20MHz < OBW $\leq$ 40MHz: Transmit frequency $\pm$ 40 MHz, $\pm$ 80 MHz 40MHz < OBW $\leq$ 80MHz: Transmit frequency $\pm$ 80 MHz 5.6GHz Band OFDM OBW $\leq$ 20MHz: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz 20MHz < OBW $\leq$ 40MHz: Transmit frequency $\pm$ 40 MHz, $\pm$ 80 MHz 40MHz < OBW $\leq$ 80MHz: Transmit frequency $\pm$ 80 MHz Other than OFDM: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz

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7.6 Out-band emission power

Test Requirement MIC Item 19-3 of Article 2 Paragraph 1

Test Method: MIC Notice No.88 Appendix No.45

Limit:

5.2 GHz and 5.3GHz Band

(1) OBW ≤ 18MHz

- For 5180 MHz, 5200 MHz, 5220 MHz and 5240 MHz (Reference Channel: 5240MHz)

Frequency Band	EIRP (Δf: frequency in MHz)
5140MHz ≤ f ≤ 5142MHz	less than 2.5 uW/MHz
5142MHz < f ≤ 5150MHz	less than 15 uW/MHz
5250MHz ≤ f < 5251MHz	less than 10 ^{1-(Δf-9)} mW/MHz
5251MHz ≤ f < 5260MHz	less than 10 ^{-1-(8/90)(Δf-11)} mW/MHz
5260MHz ≤ f < 5266.7MHz	less than 10 ^{-1.8-(6/50)(Δf-20)} mW/MHz
5266.7MHz ≤ f ≤ 5360MHz	less than 2.5 uW/MHz

- For 5260 MHz, 5280 MHz, 5300 MHz and 5320 MHz (Reference Channel: 5260MHz)

Frequency Band	EIRP (Δf: frequency in MHz)
5140MHz ≤ f ≤ 5233.3MHz	less than 2.5 uW/MHz
5233.3MHz < f ≤ 5240MHz	less than 10 ^{-1.8-(6/50)(Δf-20)} mW/MHz
5240MHz < f ≤ 5249MHz	less than 10 ^{-1-(8/90)(Δf-11)} mW/MHz
5249MHz < f ≤ 5250MHz	less than 10 ^{1-(Δf-9)} mW/MHz
5350MHz ≤ f ≤ 5360MHz	less than 2.5 uW/MHz

(2) 18MHz < OBW ≤ 19MHz

- For 5180 MHz, 5200 MHz, 5220 MHz and 5240 MHz

Reference Channel: 5180MHz

Frequency Band	EIRP
5135MHz ≤ f ≤ 5142MHz	less than 2.5 uW/MHz
5142MHz < f ≤ 5150MHz	less than 15 uW/MHz

Reference Channel: 5240MHz

Frequency Band	EIRP (Δf: frequency in MHz)
5250MHz ≤ f < 5251MHz	less than 10 ^{1-(Δf-9)} mW/MHz
5251MHz ≤ f < 5260MHz	less than 10 ^{-1-(8/90)(Δf-11)} mW/MHz
5260MHz ≤ f < 5266.7MHz	less than 10 ^{-1.8-(6/50)(Δf-20)} mW/MHz



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5266.7MHz $\leq f \leq$ 5365MHz less than 2.5 uW/MHz

- For 5260MHz, 5280 MHz, 5300MHz and 5320 MHz

Reference Channel: 5260MHz

5135MHz $\leq f \leq$ 5233.3MHz less than 2.5 uW/MHz

5233.3MHz $< f \leq$ 5240MHz less than $10^{-1.8-(6/50)(\Delta f-20)}$ mW/MHz

5240MHz $< f \leq$ 5249MHz less than $10^{-1-(8/90)(\Delta f-11)}$ mW/MHz

5249MHz $< f \leq$ 5250MHz less than $10^{1-(\Delta f-9)}$ mW/MHz

Reference Channel: 5320 MHz

Frequency Band EIRP

5350MHz $\leq f \leq$ 5365MHz less than 2.5 uW/MHz

(3) 19MHz $< OBW \leq$ 38MHz

- For 5190MHz and 5230MHz

Reference Channel: 5190 MHz

Frequency Band EIRP

5100MHz $\leq f \leq$ 5141.6MHz less than 2.5 uW/MHz

5141.6MHz $< f \leq$ 5150MHz less than 15 uW/MHz

Reference Channel: 5230 MHz

Frequency Band EIRP (Δf : frequency in MHz)

5250MHz $\leq f <$ 5251MHz less than $10^{-(\Delta f-20)+\log(1/2)}$ mW/MHz

5251MHz $\leq f <$ 5270MHz less than $10^{-(8/190)(\Delta f-21)-1+\log(1/2)}$ mW/MHz

5270MHz $\leq f <$ 5278.4MHz less than $10^{-(3/50)(\Delta f-40)-1.8+\log(1/2)}$ mW/MHz

5278.4MHz $\leq f \leq$ 5 400MHz less than 2.5 uW/MHz

- For 5270MHz and 5310MHz

Reference Channel: 5270 MHz

Frequency Band EIRP (Δf : frequency in MHz)

5100MHz $\leq f \leq$ 5210MHz less than 2.5 uW/MHz

5210MHz $< f \leq$ 5221.6MHz less than 2.5 uW/MHz

5221.6MHz $< f \leq$ 5230MHz less than $10^{-(3/50)(\Delta f-40)-1.8+\log(1/2)}$ mW/MHz

5230MHz $< f \leq$ 5249MHz less than $10^{-(8/190)(\Delta f-21)-1+\log(1/2)}$ mW/MHz

5249Hz $< f \leq$ 5250MHz less than $10^{-(\Delta f-20)+\log(1/2)}$ mW/MHz

Reference Channel: 5310 MHz



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Frequency Band	EIRP
5350MHz $\leq f < 5358.4$ MHz	less than 15 uW/MHz
5358.4MHz $\leq f \leq 5400$ MHz	less than 2.5 uW/MHz

(4) 38MHz < OBW $\leq$ 78MHz

- For 5210 MHz

Reference Channel: 5210 MHz

Frequency Band	EIRP (Δf : frequency in MHz)
5020MHz $\leq f \leq 5123.2$ MHz	less than 2.5 uW/MHz
5123.2MHz < f ≤ 5150 MHz	less than 15 uW/MHz
5250MHz $\leq f < 5251$ MHz	less than $10^{-(\Delta f-40)+\log(1/4)}$ mW/MHz
5251MHz $\leq f < 5290$ MHz	less than $10^{-(8/390)(\Delta f-41)-1+\log(1/4)}$ mW/MHz
5290MHz $\leq f < 5296.7$ MHz	less than $10^{-(3/100)(\Delta f-80)-1.8+\log(1/4)}$ mW/MHz
5296.7MHz $\leq f \leq 5480$ MHz	less than 2.5 uW/MHz

- For 5290 MHz

Reference Channel: 5290 MHz

Frequency Band	EIRP (Δf : frequency in MHz)
5020MHz $\leq f \leq 5203.3$ MHz	less than 2.5 uW/MHz
5203.3MHz < f ≤ 5210 MHz	less than $10^{-(3/100)(\Delta f-80)-1.8+\log(1/4)}$ mW/MHz
5210MHz < f ≤ 5249 MHz	less than $10^{-(8/390)(\Delta f-41)-1+\log(1/4)}$ mW/MHz
5249MHz < f ≤ 5250 MHz	less than $10^{-(\Delta f-40)+\log(1/4)}$ mW/MHz
5350MHz $\leq f < 5376.8$ MHz	less than 15 uW/MHz
5376.8MHz $\leq f \leq 5480$ MHz	less than 2.5 uW/MHz

(5) 78MHz < OBW $\leq$ 158MHz

- For 5250MHz

Reference Channel: 5250 MHz

Frequency Band	EIRP
4916MHz $\leq f \leq 5099.6$ MHz	less than 2.5 uW/MHz
5099.6MHz < f ≤ 5150 MHz	less than 15 uW/MHz
5350MHz $\leq f < 5400.4$ MHz	less than 15 uW/MHz
5400.4MHz $\leq f \leq 5584$ MHz	less than 2.5 uW/MHz

5.6GHz Band

(1) OBW $\leq$ 19.7 MHz

- For 5500 MHz, 5520 MHz, 5240 MHz, 5560 MHz, 5580 MHz, 5600 MHz, 5620 MHz, 5640 MHz,



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5660 MHz, 5680 MHz and 5700 MHz

Modulation: Other than OFDM

Frequency Band	EIRP
5460MHz $\leq f \leq$ 5470MHz	less than 12.5 uW/MHz
5725MHz $\leq f \leq$ 740MHz	less than 12.5 uW/MHz

Modulation: OFDM

Frequency Band	EIRP
5455MHz $\leq f \leq$ 5460MHz	less than 2.5 μ W/MHz
5460MHz $< f \leq$ 5470MHz	less than 12.5 uW/MHz
5725MHz $\leq f <$ 5740MHz	less than 12.5 uW/MHz
5740MHz $\leq f \leq$ 5745MHz	less than 2.5 uW/MHz

(2) 19.7MHz $< OBW \leq$ 38MHz

- For 5510 MHz, 5550 MHz, 5590 MHz, 5630 MHz and 5670 MHz

Frequency Band	EIRP
5420MHz $\leq f \leq$ 5460MHz	less than 12.5 uW/MHz
5460MHz $< f \leq$ 5470MHz	less than 50 uW/MHz
5725MHz $\leq f \leq$ 5760MHz	less than 12.5 uW/MHz

(3) 38 MHz $< OBW \leq$ 78 MHz

- For 5530 MHz and 5610 MHz

Frequency Band	EIRP
5340 MHz $\leq f \leq$ 5460 MHz	less than 12.5 uW/MHz
5460 MHz $< f \leq$ 5469.5 MHz	less than 50 uW/MHz
5469.5 MHz $< f \leq$ 5740 MHz	less than 51.2 uW/MHz
5725 MHz $\leq f \leq$ 5800 MHz	less than 12.5 uW/MHz

(4) 78 MHz $< OBW \leq$ 158 MHz

- For 5570 MHz

Frequency Band	EIRP
5236 MHz $\leq f \leq$ 5419.6 MHz	less than 12.5 uW/MHz
5419.6 MHz $< f \leq$ 5470 MHz	less than 50 uW/MHz
5725 MHz $\leq f \leq$ 5904 MHz	less than 12.5 uW/MHz

5.2 GHz, 5.3GHz and 5.6GHz Band

- For 80+80 MHz system using either of the following frequency band combinations:

- 5210 MHz and 5530MHz
- 5210 MHz and 5610MHz



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Reference Channel: 5210MHz

Frequency Band	EIRP (Δf : frequency in MHz)
5020 MHz $\leq f \leq$ 5134.8 MHz	less than 2.5 uW/MHz
5134.8 MHz $< f \leq$ 5150 MHz	less than 12.5 uW/MHz
5250 MHz $\leq f <$ 5251 MHz	less than $10^{-(\Delta f-40)+\log(1/8)}$ mW/MHz
5251 MHz $\leq f <$ 5285.2 MHz	less than $10^{-(8/390)(\Delta f-41)-1+\log(1/8)}$ mW/MHz
5285.2 MHz $\leq f <$ 5370MHz	less than 2.5 uW/MHz

Reference Channel: 5530 MHz

Frequency Band	EIRP
5370 MHz $\leq f \leq$ 454.8MHz	less than 2.5 uW/MHz
5454.8 Hz $< f \leq$ 5470MHz	less than 15 uW/MHz

Reference Channel: 5610 MHz

Frequency Band	EIRP
5725 MHz $\leq f \leq$ 5800MHz	less than 15 uW/MHz

- For 80+80 MHz system using either of the following frequency band combinations:

- 5290 MHz and 5530 MHz

- 5290 MHz and 5610 MHz

Reference Channel: 5610 MHz

Frequency Band	EIRP (Δf : frequency in MHz)
5020MHz $\leq f \leq$ 5214.8MHz	less than 2.5 uW/MHz
5214.8MHz $< f \leq$ 5249MHz	less than $10^{-(8/390)(\Delta f-41)-1+\log(1/8)}$ mW/MHz
5249MHz $< f \leq$ 5250MHz	less than $10^{-(\Delta f-40)+\log(1/8)}$ mW/MHz
5350MHz $\leq f <$ 5365.2MHz	less than 15 uW/MHz
5365.2MHz $\leq f <$ 5410MHz	less than 2.5 uW/MHz

Reference Channel: 5530 MHz

Frequency Band	EIRP
5410MHz $\leq f \leq$ 5454.8MHz	less than 2.5 uW/MHz
5454.8MHz $< f \leq$ 5470MHz	less than 15 uW/MHz
5725MHz $\leq f \leq$ 5800MHz	less than 15 uW/MHz

Reference Channel: 5610 MHz

Frequency Band	EIRP
5725MHz $\leq f \leq$ 5800MHz	less than 15 uW/MHz



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7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C

Humidity: 58.5 % RH

Atmospheric Pressure: 1004 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
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Final test	00	
------------	----	--

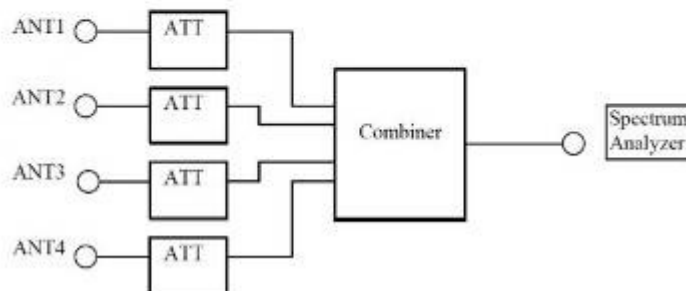
TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40);Only the data of worst case is recorded in the report.

7.6.3 Test Setup Diagram

For single antenna system:



For multiple antenna systems:



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7.6.4 Measurement Procedure and Data

[Setting 1]

Frequency range: (see Note1)

RBW: 1 MHz

VBW: 1 MHz

Sweep time: Minimum time required to make an accurate measurement. For burst type (intermittent) transmission, sweep time shall be greater than one burst

Detector mode: Positive peak

Indication mode: Max hold

[Setting 2]

Center Frequency: Frequency of peak power found using [Setting 1]

Span: 0 Hz

RBW: 1 MHz

VBW: 1 MHz

Sweep time: Minimum time required to make an accurate measurement. For burst type (intermittent) transmission, sweep time shall be greater than one burst

Detector mode: Sample

Note 1: Depending upon the EUT's specificat on, the frequency range shall be set as follows:

For 5180 MHz, 5200 MHz, 5220 MHz, 5240 MHz

OBW $\leq$ 18MHz:

5140 MHz - 5142 MHz, 5142 MHz - 5150 MHz, 5250 MHz - 5251 MHz,

5251 MHz - 5260 MHz, 5260 MHz - 5266.7 MHz, 5266.7 MHz - 5360 MHz

18MHz < OBW $\leq$ 19MHz:

5135 MHz - 5142 MHz, 5142 MHz - 5150 MHz, 5250 MHz - 5251 MHz,

5251 MHz - 5260 MHz, 5260 MHz - 5266.7 MHz, 5266.7 MHz - 5365 MHz

For 5190 MHz, 5230 MHz

5100 MHz - 5141.6 MHz, 5141.6 MHz - 5150 MHz, 5250 MHz - 5251 MHz,

5251 MHz - 5270 MHz, 5270 MHz - 5278.4 MHz, 5278.4 MHz - 5400 MHz



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For 5210 MHz

5020 MHz - 5123.2 MHz, 5123.2 MHz - 5150 MHz, 5250 MHz - 5251 MHz,
5251 MHz - 5290 MHz, 5290 MHz - 5296.7 MHz, 5296.7 MHz - 5480 MHz

For 5250 MHz

4916 MHz - 5099.6 MHz, 5099.6 MHz - 5150 MHz, 5350 MHz - 5400.4 MHz,
5400.4 MHz - 5584 MHz

For 5260 MHz, 5280 MHz, 5300 MHz, 5320 MHz

OBW $\leq$ 18MHz:

5140 MHz - 5233.3 MHz, 5233.3 MHz - 5240 MHz, 5240 MHz - 5249 MHz,
5249 MHz - 5250 MHz, 5350 MHz - 5360 MHz

18MHz < OBW $\leq$ 19MHz:

5135 MHz - 5233.3 MHz, 5233.3 MHz - 5240 MHz, 5240 MHz - 5249 MHz,
5249 MHz - 5250 MHz, 5350 MHz - 5365 MHz

For 5270 MHz, 5310 MHz

5100 MHz - 5210 MHz, 5210 MHz - 5221.6 MHz, 5221.6 MHz - 5230 MHz,
5230 MHz - 5249 MHz, 5249 MHz - 5250 MHz, 5350 MHz - 5358.4 MHz,
5358.4 MHz - 5400 MHz

For 5290 MHz

5020 MHz - 5203.3 MHz, 5203.3 MHz - 5210 MHz, 5210 MHz - 5249 MHz,
5350 MHz - 5376.8 MHz, 5376.8 MHz - 5480 MHz

For 5500 MHz, 5520 MHz, 5540 MHz, 5560 MHz, 5580 MHz, 5600 MHz, 5620 MHz, 5630 MHz, 5640 MHz, 5660 MHz, 5670 MHz, 5680 MHz, 5700 MHz

OFDM

5455 MHz - 5460 MHz, 5460 MHz - 5470 MHz, 5725 MHz - 5740 MHz,
5740 MHz - 5745 MHz,

Other than OFDM

5460 MHz - 5470 MHz, 5725 MHz - 5740 MHz,

For 5510 MHz, 5550 MHz, 5590 MHz, 5630 MHz, 5670 MHz

5240 MHz - 5460 MHz, 5460 MHz - 5470 MHz, 5725 MHz - 5760 MHz

For 5530 MHz, 5610 MHz

5340 MHz - 5460 MHz, 5460 MHz - 5469.5 MHz, 5469.5 MHz - 5470 MHz,
5725 MHz - 5800 MHz



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For 5570 MHz

5236 MHz - 5419.6 MHz, 5419.6 MHz - 5470 MHz, 5725 MHz - 5904 MHz

For 5210 MHz + 5530 MHz, or 5210 MHz + 5610 MHz

5020 MHz - 5134.8 MHz, 5134.8 MHz - 5150 MHz, 5250 MHz - 5251 MHz,

5251 MHz - 5285.2 MHz, 5285.2 MHz - 5370 MHz, 5370 MHz - 5454.8 MHz,

5454.8 MHz - 5470 MHz, 5725 MHz - 5800 MHz

For 5290MHz + 5530MHz, or 5290MHz + 5610MHz

5020 MHz - 5214.8 MHz, 5214.8 MHz - 5249 MHz, 5249 MHz - 5250 MHz,

5350 MHz - 5365.2 MHz, 5365.2 MHz - 5410 MHz, 5410 MHz - 5454.8 MHz,

5454.8 MHz - 5470 MHz, 5725 MHz - 5800 MHz

Test Procedure

(1) Configuring the spectrum analyzer to [Setting 1] and set the EUT to transmit mode

(2) After sweeping the frequency range, search for the highest spurious emission. If EIRP converted from the highest spurious emission is lower than the Limit defined in 9.7 (Technical Standard), the result is "Pass", otherwise go to (3)

(3) After configuring the spectrum analyzer using [Setting 2], then measure the average signal amplitude of the spurious an convert from the average value into EIRP. If the EIRP is lower than the Limit, the result is "Pass", otherwise "Fail".

If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time.

(4) If the EUT has multiple antennas, obtain EIRPs form each individual antenna using steps (1) through (3). For the measurement, antenna gain from each antenna shall be used to calculate individual EIRPs

(5) Convert the individual EIRPs (step (4)) from dB to absolute values

(6) Combine (sum) the absolute values of the EIRPs at each frequency for each antenna (to create a single composite spectrum of EIRPs)

(7) Ensure that the composite spectrum does not exceed the Limit

(8) Measure the spurious emissions with all the antennas electrically combined

EIRP (defined POA) shall be calculated using the formula shown below.

$$POA = PA + GT - LF$$

Where:

PA: Measured value found in step (3) [dBm/MHz]

GT: antenna gain at the frequency of the spurious emission [dBi]

LF: cable loss [dB]

Please Refer to Appendix for Details



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7.7 Spurious Emission Intensity

Test Requirement MIC Item 19-3 of Article 2 Paragraph 1

Test Method: MIC Notice No.88 Appendix No.45

Limit:

5.2GHz and 5.3GHz band

(1) $OBW \leq 18\text{ MHz}$

Below 5140 MHz: 2.5uW or less

Over 5360 MHz: 2.5uW or less

(2) $18\text{ MHz} < OBW \leq 19\text{ MHz}$

Below 5135 MHz: 2.5uW or less

Over 5365 MHz: 2.5uW or less

(3) $19\text{ MHz} < OBW \leq 38\text{ MHz}$

Below 5100 MHz: 2.5uW or less

Over 5400 MHz: 2.5uW or less

(4) $38\text{ MHz} < OBW \leq 78\text{ MHz}$

Below 5020 MHz: 2.5uW or less

Over 5480 MHz: 2.5uW or less

(5) $78\text{ MHz} < OBW$

Below 4916 MHz: 2.5uW or less

Over 5584 MHz: 2.5uW or less

5.6GHz Band

(1) $OBW \leq 19.7\text{ MHz}$

OFDM

Below 5455 MHz: 2.5uW or less

Over 5745 MHz: 2.5uW or less

Others

Below 5460 MHz: 2.5uW or less

Over 5740 MHz: 2.5uW or less

(2) $19.7\text{ MHz} < OBW \leq 38\text{ MHz}$

Below 5420 MHz: 2.5uW or less

Over 5760 MHz: 2.5uW or less

(3) $38\text{ MHz} < OBW \leq 78\text{ MHz}$

Below 5340 MHz: 2.5uW or less

Over 5800 MHz: 2.5uW or less

(4) $78\text{ MHz} < OBW$

Below 5236 MHz: 2.5uW or less

Over 5904 MHz: 2.5uW or less



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7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C Humidity: 58.5 % RH Atmospheric Pressure: 1004 mbar

7.7.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	

Final test 00

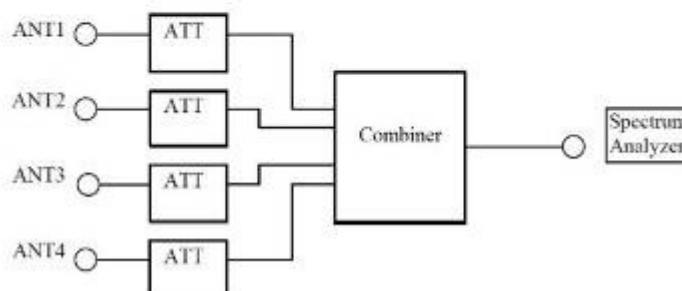
TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); ; Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram

For single antenna system:



For multiple antenna systems:



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7.7.4 Measurement Procedure and Data

[Setting 1]

Frequency range: (see note)

RBW: 1 MHz

VBW: 1 MHz

Sweep time: Auto

Sweep data points: 1001 or greater

Detector mode: Positive peak

Indication mode: Max hold (see note)

Note: measurement range shall be 30 MHz to 26 GHz, except for the following cases:

- $OBW \leq 18 \text{ MHz}$

5.2 GHz and 5.3 GHz Band: 5140 MHz to 5360 MHz

5.6 GHz Band: 5460 MHz to 5740 MHz

- $18 \text{ MHz} < OBW \leq 19 \text{ MHz}$

5.2 GHz and 5.3 GHz Band: 5135 MHz to 5365 MHz

5.6 GHz Band: 5455 MHz to 5745 MHz

- $19 \text{ MHz} < OBW \leq 38 \text{ MHz}$

5.2 GHz and 5.3 GHz Band: 5100 MHz to 5400 MHz

5.6 GHz Band: 5420 MHz to 5760 MHz

- $38 \text{ MHz} < OBW \leq 78 \text{ MHz}$

5.2 GHz and 5.3 GHz Band: 5020 MHz to 5480 MHz

5.6 GHz Band: 5340 MHz to 5800 MHz

- $78 \text{ MHz} < OBW$

5.2 GHz and 5.3 GHz Band: 4916 MHz to 5584 MHz

5.6 GHz Band: 5236 MHz to 5904 MHz

Note: sweep shall be repeated until the max hold waveform is stable.

[Setting 2]

Center Frequency: Frequency of spurious emission found using [Setting 1]

Span: 0 Hz

RBW: 1 MHz

VBW: 1 MHz

Sweep: Minimum time required to make an accurate measurement. For burst type (intermittent) spurious, sweep time shall be greater than one burst interval.

Sweep data points: 1001 or greater

Detector mode: Sample



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EUT Configuration

- Continuous or burst transmission
- Modulated
- Rated output power should be as declared in the construction design document
- For 80+80MHz bandwidth systems, transmission should use both bandwidths simultaneously

Test Procedure

- (1) After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 26GHz. If spurious emissions greater than [limit - 3dB] are found, then more detailed measurements are required, go to step (2)
- (2) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time.
- (3) If the EUT has multiple antennas, measure the spurious emission from each individual antenna using steps (1) through (2)
- (4) Convert the individual antenna spurious level measurements (step (3)) from dB to absolute values
- (5) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions)
- (6) Ensure that the composite spectrum does not exceed the Limit

Please Refer to Appendix for Details



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7.8 Secondary Radiated Emission

Test Requirement MIC Item 19-3 of Article 2 Paragraph 1

Test Method: MIC Notice No.88 Appendix No.45

Limit:

(1) Below 1 GHz: 4 nW (-54dBm) or less

(2) Above 1 GHz: 20 nW (-47dBm) or less

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C

Humidity: 58.5 % RH

Atmospheric Pressure: 1004 mbar

7.8.2 Test Mode Description

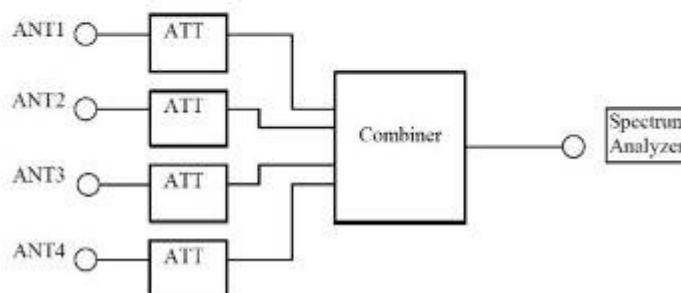
Pre-scan / Final test	Mode Code	Description
Final test	01	RX mode_Keep the EUT in receiving mode. Only the 20MHz channel plan was tested and recorded in the report.

7.8.3 Test Setup Diagram

For single antenna system:



For multiple antenna systems:



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7.8.4 Measurement Procedure and Data

Spectrum Analyzer Settings

[Setting 1]

Frequency: 30 MHz - 26 GHz

RBW:

Below 1GHz: 100 kHz

Above 1GHz: 1 MHz

VBW:

Below 1GHz: 100 kHz

Above 1GHz: 1 MHz

Sweep time: Auto

Sweep data points: 1001 or greater

Detector mode: Positive peak

Indication mode: Max hold

[Setting 2]

Frequency: Frequency of spurious emission

Span: 0 Hz

RBW:

Below 1GHz: 100 kHz

Above 1GHz: 1 MHz

VBW:

Below 1GHz: 100 kHz

Above 1GHz: 1 MHz

Sweep time: Auto

Sweep data points: 1001 or greater

Detector mode: Sample



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EUT Configuration

Continuous receive.

Test Procedure

(1) Configure the spectrum analyzer to [Setting 1] and then search for spurious emissions in the range 30 MHz to 26GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points].

(2) If spurious emissions are found with an amplitude greater than [Limit - 10dB] then perform further detailed measurement as described in (3)

(3) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time Multiple Antenna Systems. If the EUT has multiple antennas then emissions from each antenna shall be measured individually, as described below

(4) For each antenna repeat steps (1) through (3). Convert all spurious level measurements from dB to absolute value

(5) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions)

(6) Ensure that the composite spectrum does not exceed the Limit defined in 10.7 (Technical Standard)

Presentation of Results

All secondary radiated emission measurements shall be recorded in two ranges:

(1) Below 1 GHz

(2) Above 1 GHz

Each antenna results shall be recorded in the report as follows:

- If the emissions are below the value [Limit - 10dB], then record only the maximum spurious emissions

- If the emissions are over the value [Limit - 10dB], then record all spurious emissions

For multiple antenna systems, the combined spectrum measurements from section (7) shall be recorded in the report as follows:

- If the emissions are below the value [(Limit / Number of Antenna) - 10dB], then record only the maximum spurious emission

- If the emissions are over the value [(Limit / Number of Antenna) - 10dB], then record all spurious emissions

Please Refer to Appendix for Details



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7.9 Transmission Burst Length

Test Requirement	MIC Item 19-3 of Article 2 Paragraph 1
Test Method:	MIC Notice No.88 Appendix No.45
Limit:	Transmission Burst Length shall be 4ms or less

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C Humidity: 58.5 % RH Atmospheric Pressure: 1004 mbar

7.9.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	

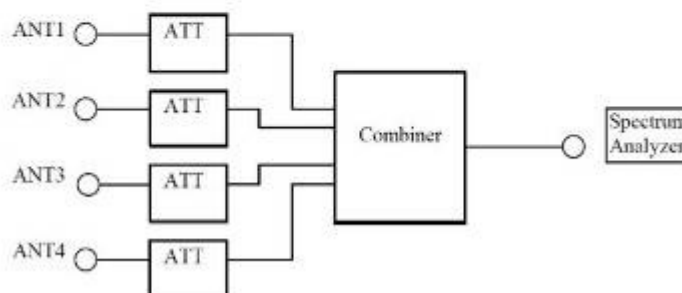
Final test 00 TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram

For single antenna system:



For multiple antenna systems:



7.9.4 Measurement Procedure and Data

Spectrum Analyzer Settings [Setting 1]

Frequency: Test frequency

Span: 0Hz

RBW: 10MHz or greater

VBW: 10MHz

Sweep time: Auto

Detector mode: Positive peak

Trigger: Rising edge

EUT Configuration - burst transmission - Modulated

Test Procedure

(1) Configure the spectrum analyzer using [Setting 1] and set the EUT into transmit mode, then measure the Transmission Burst Length.

(2) For multiple antennas systems, all antenna shall be combined as shown below.

The resulting waveform will show the separate antenna signals superimposed, measure the Combined Transmission Burst Length from the start of the rising edge to the end of the falling edge.

Please Refer to Appendix for Details



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7.10 Dynamic Frequency Selection (Slave)

Test Requirement	MIC Item 19-3, Item 19-3-2, Item 19-3-3 of Article 2 Paragraph 1
Test Method:	MIC Notice No.88 Appendix No.45
Limit:	WAS/RLAN devices operating in Slave Mode (Slave Device) can be operated in a network controlled by a WAN/RLAN device operating in Master Mode (Master Device)

7.10.1 Conclusion

The EUT (Slave Device) has a mechanism to allow the Master Device to set the operating frequency and to start and stop transmission.



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8 Test Setup Photo

Refer to Setup Photos of EUT Constructional Details for GZCR2504000636LM



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9 EUT Constructional Details (EUT Photos)

Refer to Appendix_Photographs of EUT Constructional Details for GZCR2504000636LM



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10 Appendix

1. Frequency Error

1.1 Test Result

1.1.1 Ant1

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	5180	5180.079	15.25	-20 to 20	Pass
			5200	5200.052	10.00	-20 to 20	Pass
			5240	5240.054	10.31	-20 to 20	Pass
			5260	5260.065	12.36	-20 to 20	Pass
			5300	5300.071	13.40	-20 to 20	Pass
			5320	5320.072	13.53	-20 to 20	Pass
			5500	5500.071	12.91	-20 to 20	Pass
			5600	5600.062	11.07	-20 to 20	Pass
			5700	5700.052	9.12	-20 to 20	Pass
			5720	5720.095	16.61	-20 to 20	Pass
			5190	5190.060	11.56	-20 to 20	Pass
			5230	5230.044	8.41	-20 to 20	Pass
			5270	5270.025	4.74	-20 to 20	Pass
			5310	5310.033	6.21	-20 to 20	Pass
			5510	5510.016	2.90	-20 to 20	Pass
			5590	5590.057	10.20	-20 to 20	Pass
			5670	5670.063	11.11	-20 to 20	Pass
			5710	5710.081	14.19	-20 to 20	Pass
NTLV	Carrier Wave	SISO	5180	5180.082	15.83	-20 to 20	Pass
			5200	5200.055	10.58	-20 to 20	Pass
			5240	5240.061	11.64	-20 to 20	Pass
			5260	5260.071	13.50	-20 to 20	Pass
			5300	5300.076	14.34	-20 to 20	Pass
			5320	5320.076	14.29	-20 to 20	Pass
			5500	5500.090	16.36	-20 to 20	Pass
			5600	5600.065	11.61	-20 to 20	Pass

			5700	5700.062	10.88	-20 to 20	Pass
			5720	5720.100	17.48	-20 to 20	Pass
			5190	5190.062	11.95	-20 to 20	Pass
			5230	5230.046	8.80	-20 to 20	Pass
			5270	5270.035	6.64	-20 to 20	Pass
			5310	5310.043	8.10	-20 to 20	Pass
			5510	5510.034	6.17	-20 to 20	Pass
			5590	5590.059	10.55	-20 to 20	Pass
			5670	5670.079	13.93	-20 to 20	Pass
			5710	5710.090	15.76	-20 to 20	Pass
NTHV	Carrier Wave	SISO	5180	5180.086	16.60	-20 to 20	Pass
			5200	5200.060	11.54	-20 to 20	Pass
			5240	5240.065	12.40	-20 to 20	Pass
			5260	5260.074	14.07	-20 to 20	Pass
			5300	5300.080	15.09	-20 to 20	Pass
			5320	5320.079	14.85	-20 to 20	Pass
			5500	5500.096	17.45	-20 to 20	Pass
			5600	5600.065	11.61	-20 to 20	Pass
			5700	5700.071	12.46	-20 to 20	Pass
			5720	5720.102	17.83	-20 to 20	Pass
			5190	5190.063	12.14	-20 to 20	Pass
			5230	5230.046	8.80	-20 to 20	Pass
			5270	5270.040	7.59	-20 to 20	Pass
			5310	5310.044	8.29	-20 to 20	Pass
			5510	5510.041	7.44	-20 to 20	Pass
			5590	5590.061	10.91	-20 to 20	Pass
			5670	5670.087	15.34	-20 to 20	Pass
			5710	5710.093	16.29	-20 to 20	Pass



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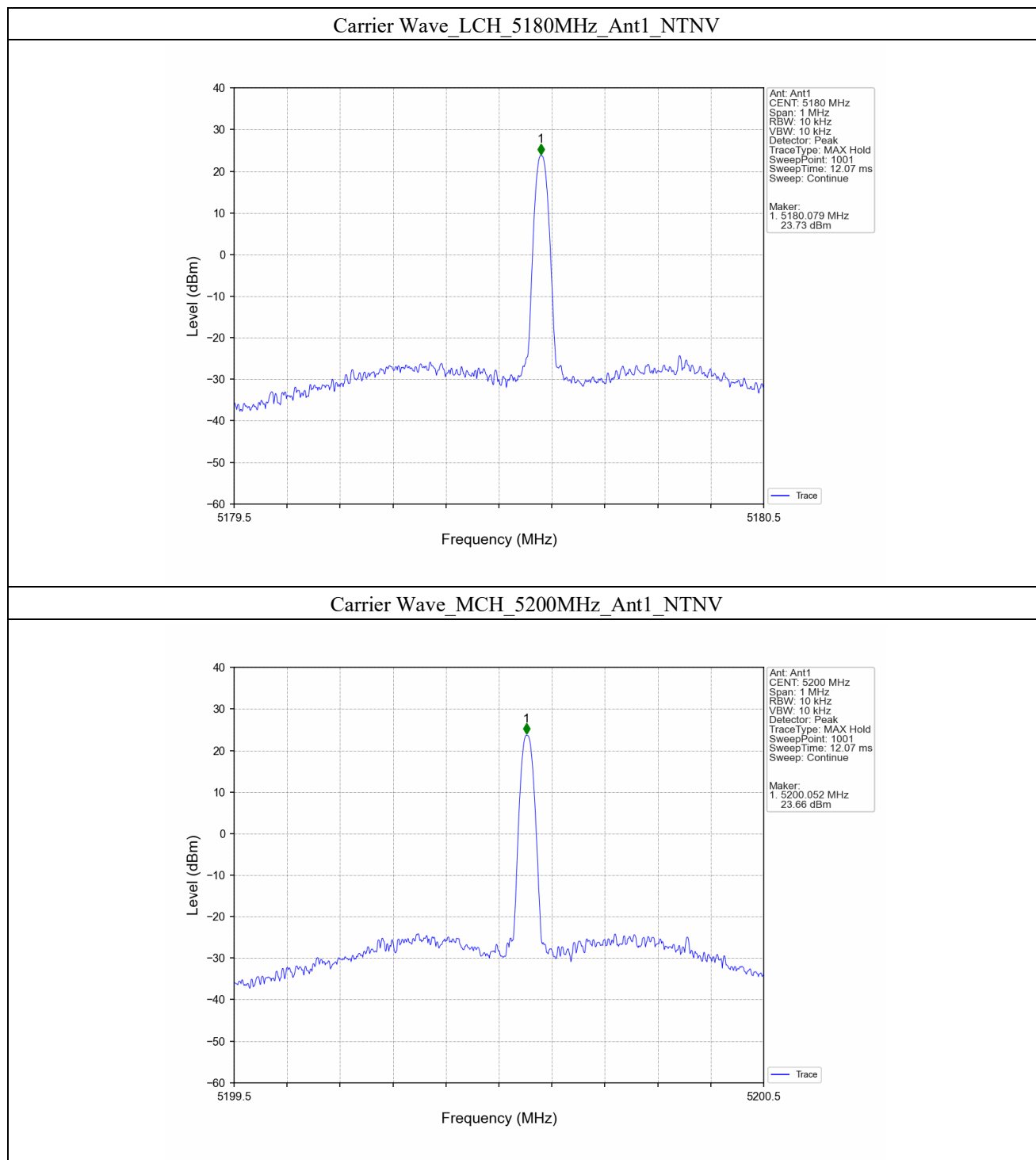
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1.2 Test Graph

1.2.1 Ant1



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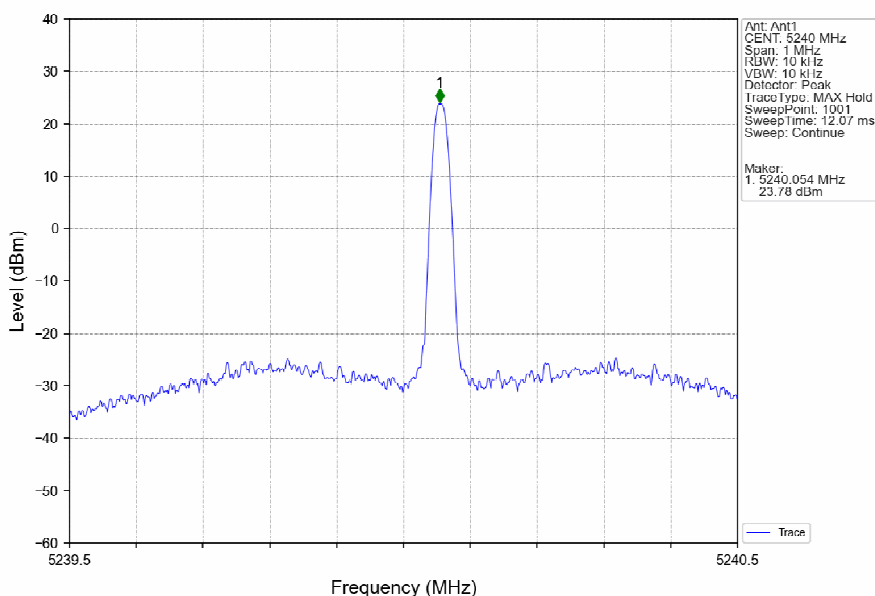
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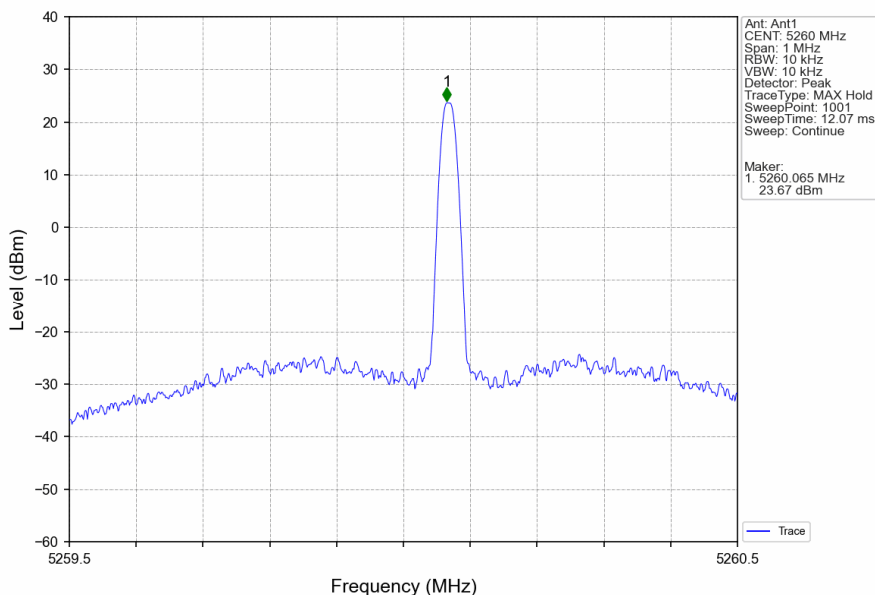
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Carrier Wave_HCH_5240MHz_Ant1_NTNV



Carrier Wave_LCH_5260MHz_Ant1_NTNV



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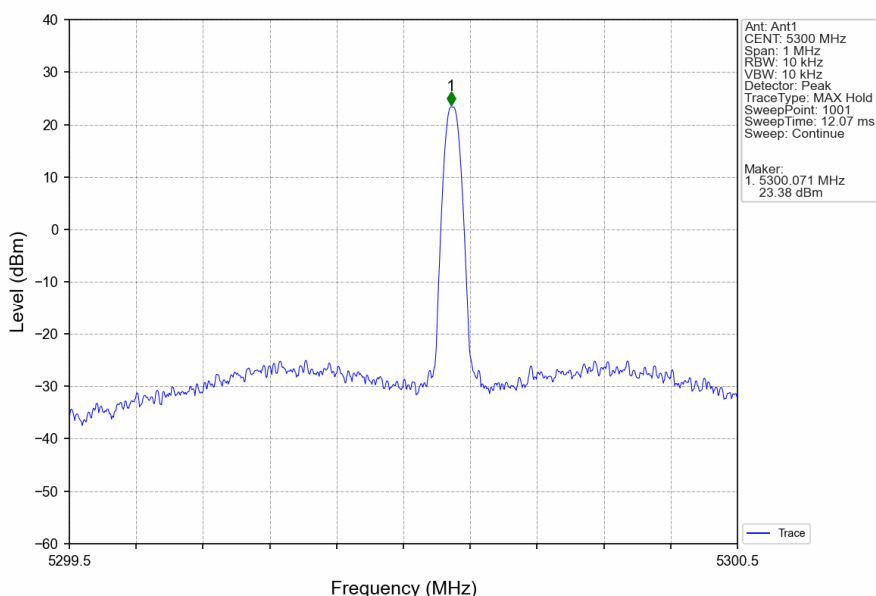
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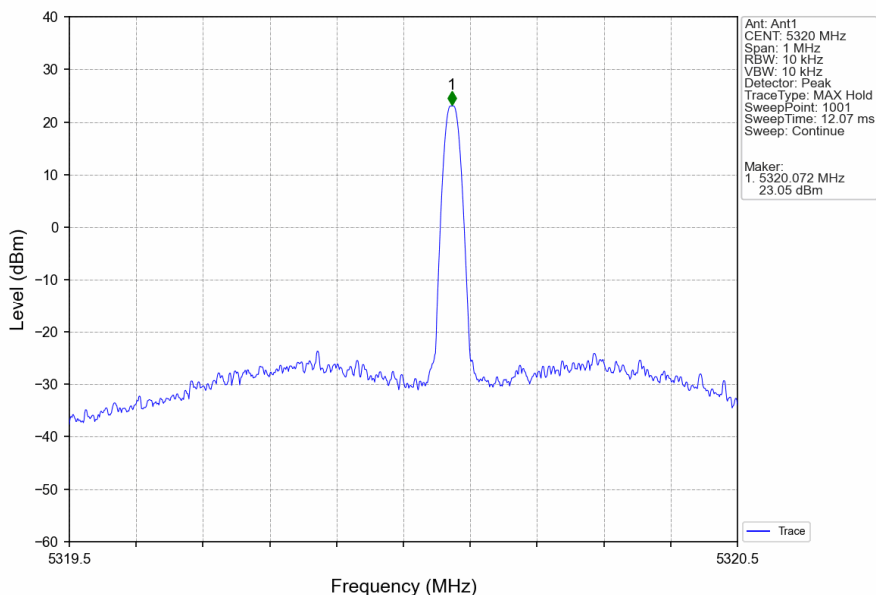
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Carrier Wave_MCH_5300MHz_Ant1_NTNV



Carrier Wave_HCH_5320MHz_Ant1_NTNV



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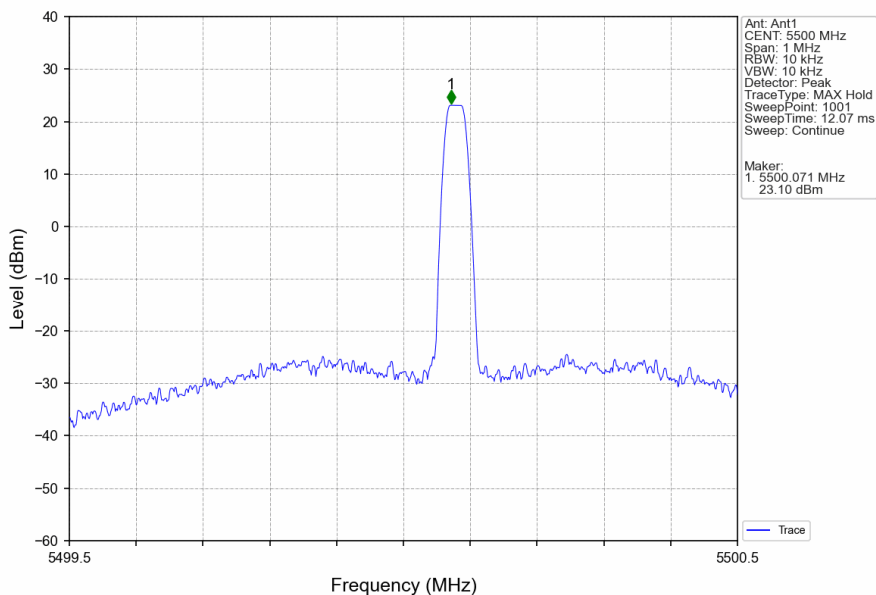
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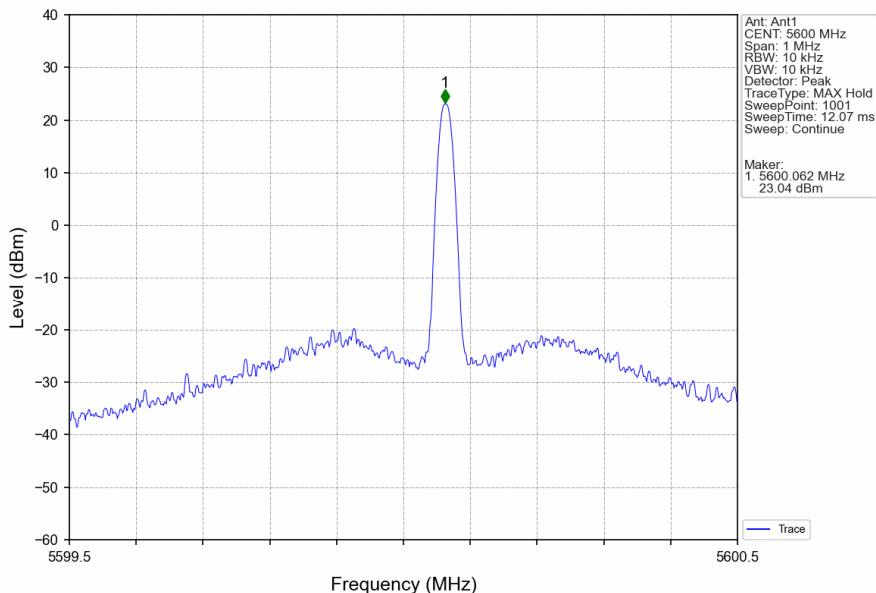
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Carrier Wave_LCH_5500MHz_Ant1_NTNV



Carrier Wave_MCH_5600MHz_Ant1_NTNV



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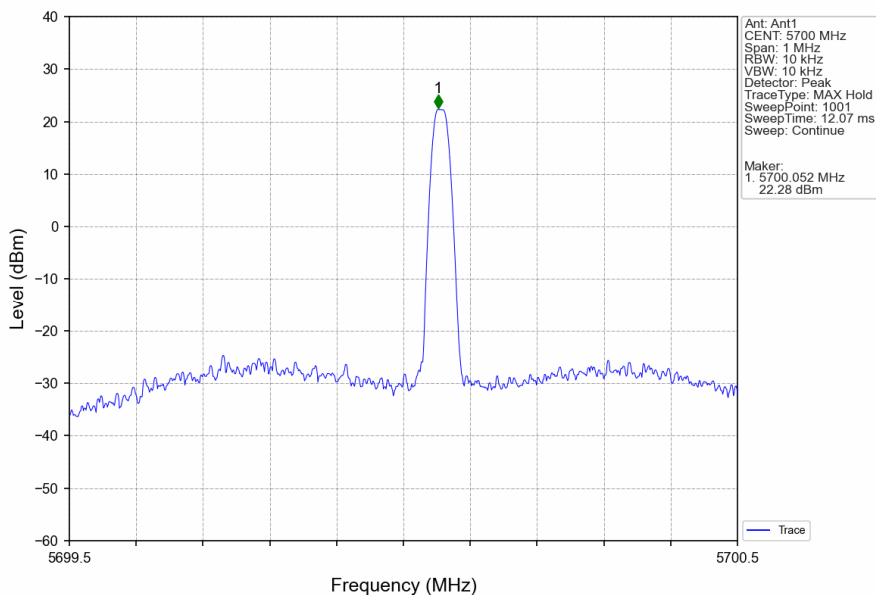
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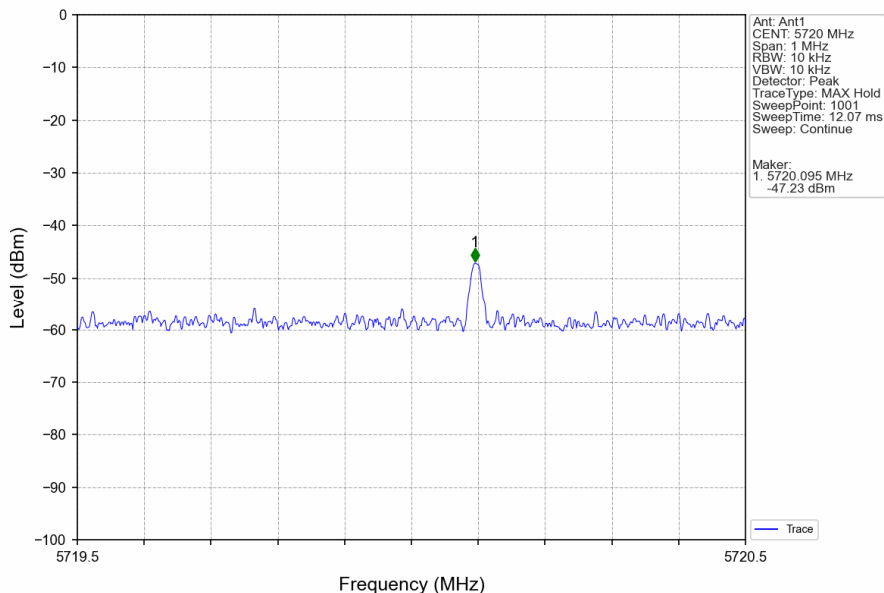
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Carrier Wave_HCH_5700MHz_Ant1_NTNV



Carrier Wave_HHCH_5720MHz_Ant1_NTNV



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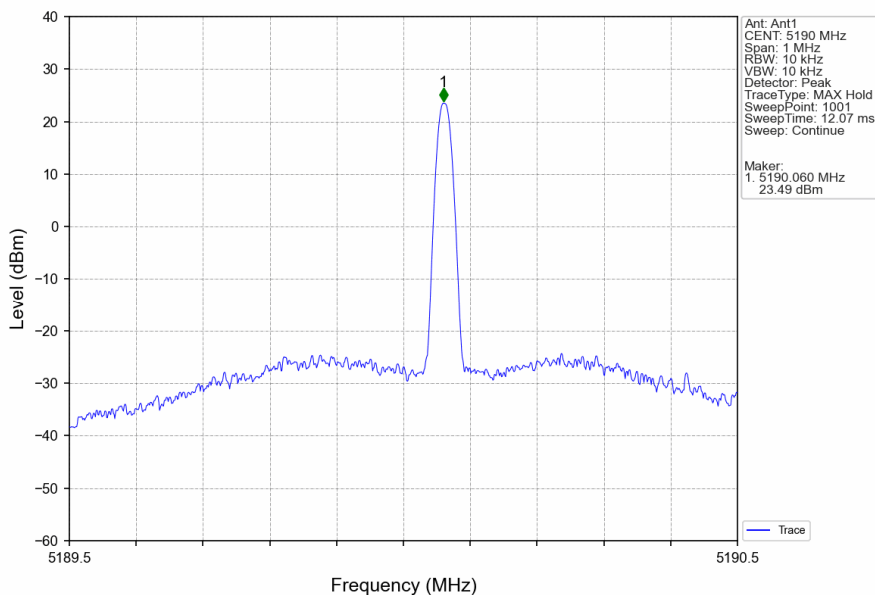
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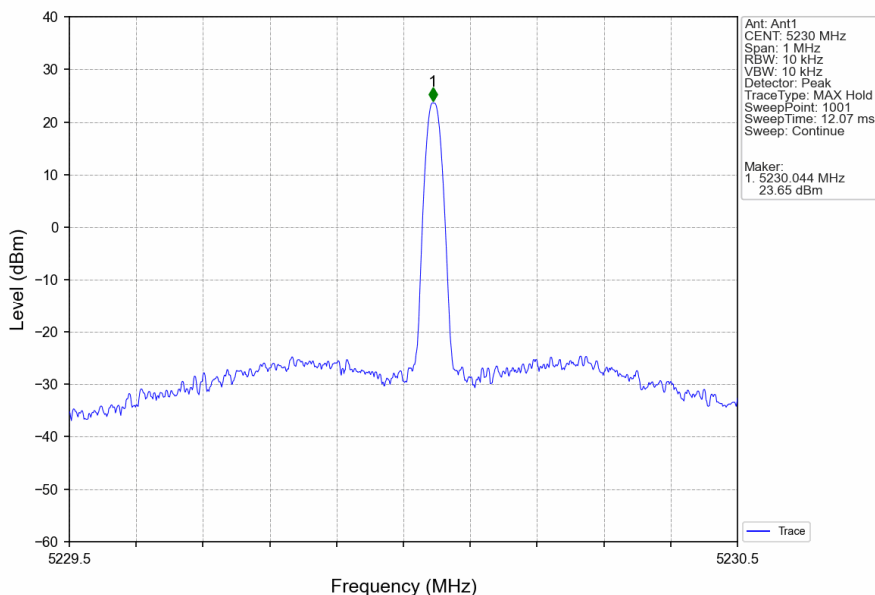
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Carrier Wave_LCH_5190MHz_Ant1_NTNV



Carrier Wave_HCH_5230MHz_Ant1_NTNV



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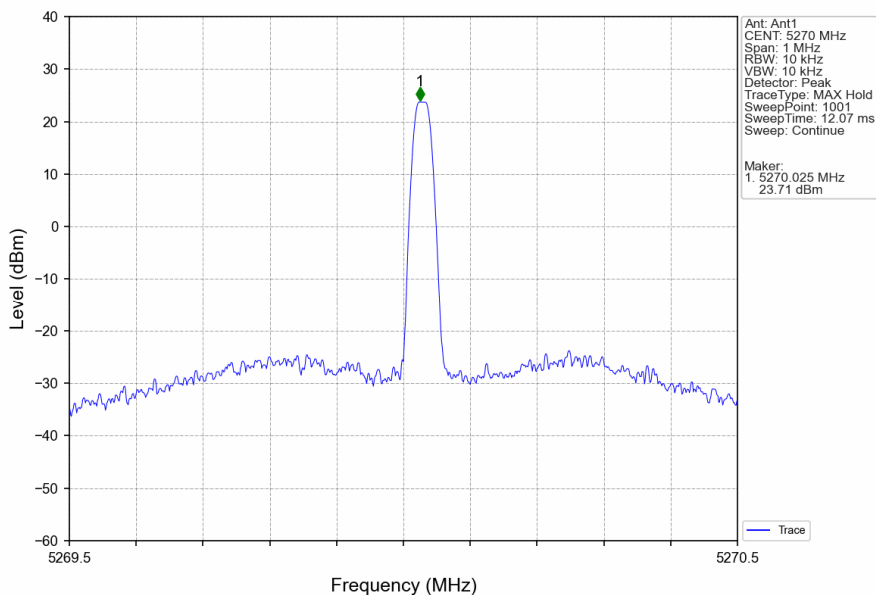
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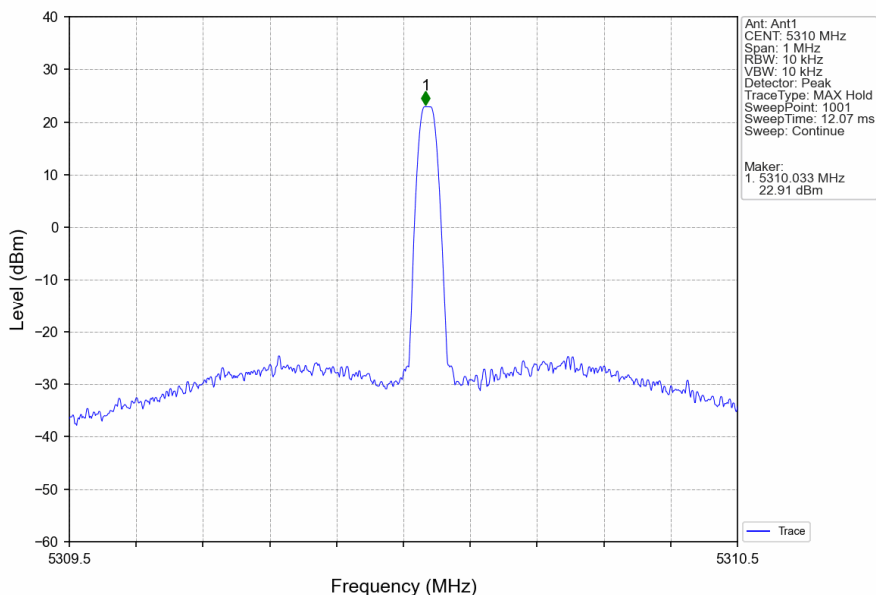
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Carrier Wave_LCH_5270MHz_Ant1_NTNV



Carrier Wave_HCH_5310MHz_Ant1_NTNV



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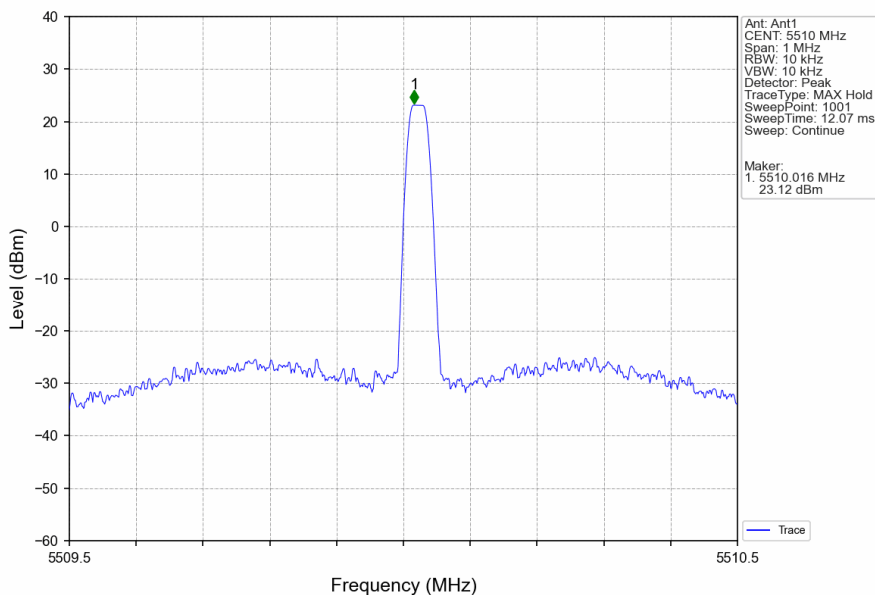
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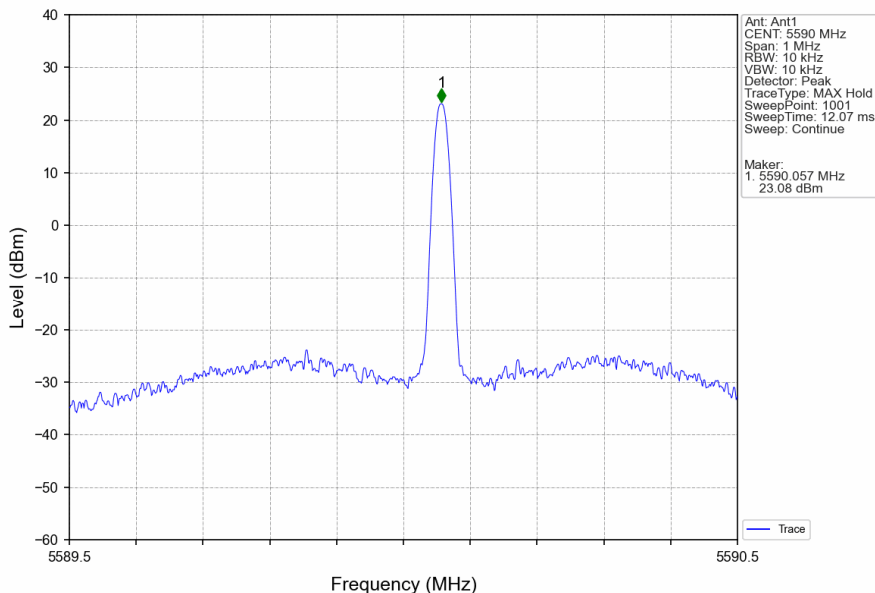
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Carrier Wave_LCH_5510MHz_Ant1_NTNV



Carrier Wave_MCH_5590MHz_Ant1_NTNV



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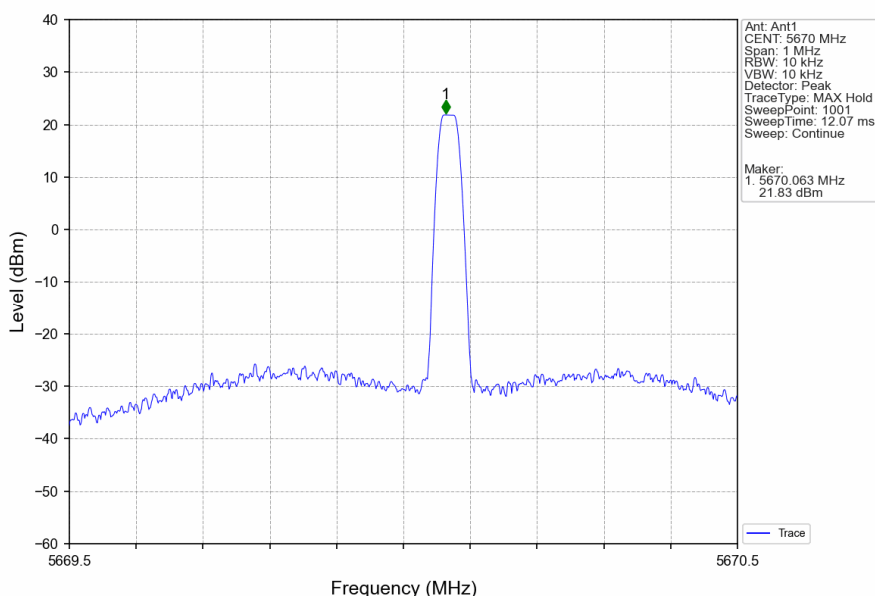
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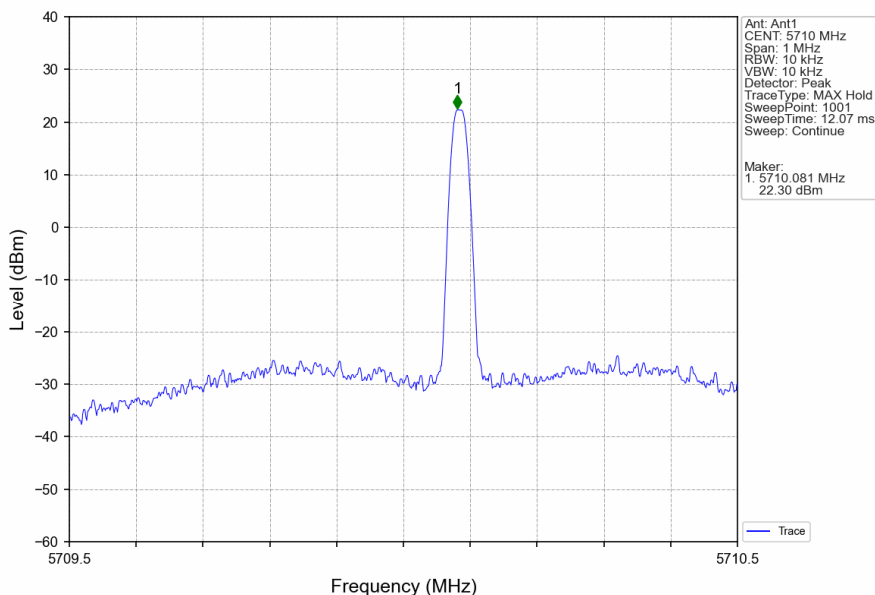
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Carrier Wave_HCH_5670MHz_Ant1_NTNV



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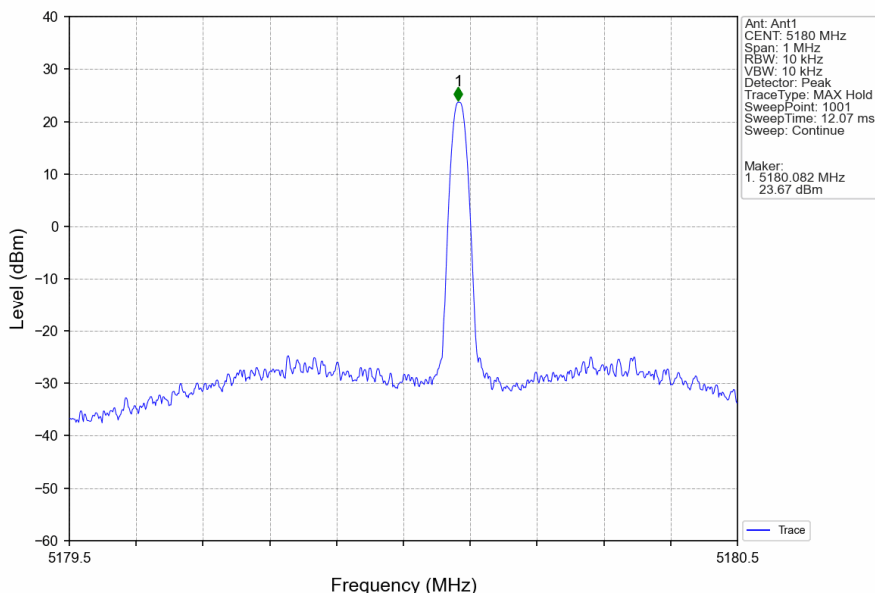
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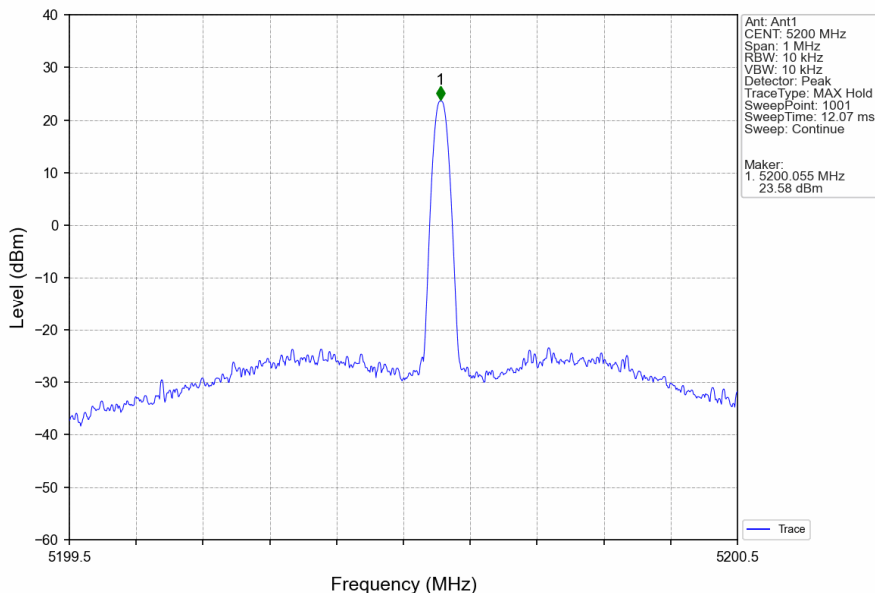
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Carrier Wave_MCH_5200MHz_Ant1_NTLV



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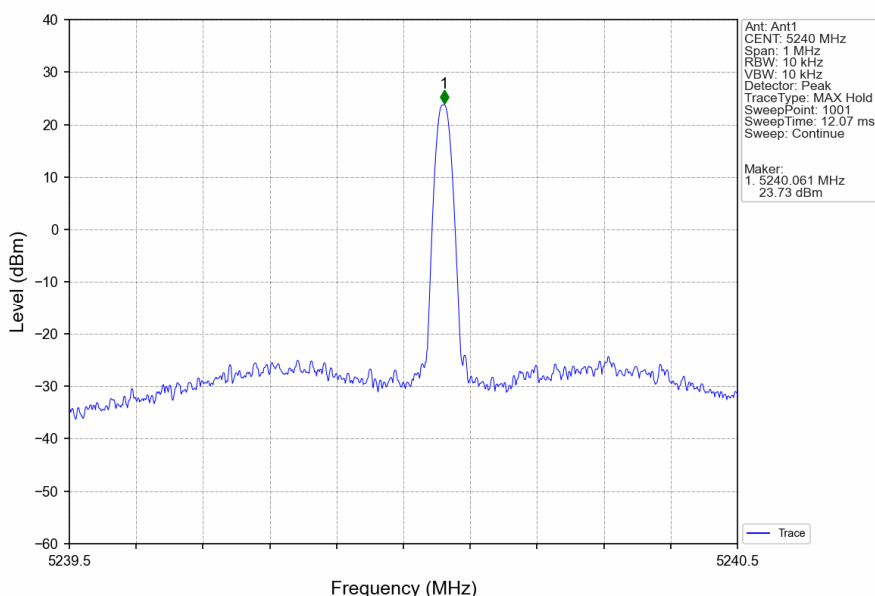
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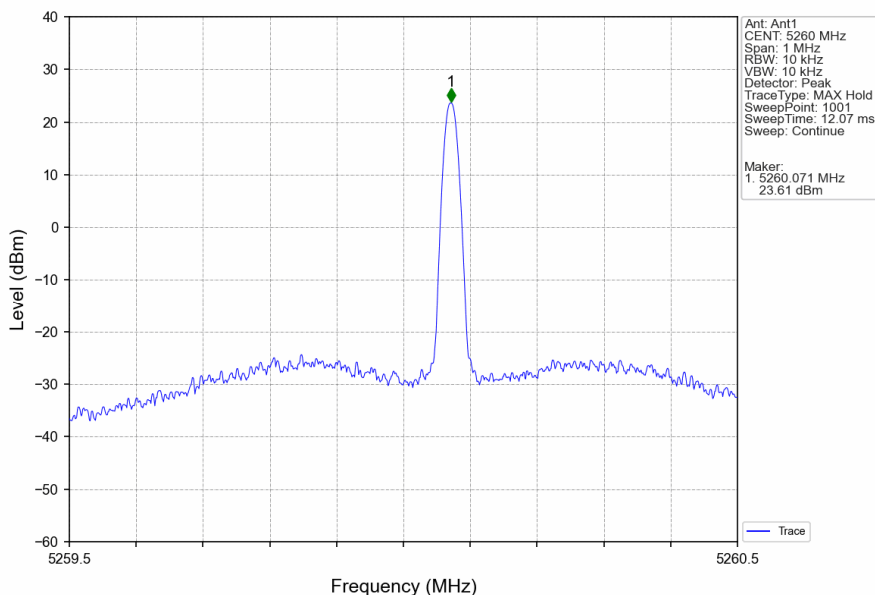
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Carrier Wave_HCH_5240MHz_Ant1_NTLV



Carrier Wave_LCH_5260MHz_Ant1_NTLV



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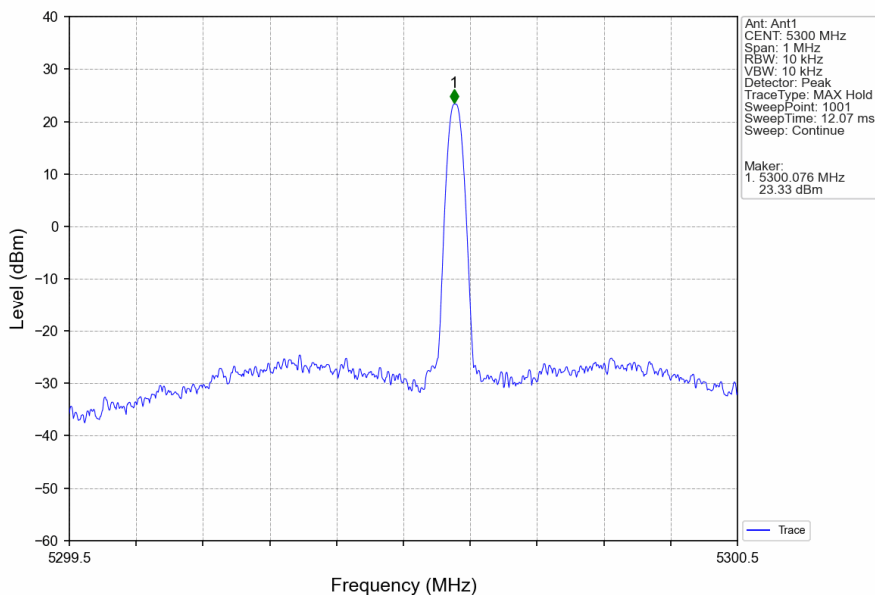
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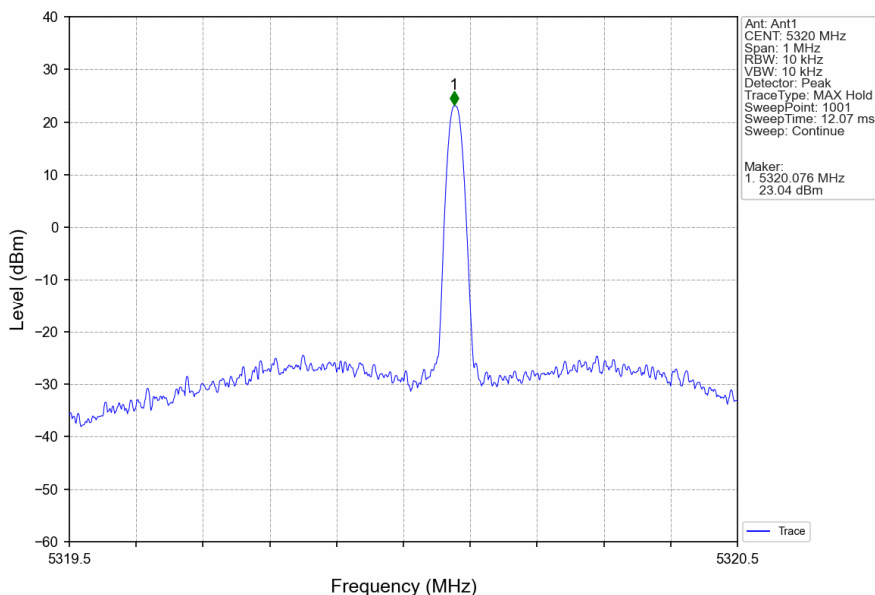
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Carrier Wave_HCH_5320MHz_Ant1_NTLV



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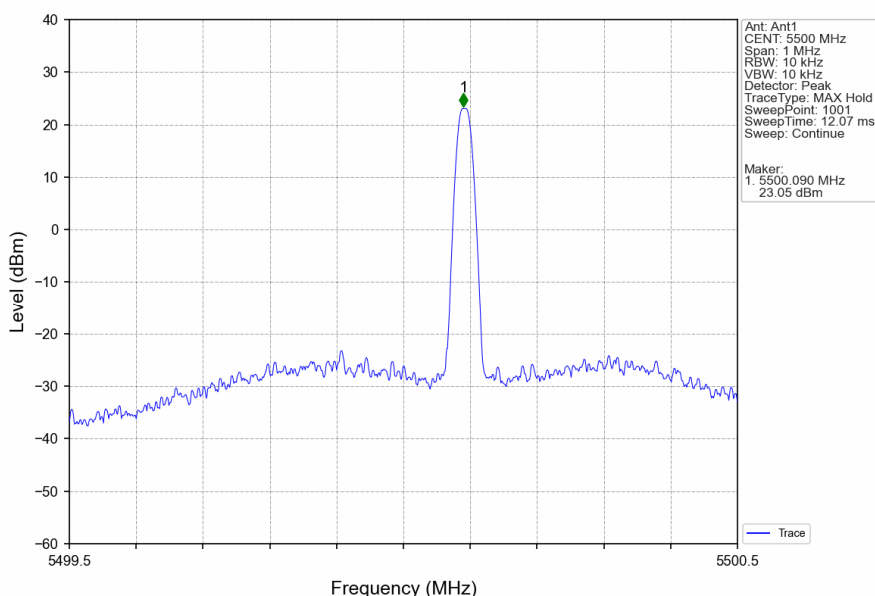
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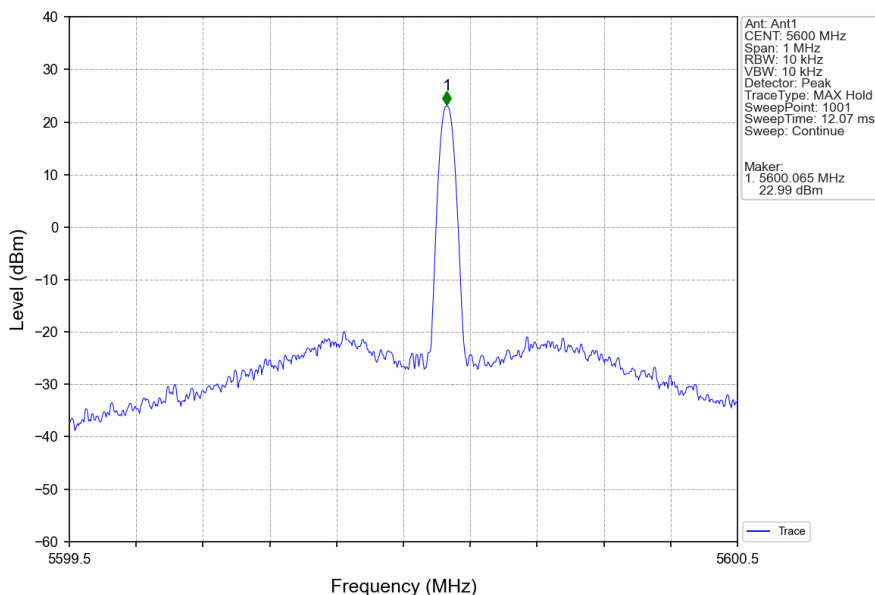
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Carrier Wave_LCH_5500MHz_Ant1_NTLV



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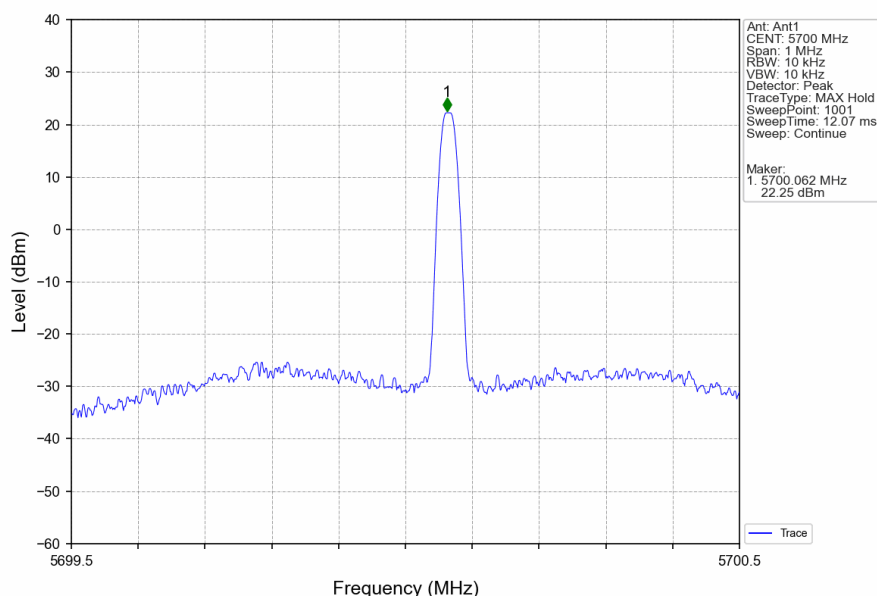
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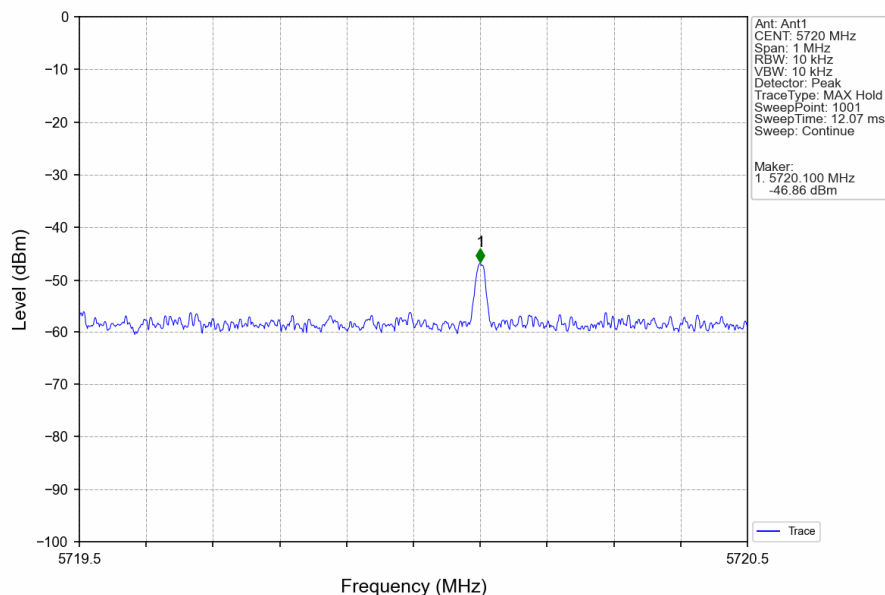
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Carrier Wave_HCH_5700MHz_Ant1_NTLV



Carrier Wave_HHCH_5720MHz_Ant1_NTLV



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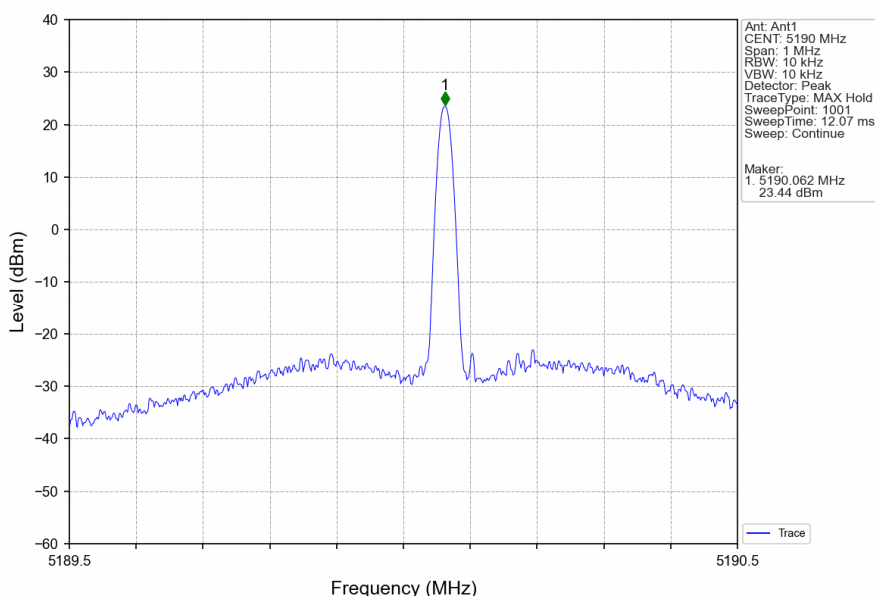
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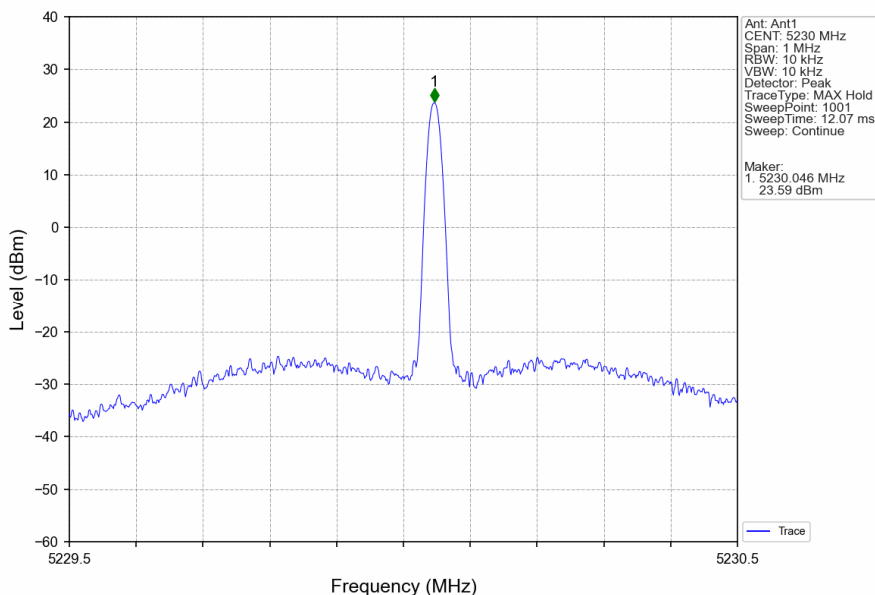
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Carrier Wave_LCH_5190MHz_Ant1_NTLV



Carrier Wave_HCH_5230MHz_Ant1_NTLV



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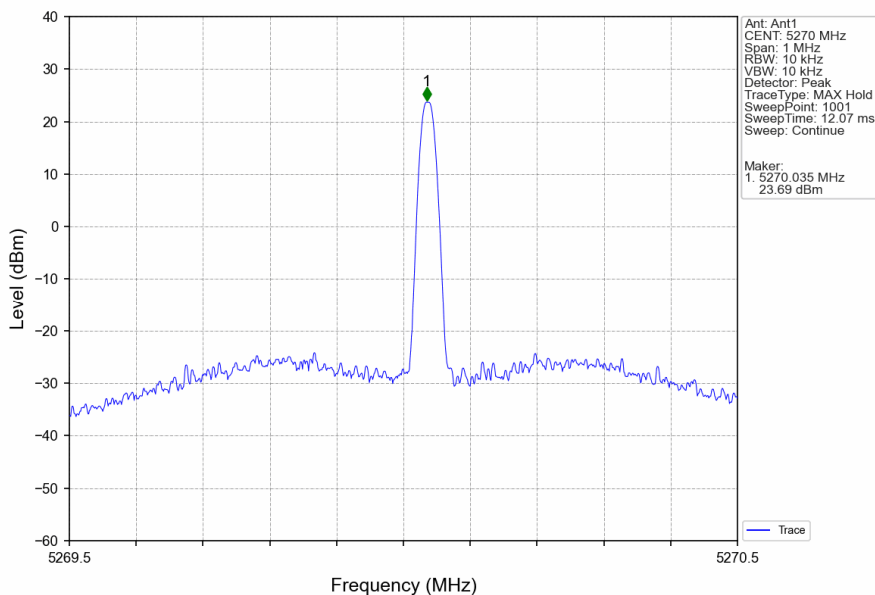
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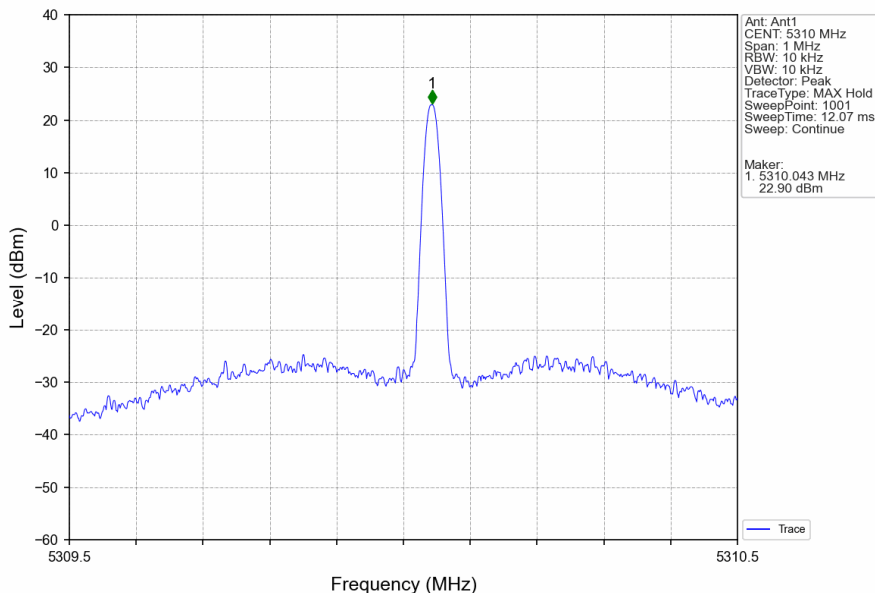
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Carrier Wave_LCH_5270MHz_Ant1_NTLV



Carrier Wave_HCH_5310MHz_Ant1_NTLV



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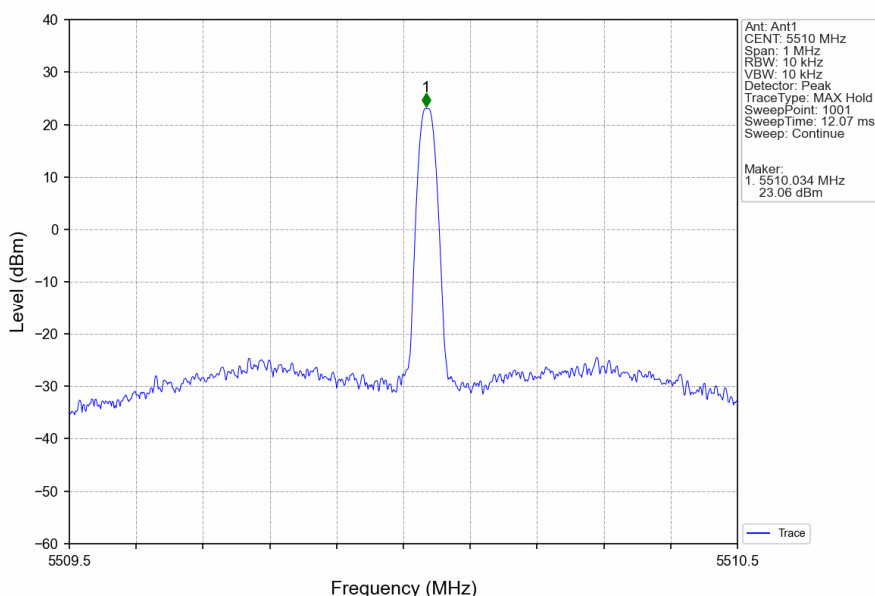
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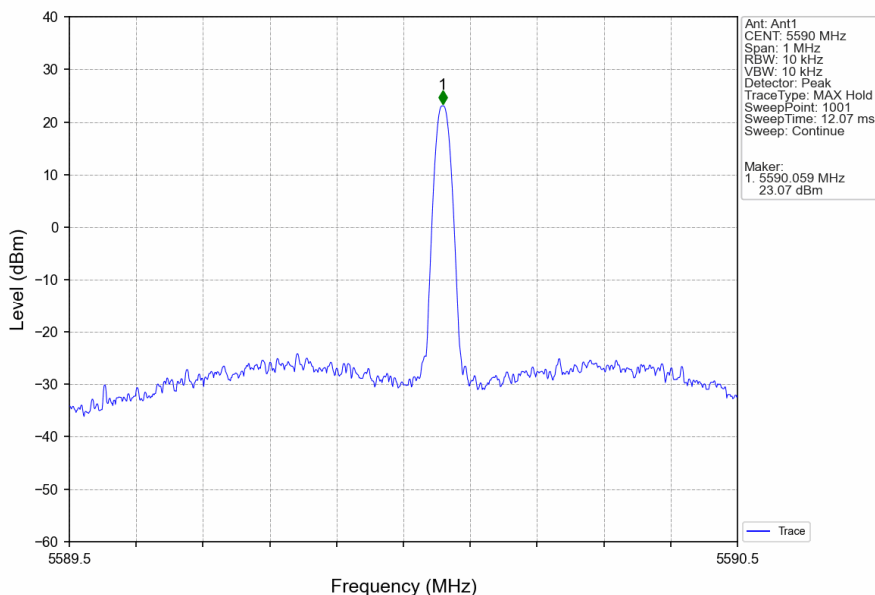
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Carrier Wave_LCH_5510MHz_Ant1_NTLV



Carrier Wave_MCH_5590MHz_Ant1_NTLV



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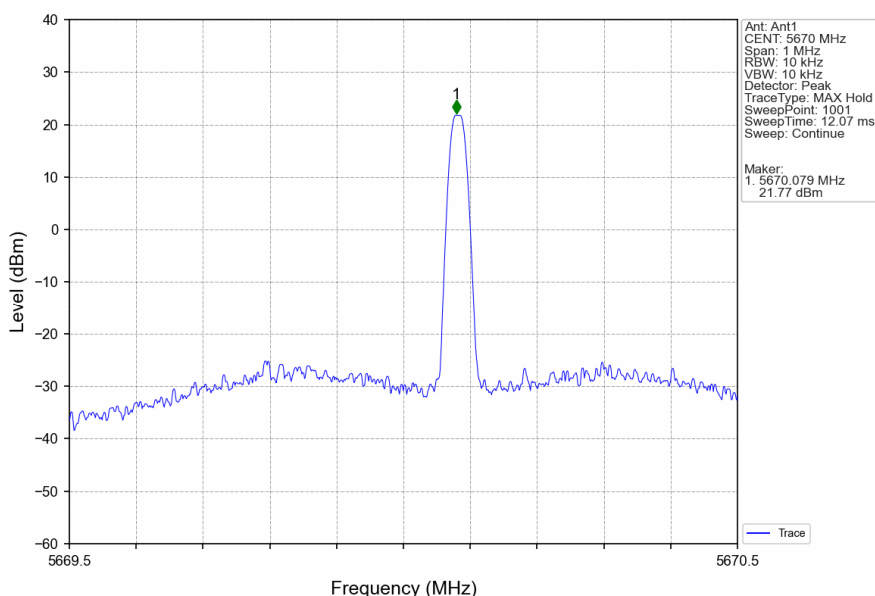
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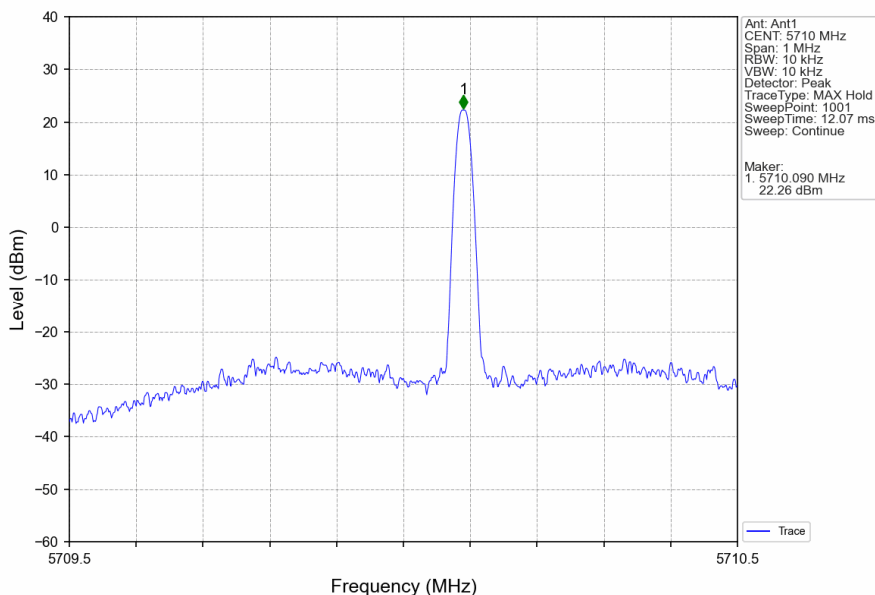
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Carrier Wave_HCH_5670MHz_Ant1_NTLV



Carrier Wave_HHCH_5710MHz_Ant1_NTLV



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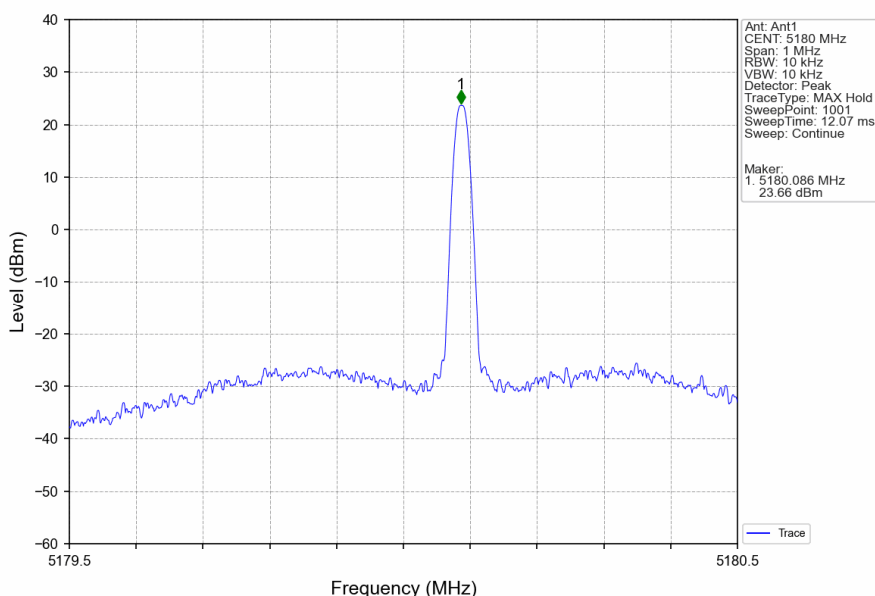
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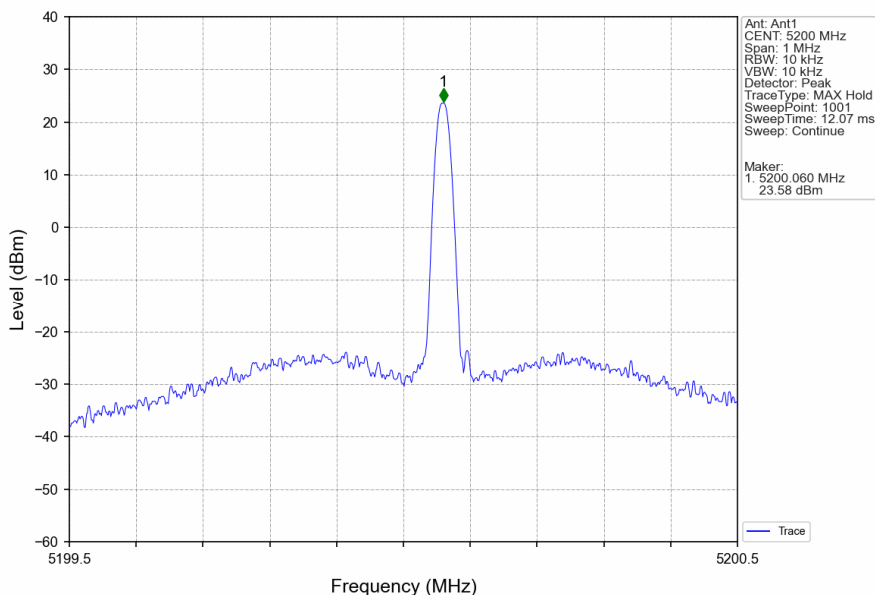
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Carrier Wave_LCH_5180MHz_Ant1_NTHV



Carrier Wave_MCH_5200MHz_Ant1_NTHV



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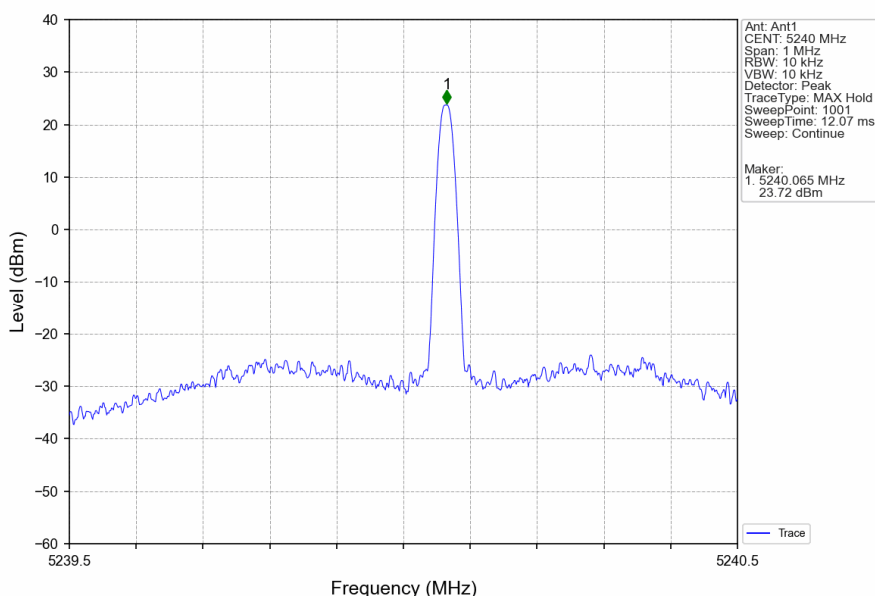
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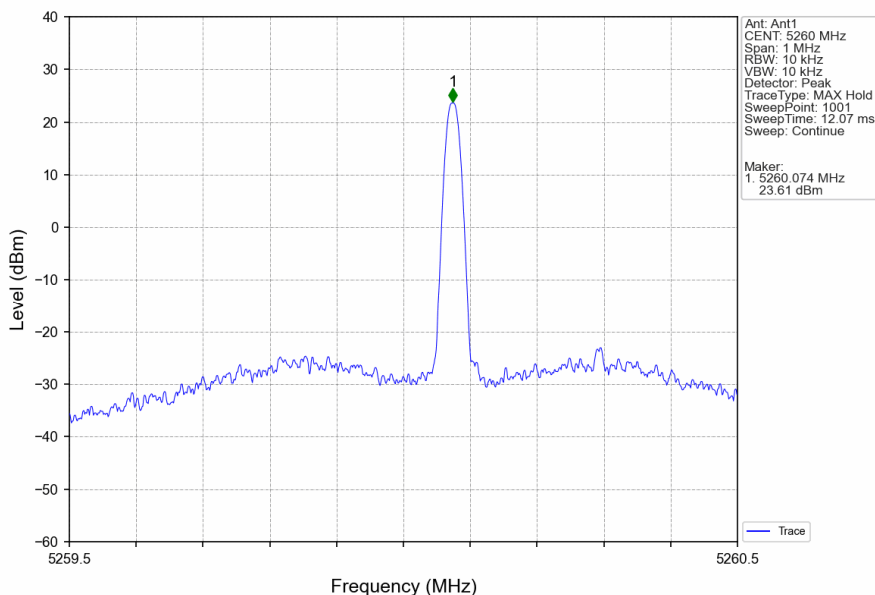
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Carrier Wave_HCH_5240MHz_Ant1_NTHV



Carrier Wave_LCH_5260MHz_Ant1_NTHV



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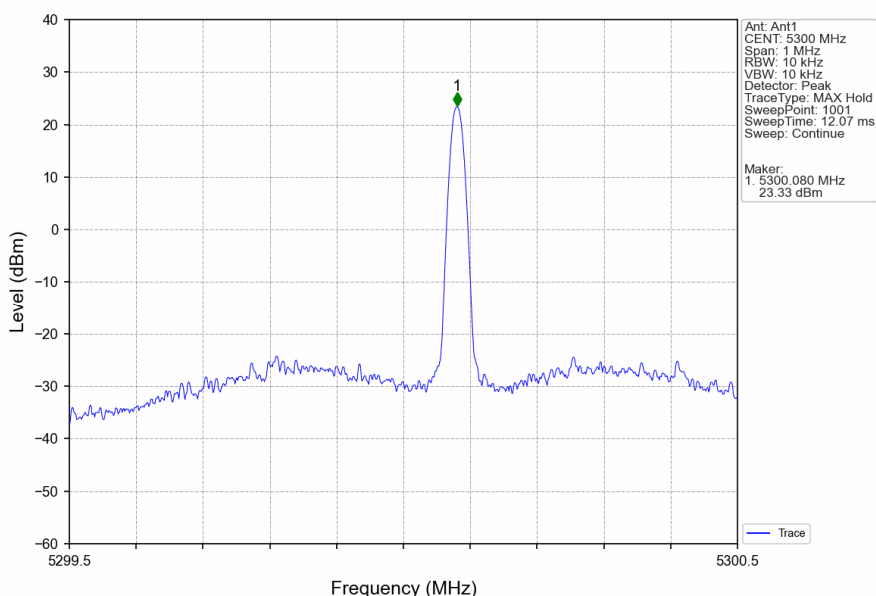
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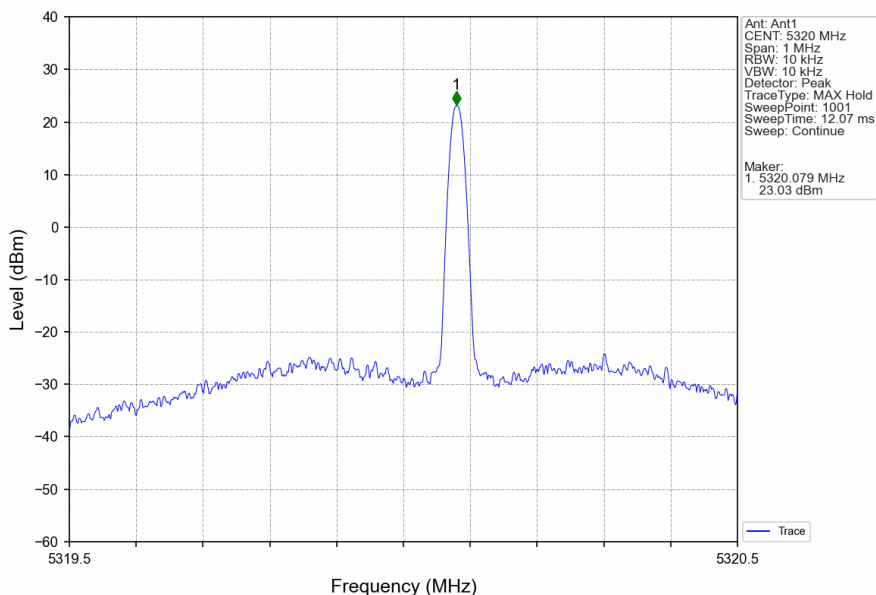
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Carrier Wave_MCH_5300MHz_Ant1_NTHV



Carrier Wave_HCH_5320MHz_Ant1_NTHV



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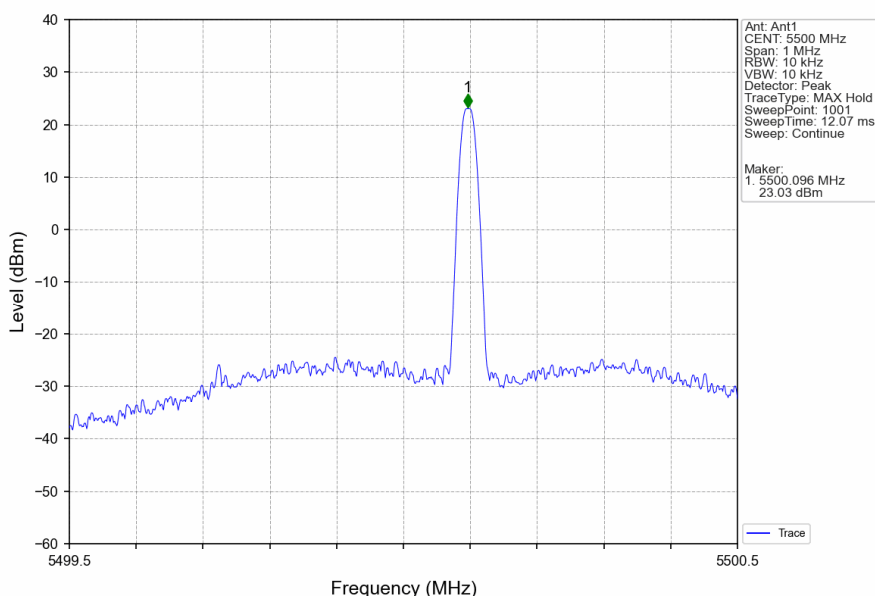
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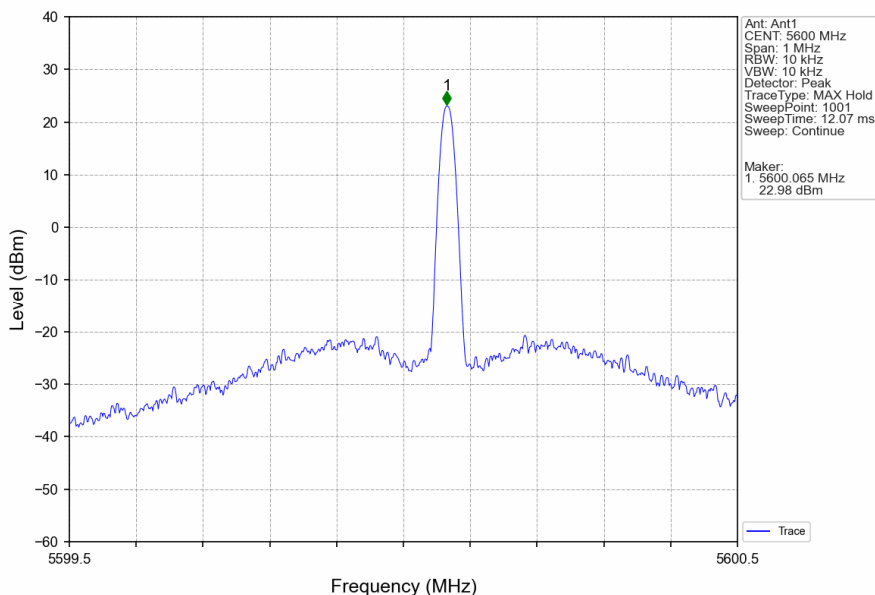
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Carrier Wave_LCH_5500MHz_Ant1_NTHV



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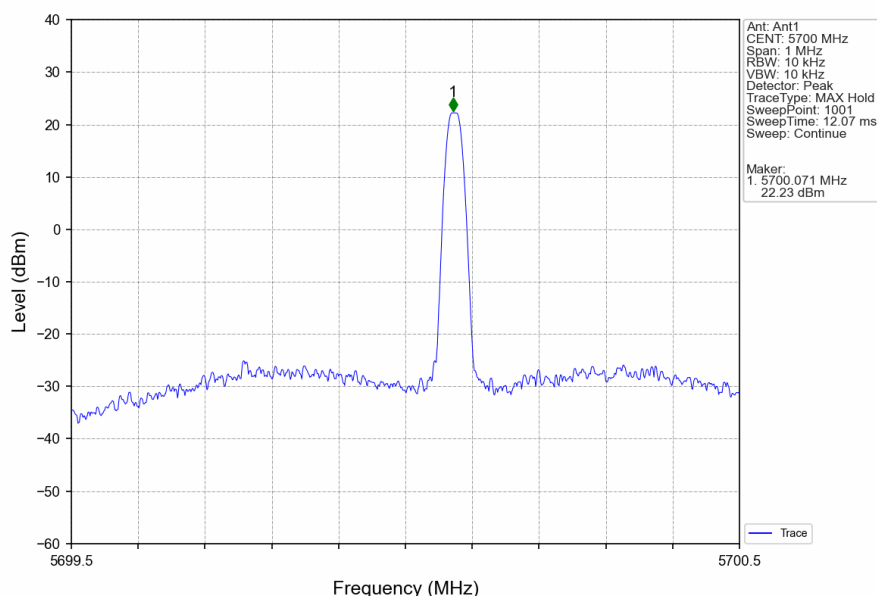
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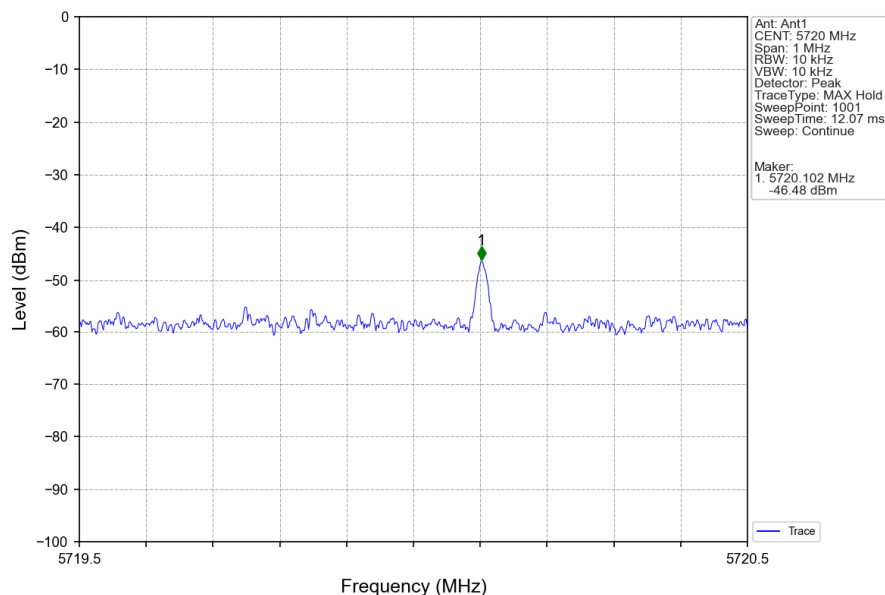
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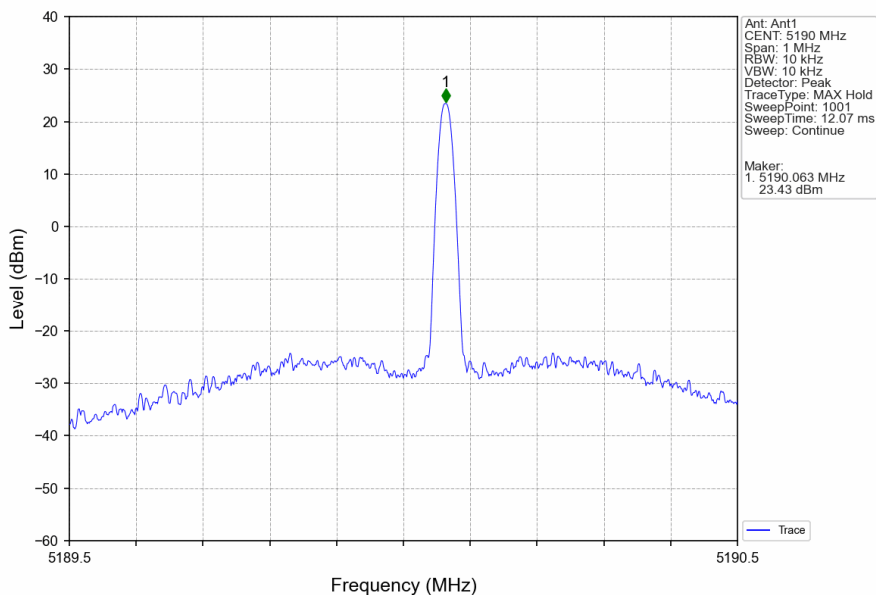
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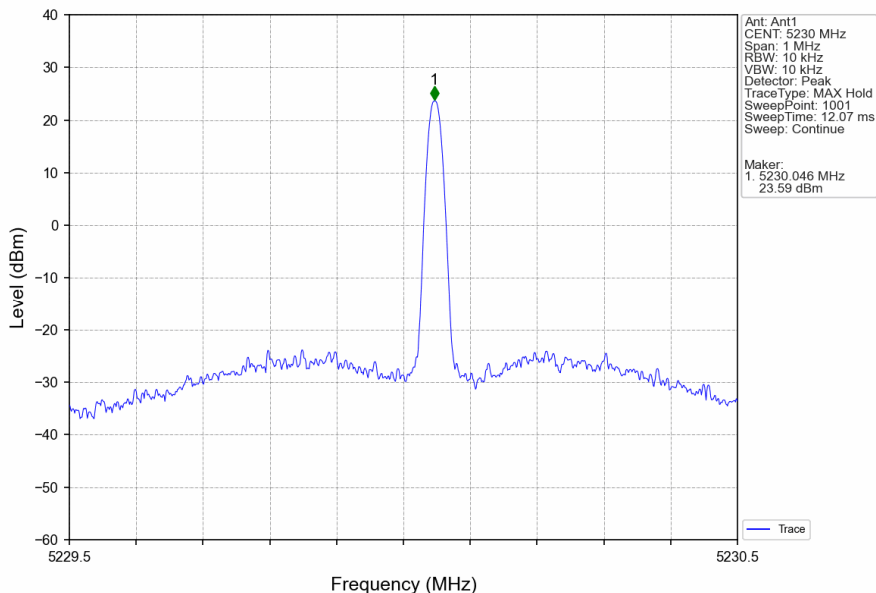
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Carrier Wave_LCH_5190MHz_Ant1_NTHV



Carrier Wave_HCH_5230MHz_Ant1_NTHV



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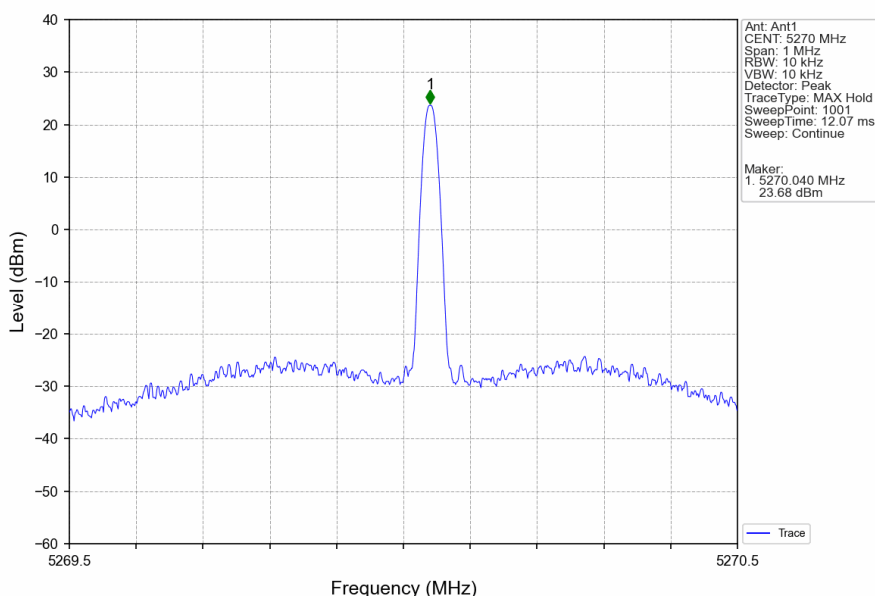
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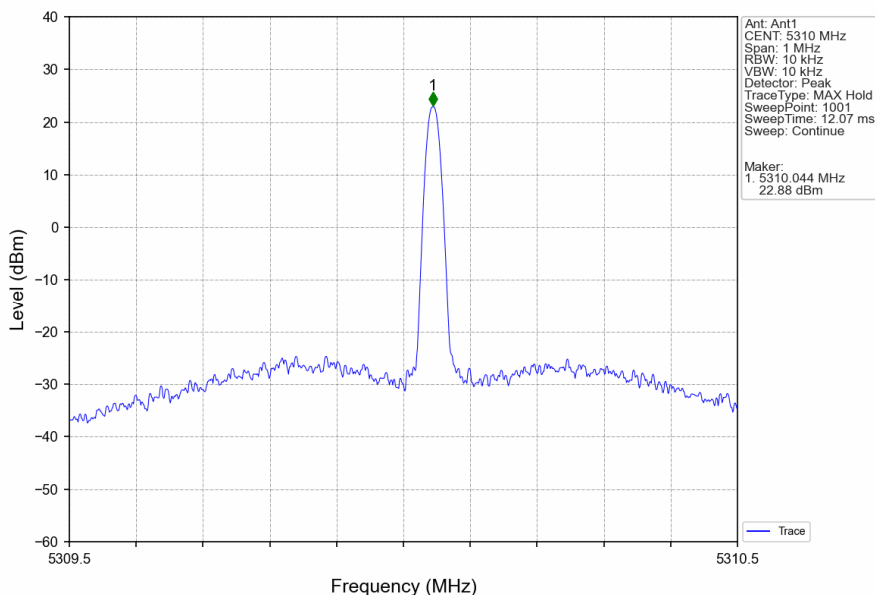
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Carrier Wave_LCH_5270MHz_Ant1_NTHV



Carrier Wave_HCH_5310MHz_Ant1_NTHV



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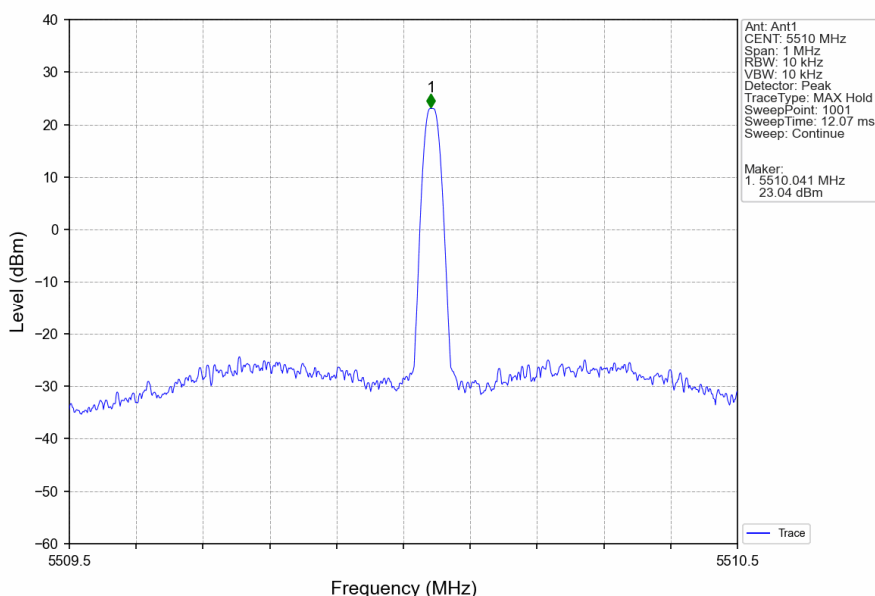
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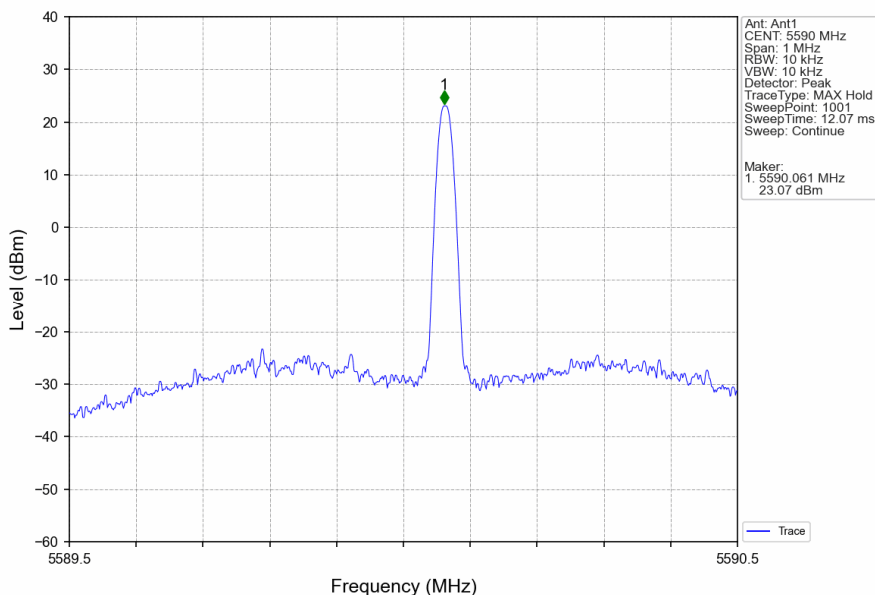
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Carrier Wave_LCH_5510MHz_Ant1_NTHV



Carrier Wave_MCH_5590MHz_Ant1_NTHV



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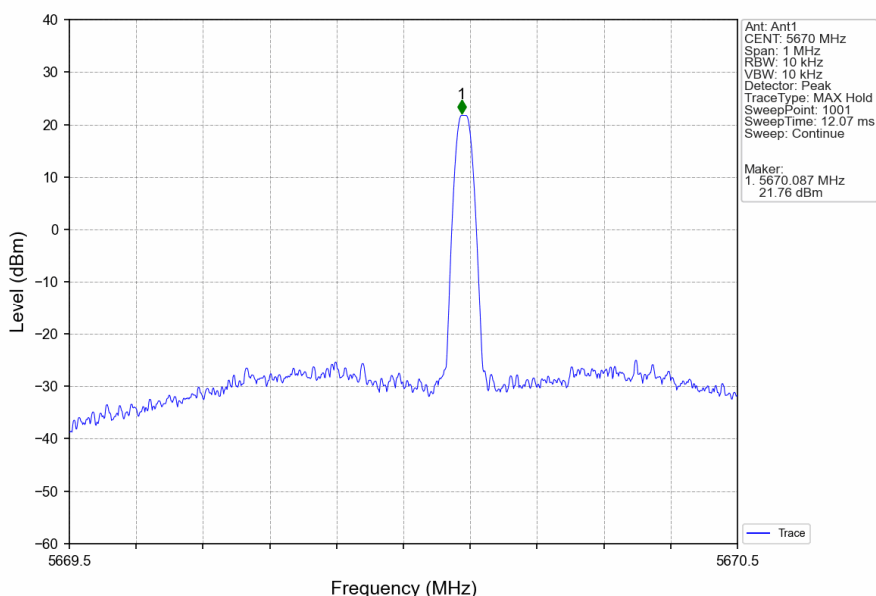
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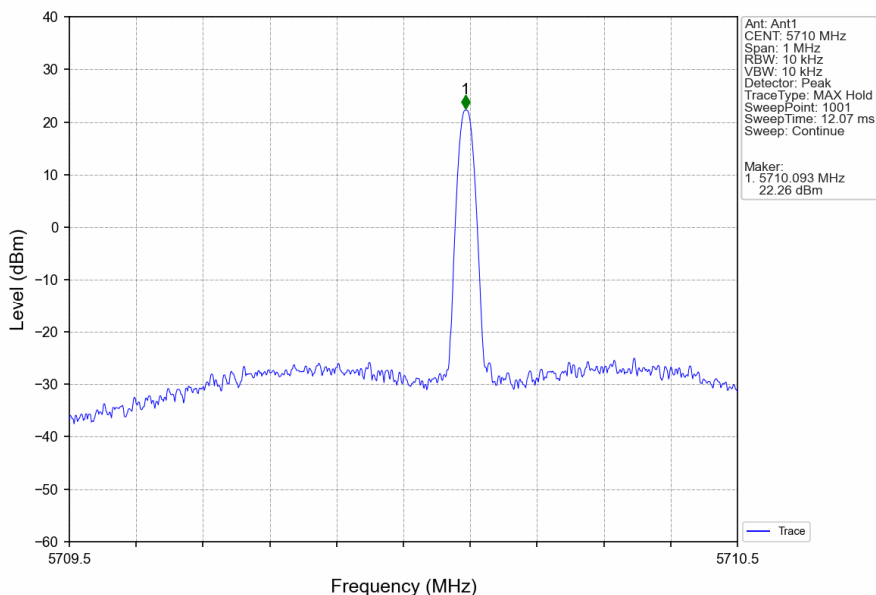
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Carrier Wave_HCH_5670MHz_Ant1_NTHV



Carrier Wave_HHCH_5710MHz_Ant1_NTHV



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2. Occupied Bandwidth

2.1 Test Result

2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11a	SISO	5180	16.438	<=20	Pass
			5200	16.413	<=20	Pass
			5240	16.443	<=20	Pass
			5260	16.406	<=20	Pass
			5300	16.418	<=20	Pass
			5320	16.415	<=20	Pass
			5500	16.415	<=20	Pass
			5600	16.387	<=20	Pass
			5700	16.401	<=20	Pass
			5720	16.419	<=20	Pass
	802.11n (HT20)	SISO	5180	17.596	<=20	Pass
			5200	17.622	<=20	Pass
			5240	17.615	<=20	Pass
			5260	17.631	<=20	Pass
			5300	17.620	<=20	Pass
			5320	17.642	<=20	Pass
			5500	17.647	<=20	Pass
			5600	17.611	<=20	Pass
			5700	17.600	<=20	Pass
			5720	17.607	<=20	Pass
	802.11n (HT40)	SISO	5190	35.970	<=40	Pass
			5230	35.910	<=40	Pass
			5270	35.962	<=40	Pass
			5310	35.880	<=40	Pass
			5510	35.907	<=40	Pass
			5590	35.786	<=40	Pass
			5670	35.998	<=40	Pass
			5710	35.928	<=40	Pass

NTLV	802.11a	SISO	5180	16.403	<=20	Pass
			5200	16.442	<=20	Pass
			5240	16.404	<=20	Pass
			5260	16.402	<=20	Pass
			5300	16.434	<=20	Pass
			5320	16.428	<=20	Pass
			5500	16.398	<=20	Pass
			5600	16.438	<=20	Pass
			5700	16.465	<=20	Pass
			5720	16.388	<=20	Pass
	802.11n (HT20)	SISO	5180	17.595	<=20	Pass
			5200	17.603	<=20	Pass
			5240	17.615	<=20	Pass
			5260	17.620	<=20	Pass
			5300	17.621	<=20	Pass
			5320	17.655	<=20	Pass
			5500	17.633	<=20	Pass
			5600	17.604	<=20	Pass
			5700	17.632	<=20	Pass
			5720	17.585	<=20	Pass
	802.11n (HT40)	SISO	5190	35.882	<=40	Pass
			5230	35.857	<=40	Pass
			5270	35.943	<=40	Pass
			5310	35.929	<=40	Pass
			5510	35.820	<=40	Pass
			5590	35.880	<=40	Pass
			5670	35.861	<=40	Pass
			5710	35.930	<=40	Pass
NTHV	802.11a	SISO	5180	16.452	<=20	Pass
			5200	16.406	<=20	Pass
			5240	16.404	<=20	Pass
			5260	16.416	<=20	Pass
			5300	16.427	<=20	Pass
			5320	16.403	<=20	Pass
			5500	16.402	<=20	Pass
			5600	16.379	<=20	Pass
			5700	16.445	<=20	Pass
			5720	16.446	<=20	Pass



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	802.11n (HT20)	SISO	5180	17.618	<=20	Pass
			5200	17.607	<=20	Pass
			5240	17.594	<=20	Pass
			5260	17.622	<=20	Pass
			5300	17.625	<=20	Pass
			5320	17.618	<=20	Pass
			5500	17.614	<=20	Pass
			5600	17.600	<=20	Pass
			5700	17.590	<=20	Pass
			5720	17.600	<=20	Pass
	802.11n (HT40)	SISO	5190	35.921	<=40	Pass
			5230	35.902	<=40	Pass
			5270	35.839	<=40	Pass
			5310	35.850	<=40	Pass
			5510	35.915	<=40	Pass
			5590	35.877	<=40	Pass
			5670	35.892	<=40	Pass
			5710	35.930	<=40	Pass



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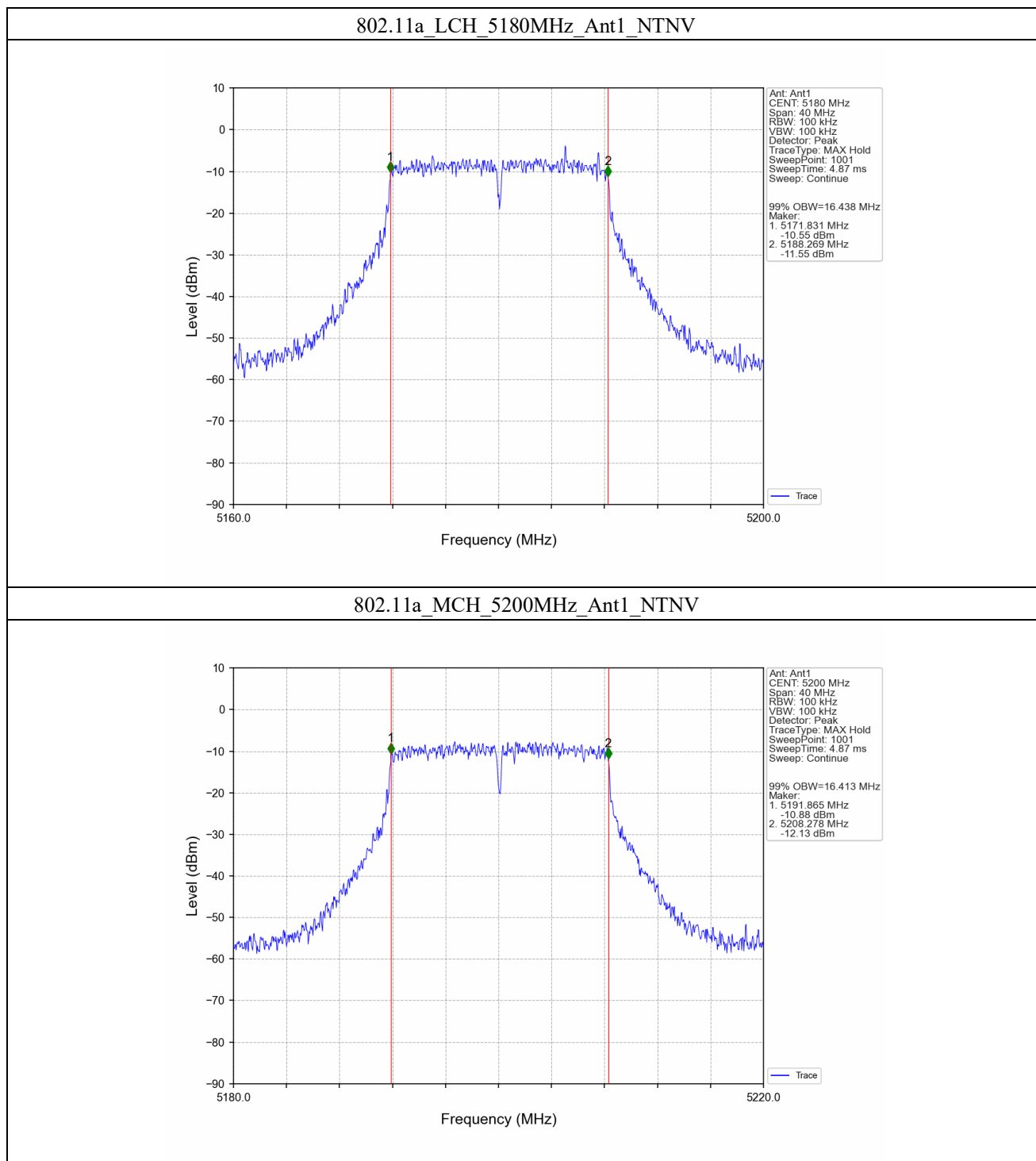
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2.2 Test Graph

2.2.1 OBW



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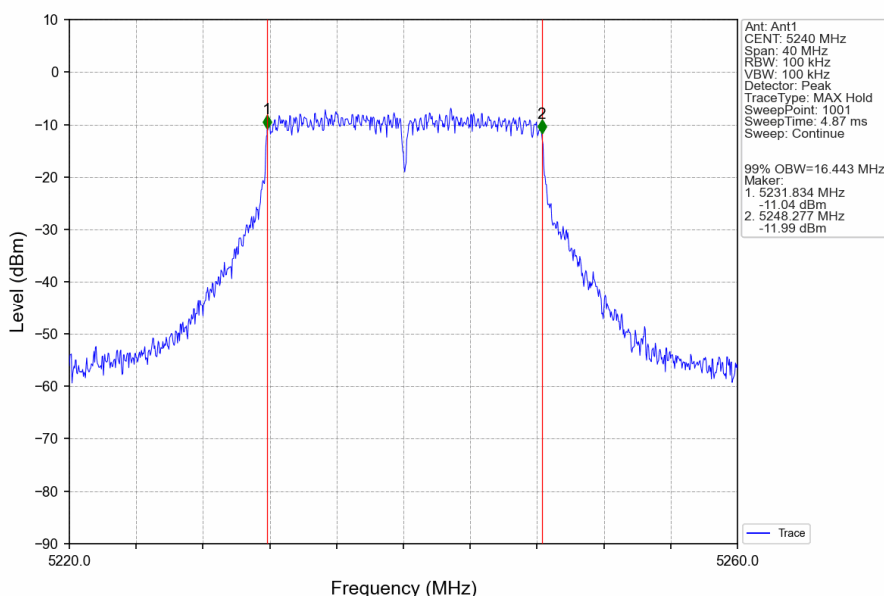
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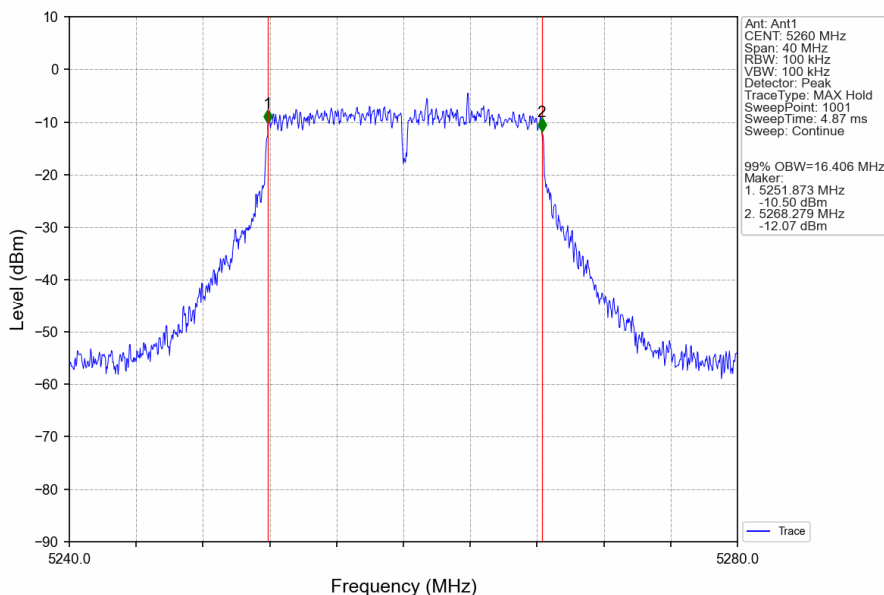
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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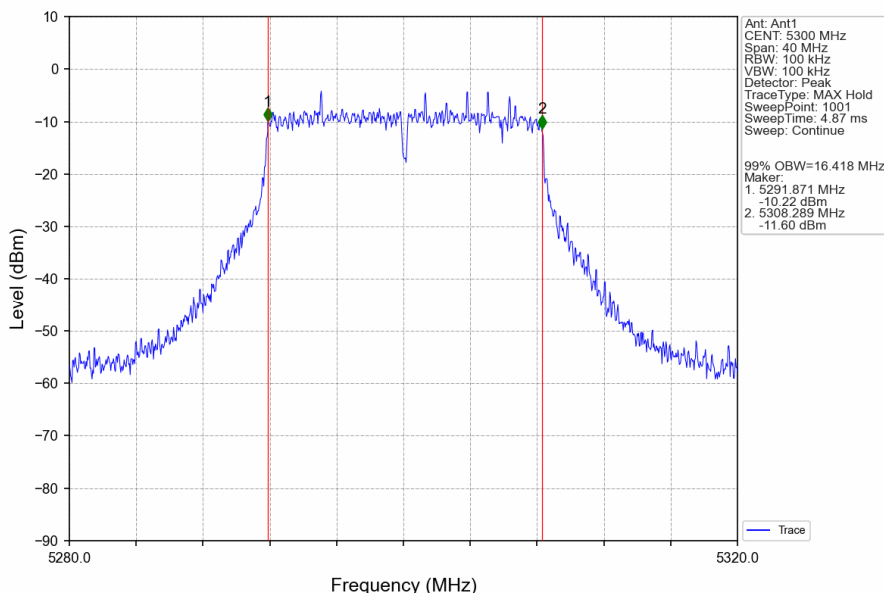
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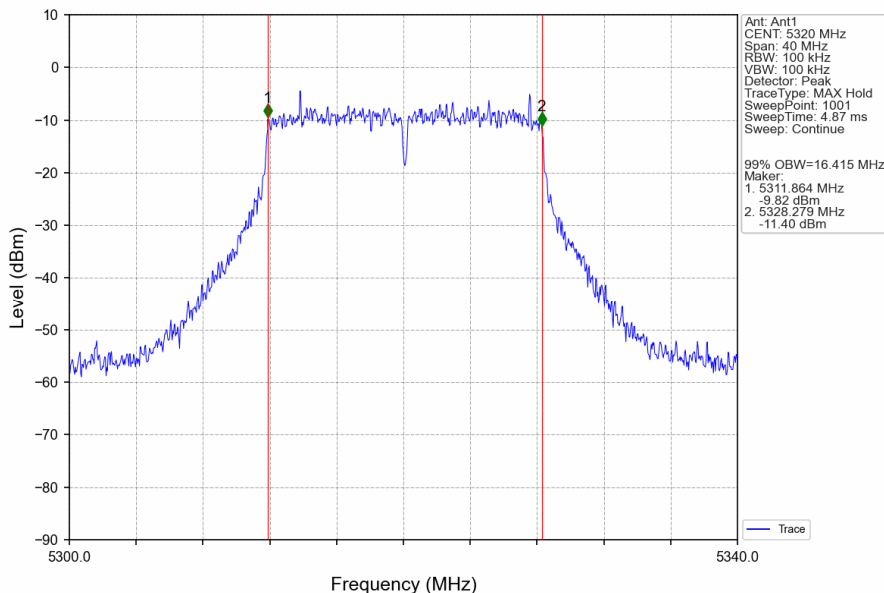
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802.11a_MCH_5300MHz_Ant1_NTNV



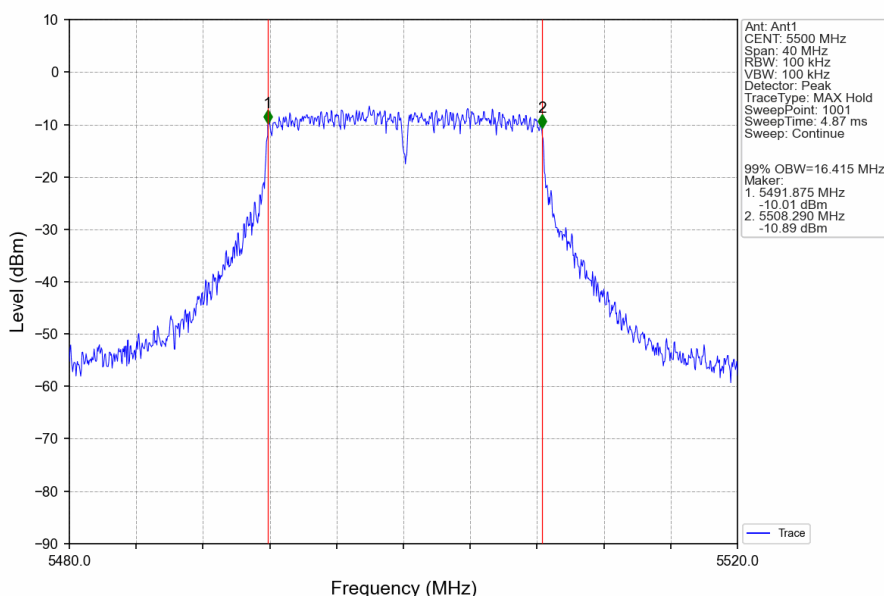
802.11a_HCH_5320MHz_Ant1_NTNV



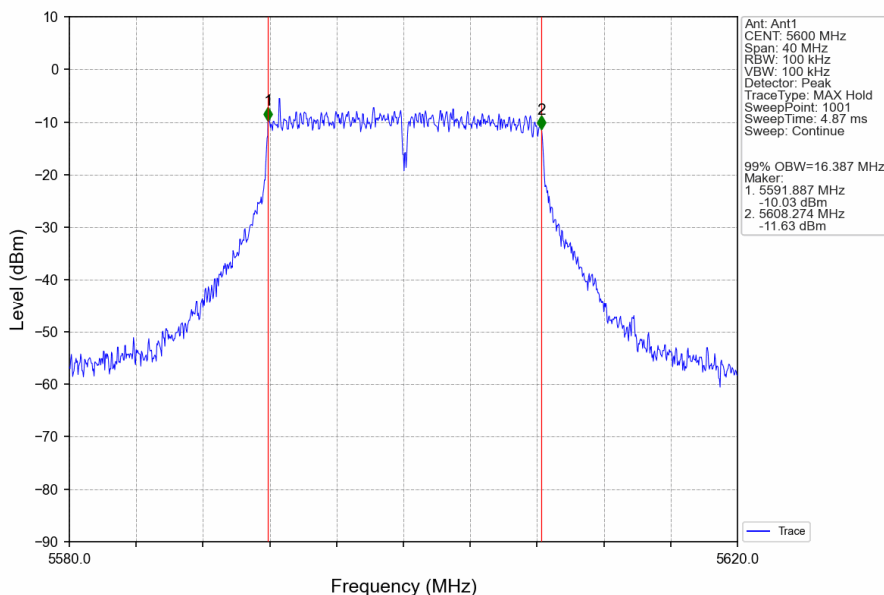
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5600MHz_Ant1_NTNV



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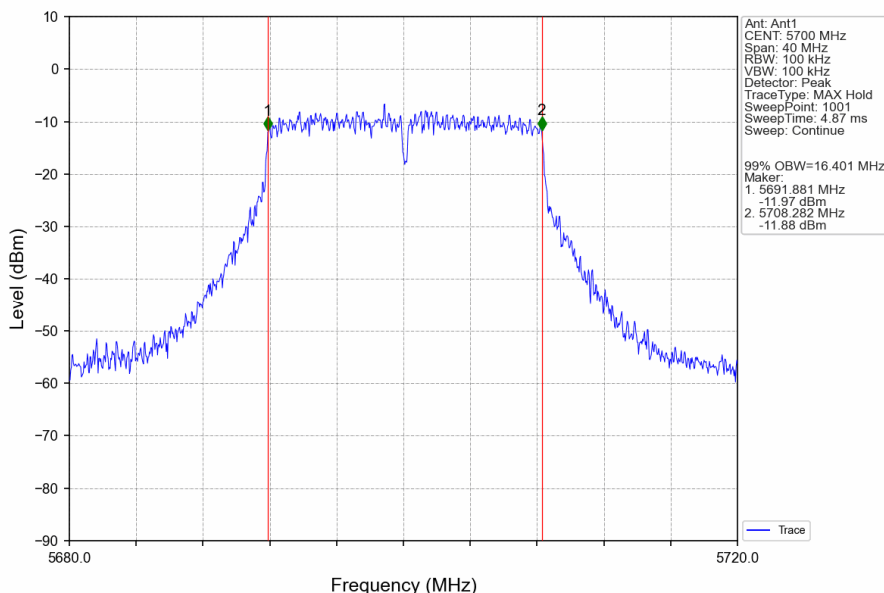
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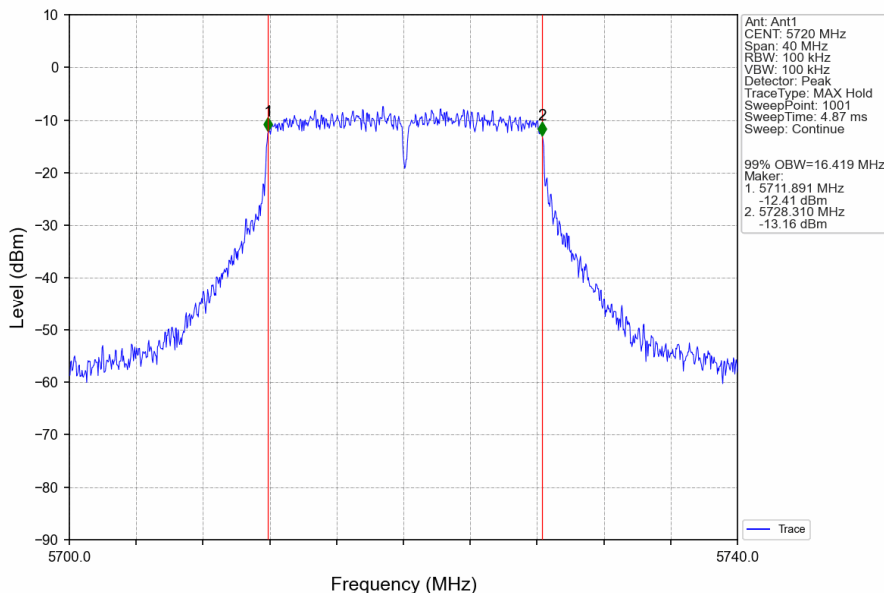
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_HHCH_5720MHz_Ant1_NTNV



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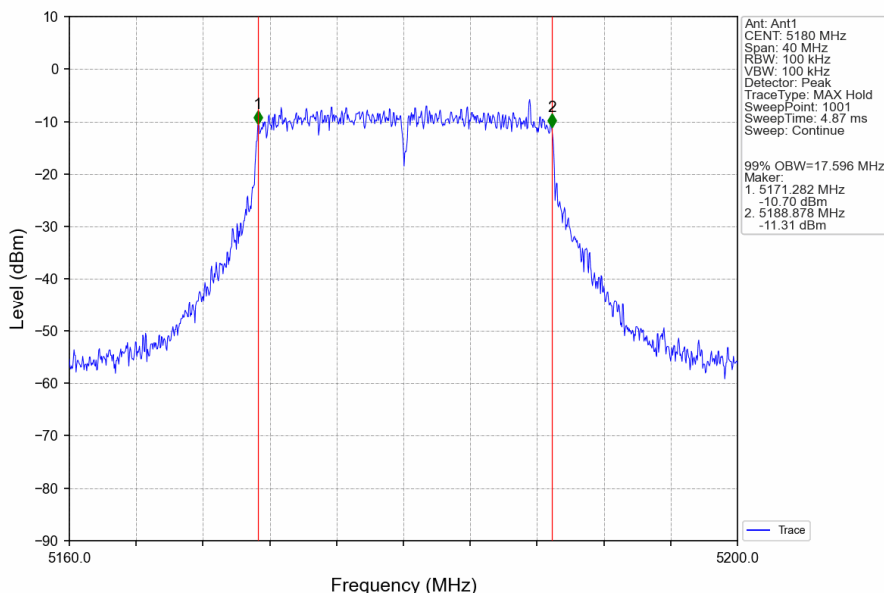
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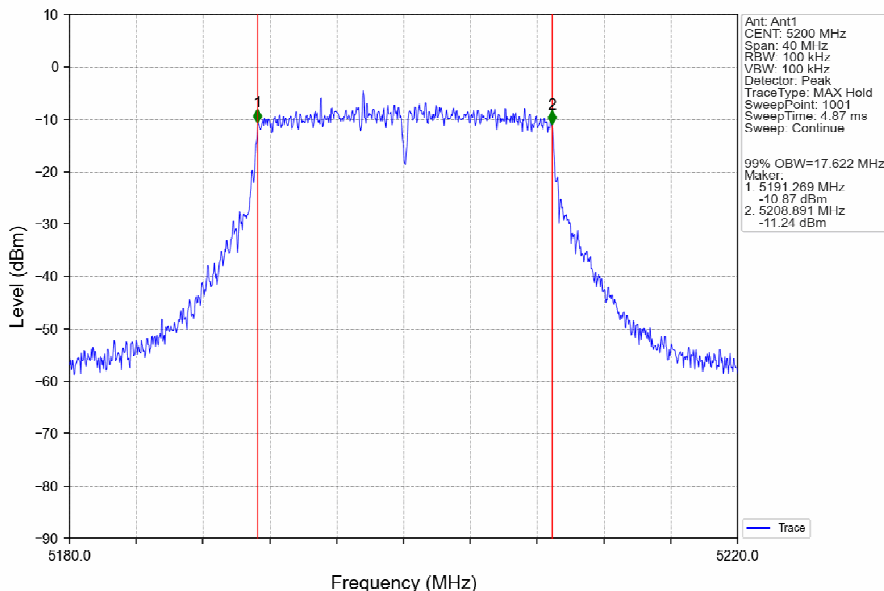
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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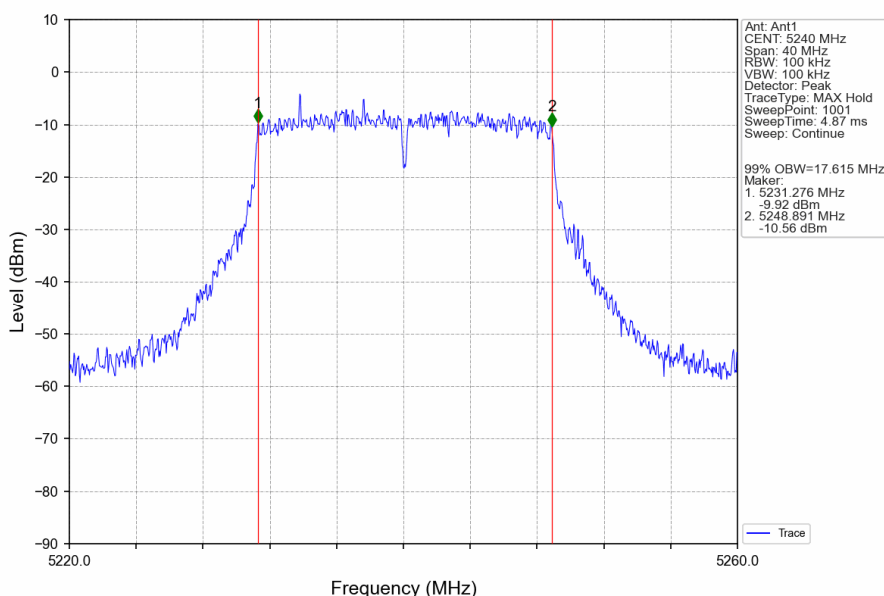
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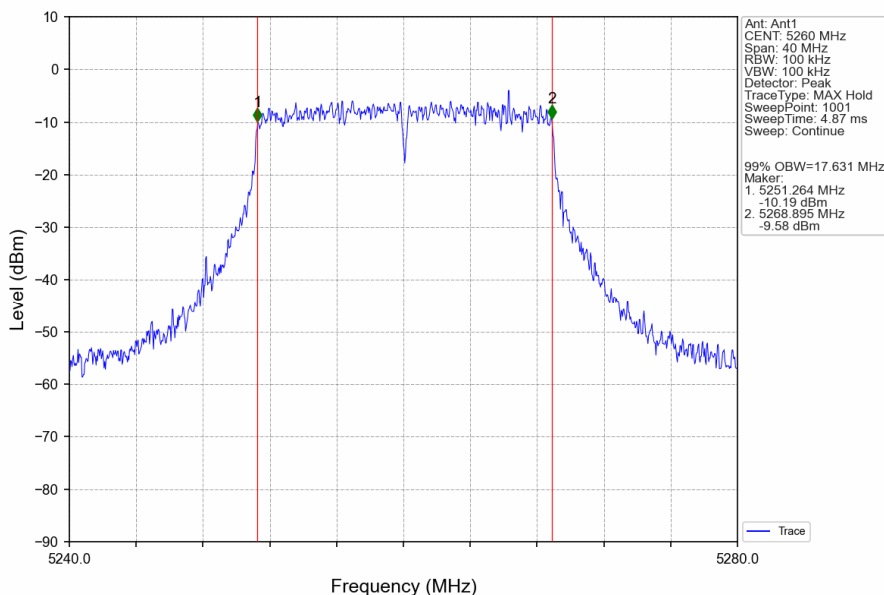
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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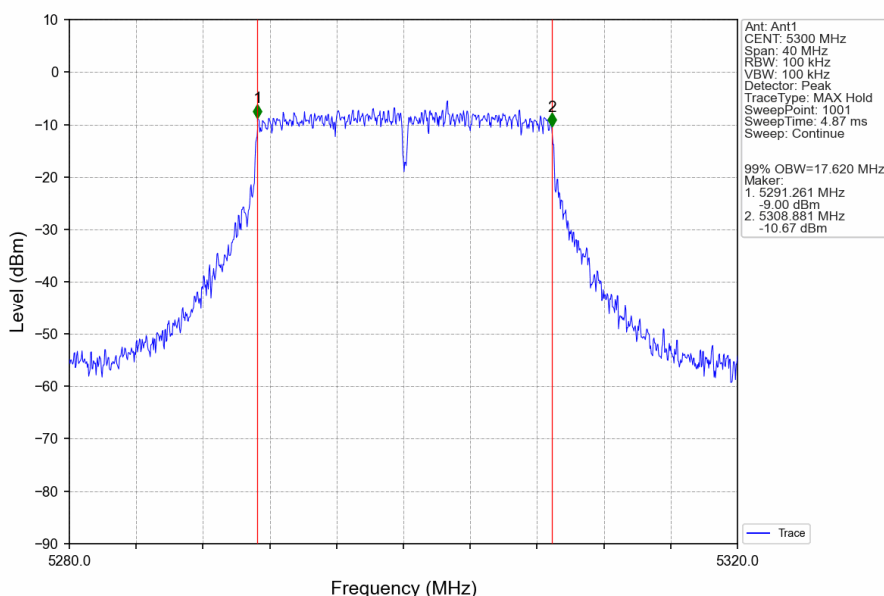
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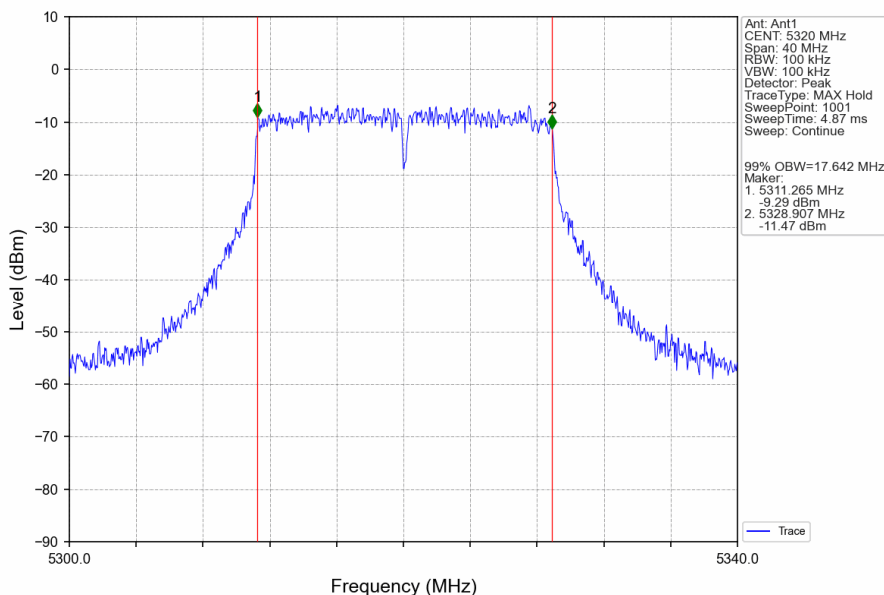
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



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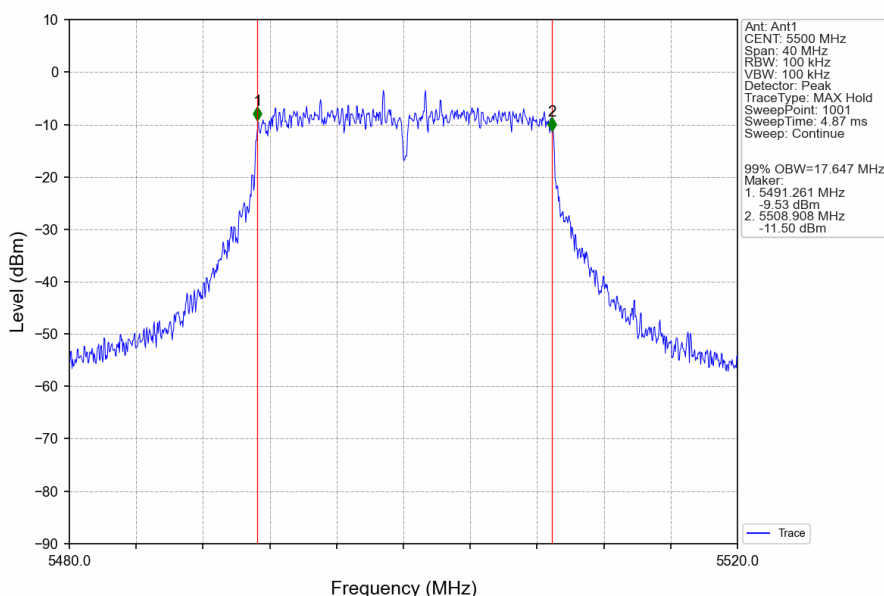
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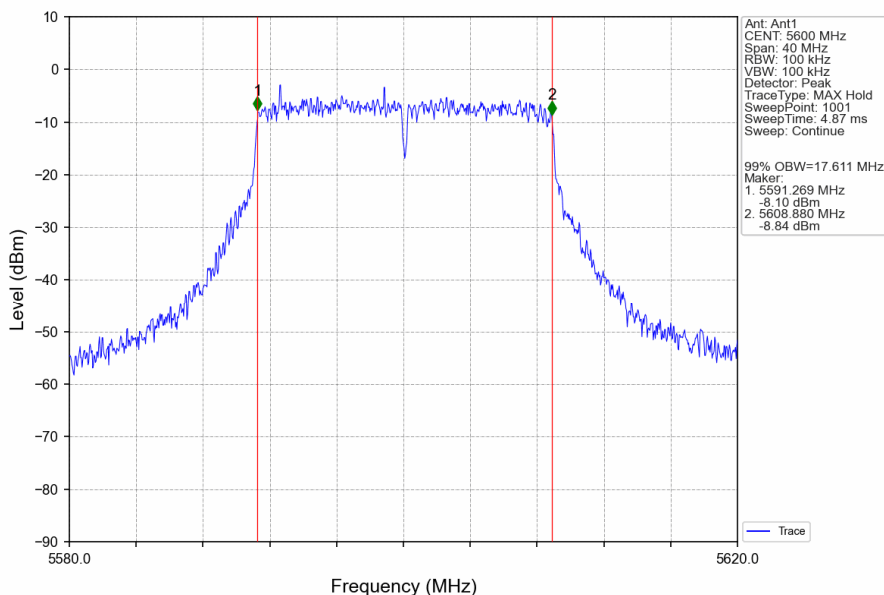
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



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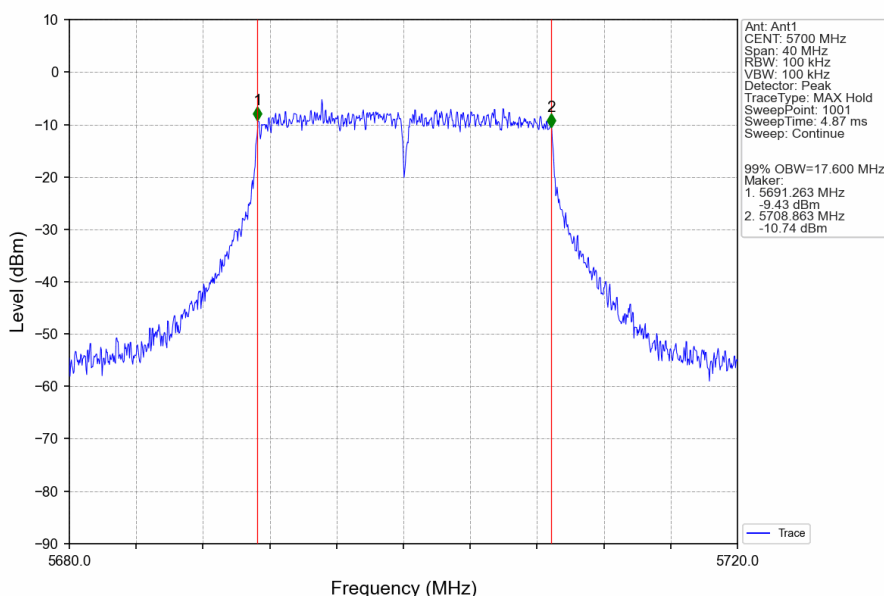
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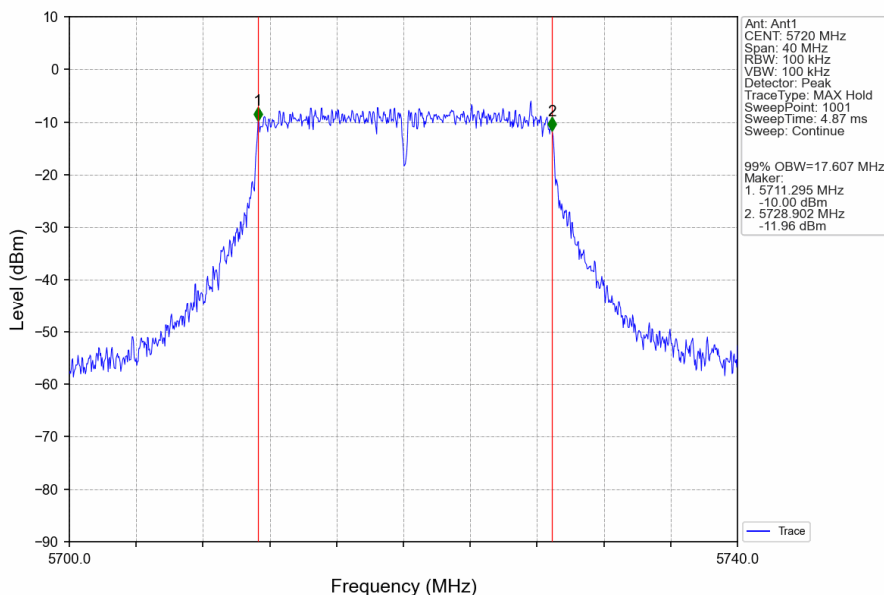
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HHCH_5720MHz_Ant1_NTNV



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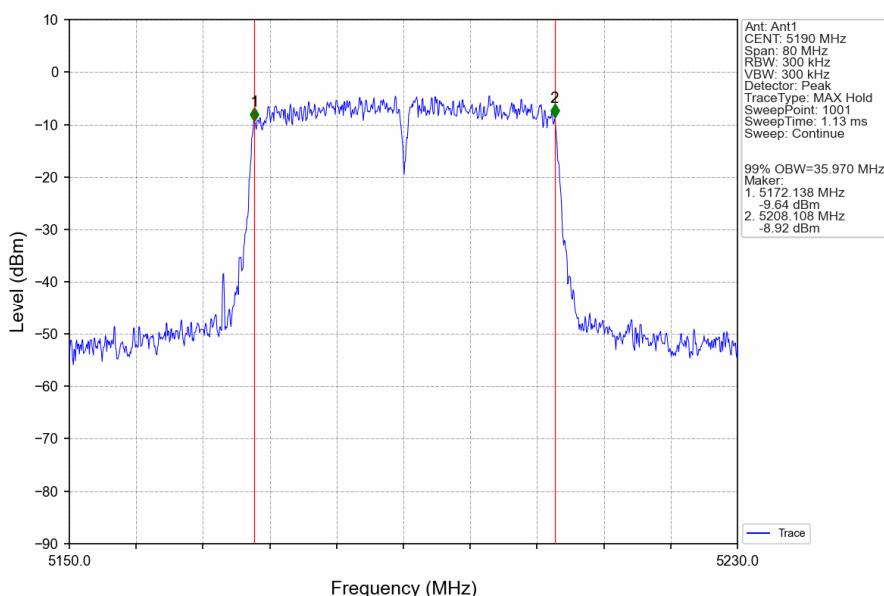
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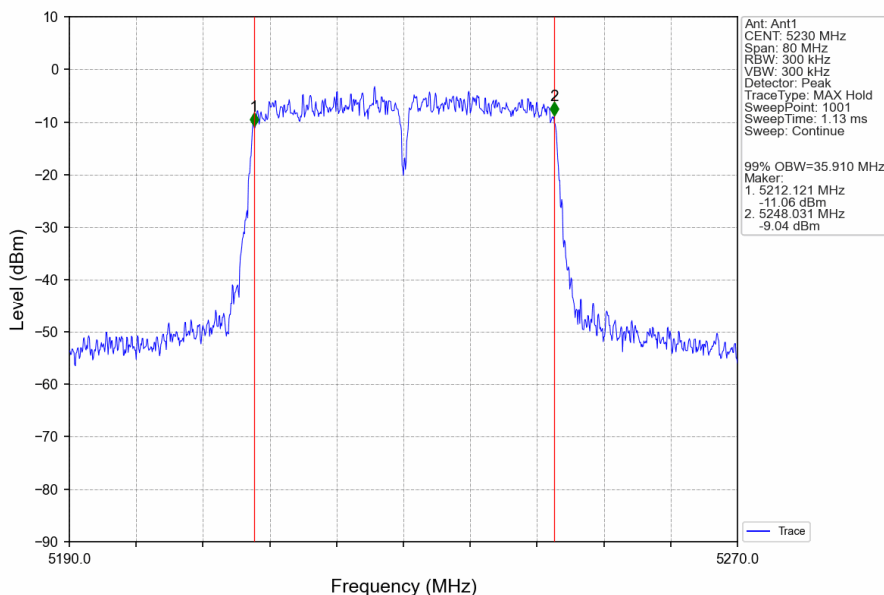
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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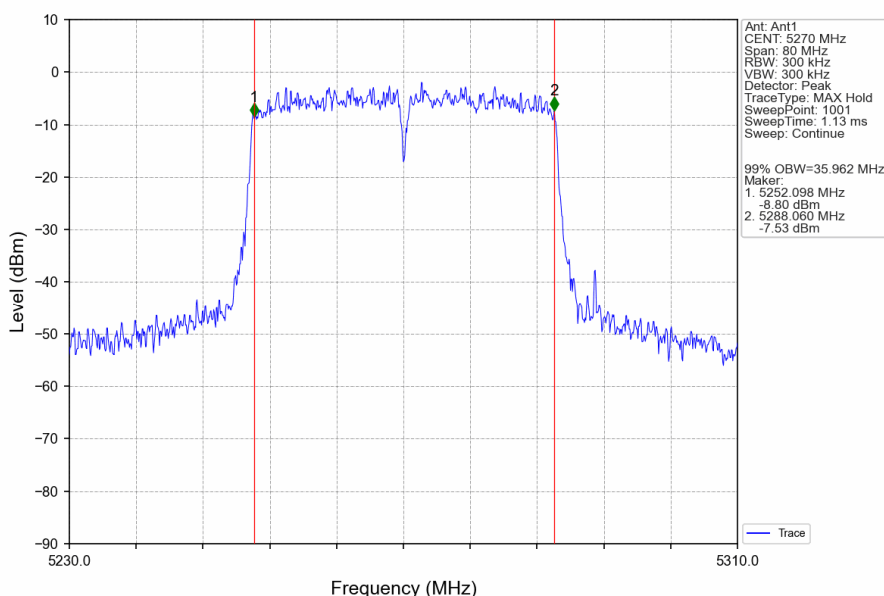
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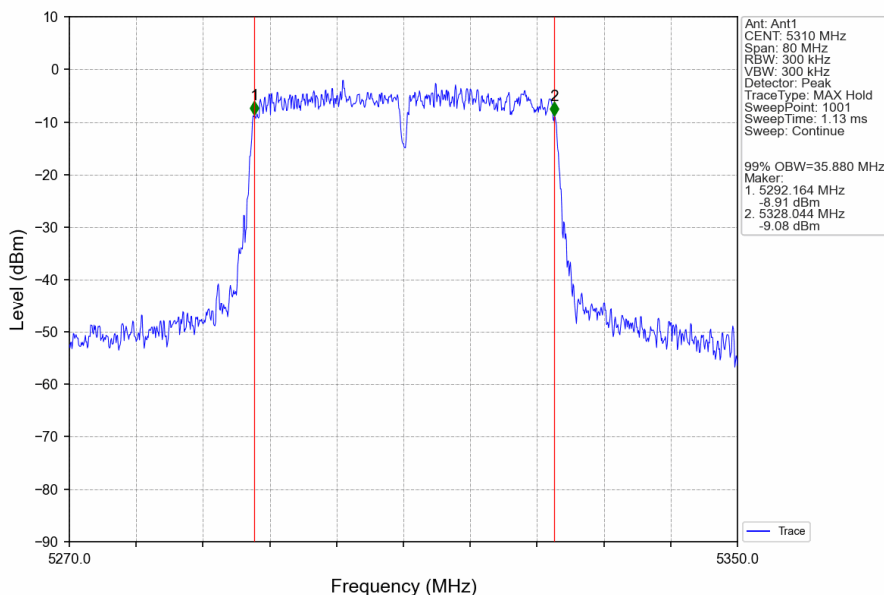
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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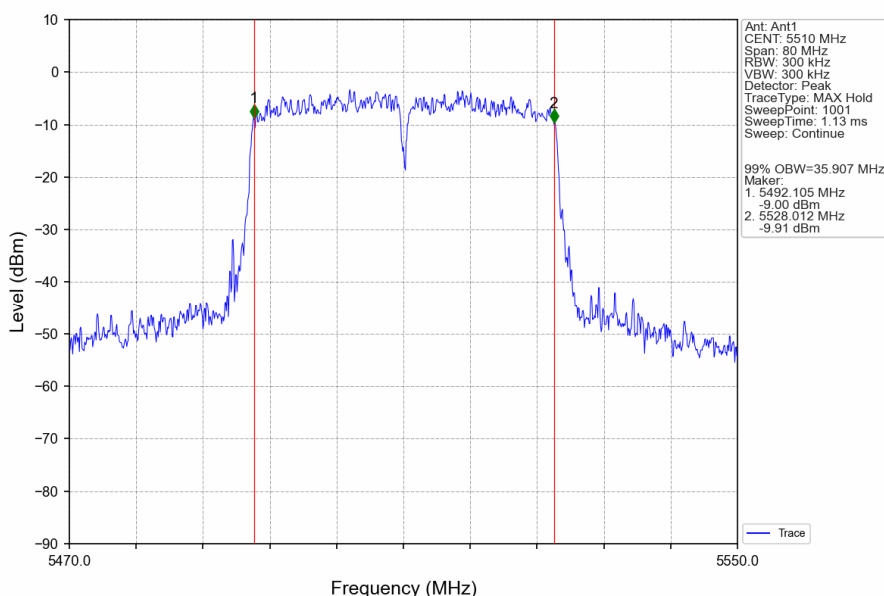
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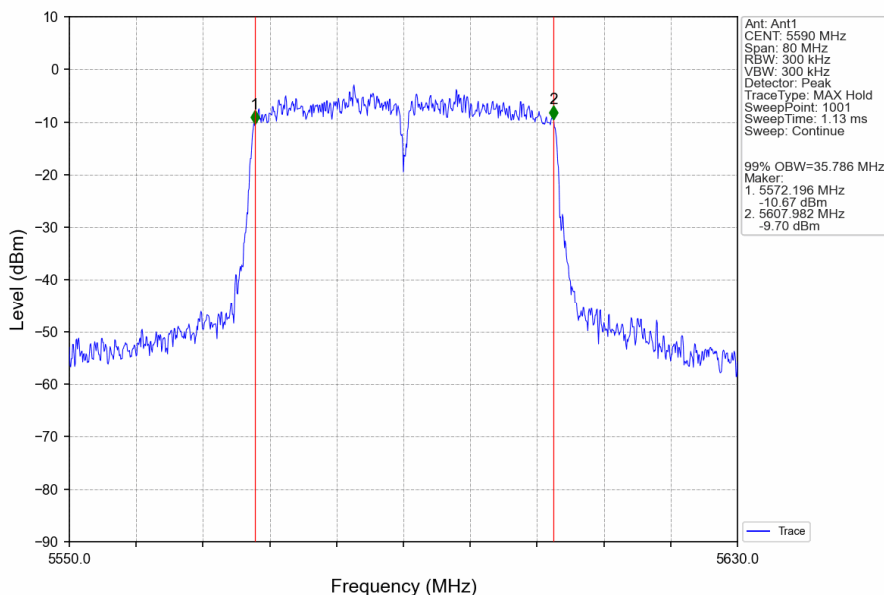
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



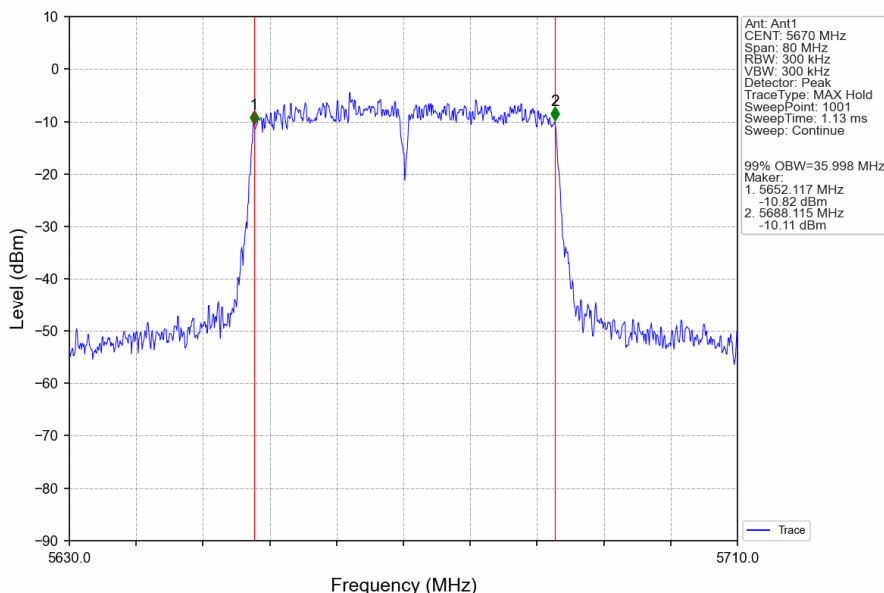
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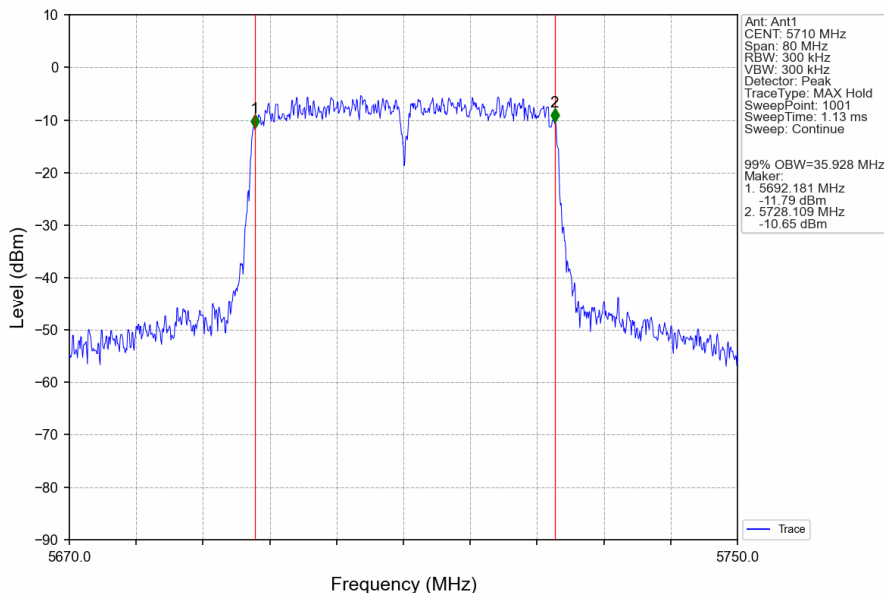
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_HHCH_5710MHz_Ant1_NTNV



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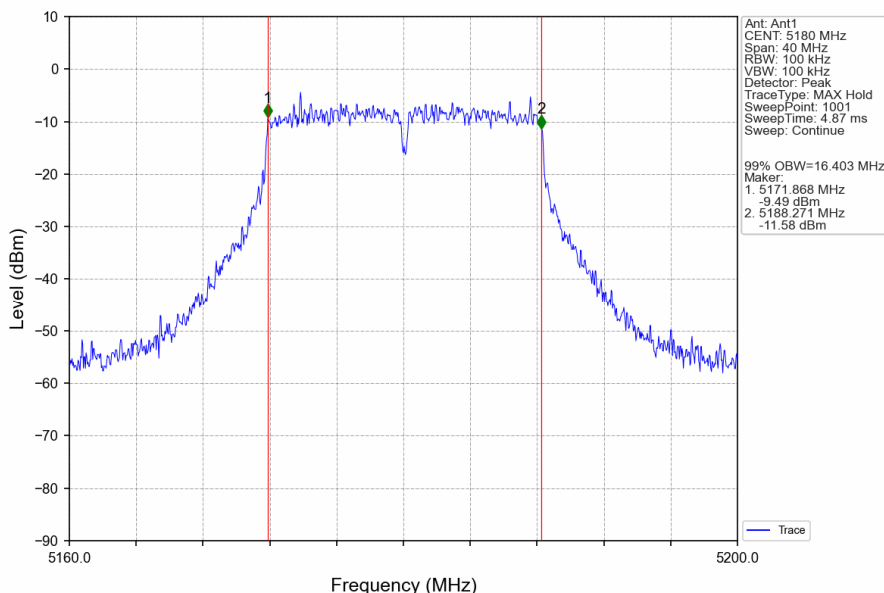
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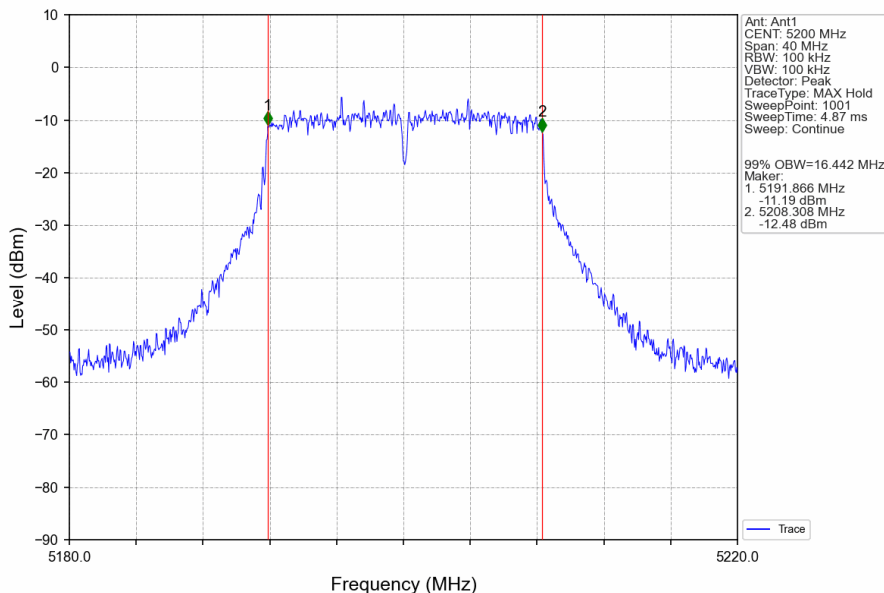
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802.11a_LCH_5180MHz_Ant1_NTLV



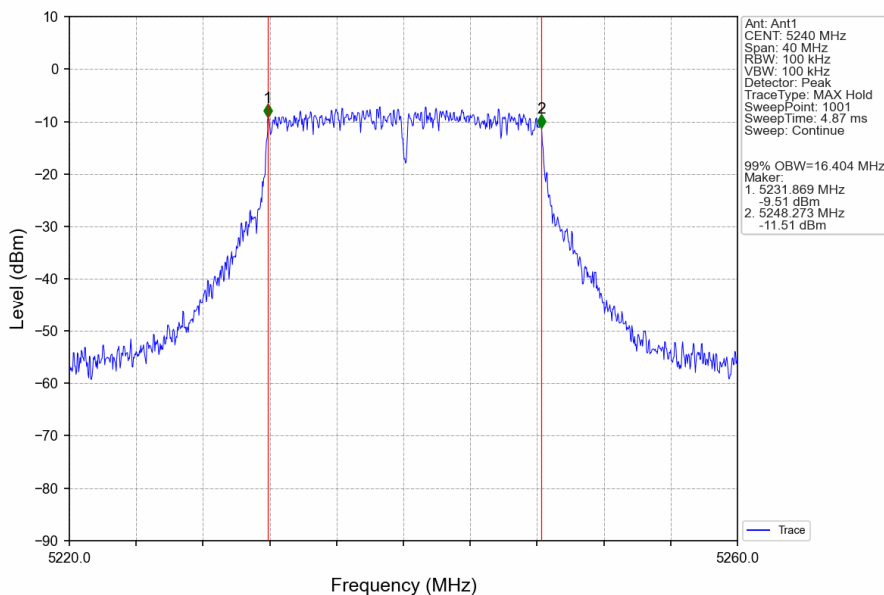
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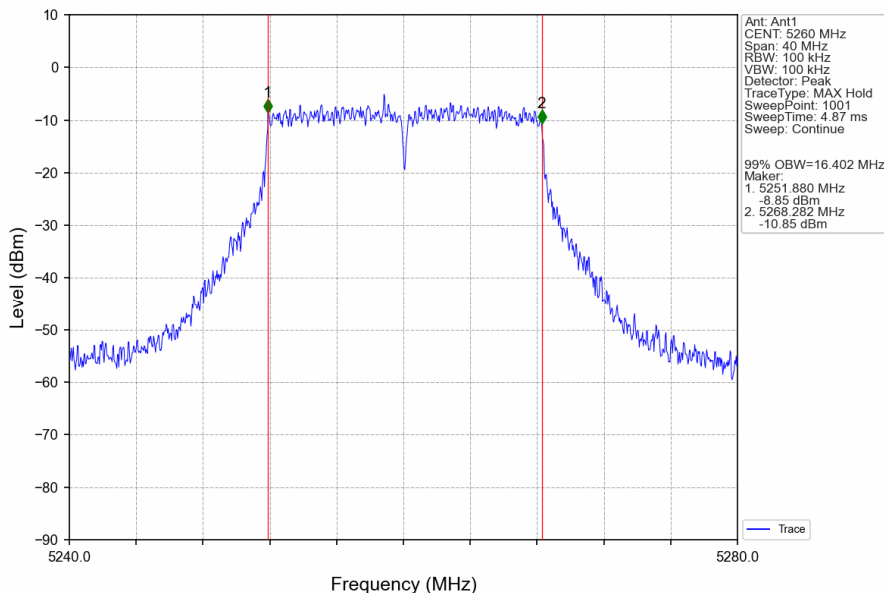
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802.11a_HCH_5240MHz_Ant1_NTLV



802.11a_LCH_5260MHz_Ant1_NTLV



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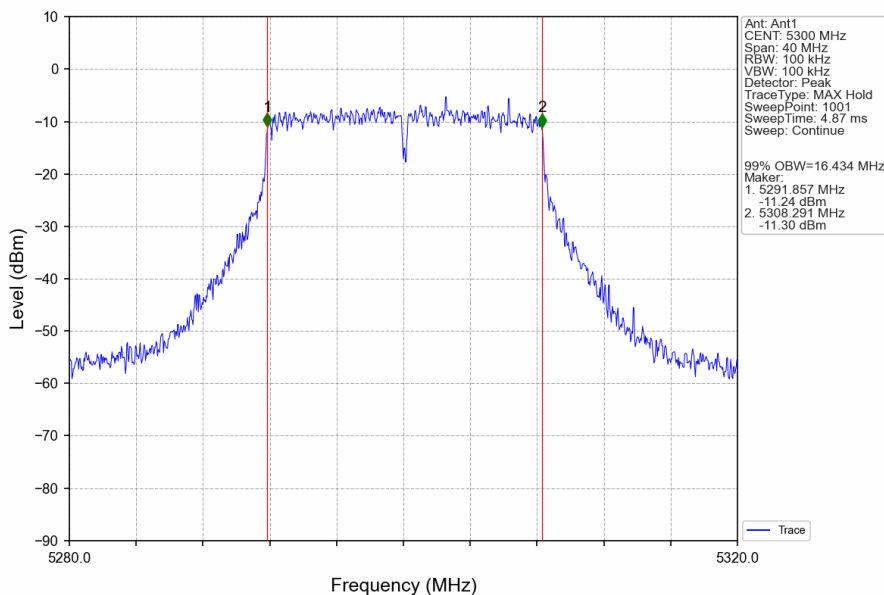
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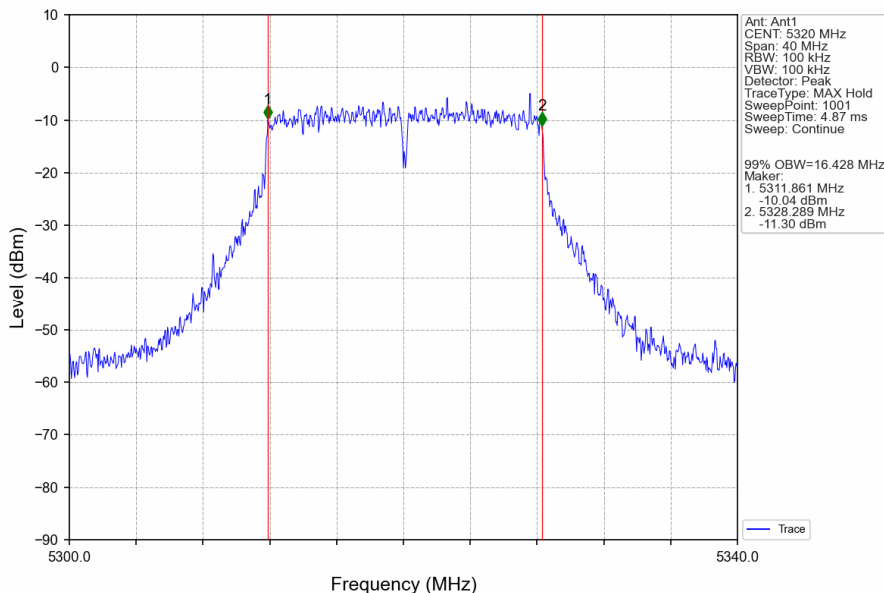
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802.11a_MCH_5300MHz_Ant1_NTLV



802.11a_HCH_5320MHz_Ant1_NTLV



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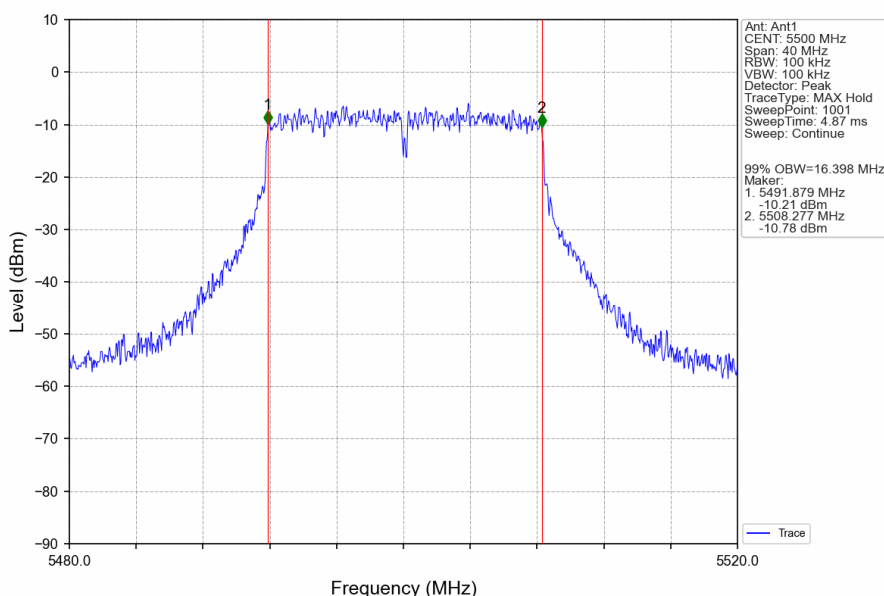
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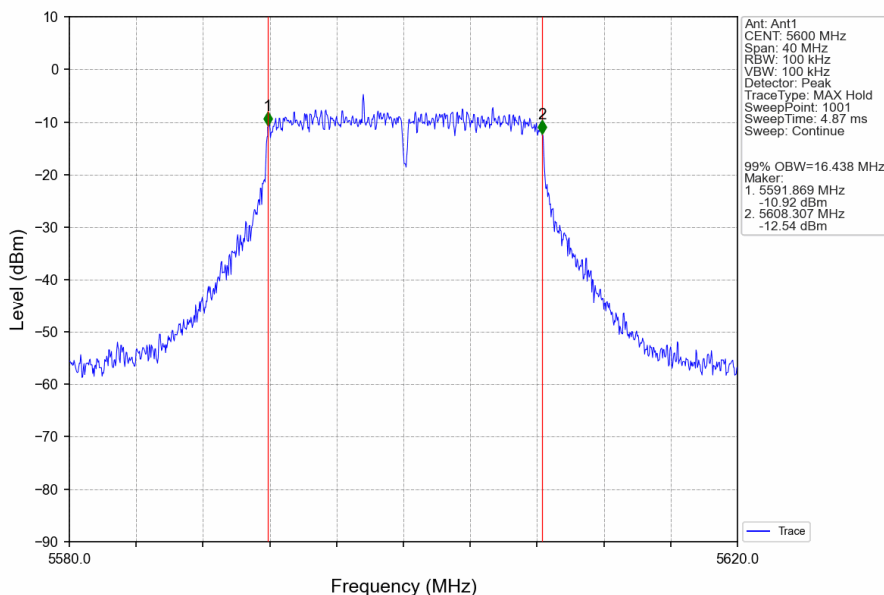
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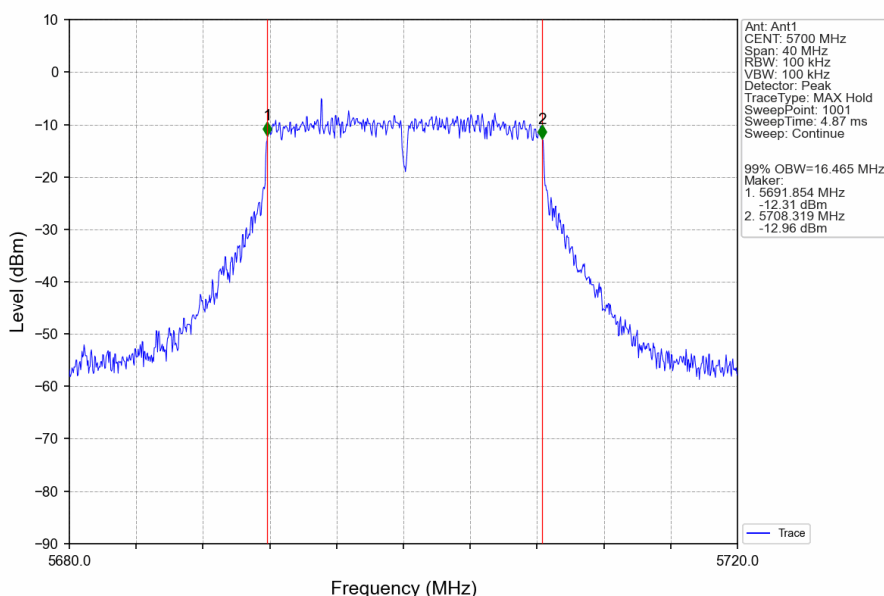
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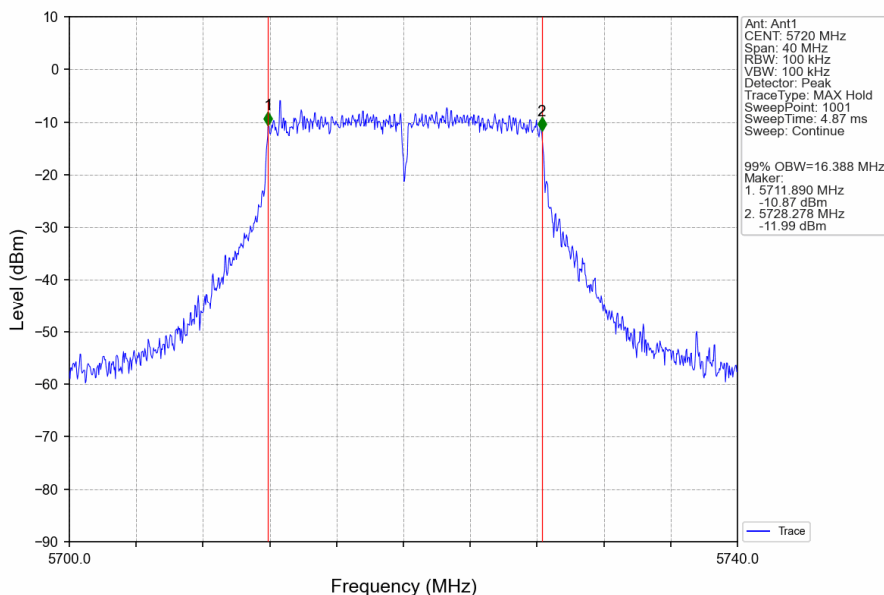
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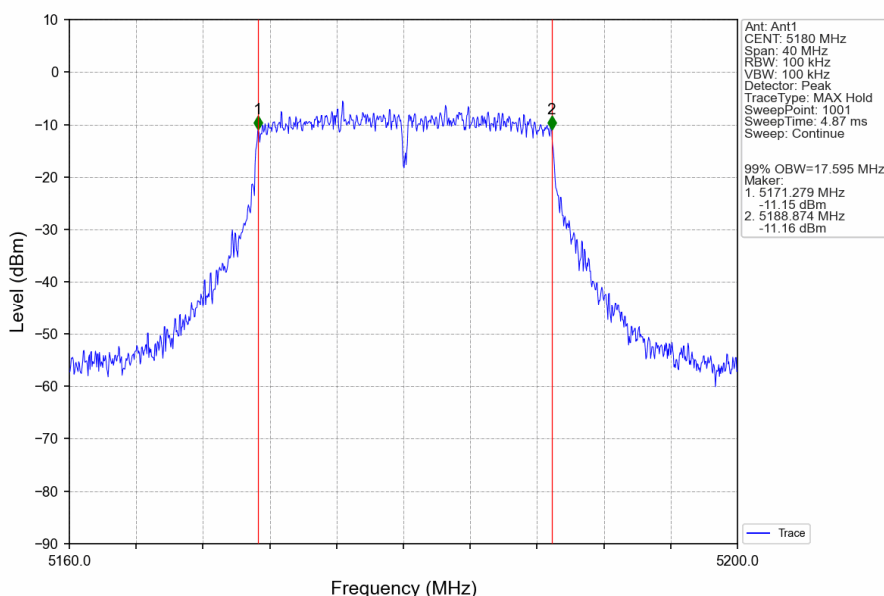
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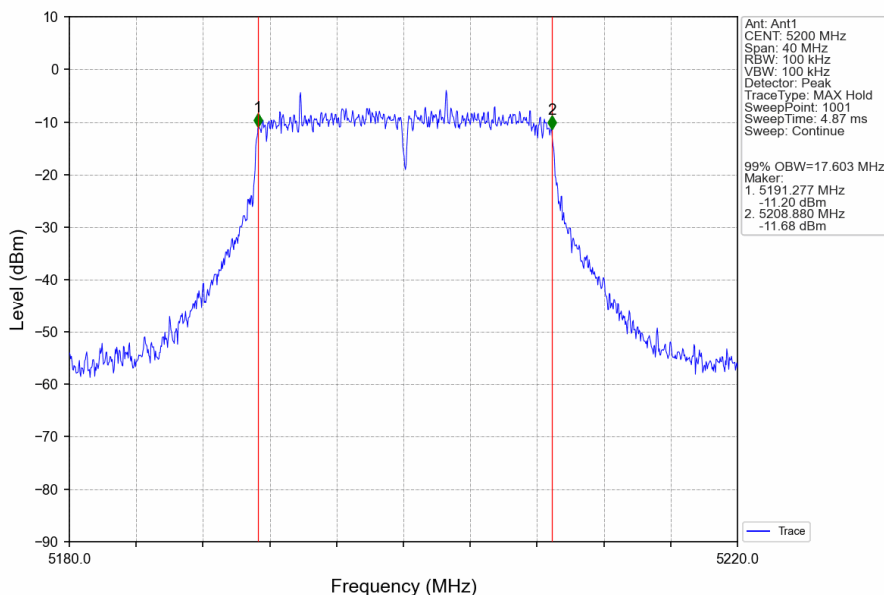
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802.11n(HT20)_MCH_5200MHz_Ant1_NTLV



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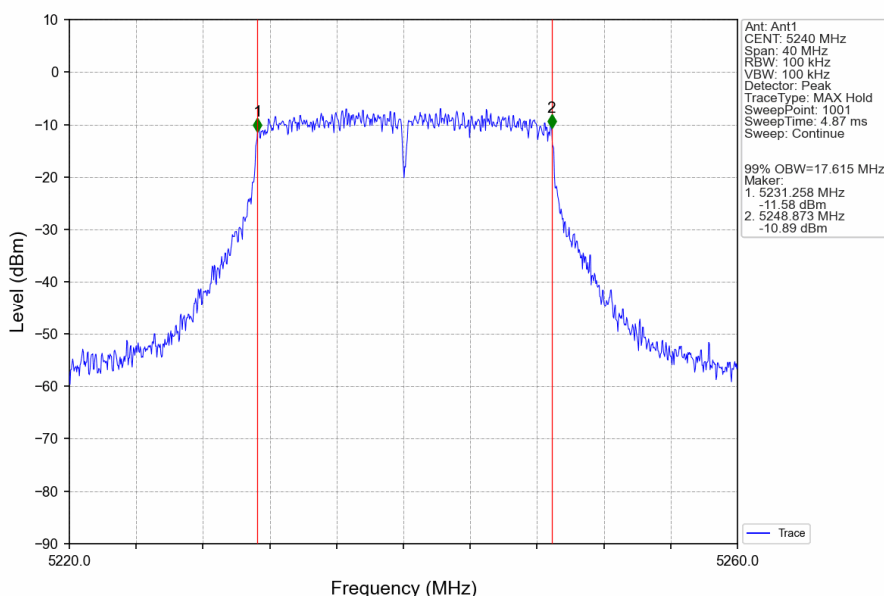
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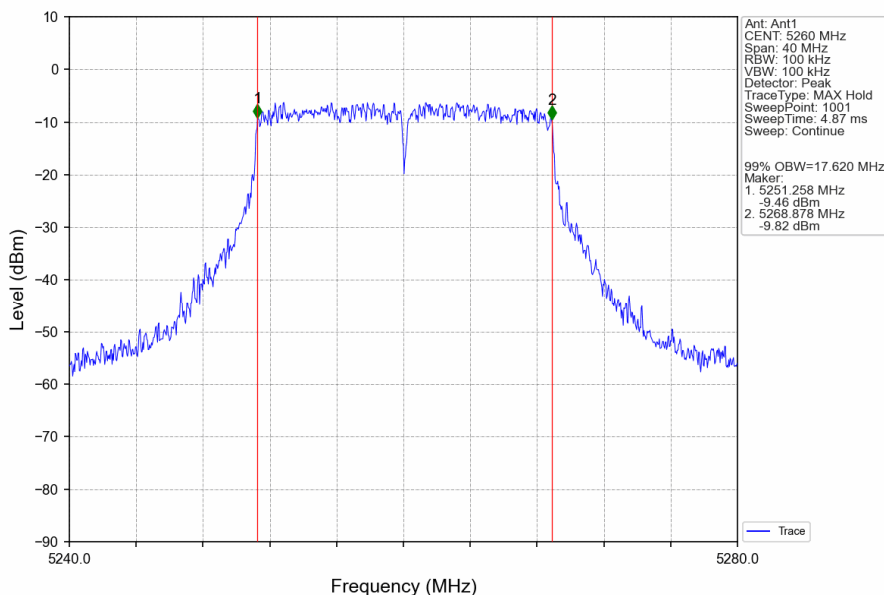
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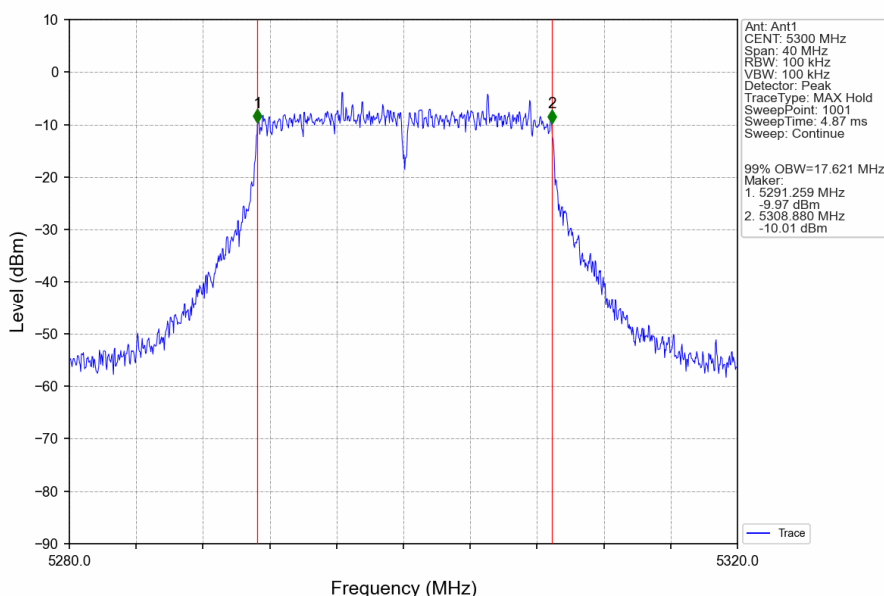
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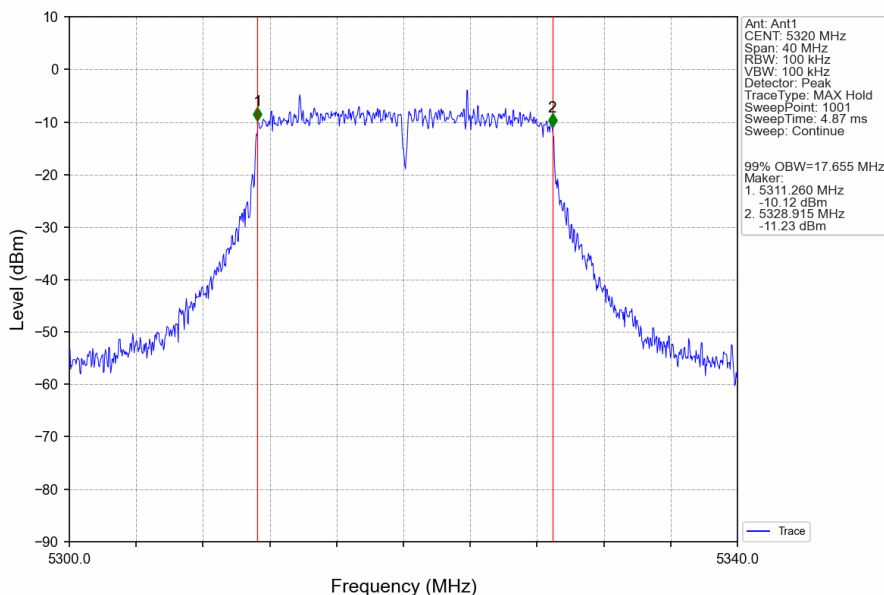
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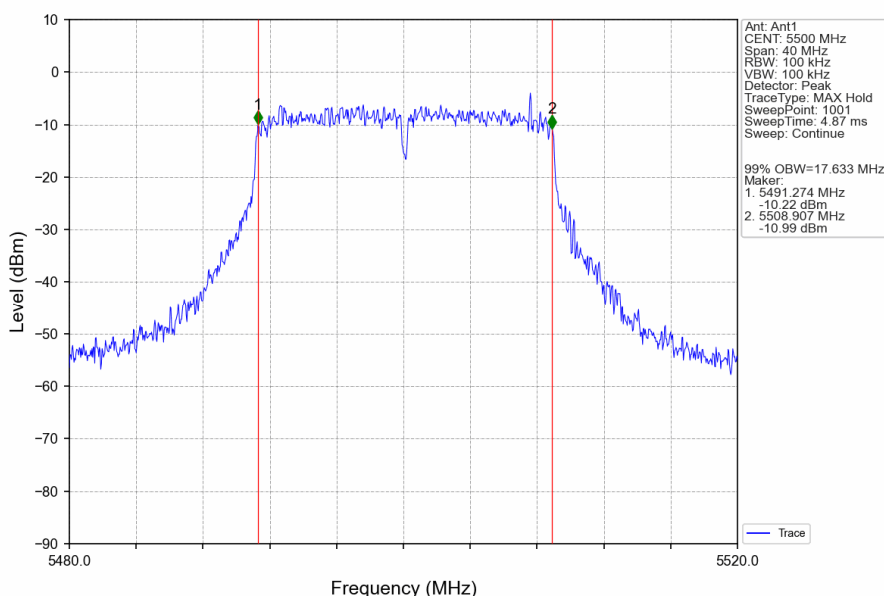
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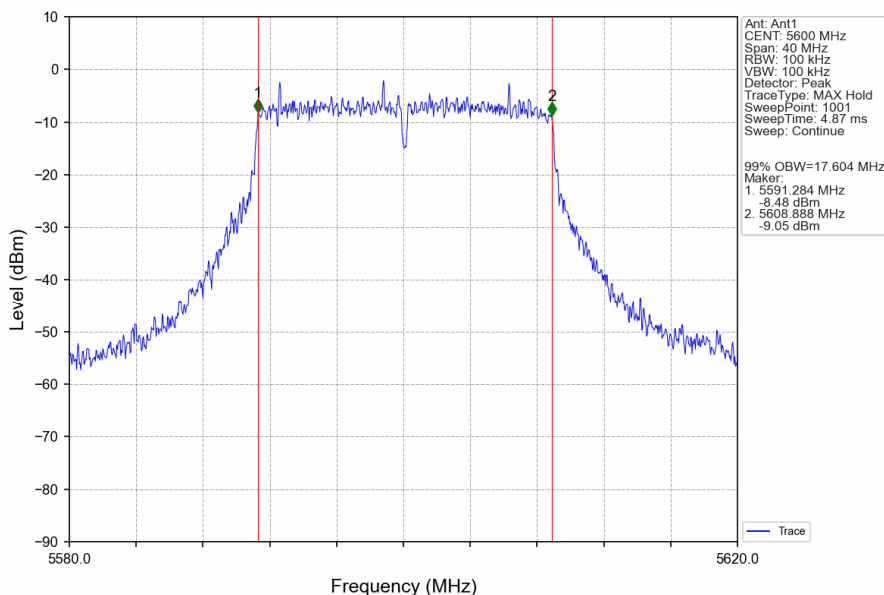
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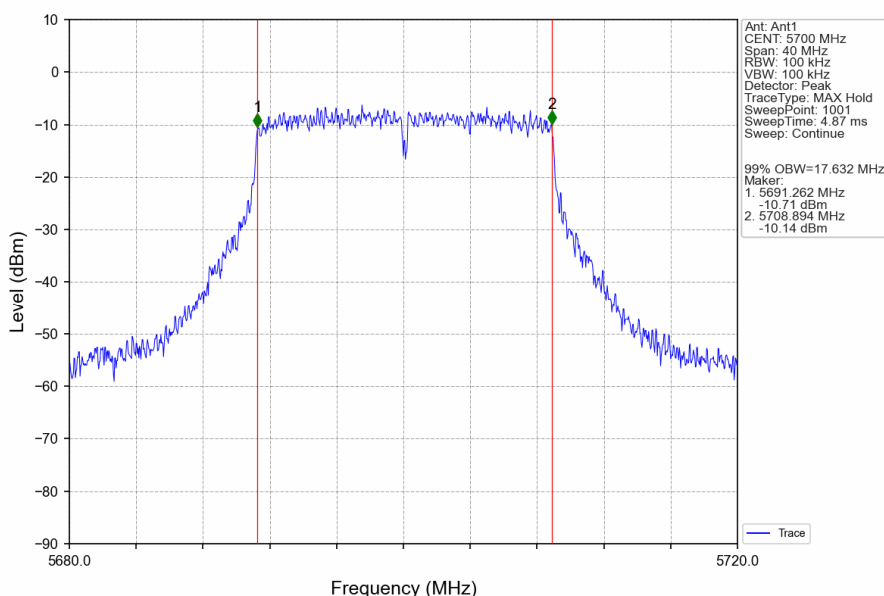
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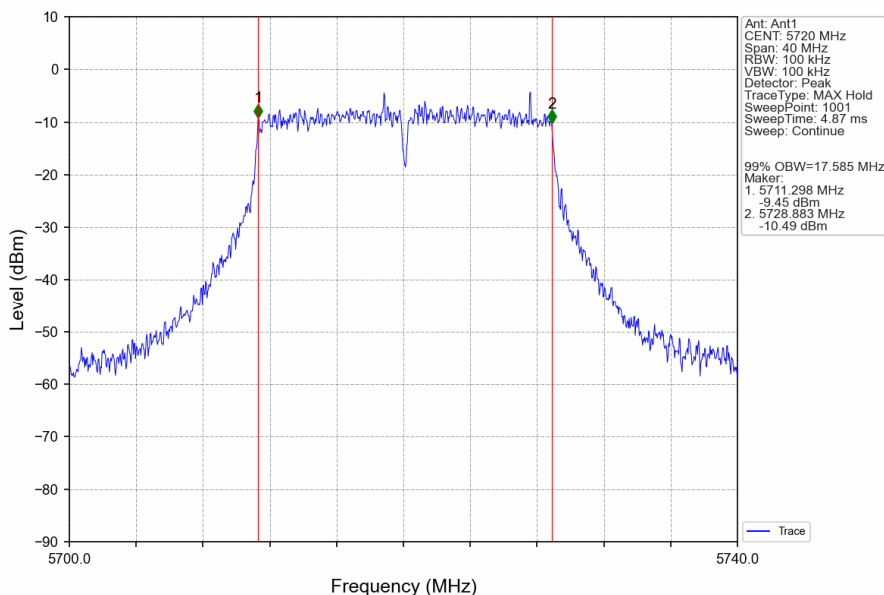
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802.11n(HT20)_HCH_5700MHz_Ant1_NTLV



802.11n(HT20)_HHCH_5720MHz_Ant1_NTLV



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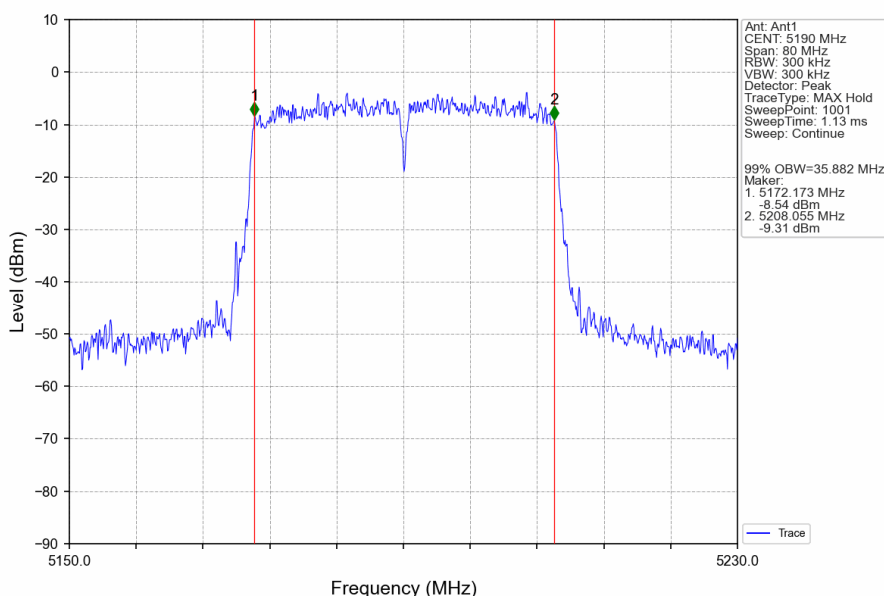
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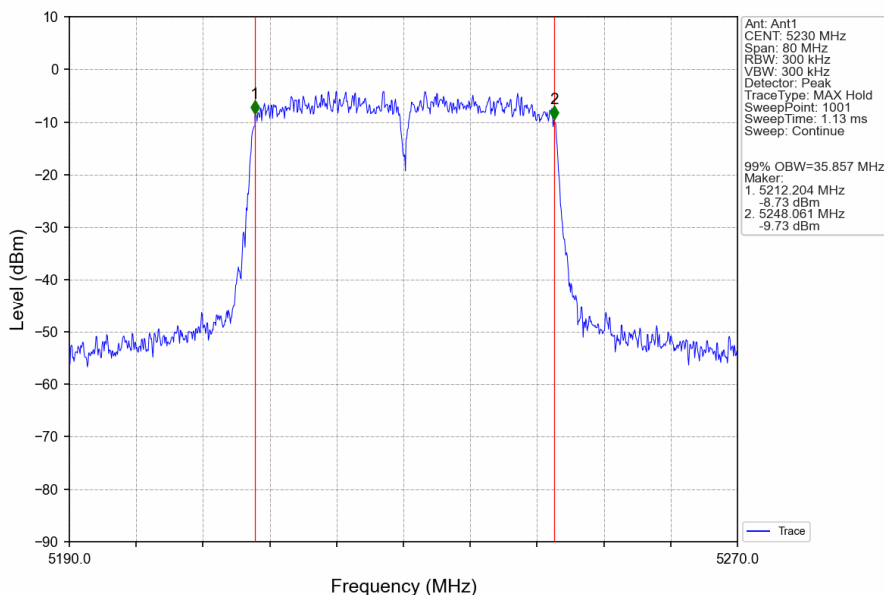
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802.11n(HT40)_LCH_5190MHz_Ant1_NTLV



802.11n(HT40)_HCH_5230MHz_Ant1_NTLV



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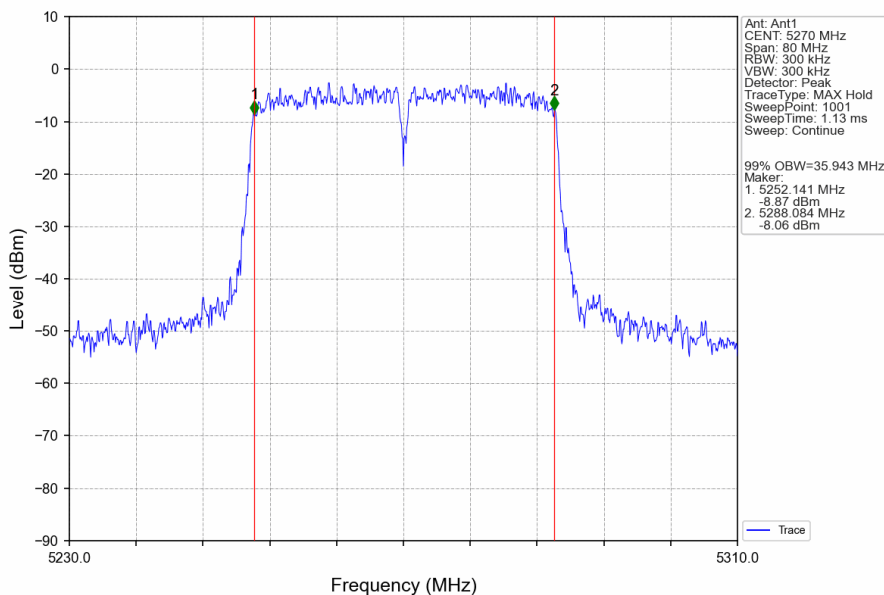
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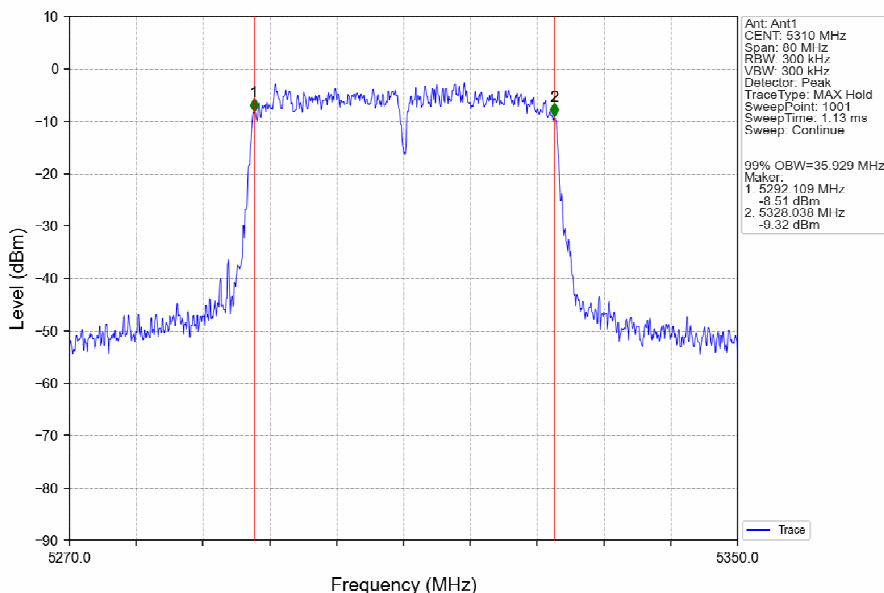
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802.11n(HT40)_LCH_5270MHz_Ant1_NTLV



802.11n(HT40)_HCH_5310MHz_Ant1_NTLV



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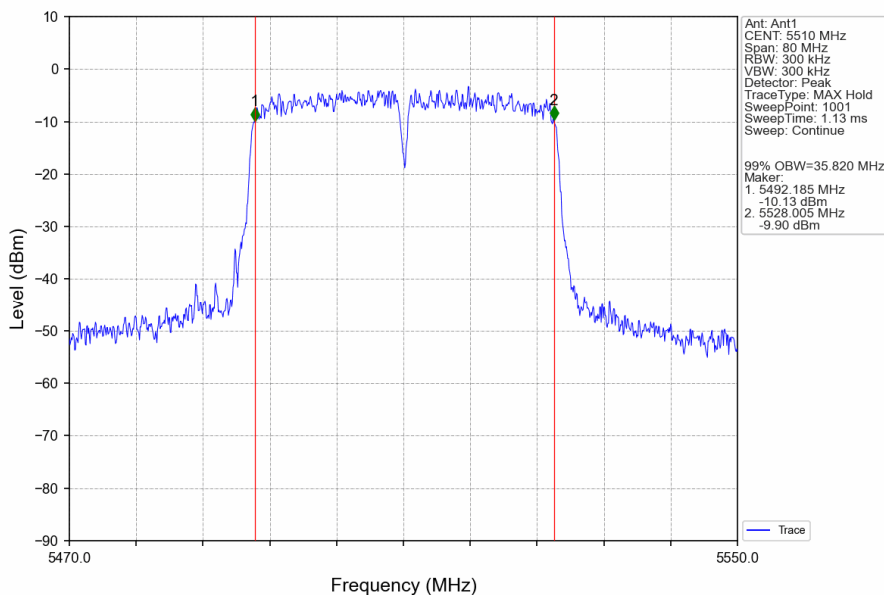
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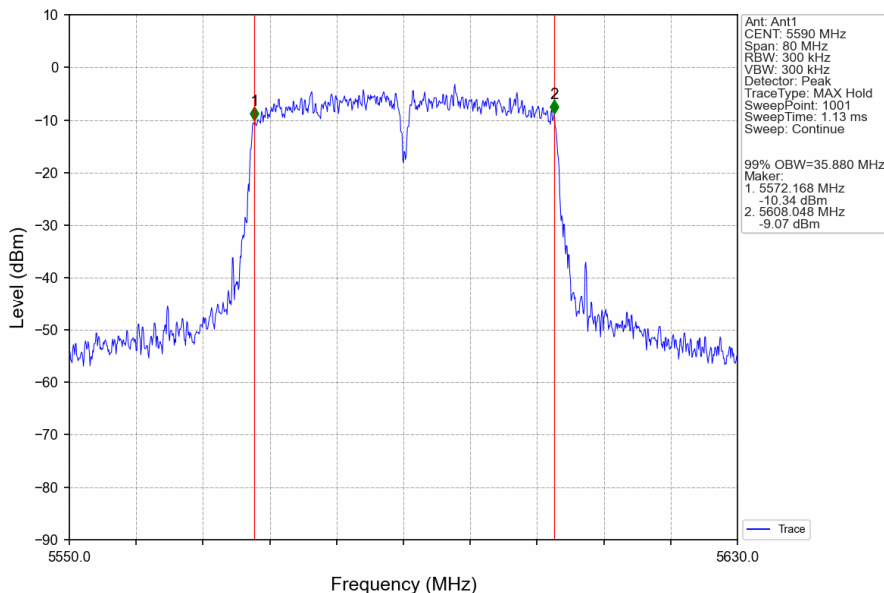
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802.11n(HT40)_LCH_5510MHz_Ant1_NTLV



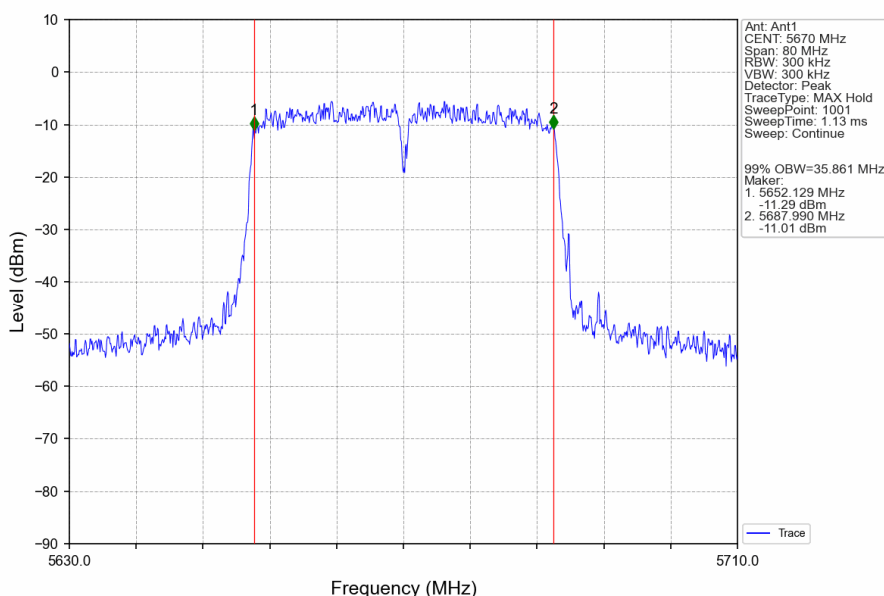
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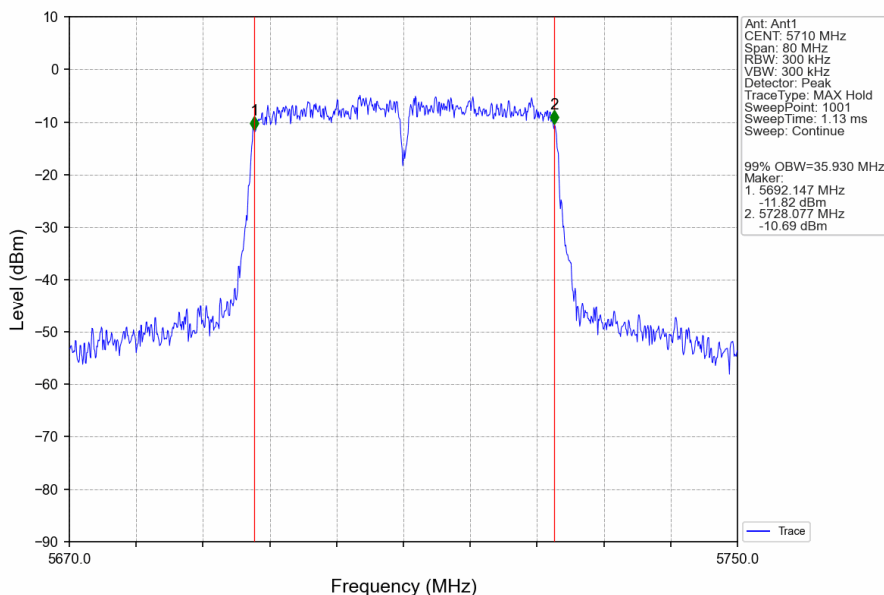
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802.11n(HT40)_HCH_5670MHz_Ant1_NTLV



802.11n(HT40)_HHCH_5710MHz_Ant1_NTLV



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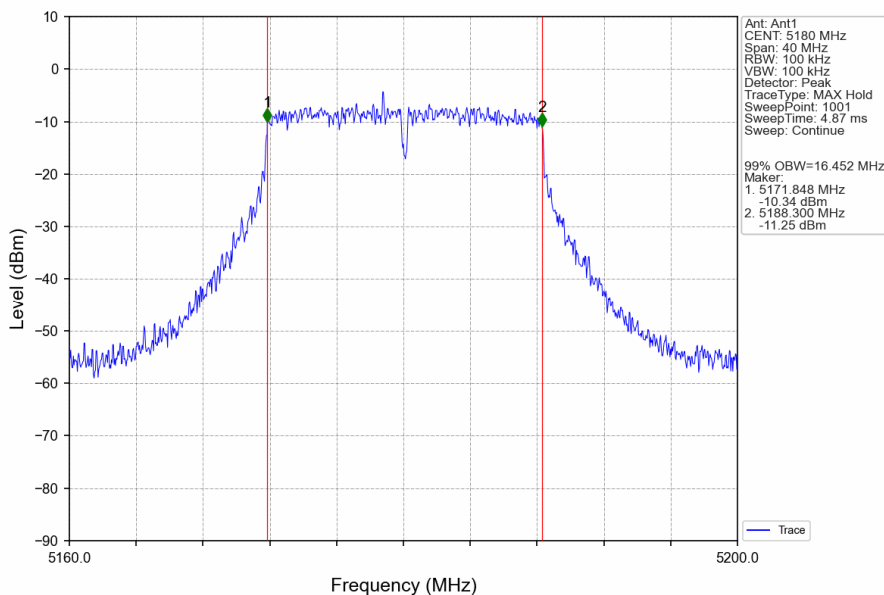
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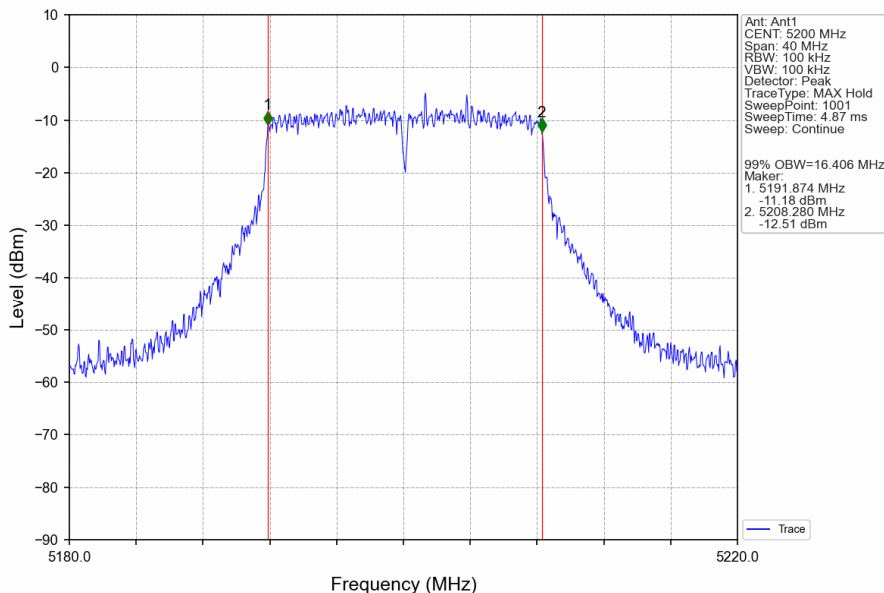
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802.11a_LCH_5180MHz_Ant1_NTHV



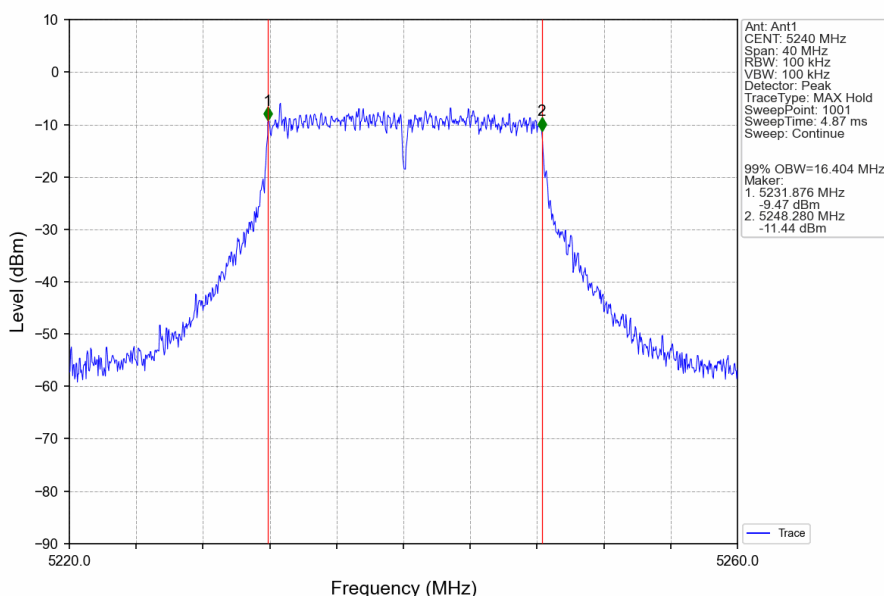
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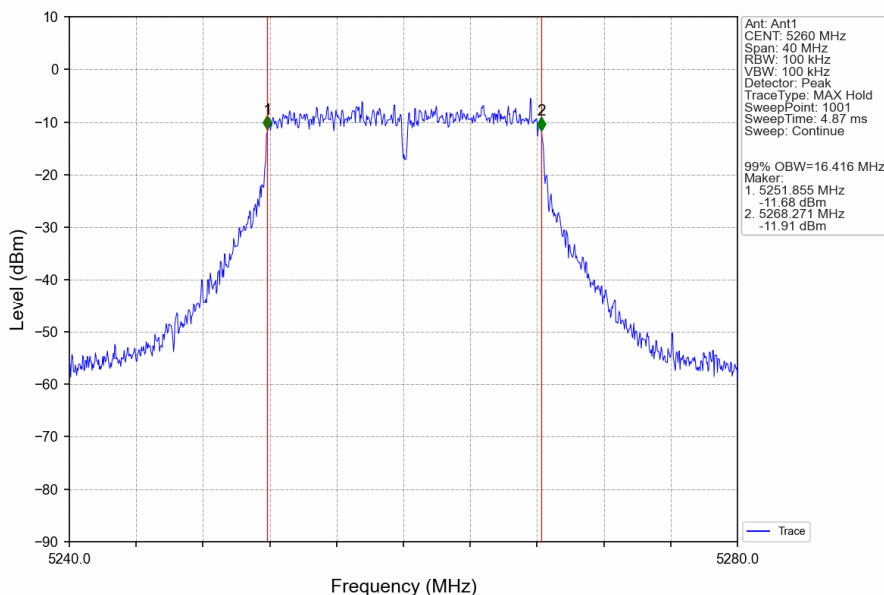
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802.11a_HCH_5240MHz_Ant1_NTHV



802.11a_LCH_5260MHz_Ant1_NTHV



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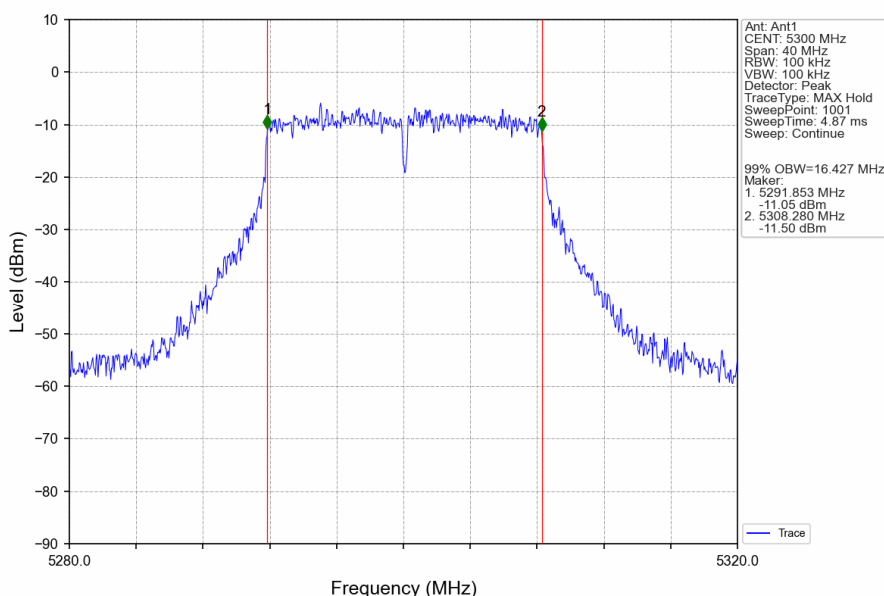
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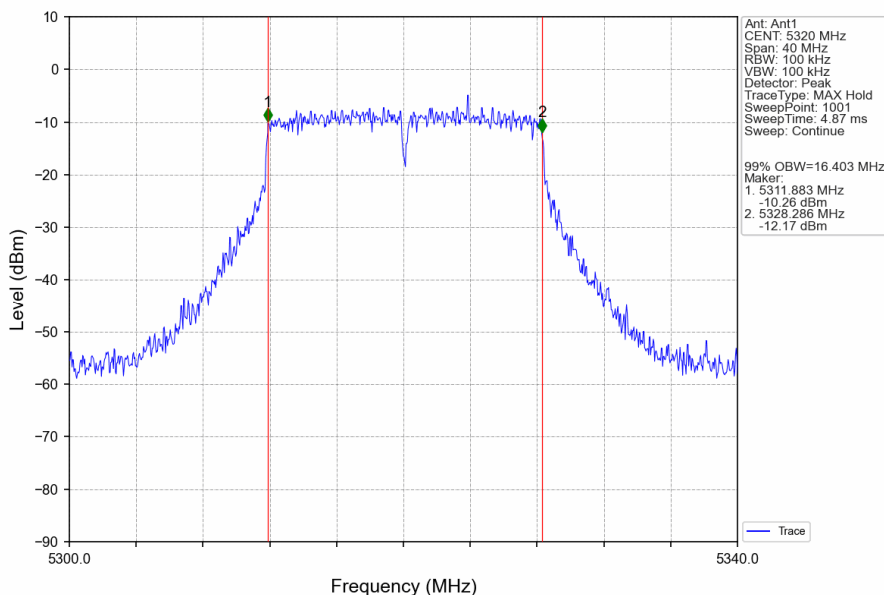
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802.11a_MCH_5300MHz_Ant1_NTHV



802.11a_HCH_5320MHz_Ant1_NTHV



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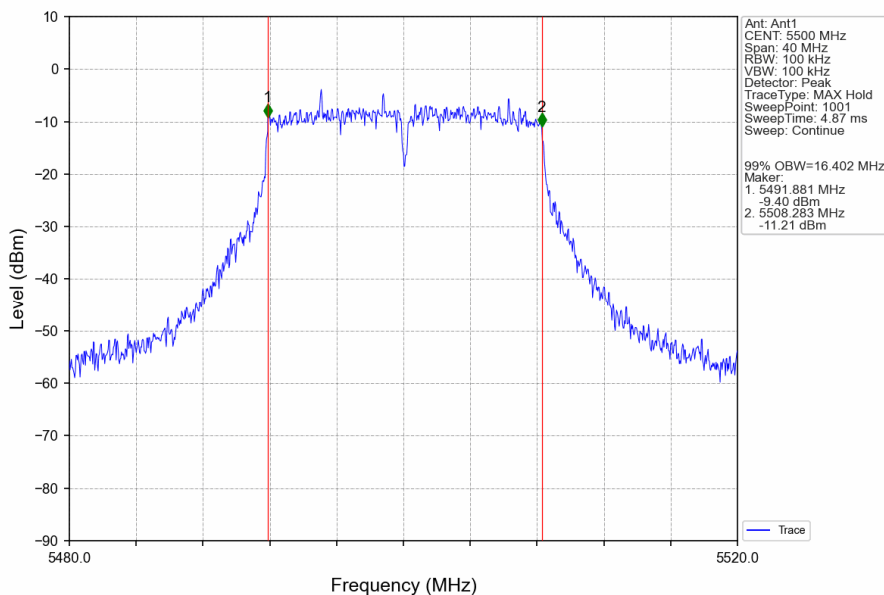
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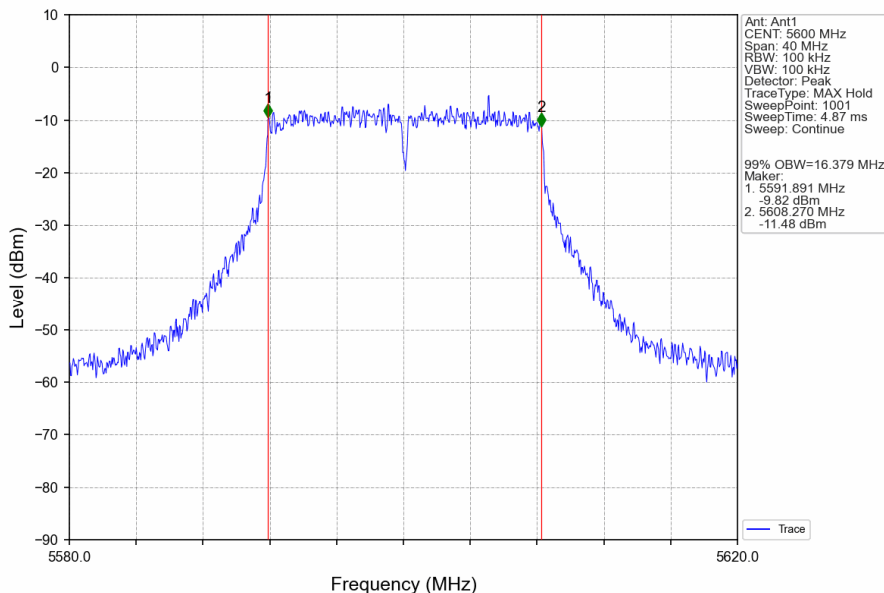
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802.11a_LCH_5500MHz_Ant1_NTHV



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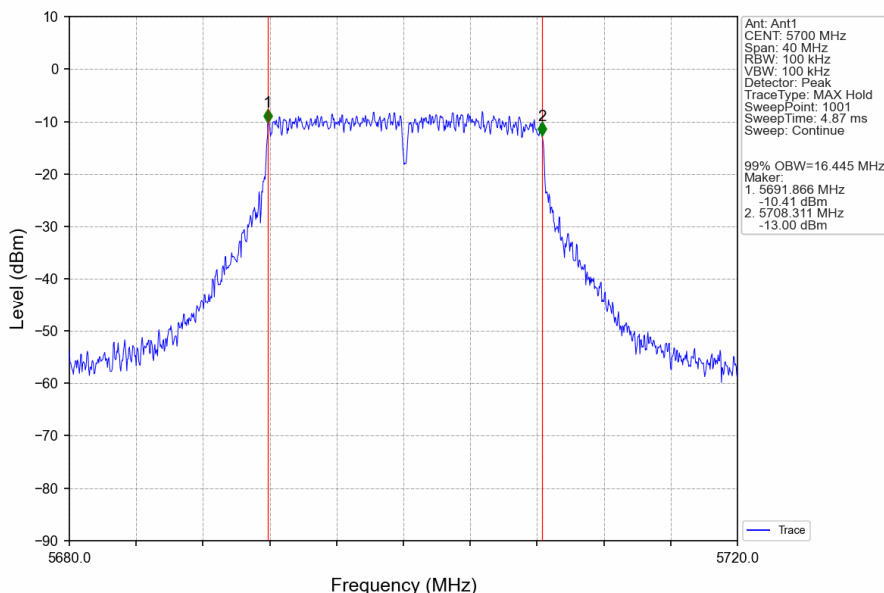
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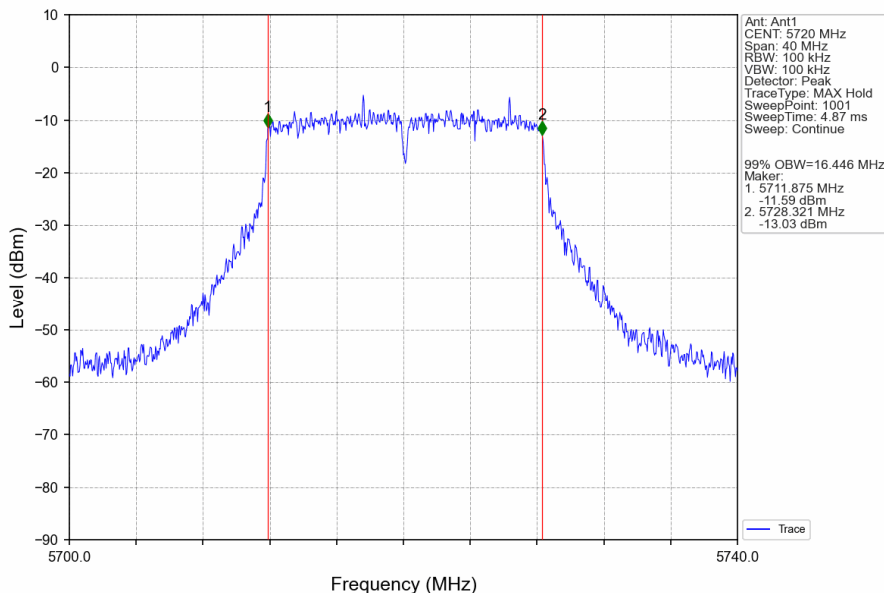
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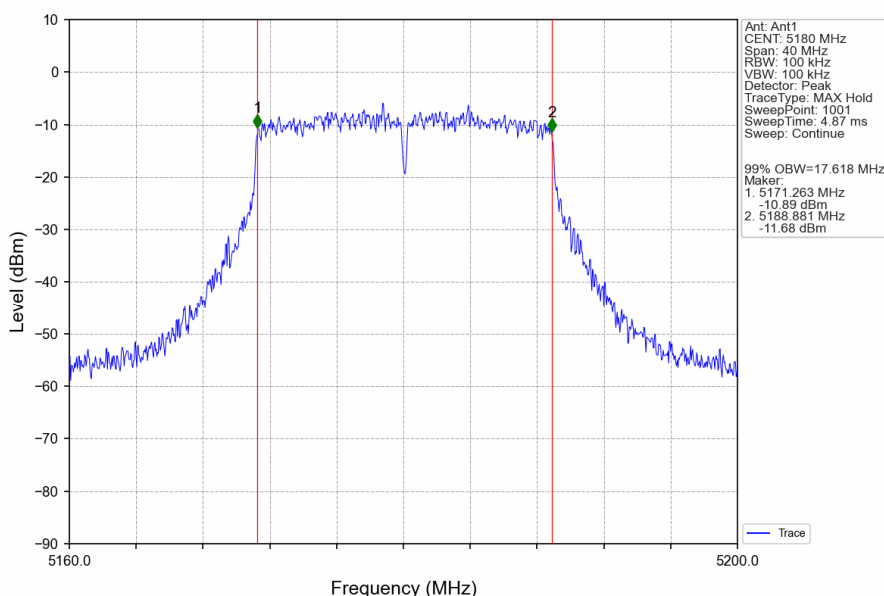
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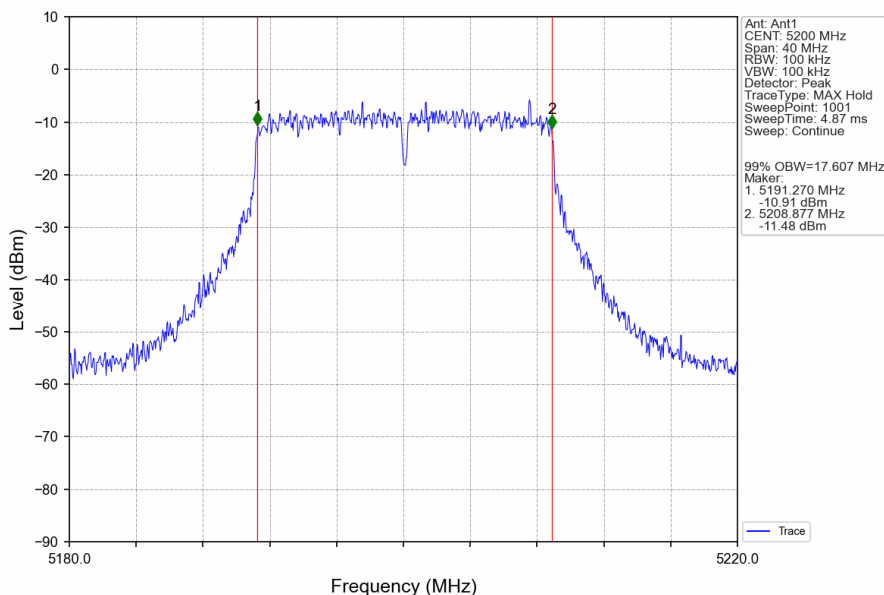
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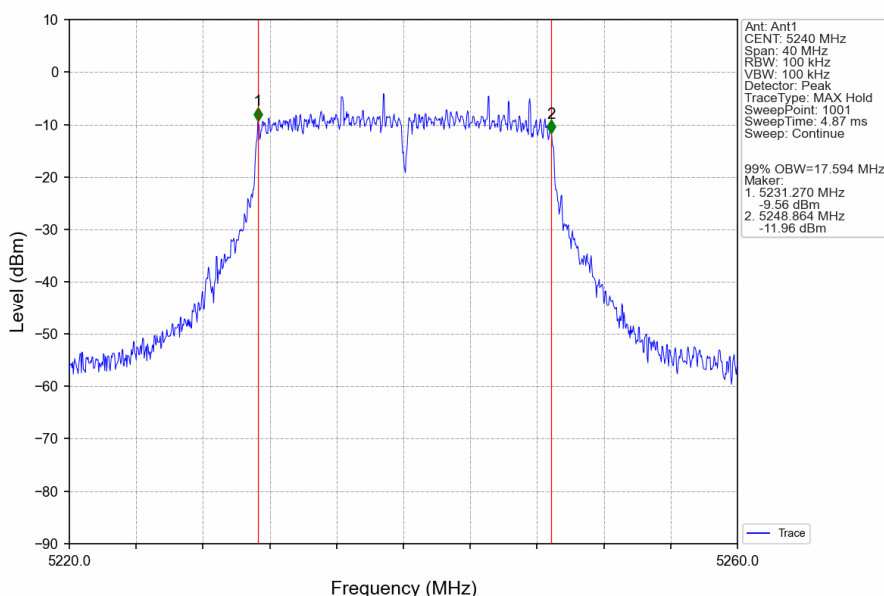
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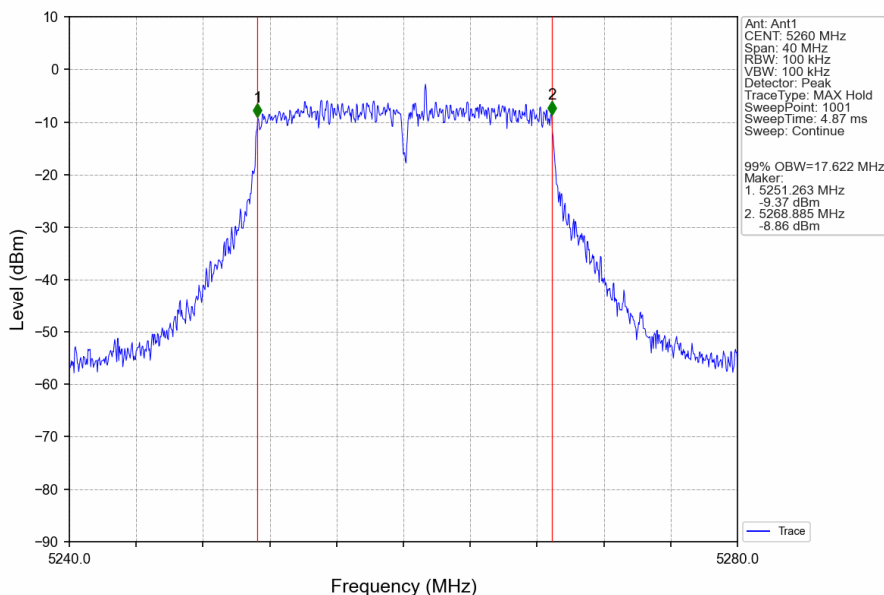
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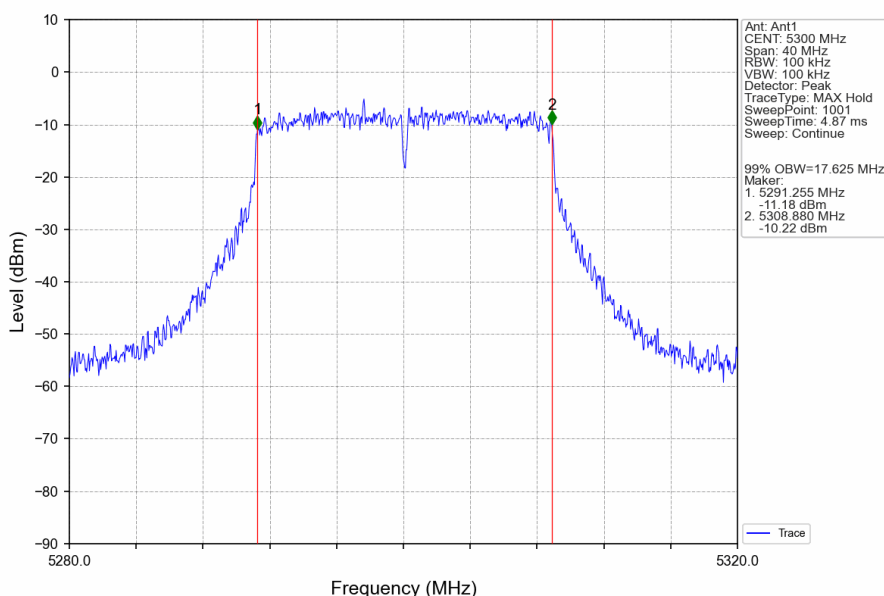
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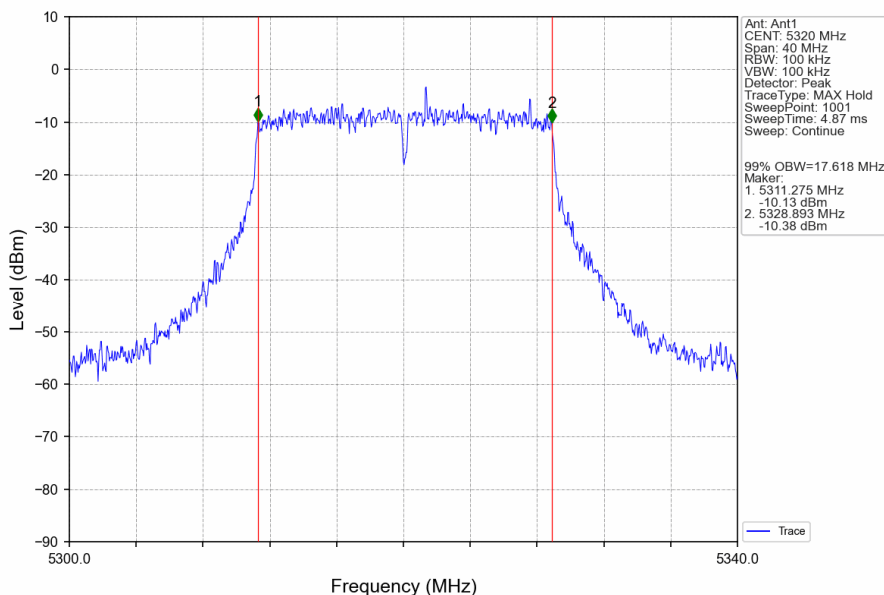
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802.11n(HT20)_MCH_5300MHz_Ant1_NTHV



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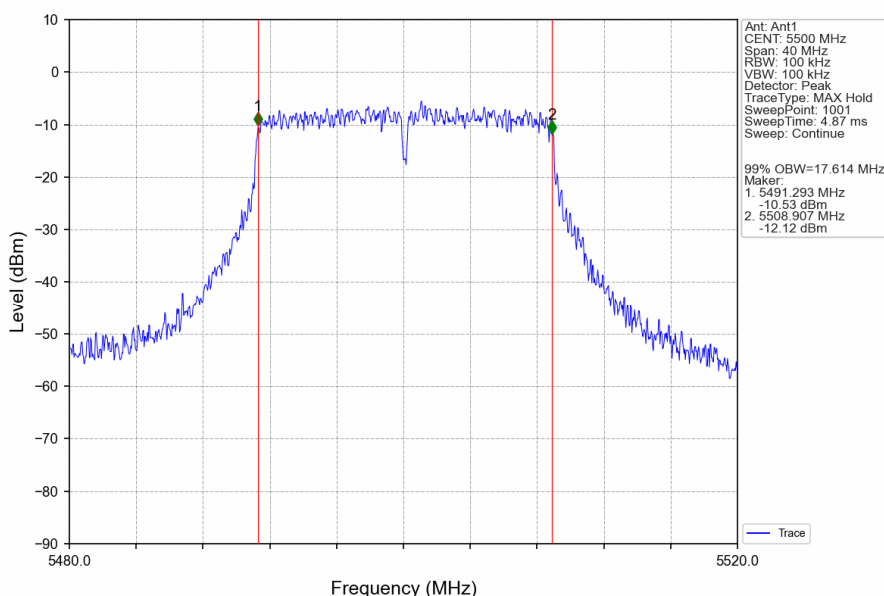
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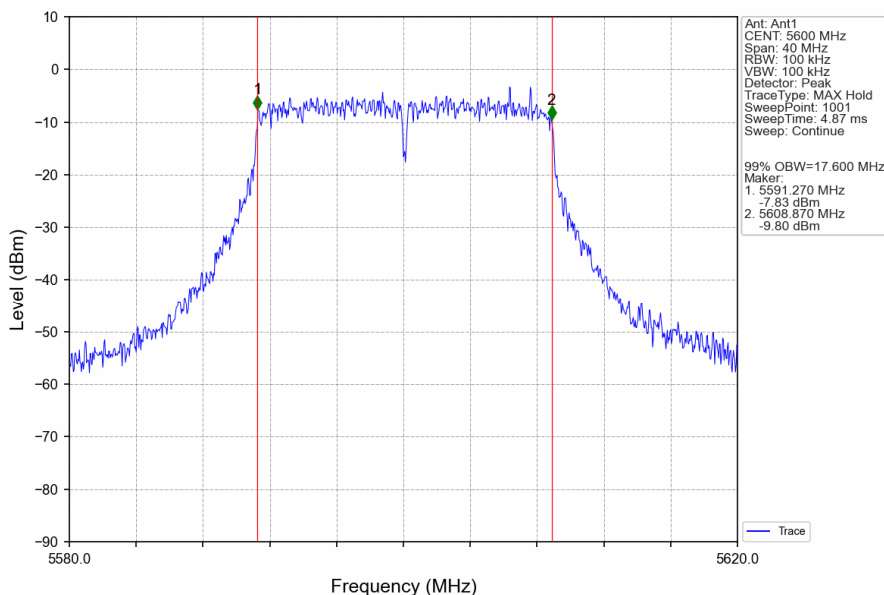
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802.11n(HT20)_LCH_5500MHz_Ant1_NTHV



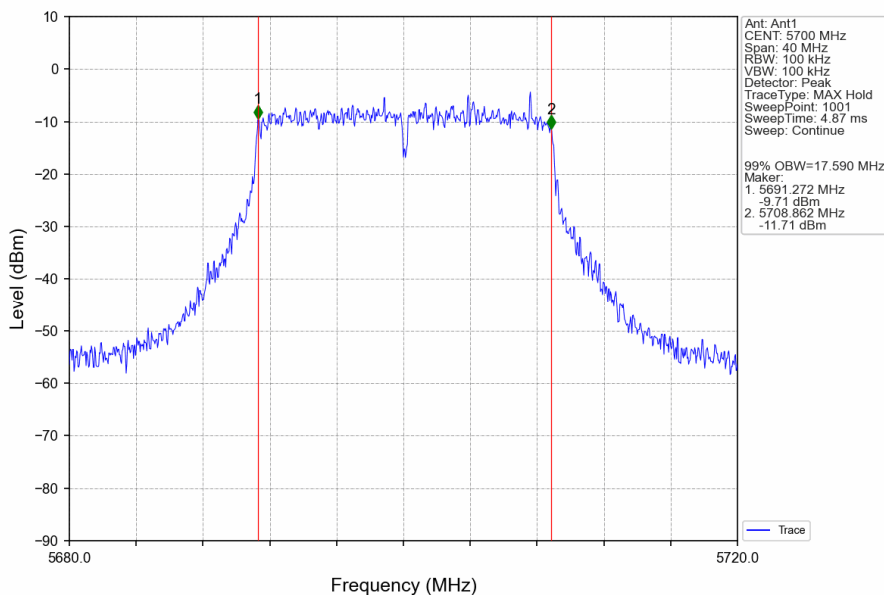
802.11n(HT20)_MCH_5600MHz_Ant1_NTHV



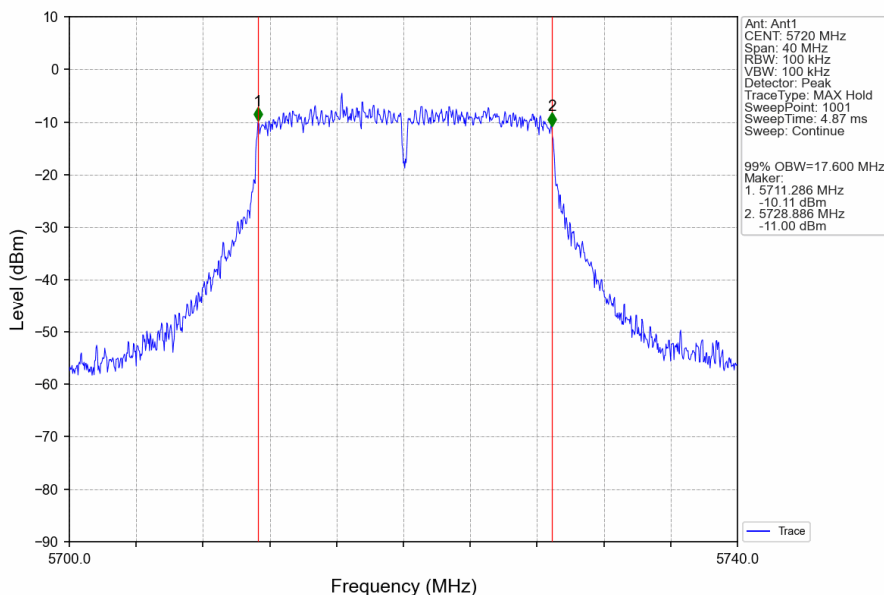
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802.11n(HT20)_HCH_5700MHz_Ant1_NTHV



802.11n(HT20)_HHCH_5720MHz_Ant1_NTHV



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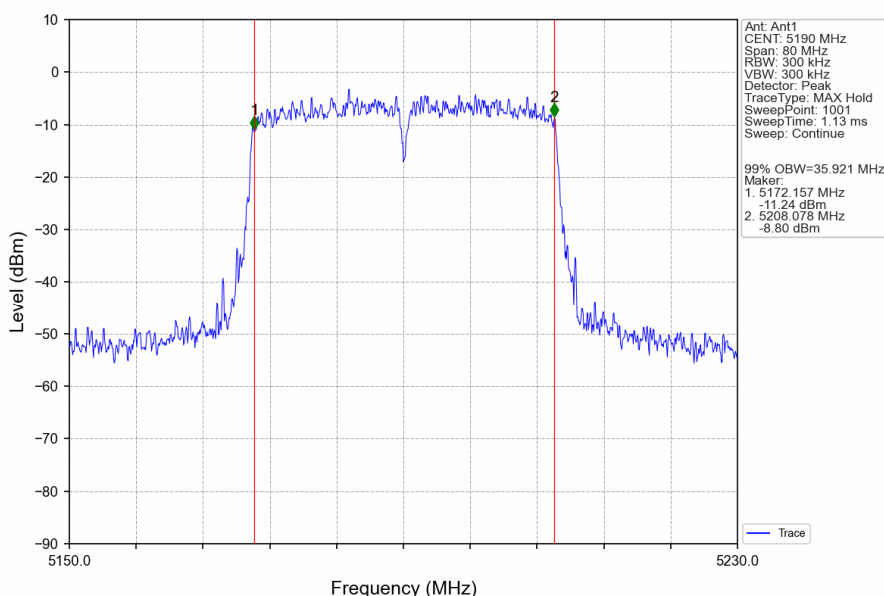
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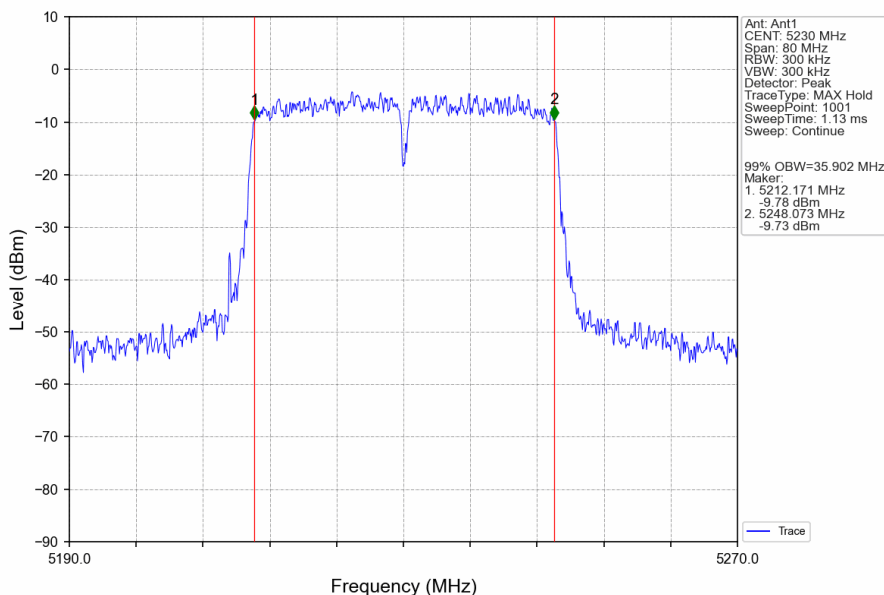
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802.11n(HT40)_LCH_5190MHz_Ant1_NTHV



802.11n(HT40)_HCH_5230MHz_Ant1_NTHV



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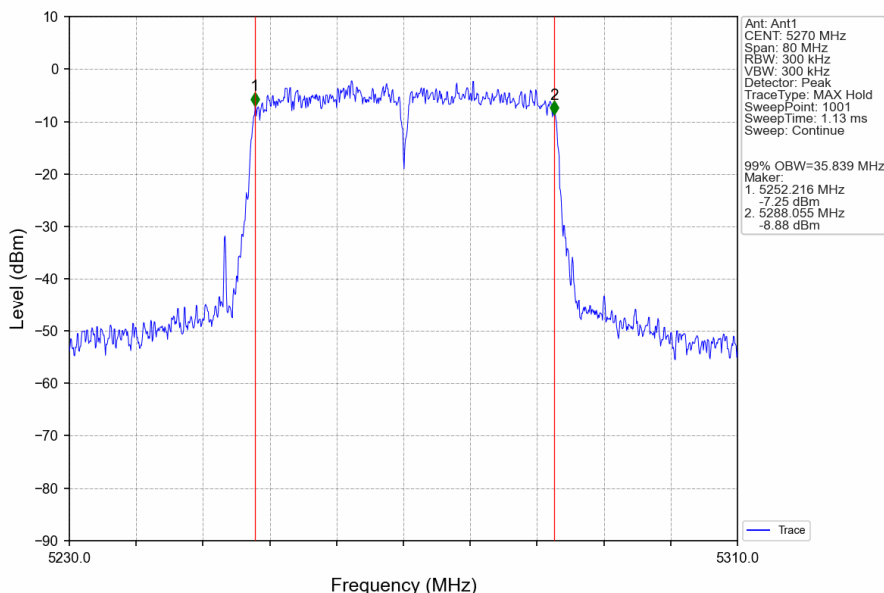
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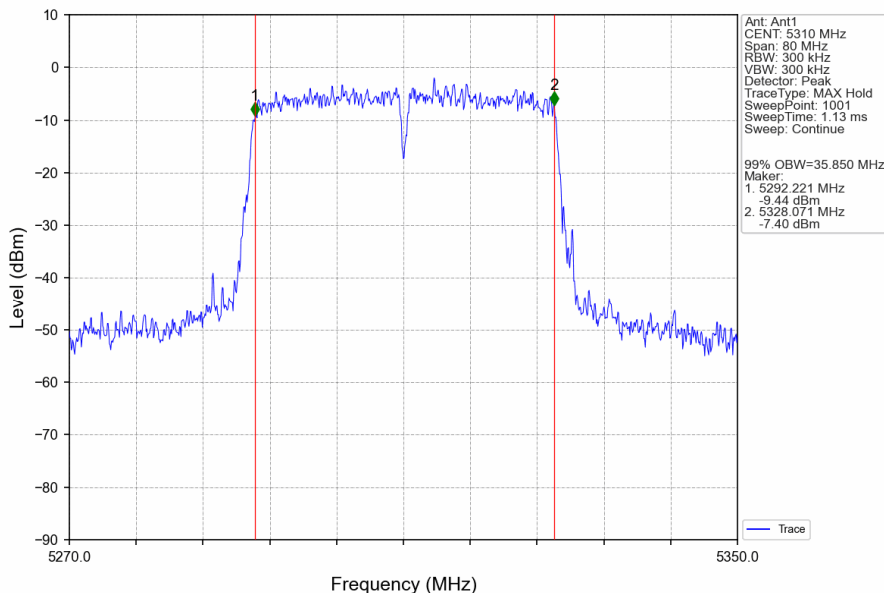
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802.11n(HT40)_LCH_5270MHz_Ant1_NTHV



802.11n(HT40)_HCH_5310MHz_Ant1_NTHV



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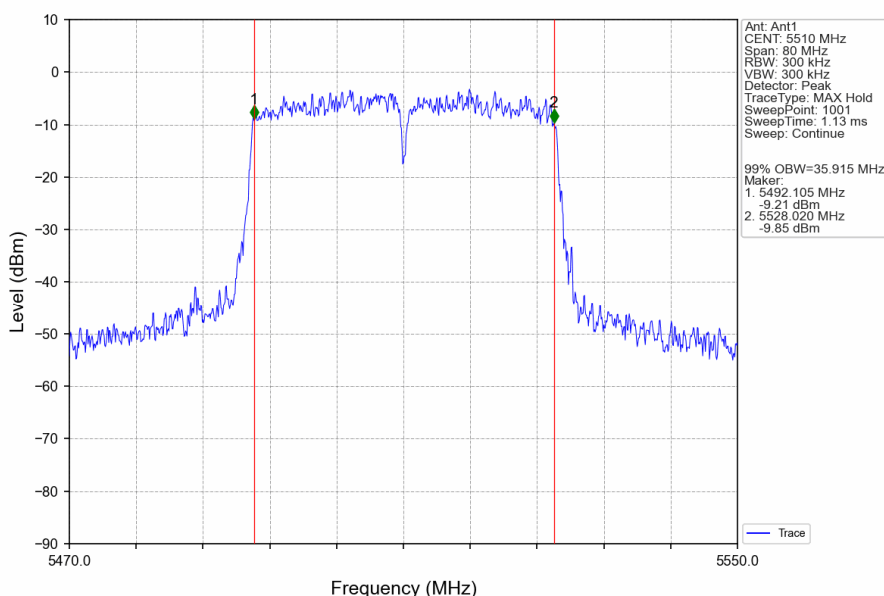
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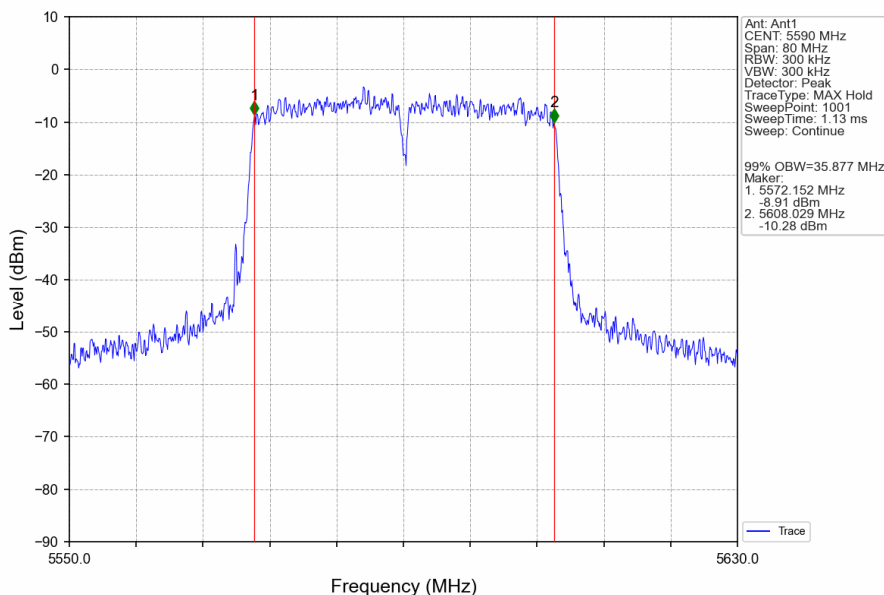
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802.11n(HT40)_LCH_5510MHz_Ant1_NTHV



802.11n(HT40)_MCH_5590MHz_Ant1_NTHV



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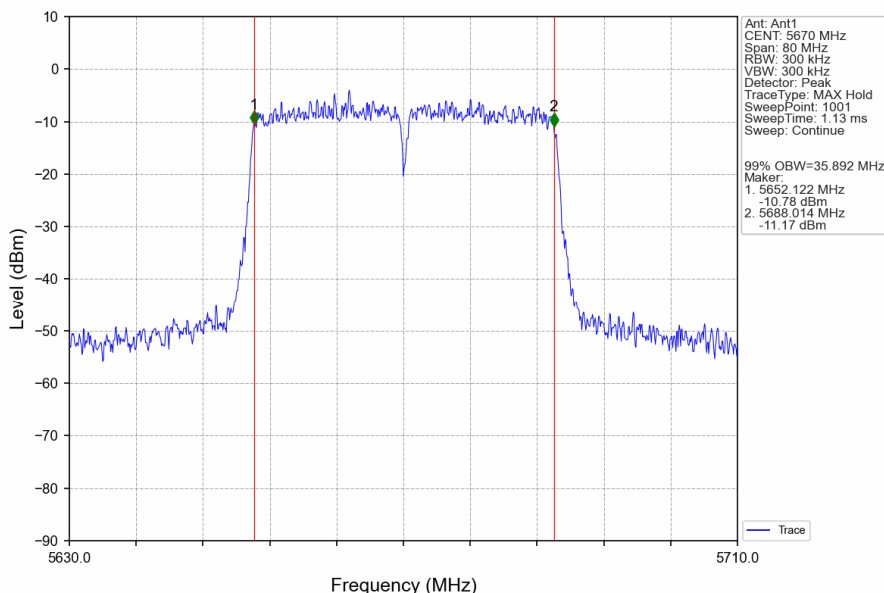
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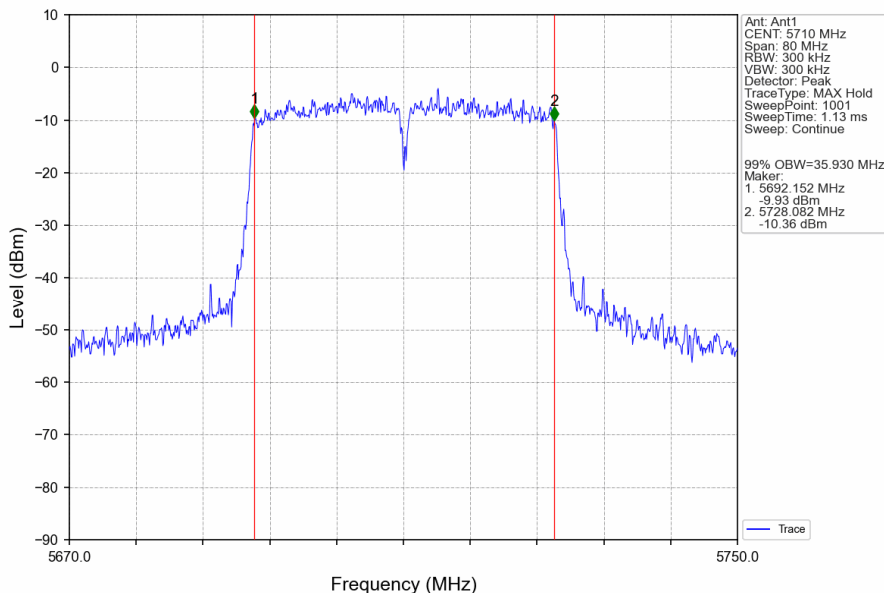
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802.11n(HT40)_HCH_5670MHz_Ant1_NTHV



802.11n(HT40)_HHCH_5710MHz_Ant1_NTHV



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3. Antenna Power

3.1 Test Result

3.1.1 Power_NTNV

NTNV									
Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
				Measured	Limit		Measured	Limit	
802.11a	SISO	5180	1	0.455	<=10.00	0.460	-1.09	-80 to 20	Pass
		5200	1	0.376	<=10.00	0.460	-18.26	-80 to 20	Pass
		5240	1	0.417	<=10.00	0.460	-9.35	-80 to 20	Pass
		5260	1	0.431	<=10.00	0.430	0.23	-80 to 20	Pass
		5300	1	0.413	<=10.00	0.430	-3.95	-80 to 20	Pass
		5320	1	0.402	<=10.00	0.430	-6.51	-80 to 20	Pass
		5500	1	0.440	<=10.00	0.440	0.00	-50 to 50	Pass
		5600	1	0.362	<=10.00	0.440	-17.73	-50 to 50	Pass
		5700	1	0.332	<=10.00	0.440	-24.55	-50 to 50	Pass
		5720	1	0.342	<=10.00	0.440	-22.27	-50 to 50	Pass
802.11n (HT20)	SISO	5180	1	0.407	<=10.00	0.410	-0.73	-80 to 20	Pass
		5200	1	0.386	<=10.00	0.410	-5.85	-80 to 20	Pass
		5240	1	0.419	<=10.00	0.410	2.20	-80 to 20	Pass
		5260	1	0.541	<=10.00	0.540	0.19	-80 to 20	Pass
		5300	1	0.440	<=10.00	0.540	-18.52	-80 to 20	Pass
		5320	1	0.418	<=10.00	0.540	-22.59	-80 to 20	Pass
		5500	1	0.474	<=10.00	0.470	0.85	-50 to 50	Pass
		5600	1	0.630	<=10.00	0.470	34.04	-50 to 50	Pass
		5700	1	0.421	<=10.00	0.470	-10.43	-50 to 50	Pass
		5720	1	0.429	<=10.00	0.470	-8.72	-50 to 50	Pass
802.11n (HT40)	SISO	5190	1	0.213	<=5.00	0.210	1.43	-80 to 20	Pass
		5230	1	0.242	<=5.00	0.210	15.24	-80 to 20	Pass
		5270	1	0.307	<=5.00	0.310	-0.97	-80 to 20	Pass
		5310	1	0.276	<=5.00	0.310	-10.97	-80 to 20	Pass
		5510	1	0.285	<=5.00	0.290	-1.72	-50 to 50	Pass
		5590	1	0.235	<=5.00	0.290	-18.97	-50 to 50	Pass
		5670	1	0.190	<=5.00	0.290	-34.48	-50 to 50	Pass
		5710	1	0.214	<=5.00	0.290	-26.21	-50 to 50	Pass

3.1.2 Power_NTLV

NTLV									
Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
				Measured	Limit		Measured	Limit	
802.11a	SISO	5180	1	0.449	<=10.00	0.460	-2.39	-80 to 20	Pass
		5200	1	0.376	<=10.00	0.460	-18.26	-80 to 20	Pass
		5240	1	0.397	<=10.00	0.460	-13.70	-80 to 20	Pass
		5260	1	0.435	<=10.00	0.430	1.16	-80 to 20	Pass
		5300	1	0.401	<=10.00	0.430	-6.74	-80 to 20	Pass
		5320	1	0.398	<=10.00	0.430	-7.44	-80 to 20	Pass
		5500	1	0.434	<=10.00	0.440	-1.36	-50 to 50	Pass
		5600	1	0.362	<=10.00	0.440	-17.73	-50 to 50	Pass
		5700	1	0.329	<=10.00	0.440	-25.23	-50 to 50	Pass
		5720	1	0.339	<=10.00	0.440	-22.95	-50 to 50	Pass
802.11n (HT20)	SISO	5180	1	0.397	<=10.00	0.410	-3.17	-80 to 20	Pass
		5200	1	0.404	<=10.00	0.410	-1.46	-80 to 20	Pass
		5240	1	0.375	<=10.00	0.410	-8.54	-80 to 20	Pass
		5260	1	0.539	<=10.00	0.540	-0.19	-80 to 20	Pass
		5300	1	0.442	<=10.00	0.540	-18.15	-80 to 20	Pass
		5320	1	0.423	<=10.00	0.540	-21.67	-80 to 20	Pass
		5500	1	0.469	<=10.00	0.470	-0.21	-50 to 50	Pass
		5600	1	0.618	<=10.00	0.470	31.49	-50 to 50	Pass
		5700	1	0.419	<=10.00	0.470	-10.85	-50 to 50	Pass
		5720	1	0.423	<=10.00	0.470	-10.00	-50 to 50	Pass
802.11n (HT40)	SISO	5190	1	0.220	<=5.00	0.210	4.76	-80 to 20	Pass
		5230	1	0.239	<=5.00	0.210	13.81	-80 to 20	Pass
		5270	1	0.331	<=5.00	0.310	6.77	-80 to 20	Pass
		5310	1	0.262	<=5.00	0.310	-15.48	-80 to 20	Pass
		5510	1	0.282	<=5.00	0.290	-2.76	-50 to 50	Pass
		5590	1	0.260	<=5.00	0.290	-10.34	-50 to 50	Pass
		5670	1	0.185	<=5.00	0.290	-36.21	-50 to 50	Pass
		5710	1	0.218	<=5.00	0.290	-24.83	-50 to 50	Pass



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3.1.3 Power_NTHV

NTHV									
Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
				Measured	Limit		Measured	Limit	
802.11a	SISO	5180	1	0.443	<=10.00	0.460	-3.70	-80 to 20	Pass
		5200	1	0.378	<=10.00	0.460	-17.83	-80 to 20	Pass
		5240	1	0.397	<=10.00	0.460	-13.70	-80 to 20	Pass
		5260	1	0.432	<=10.00	0.430	0.47	-80 to 20	Pass
		5300	1	0.401	<=10.00	0.430	-6.74	-80 to 20	Pass
		5320	1	0.396	<=10.00	0.430	-7.91	-80 to 20	Pass
		5500	1	0.437	<=10.00	0.440	-0.68	-50 to 50	Pass
		5600	1	0.356	<=10.00	0.440	-19.09	-50 to 50	Pass
		5700	1	0.331	<=10.00	0.440	-24.77	-50 to 50	Pass
		5720	1	0.350	<=10.00	0.440	-20.45	-50 to 50	Pass
802.11n (HT20)	SISO	5180	1	0.404	<=10.00	0.410	-1.46	-80 to 20	Pass
		5200	1	0.407	<=10.00	0.410	-0.73	-80 to 20	Pass
		5240	1	0.414	<=10.00	0.410	0.98	-80 to 20	Pass
		5260	1	0.546	<=10.00	0.540	1.11	-80 to 20	Pass
		5300	1	0.423	<=10.00	0.540	-21.67	-80 to 20	Pass
		5320	1	0.422	<=10.00	0.540	-21.85	-80 to 20	Pass
		5500	1	0.466	<=10.00	0.470	-0.85	-50 to 50	Pass
		5600	1	0.586	<=10.00	0.470	24.68	-50 to 50	Pass
		5700	1	0.404	<=10.00	0.470	-14.04	-50 to 50	Pass
		5720	1	0.412	<=10.00	0.470	-12.34	-50 to 50	Pass
802.11n (HT40)	SISO	5190	1	0.216	<=5.00	0.210	2.86	-80 to 20	Pass
		5230	1	0.237	<=5.00	0.210	12.86	-80 to 20	Pass
		5270	1	0.332	<=5.00	0.310	7.10	-80 to 20	Pass
		5310	1	0.265	<=5.00	0.310	-14.52	-80 to 20	Pass
		5510	1	0.287	<=5.00	0.290	-1.03	-50 to 50	Pass
		5590	1	0.257	<=5.00	0.290	-11.38	-50 to 50	Pass
		5670	1	0.190	<=5.00	0.290	-34.48	-50 to 50	Pass
		5710	1	0.219	<=5.00	0.290	-24.48	-50 to 50	Pass



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3.1.4 EIRP_NTNV

NTNV							
Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	EIRP (mW/MHz)		Verdict
					Result	Limit	
802.11a	SISO	5180	1	2.90	0.89	<=10	Pass
		5200	1	2.90	0.73	<=10	Pass
		5240	1	2.90	0.81	<=10	Pass
		5260	1	2.90	0.84	<=10	Pass
		5300	1	2.90	0.81	<=10	Pass
		5320	1	2.90	0.78	<=10	Pass
		5500	1	2.90	0.86	<=50	Pass
		5600	1	2.90	0.71	<=50	Pass
		5700	1	2.90	0.65	<=50	Pass
		5720	1	2.90	0.67	<=50	Pass
802.11n (HT20)	SISO	5180	1	2.90	0.79	<=10	Pass
		5200	1	2.90	0.75	<=10	Pass
		5240	1	2.90	0.82	<=10	Pass
		5260	1	2.90	1.05	<=10	Pass
		5300	1	2.90	0.86	<=10	Pass
		5320	1	2.90	0.81	<=10	Pass
		5500	1	2.90	0.92	<=50	Pass
		5600	1	2.90	1.23	<=50	Pass
		5700	1	2.90	0.82	<=50	Pass
		5720	1	2.90	0.84	<=50	Pass
802.11n (HT40)	SISO	5190	1	2.90	0.41	<=5	Pass
		5230	1	2.90	0.47	<=5	Pass
		5270	1	2.90	0.60	<=5	Pass
		5310	1	2.90	0.54	<=5	Pass
		5510	1	2.90	0.56	<=25	Pass
		5590	1	2.90	0.46	<=25	Pass
		5670	1	2.90	0.37	<=25	Pass
		5710	1	2.90	0.42	<=25	Pass



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3.1.5 EIRP_NTLV

NTLV							
Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	EIRP (mW/MHz)		Verdict
					Result	Limit	
802.11a	SISO	5180	1	2.90	0.88	<=10	Pass
		5200	1	2.90	0.73	<=10	Pass
		5240	1	2.90	0.77	<=10	Pass
		5260	1	2.90	0.85	<=10	Pass
		5300	1	2.90	0.78	<=10	Pass
		5320	1	2.90	0.78	<=10	Pass
		5500	1	2.90	0.85	<=50	Pass
		5600	1	2.90	0.71	<=50	Pass
		5700	1	2.90	0.64	<=50	Pass
		5720	1	2.90	0.66	<=50	Pass
802.11n (HT20)	SISO	5180	1	2.90	0.77	<=10	Pass
		5200	1	2.90	0.79	<=10	Pass
		5240	1	2.90	0.73	<=10	Pass
		5260	1	2.90	1.05	<=10	Pass
		5300	1	2.90	0.86	<=10	Pass
		5320	1	2.90	0.82	<=10	Pass
		5500	1	2.90	0.91	<=50	Pass
		5600	1	2.90	1.21	<=50	Pass
		5700	1	2.90	0.82	<=50	Pass
		5720	1	2.90	0.82	<=50	Pass
802.11n (HT40)	SISO	5190	1	2.90	0.43	<=5	Pass
		5230	1	2.90	0.47	<=5	Pass
		5270	1	2.90	0.65	<=5	Pass
		5310	1	2.90	0.51	<=5	Pass
		5510	1	2.90	0.55	<=25	Pass
		5590	1	2.90	0.51	<=25	Pass
		5670	1	2.90	0.36	<=25	Pass
		5710	1	2.90	0.42	<=25	Pass



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3.1.6 EIRP_NTHV

NTHV							
Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	EIRP (mW/MHz)		Verdict
					Result	Limit	
802.11a	SISO	5180	1	2.90	0.86	<=10	Pass
		5200	1	2.90	0.74	<=10	Pass
		5240	1	2.90	0.77	<=10	Pass
		5260	1	2.90	0.84	<=10	Pass
		5300	1	2.90	0.78	<=10	Pass
		5320	1	2.90	0.77	<=10	Pass
		5500	1	2.90	0.85	<=50	Pass
		5600	1	2.90	0.69	<=50	Pass
		5700	1	2.90	0.65	<=50	Pass
		5720	1	2.90	0.68	<=50	Pass
802.11n (HT20)	SISO	5180	1	2.90	0.79	<=10	Pass
		5200	1	2.90	0.79	<=10	Pass
		5240	1	2.90	0.81	<=10	Pass
		5260	1	2.90	1.06	<=10	Pass
		5300	1	2.90	0.82	<=10	Pass
		5320	1	2.90	0.82	<=10	Pass
		5500	1	2.90	0.91	<=50	Pass
		5600	1	2.90	1.14	<=50	Pass
		5700	1	2.90	0.79	<=50	Pass
		5720	1	2.90	0.80	<=50	Pass
802.11n (HT40)	SISO	5190	1	2.90	0.42	<=5	Pass
		5230	1	2.90	0.46	<=5	Pass
		5270	1	2.90	0.65	<=5	Pass
		5310	1	2.90	0.52	<=5	Pass
		5510	1	2.90	0.56	<=25	Pass
		5590	1	2.90	0.50	<=25	Pass
		5670	1	2.90	0.37	<=25	Pass
		5710	1	2.90	0.43	<=25	Pass



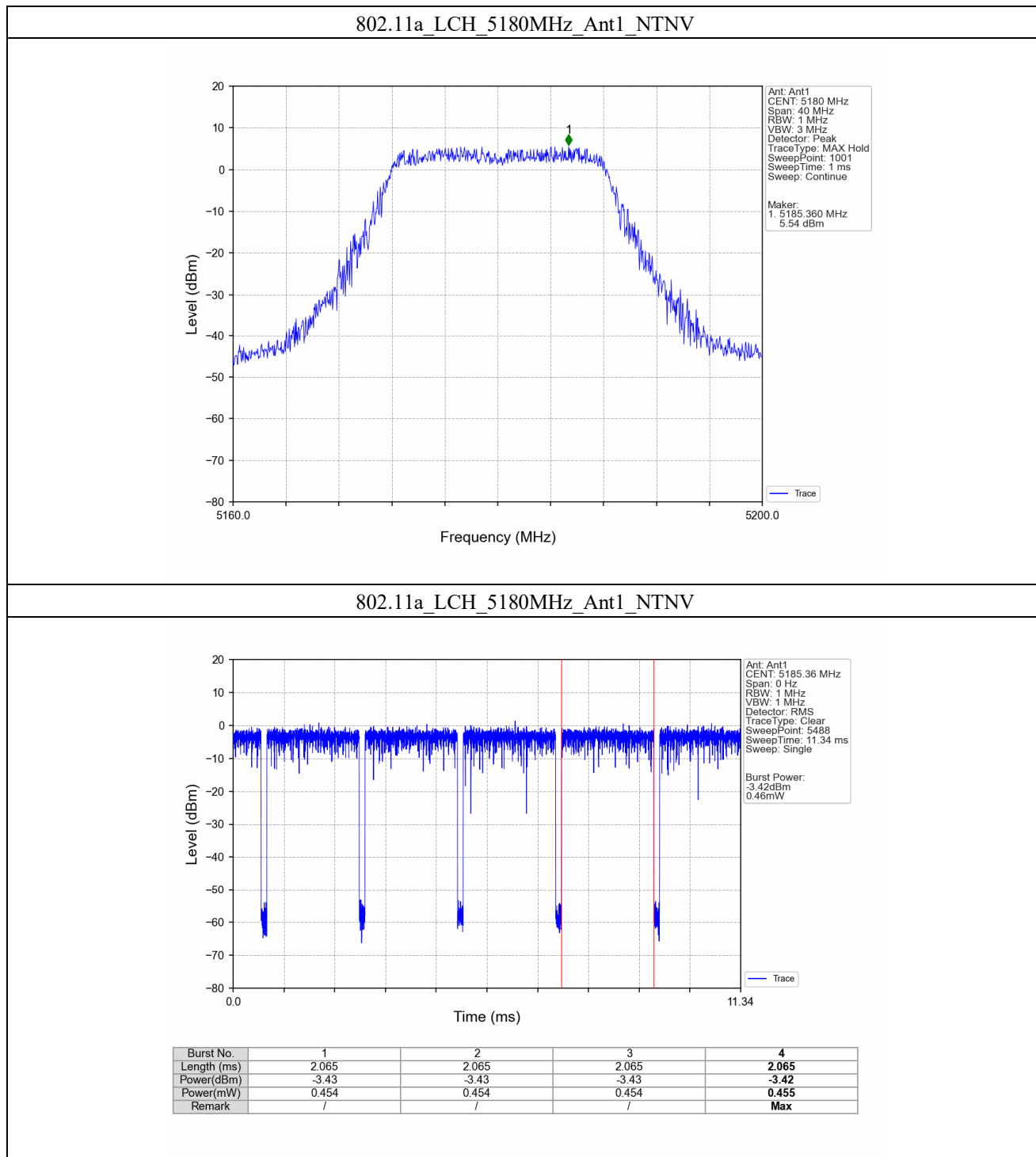
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3.2 Test Graph

3.2.1 Power_NTNV



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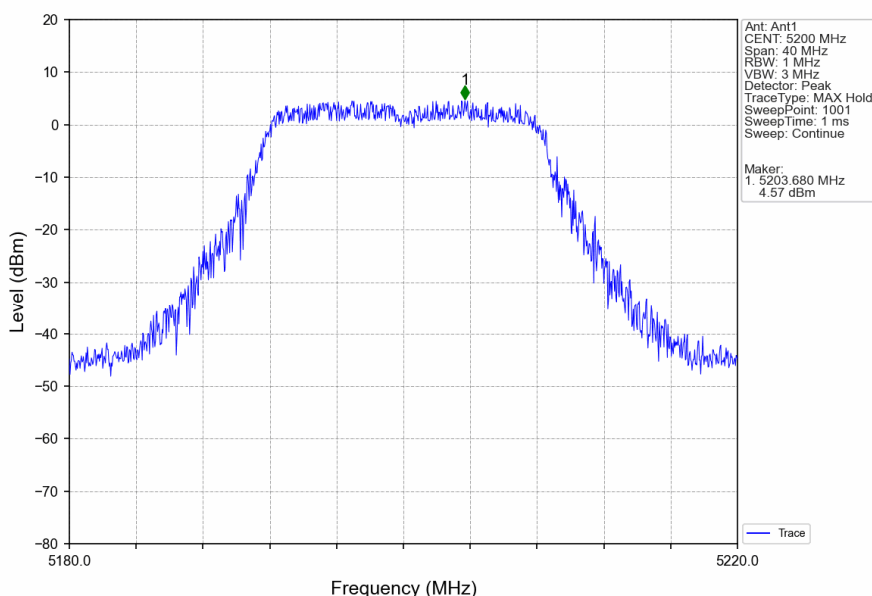
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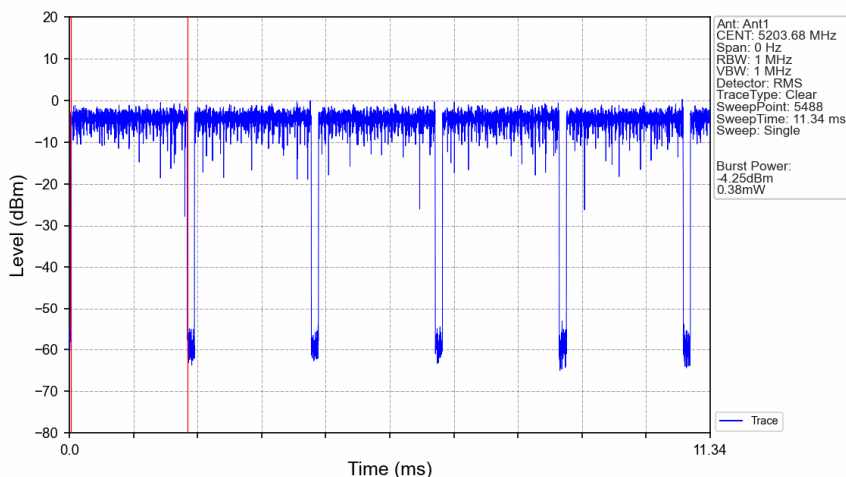
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802.11a_MCH_5200MHz_Ant1_NTNV

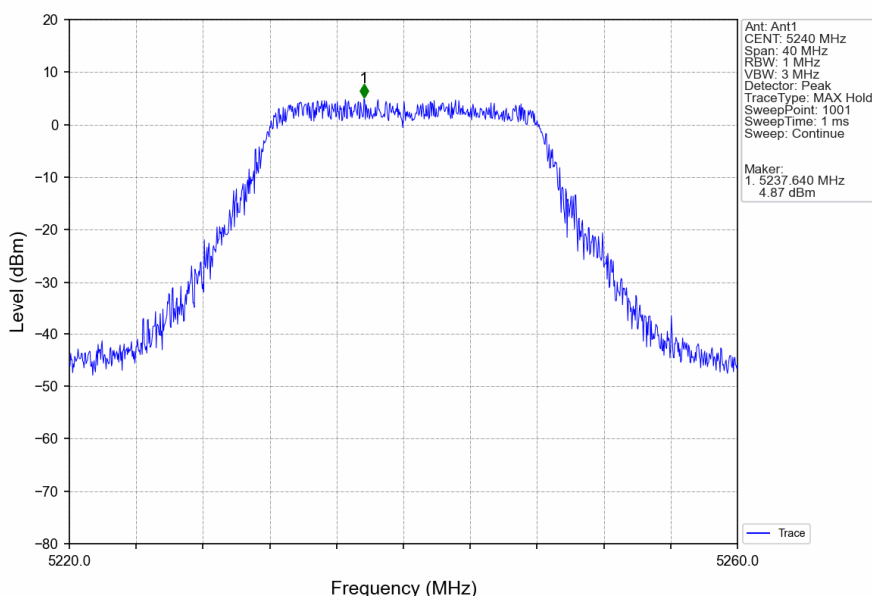


802.11a_MCH_5200MHz_Ant1_NTNV

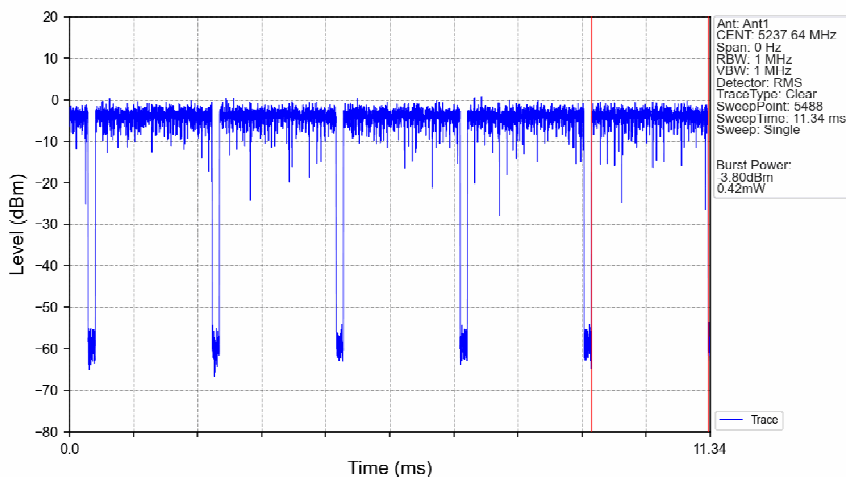


Burst No.	1	2	3	4	5
Length (ms)	2.065	2.065	2.067	2.065	2.065
Power (dBm)	-4.25	-4.25	-4.25	-4.26	-4.26
Power (mW)	0.376	0.376	0.375	0.375	0.375
Remark	Max	/	/	/	/

802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	2.065	2.067	2.065	2.065	2.065
Power(dBm)	-3.81	-3.81	-3.80	-3.80	-3.80
Power(mW)	0.416	0.416	0.417	0.416	0.417
Remark	/	/	/	/	Max



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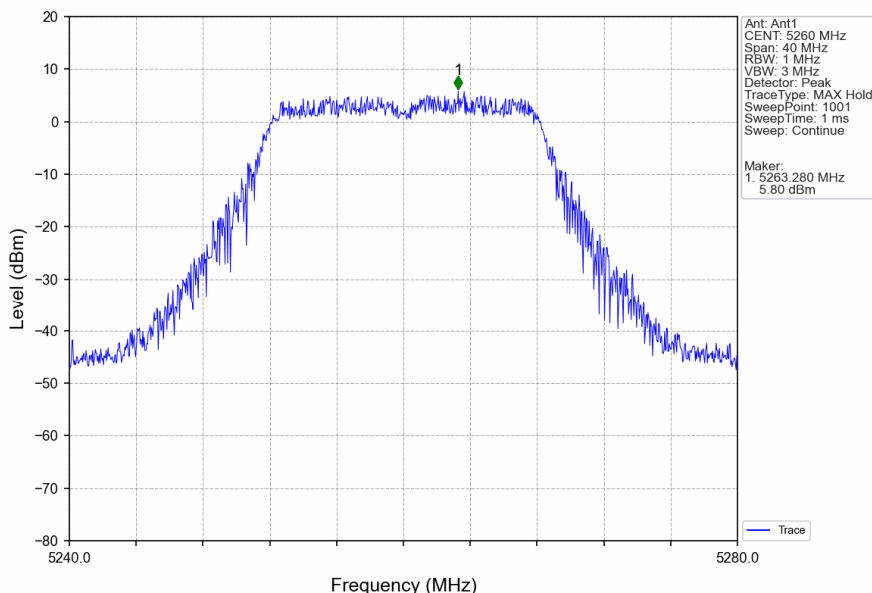
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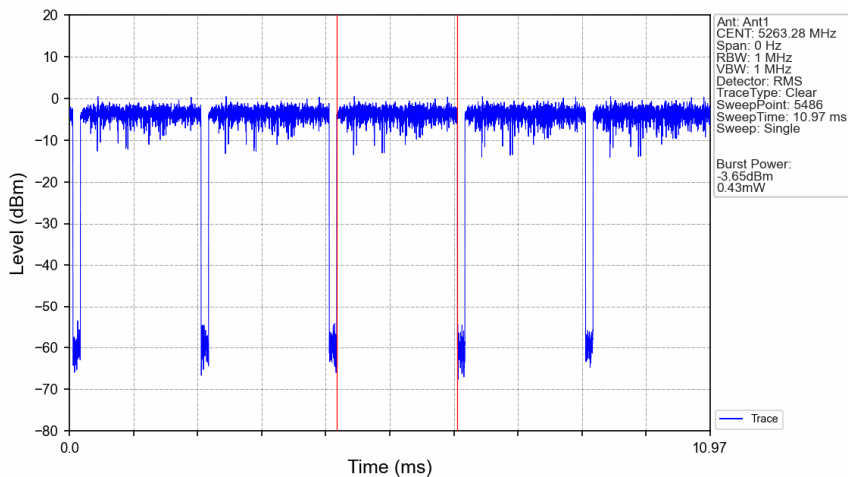
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802.11a_LCH_5260MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



Burst No.	1	2	3	4
Length (ms)	2.064	2.064	2.064	2.064
Power(dBm)	-3.66	-3.65	-3.65	-3.66
Power(mW)	0.430	0.431	0.431	0.431
Remark	/	/	Max	/



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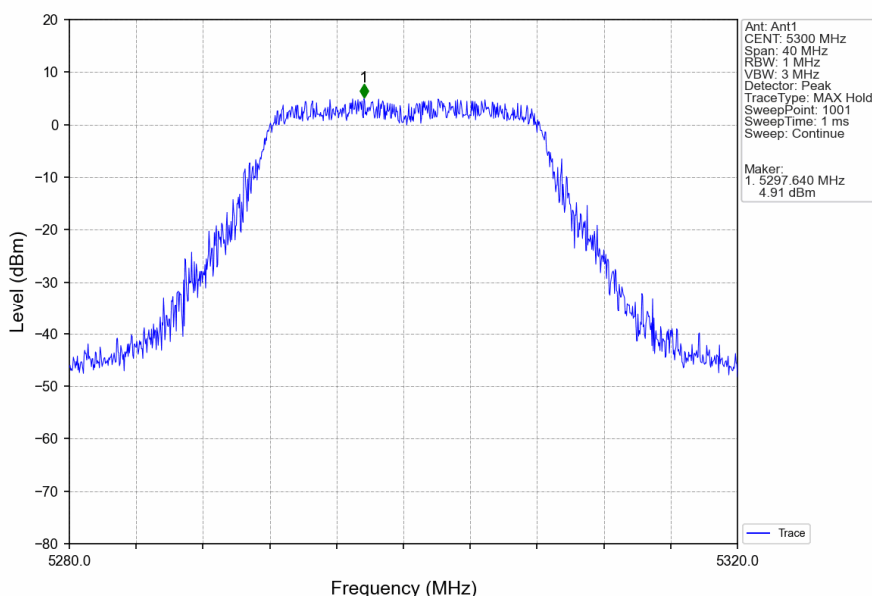
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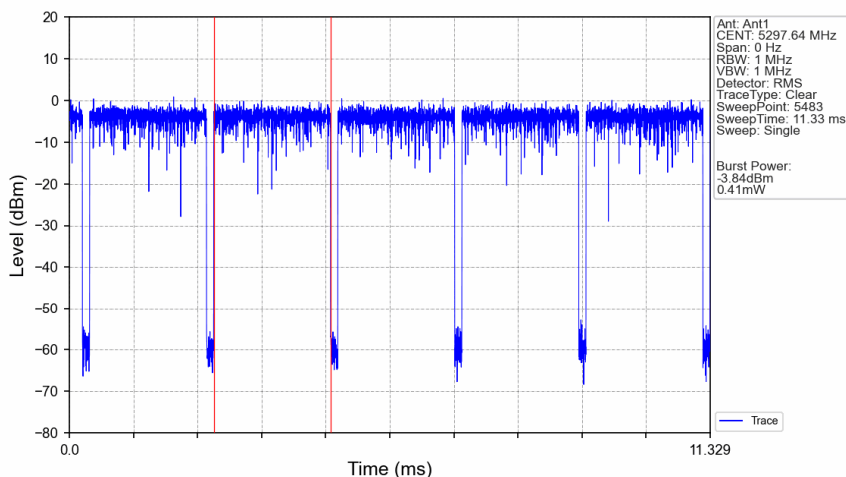
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	2.065	2.065	2.065	2.065	2.065
Power(dBm)	-3.85	-3.84	-3.85	-3.85	-3.85
Power(mW)	0.412	0.413	0.412	0.412	0.412
Remark	/	Max	/	/	/



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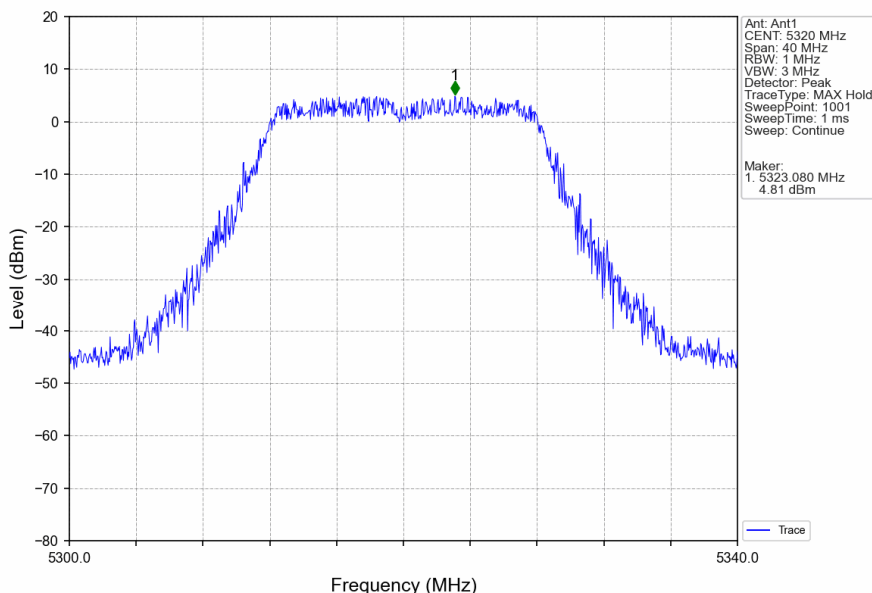
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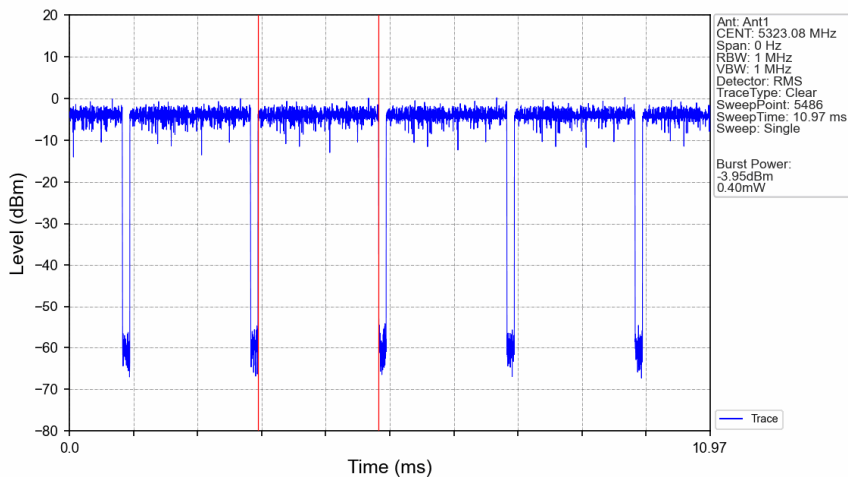
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802.11a_HCH_5320MHz_Ant1_NTNV

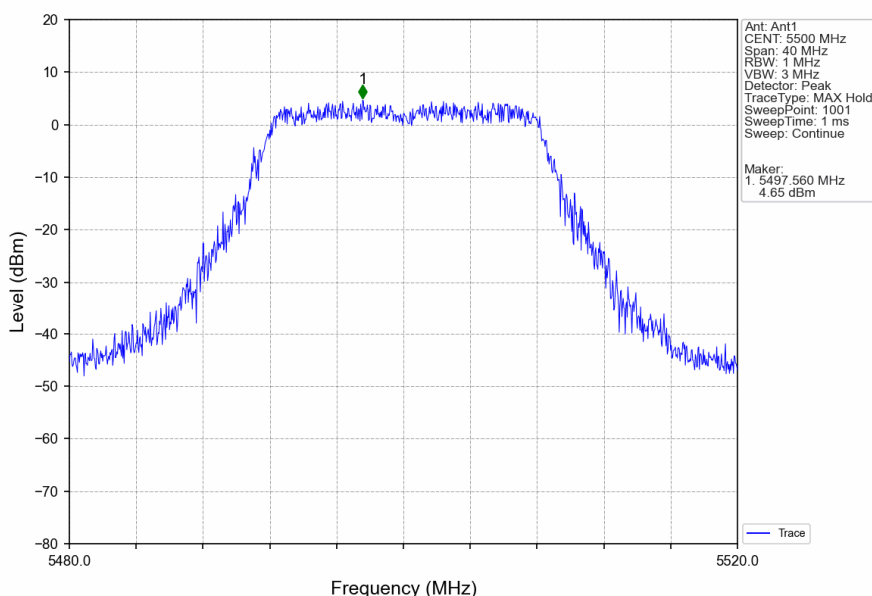


802.11a_HCH_5320MHz_Ant1_NTNV

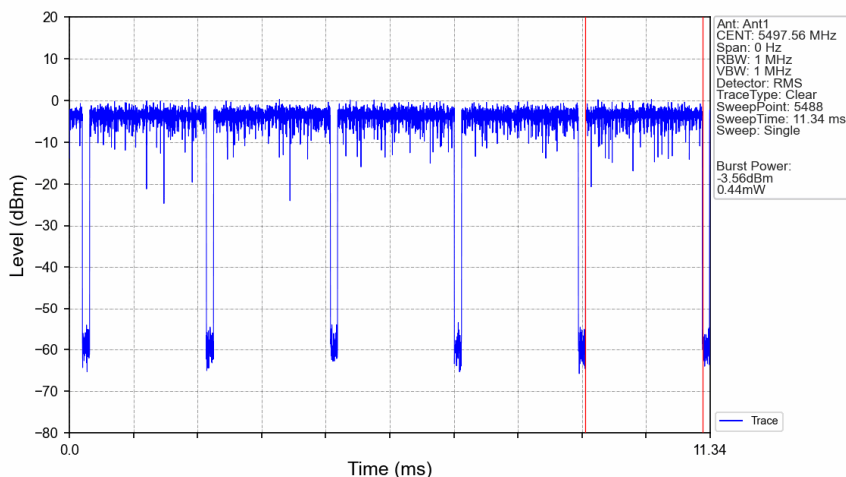


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power (dBm)	-3.96	-3.95	-3.96	-3.96
Power (mW)	0.402	0.402	0.402	0.402
Remark	/	Max	/	/

802.11a_LCH_5500MHz_Ant1_NTNV

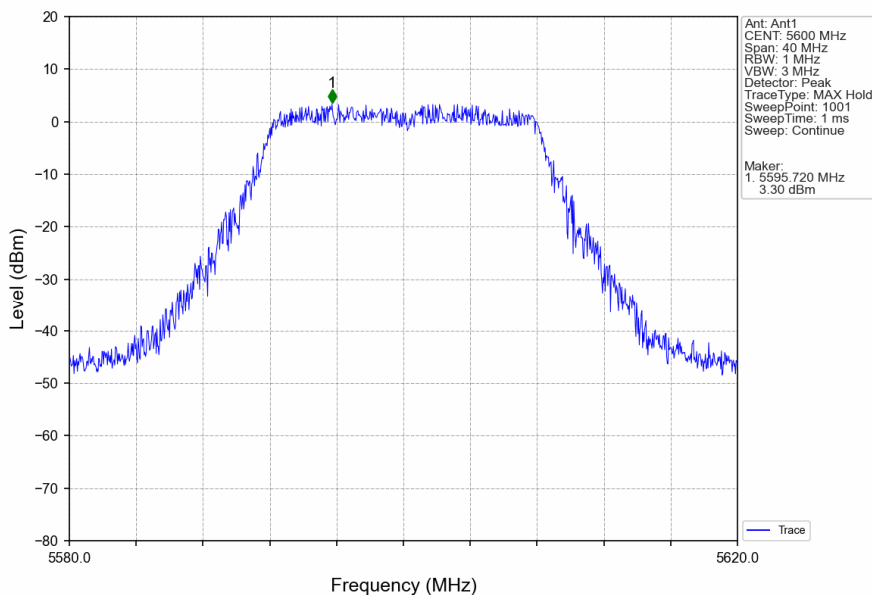


802.11a_LCH_5500MHz_Ant1_NTNV

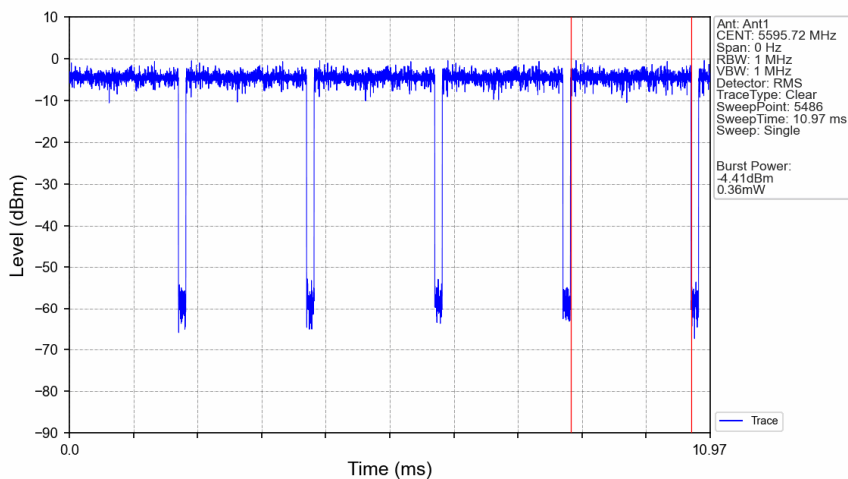


Burst No.	1	2	3	4	5
Length (ms)	2.065	2.067	2.065	2.065	2.065
Power (dBm)	-3.57	-3.58	-3.56	-3.56	-3.56
Power (mW)	0.440	0.439	0.440	0.440	0.440
Remark	/	/	/	/	Max

802.11a_MCH_5600MHz_Ant1_NTNV

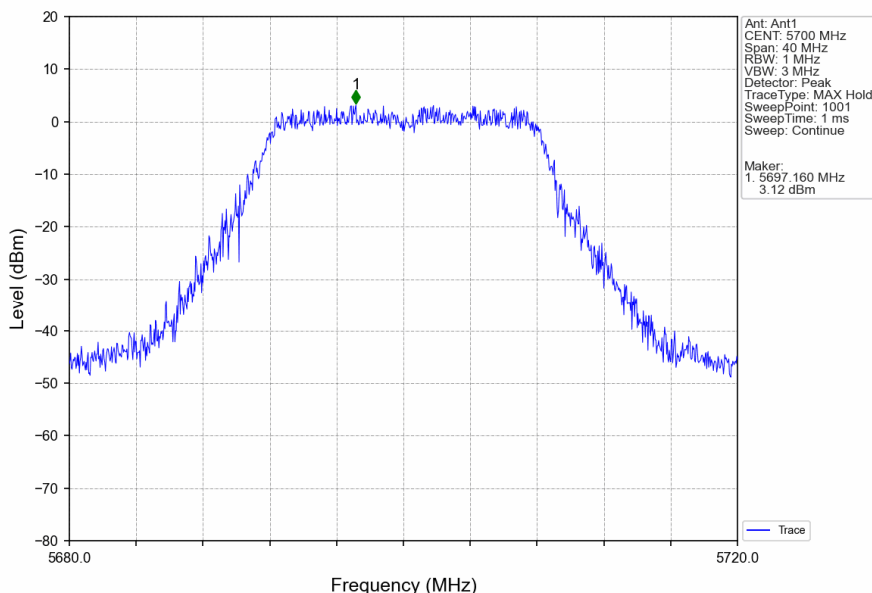


802.11a_MCH_5600MHz_Ant1_NTNV

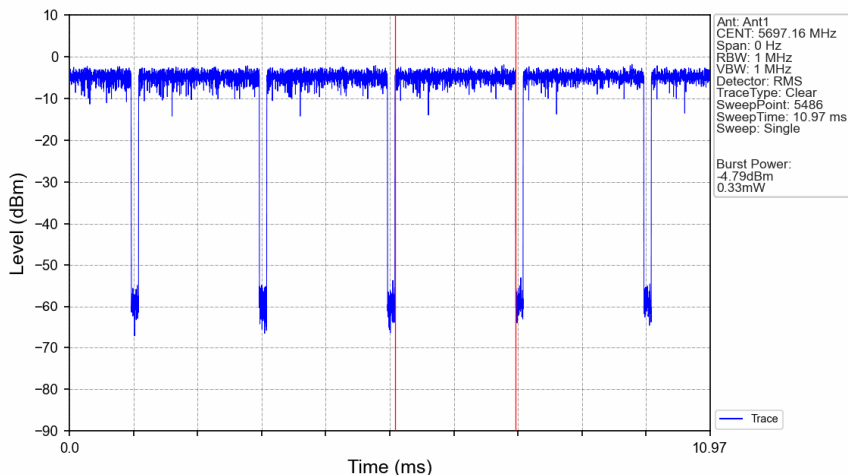


Burst No.	1	2	3	4
Length (ms)	2.064	2.064	2.064	2.064
Power(dBm)	-4.42	-4.42	-4.41	-4.41
Power(mW)	0.362	0.362	0.362	0.362
Remark	/	/	/	Max

802.11a_HCH_5700MHz_Ant1_NTNV

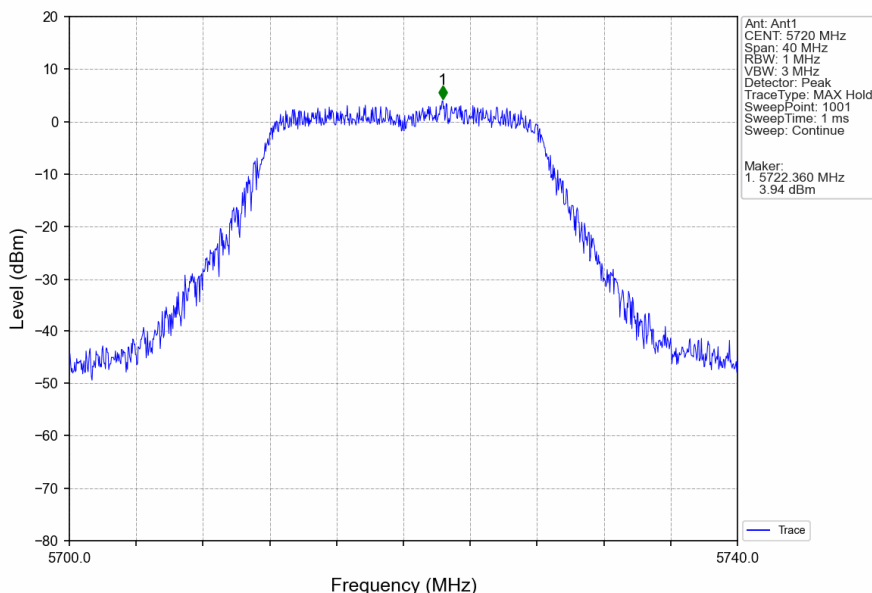


802.11a_HCH_5700MHz_Ant1_NTNV

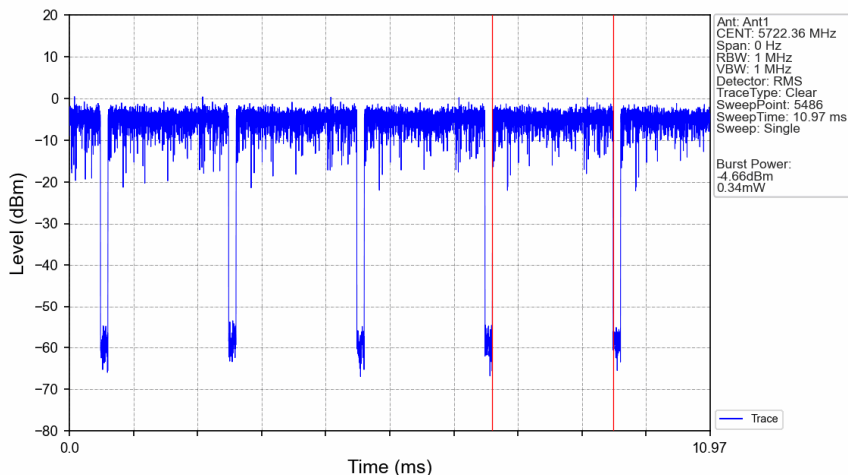


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power(dBm)	-4.80	-4.80	-4.79	-4.80
Power(mW)	0.331	0.331	0.332	0.331
Remark	/	/	Max	/

802.11a_HHCH_5720MHz_Ant1_NTNV

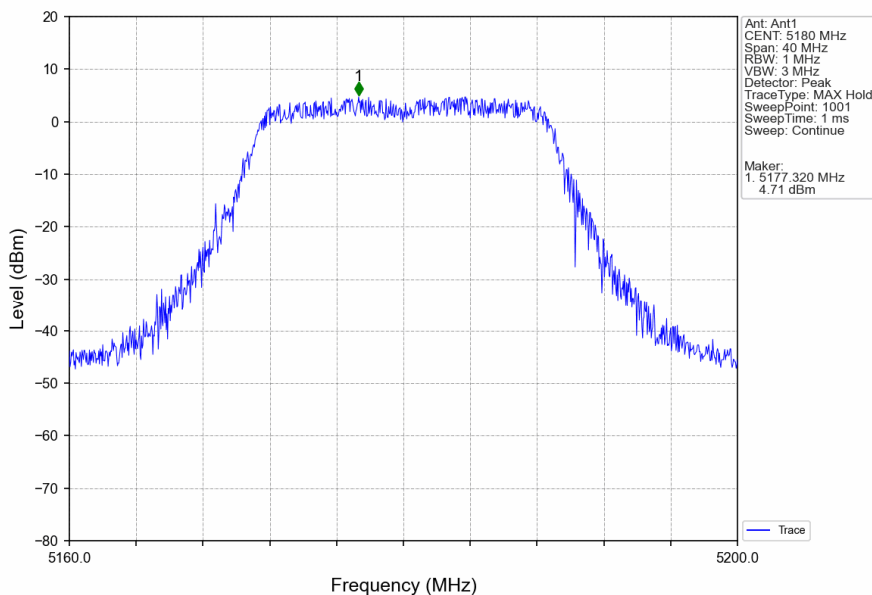


802.11a_HHCH_5720MHz_Ant1_NTNV

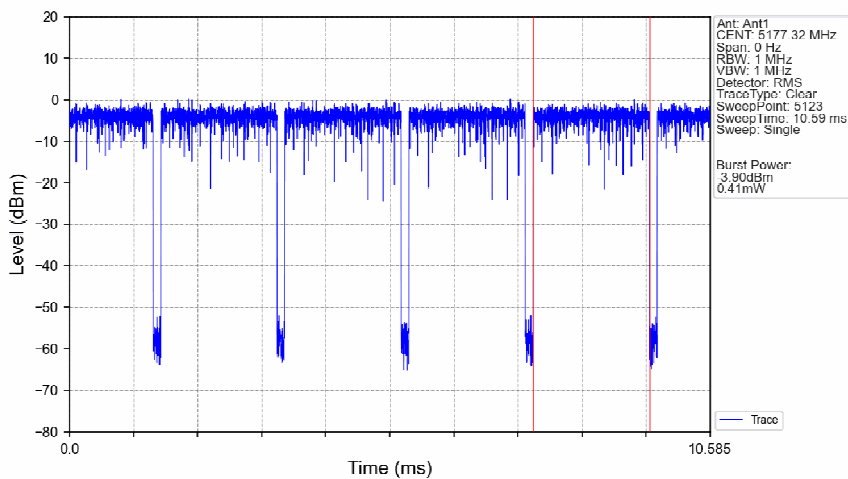


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power (dBm)	-4.67	-4.67	-4.66	-4.66
Power (mW)	0.341	0.341	0.342	0.342
Remark	/	/	/	Max

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

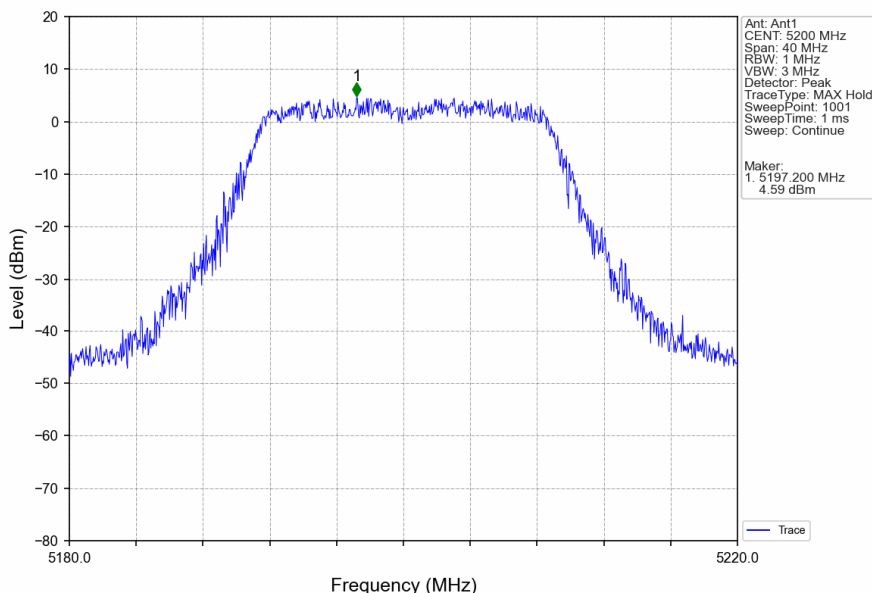


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

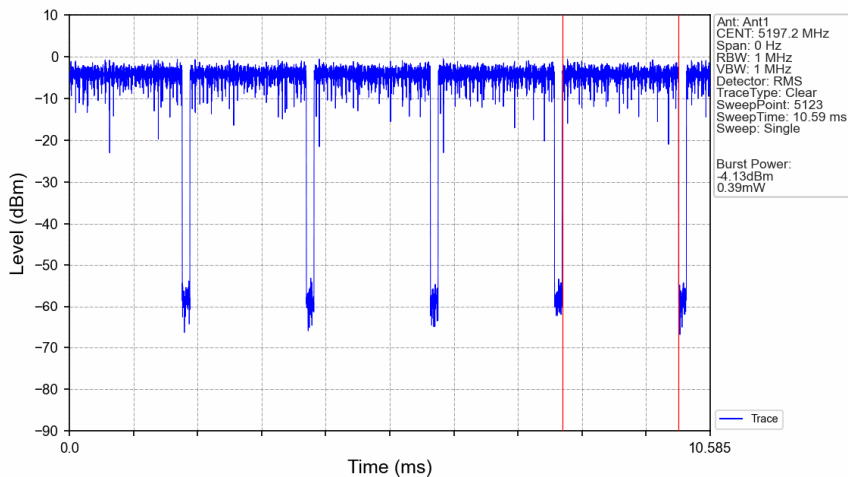


Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-3.92	-3.92	-3.90	-3.90
Power(mW)	0.406	0.406	0.407	0.407
Remark	/	/	/	Max

802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

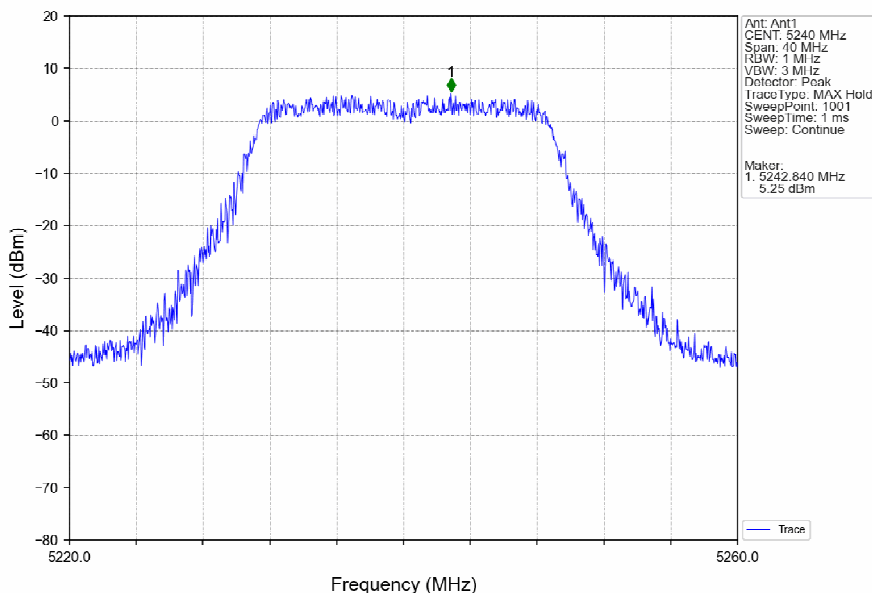


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

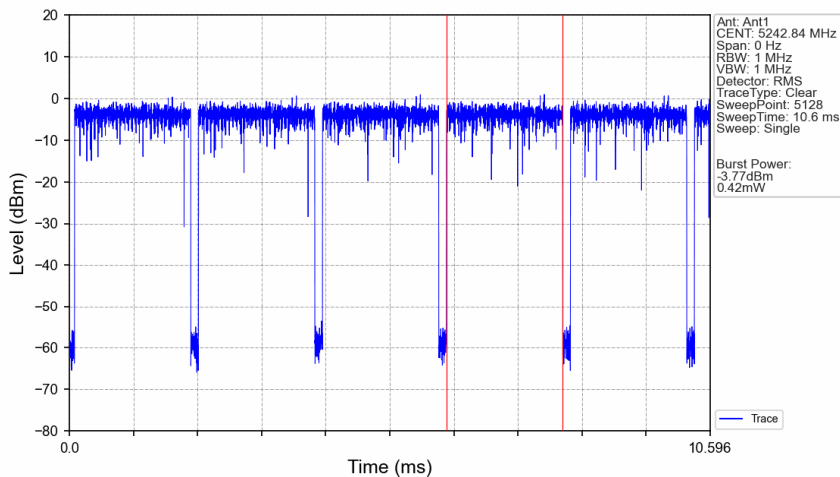


Burst No.	1	2	3	4
Length (ms)	1.922	1.920	1.920	1.920
Power(dBm)	-4.15	-4.13	-4.14	-4.13
Power(mW)	0.385	0.386	0.386	0.386
Remark	/	/	/	Max

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



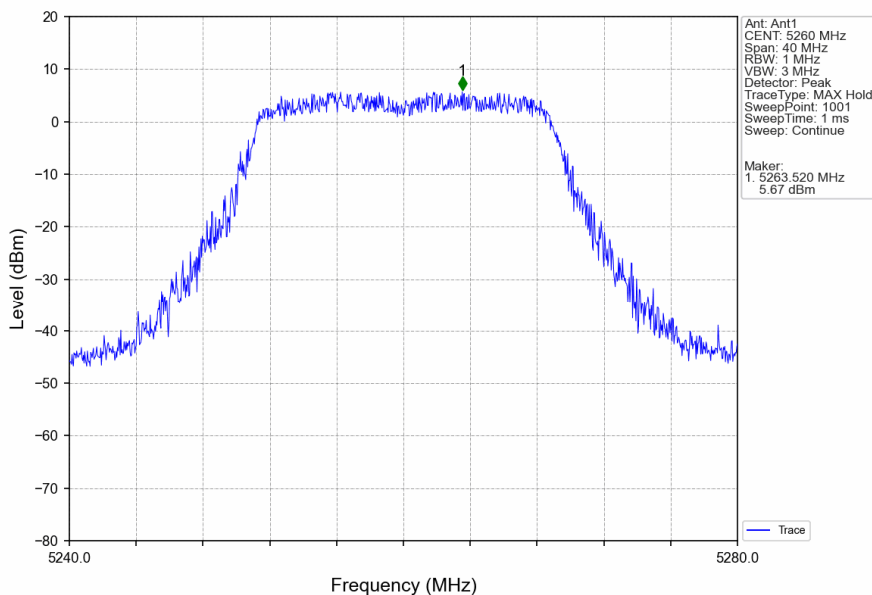
Burst No.	1	2	3	4	5
Length (ms)	1.920	1.920	1.920	1.920	1.922
Power (dBm)	-3.78	-3.78	-3.78	-3.77	-3.78
Power (mW)	0.419	0.419	0.419	0.419	0.419
Remark	/	/	/	Max	/



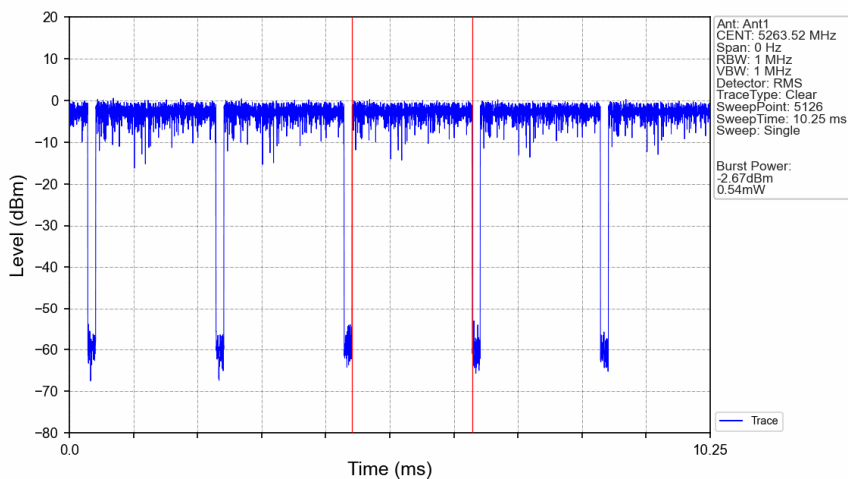
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

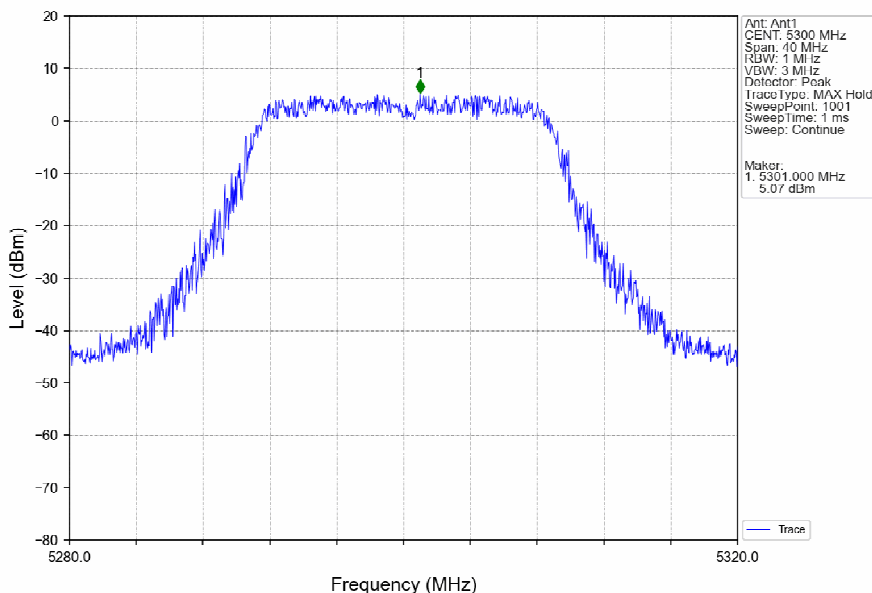


802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

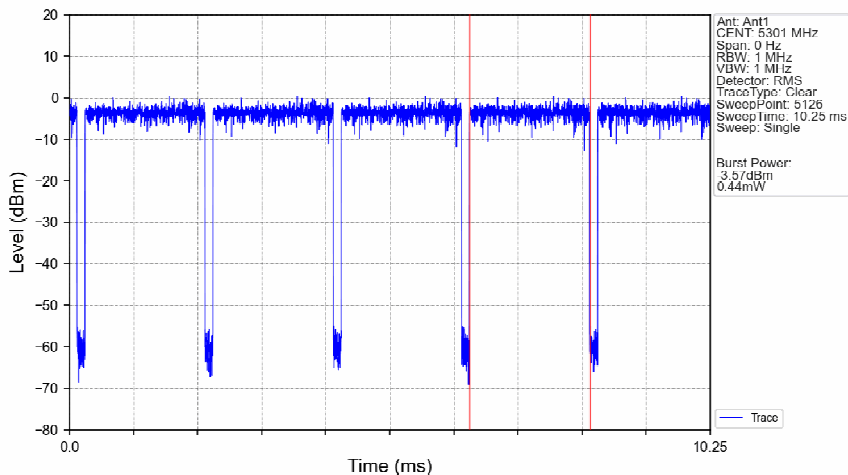


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power(dBm)	-2.68	-2.68	-2.67	-2.68
Power(mW)	0.539	0.540	0.541	0.539
Remark	/	/	Max	/

802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



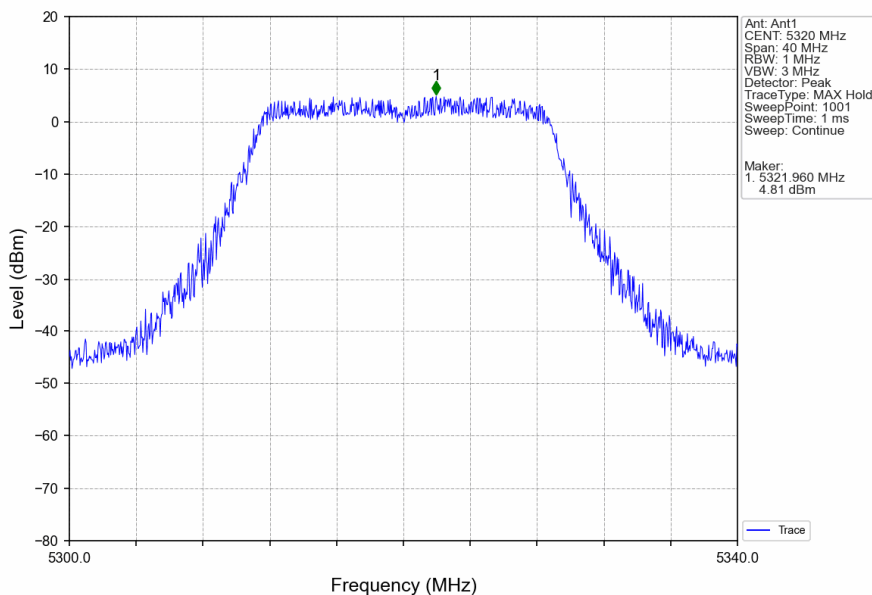
Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power (dBm)	-3.59	-3.57	-3.57	-3.57
Power (mW)	0.438	0.440	0.440	0.440
Remark	/	/	/	Max



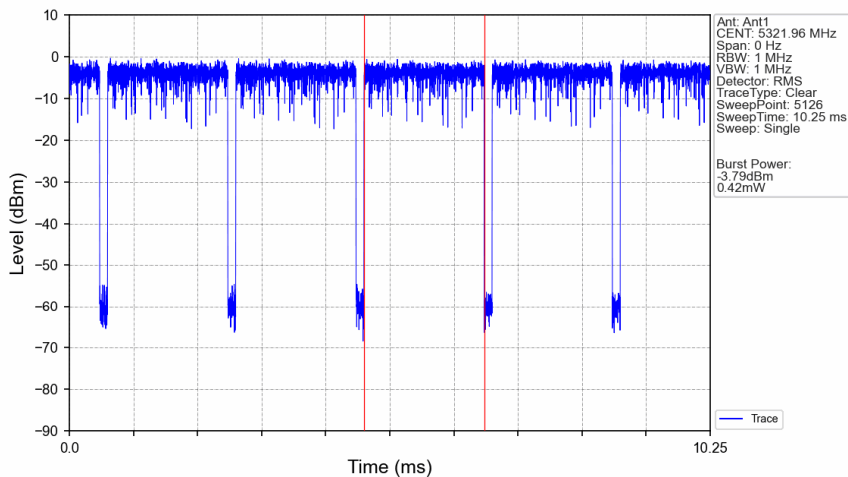
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

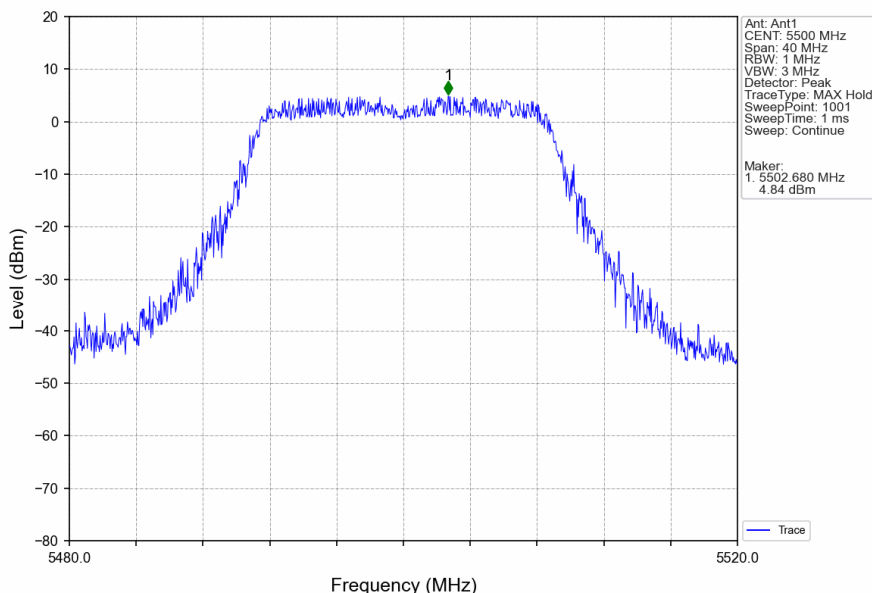


802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

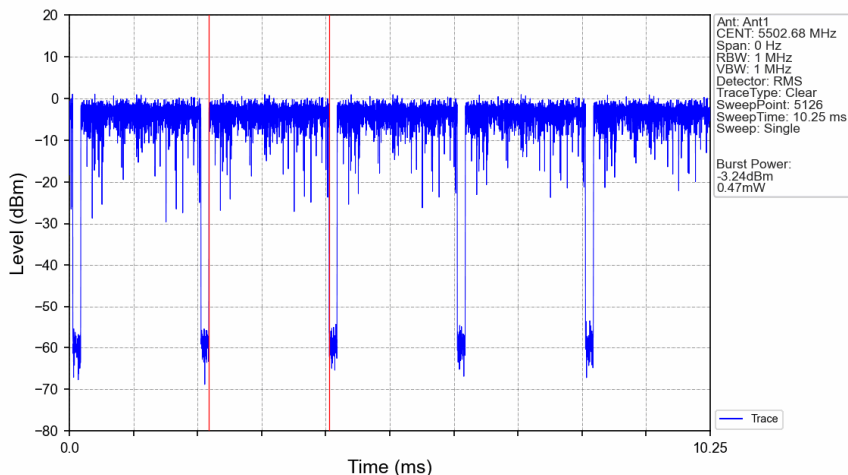


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power(dBm)	-3.80	-3.80	-3.79	-3.79
Power(mW)	0.417	0.417	0.418	0.418
Remark	/	/	Max	/

802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



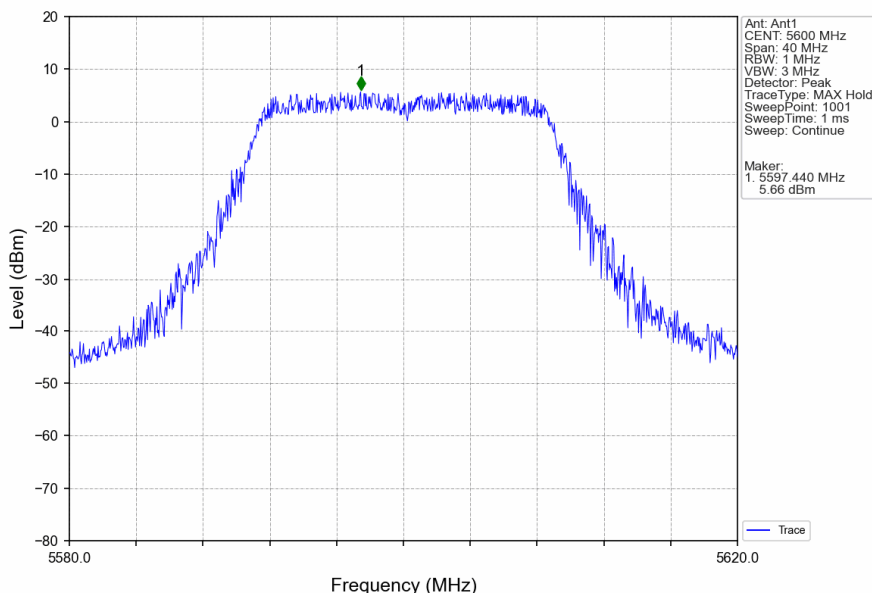
Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power(dBm)	-3.24	-3.24	-3.24	-3.24
Power(mW)	0.474	0.474	0.474	0.474
Remark	/	Max	/	/



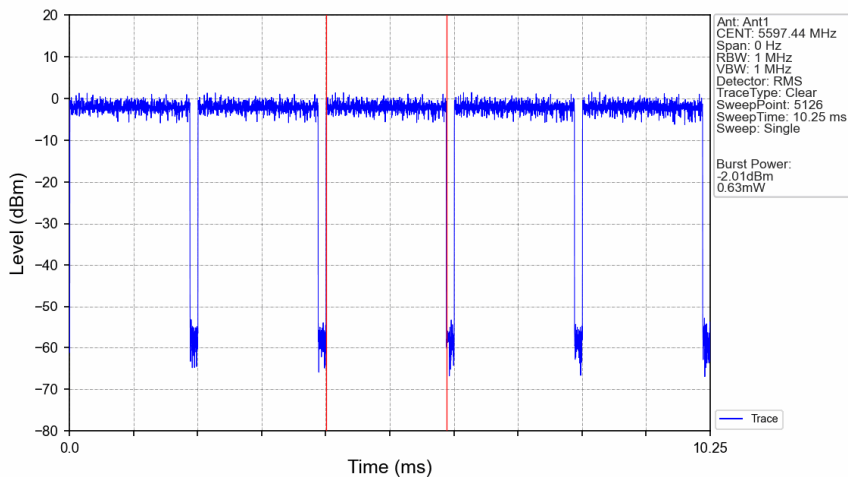
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802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

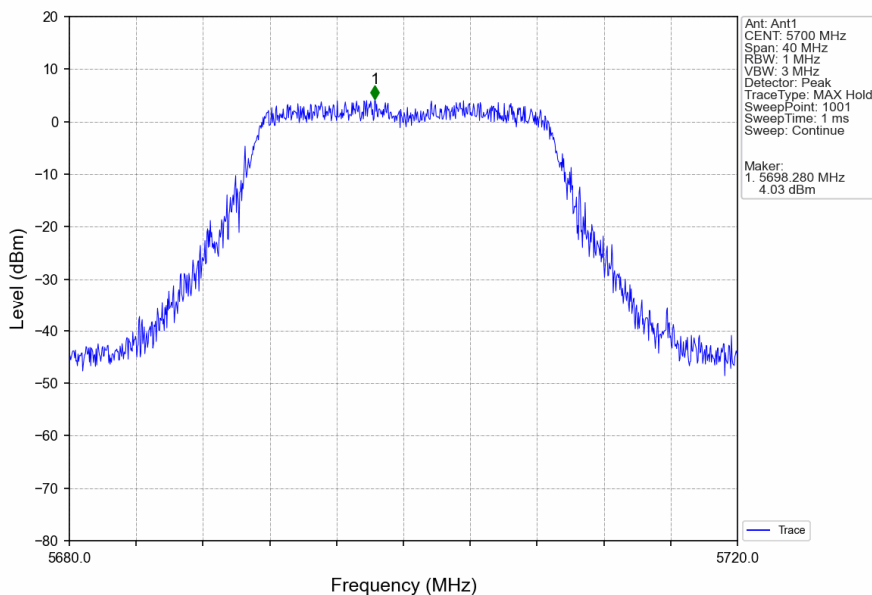


802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

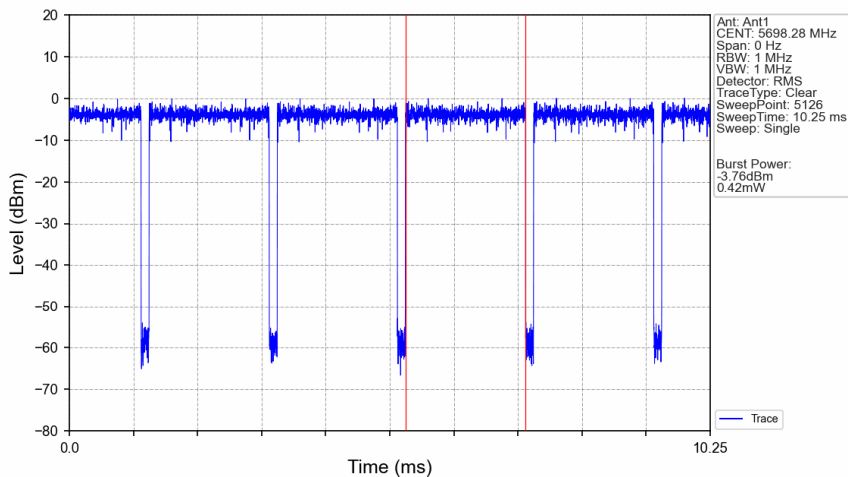


Burst No.	1	2	3	4	5
Length (ms)	1.920	1.920	1.920	1.920	1.920
Power(dBm)	-2.01	-2.01	-2.01	-2.01	-2.01
Power(mW)	0.630	0.630	0.630	0.630	0.629
Remark	/	/	Max	/	/

802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



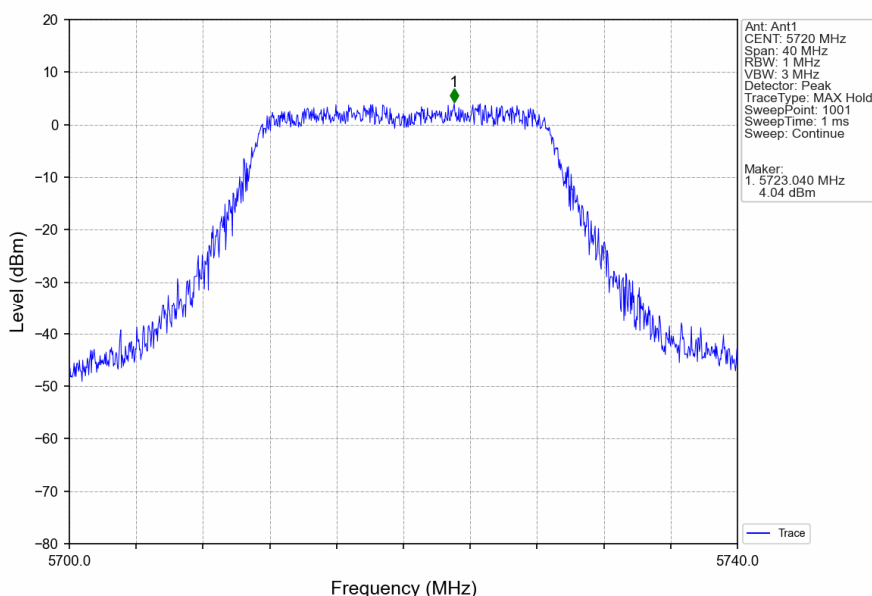
Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-3.77	-3.77	-3.76	-3.77
Power(mW)	0.420	0.420	0.421	0.420
Remark	/	/	Max	/



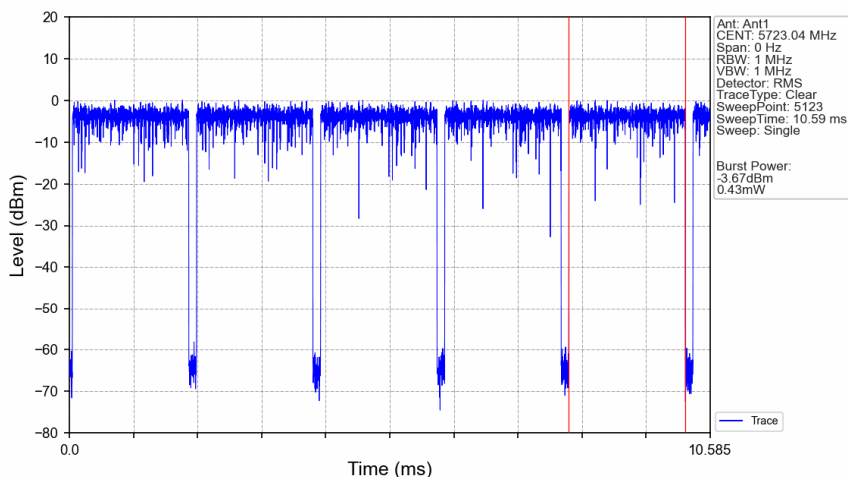
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802.11n(HT20)_HHCH_5720MHz_Ant1_NTNV

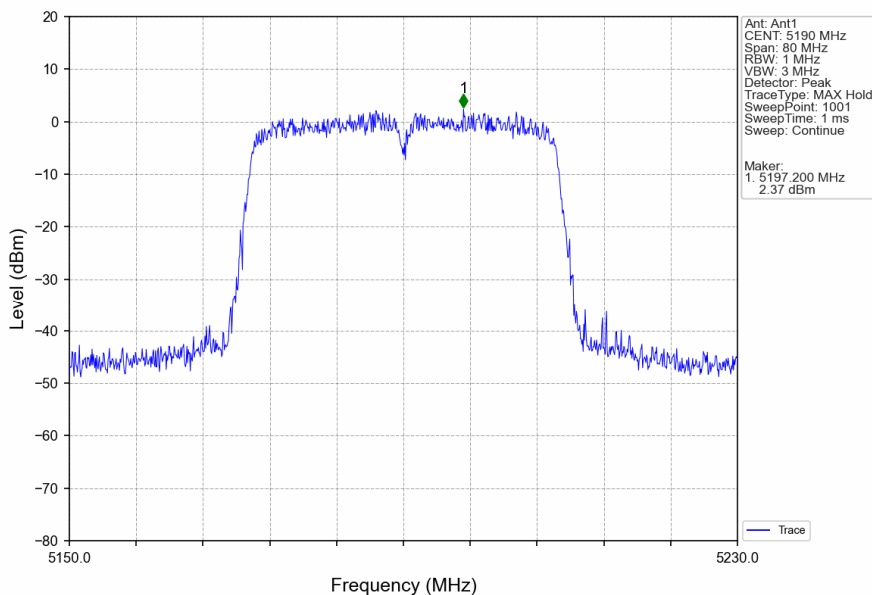


802.11n(HT20)_HHCH_5720MHz_Ant1_NTNV

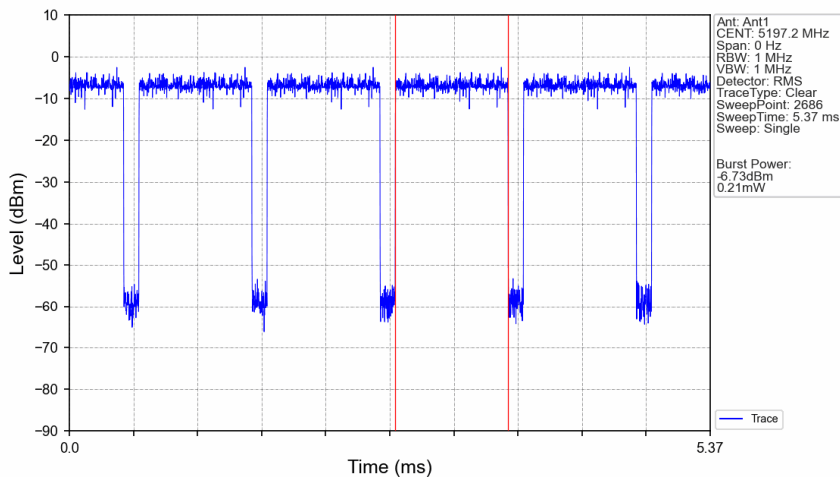


Burst No.	1	2	3	4	5
Length (ms)	1.920	1.920	1.920	1.920	1.922
Power(dBm)	-3.68	-3.67	-3.67	-3.67	-3.67
Power(mW)	0.428	0.429	0.429	0.429	0.429
Remark	/	/	/	/	Max

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

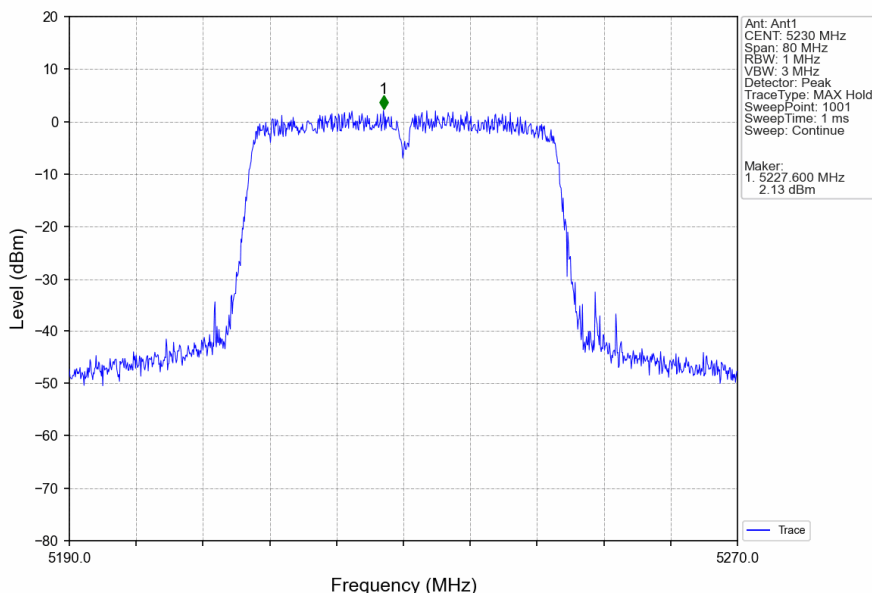


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

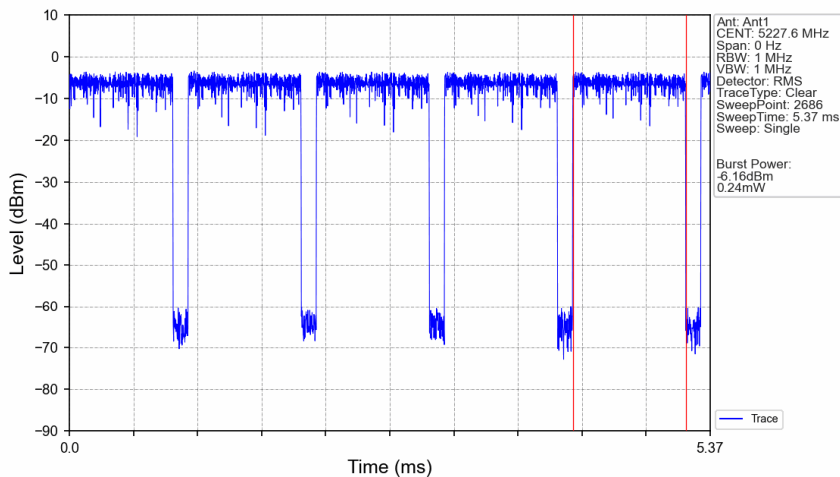


Burst No.	1	2	3	4
Length (ms)	0.944	0.946	0.944	0.944
Power(dBm)	-6.73	-6.74	-6.73	-6.73
Power(mW)	0.213	0.212	0.213	0.213
Remark	/	/	Max	/

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

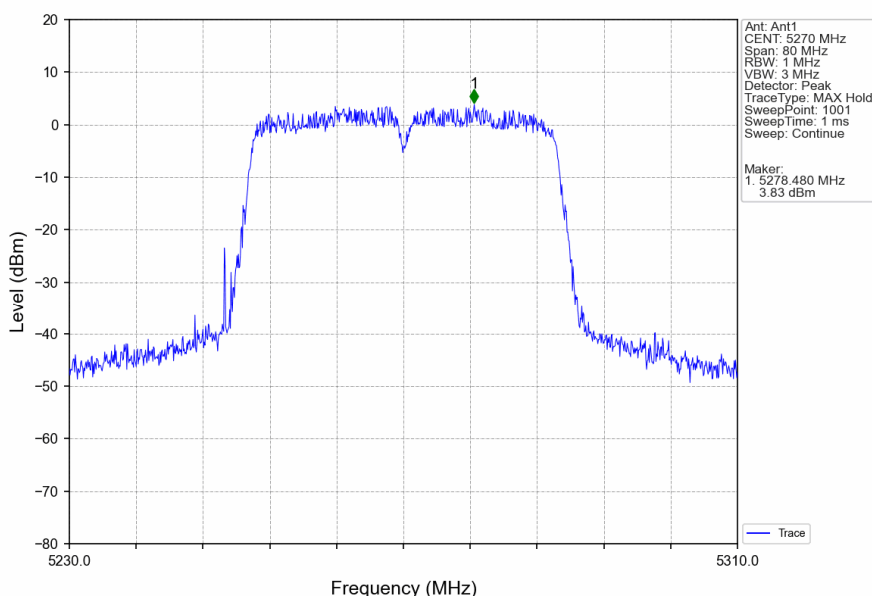


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

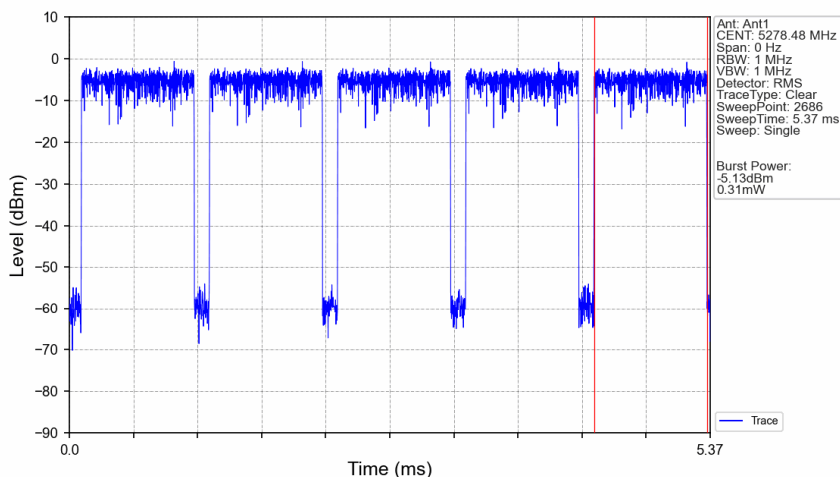


Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.946	0.946
Power (dBm)	-6.17	-6.17	-6.17	-6.16
Power (mW)	0.242	0.242	0.242	0.242
Remark	/	/	/	Max

802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	0.946	0.946	0.946	0.946	0.946
Power(dBm)	-5.14	-5.14	-5.13	-5.13	-5.13
Power(mW)	0.306	0.306	0.307	0.307	0.307
Remark	/	/	/	/	Max



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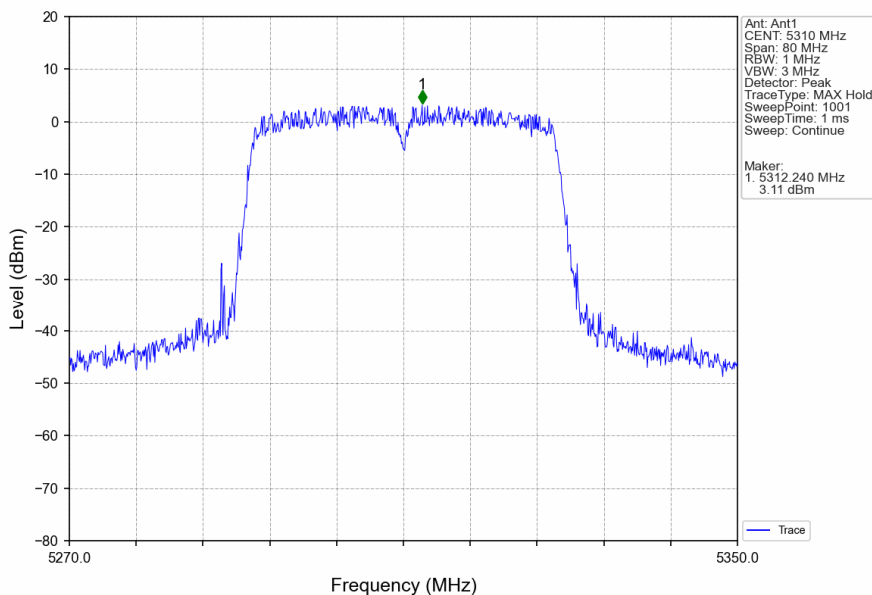
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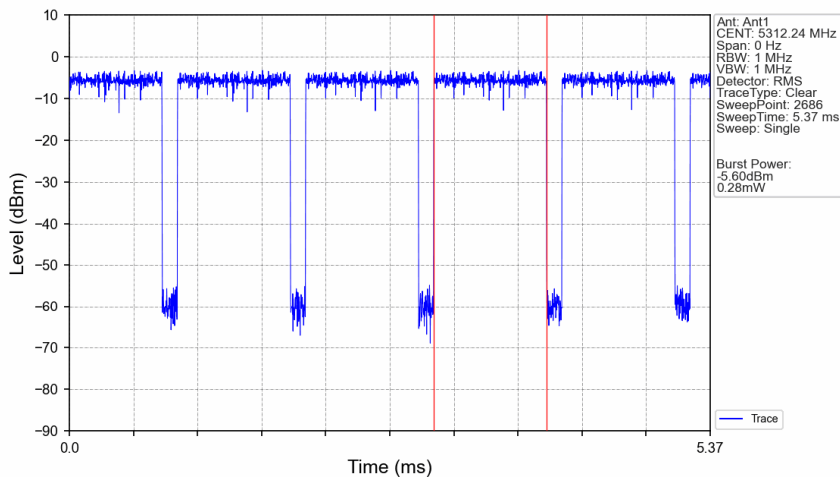
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802.11n(HT40)_HCH_5310MHz_Ant1_NTNV

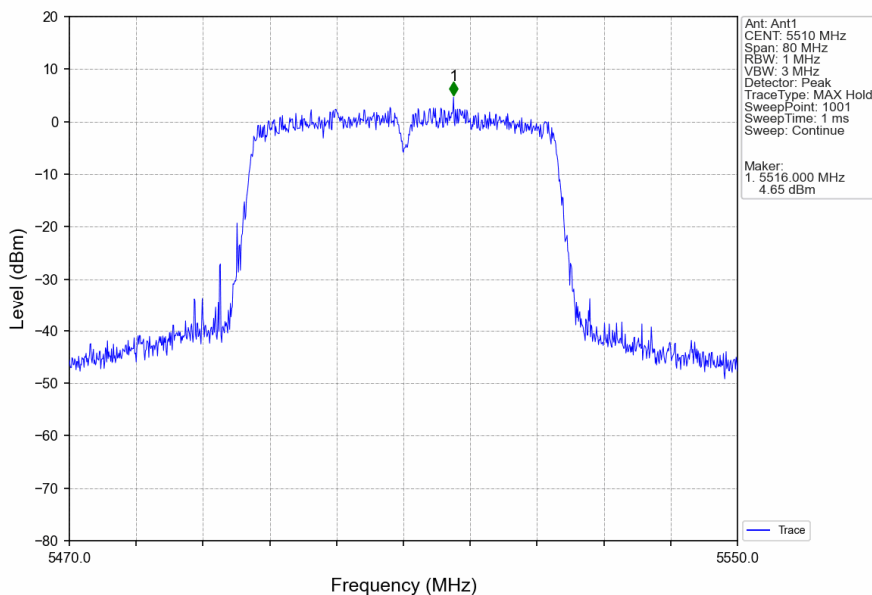


802.11n(HT40)_HCH_5310MHz_Ant1_NTNV

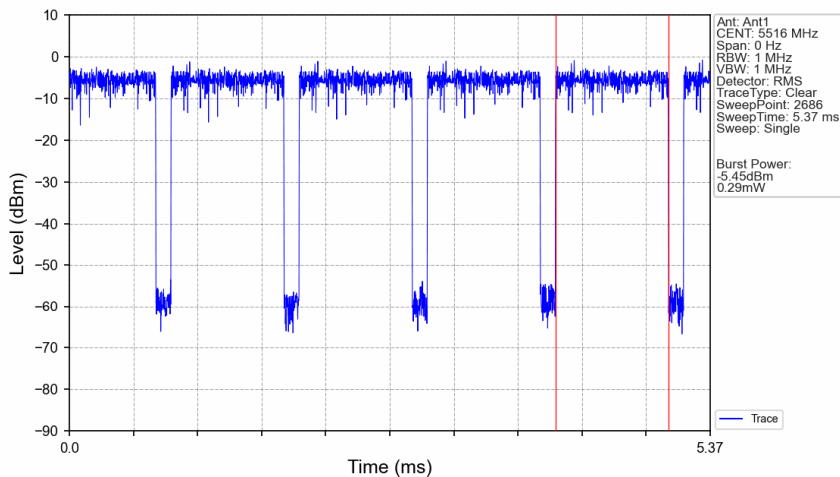


Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.944	0.946
Power(dBm)	-5.61	-5.60	-5.60	-5.60
Power(mW)	0.275	0.275	0.276	0.276
Remark	/	/	Max	/

802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

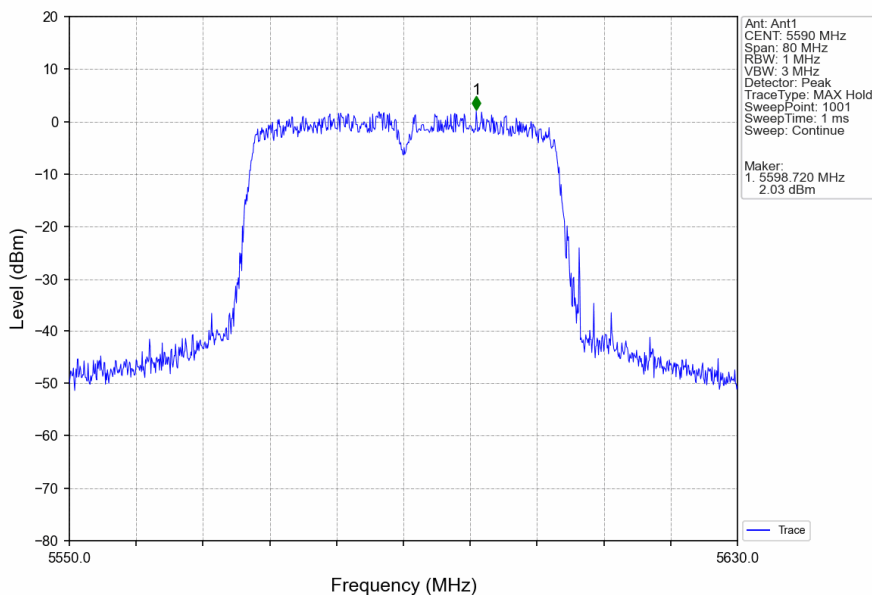


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

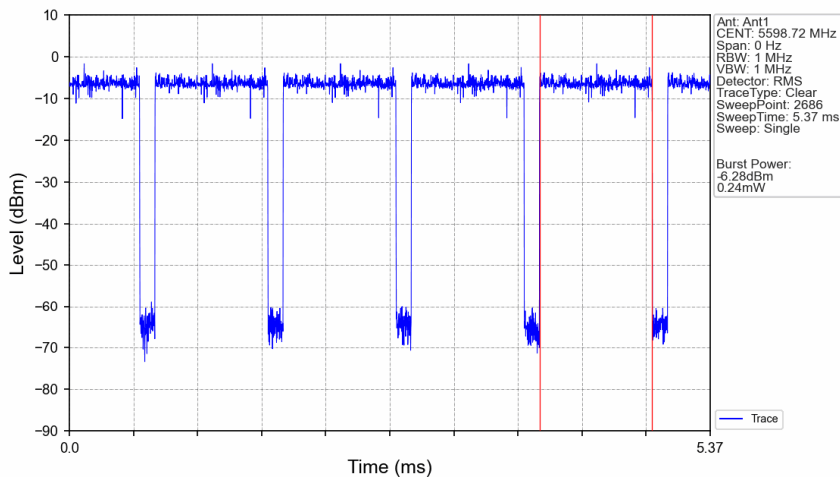


Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.946	0.946
Power(dBm)	-5.45	-5.45	-5.45	-5.45
Power(mW)	0.285	0.285	0.285	0.285
Remark	/	/	/	Max

802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

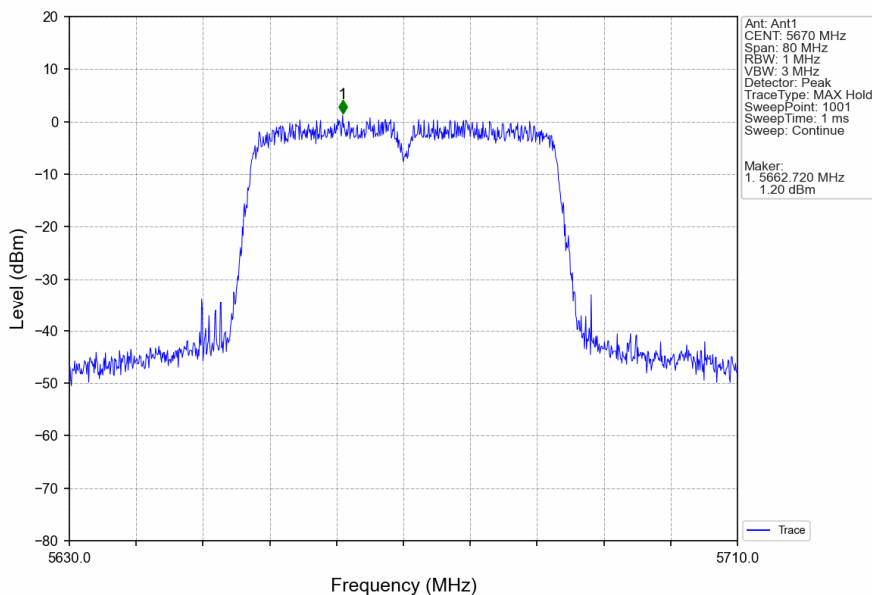


802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

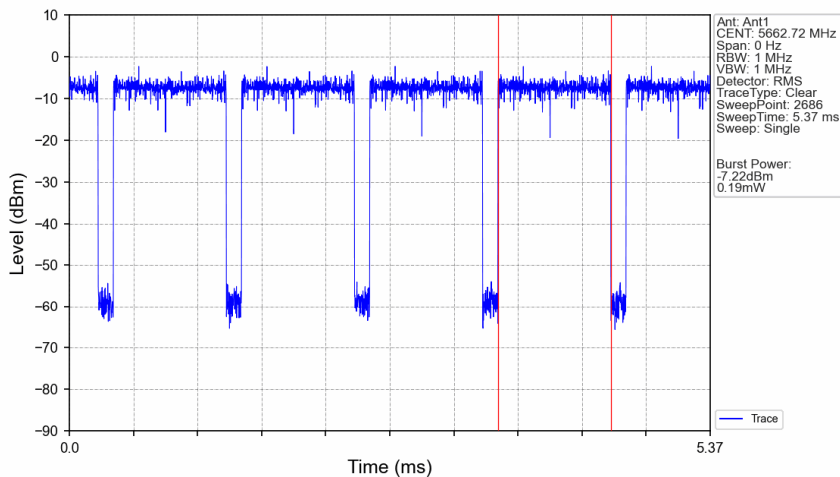


Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.944	0.944
Power(dBm)	-6.30	-6.30	-6.29	-6.28
Power(mW)	0.235	0.235	0.235	0.235
Remark	/	/	/	Max

802.11n(HT40)_HCH_5670MHz_Ant1_NTNV

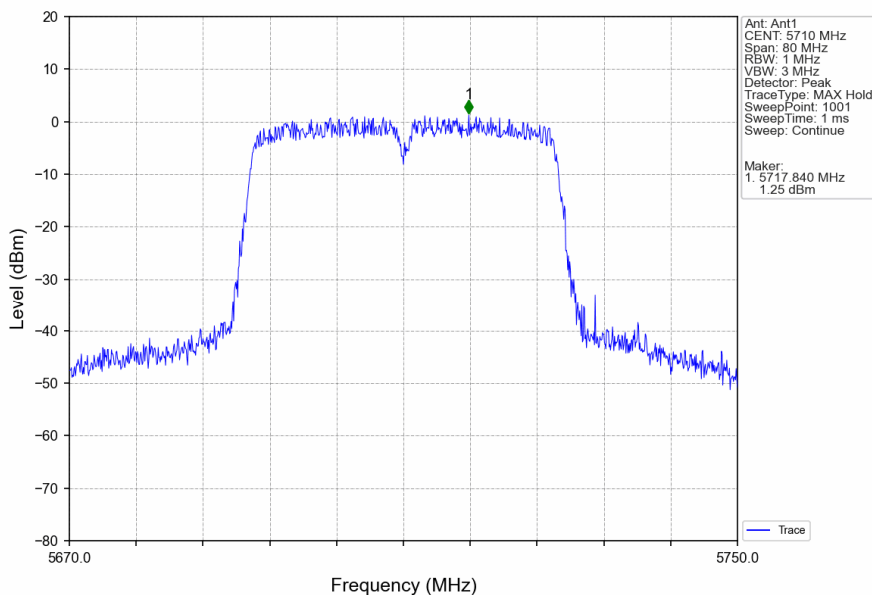


802.11n(HT40)_HCH_5670MHz_Ant1_NTNV

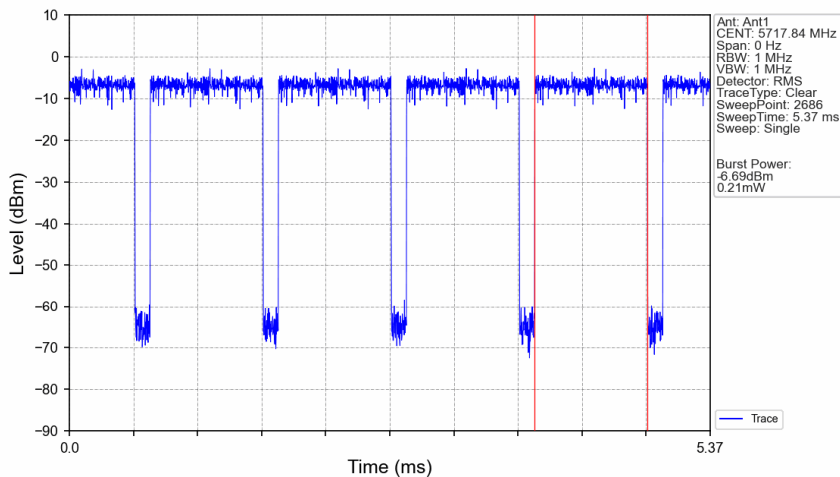


Burst No.	1	2	3	4
Length (ms)	0.944	0.944	0.944	0.944
Power(dBm)	-7.22	-7.22	-7.22	-7.22
Power(mW)	0.190	0.189	0.190	0.190
Remark	/	/	/	Max

802.11n(HT40)_HHCH_5710MHz_Ant1_NTNV

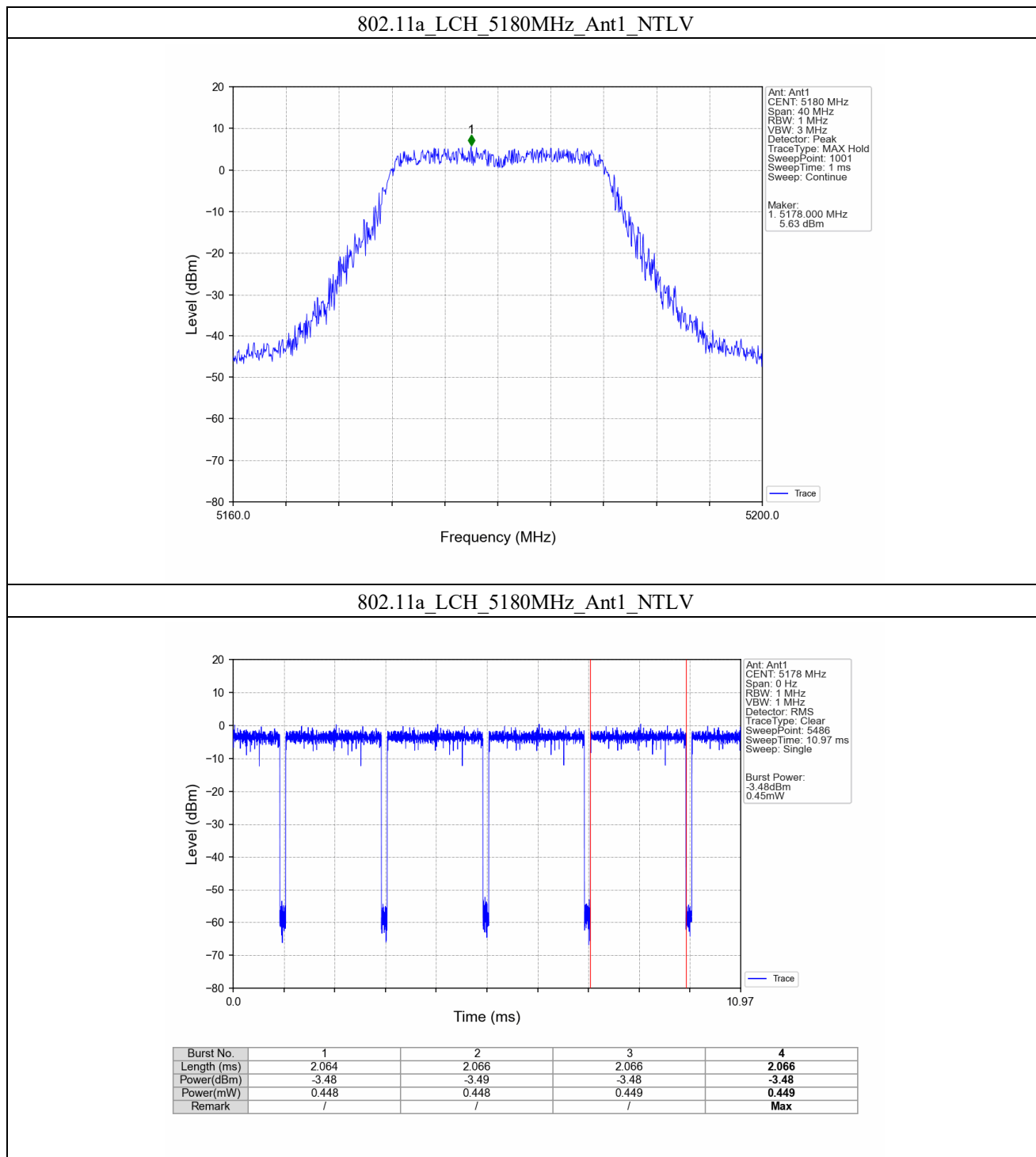


802.11n(HT40)_HHCH_5710MHz_Ant1_NTNV

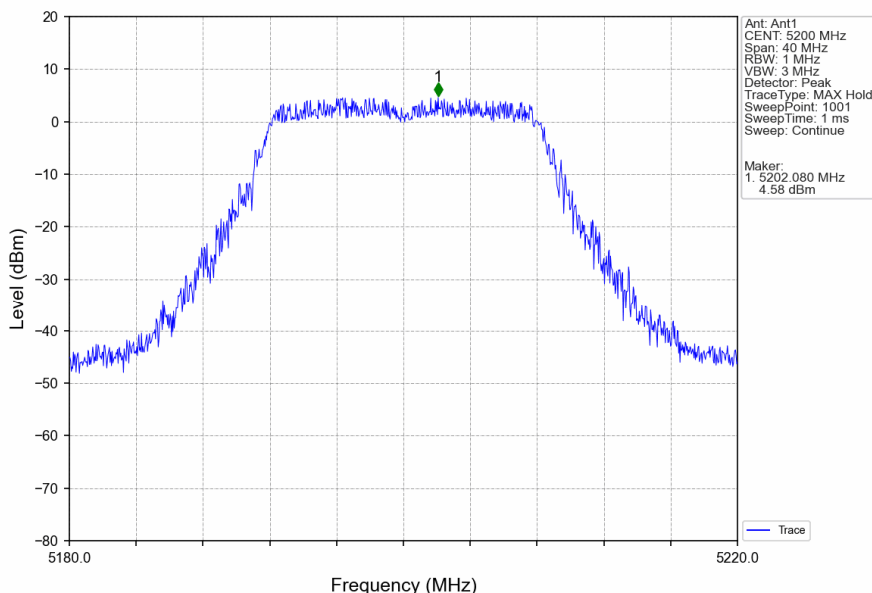


Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.946	0.944
Power(dBm)	-6.71	-6.70	-6.70	-6.69
Power(mW)	0.213	0.214	0.214	0.214
Remark	/	/	/	Max

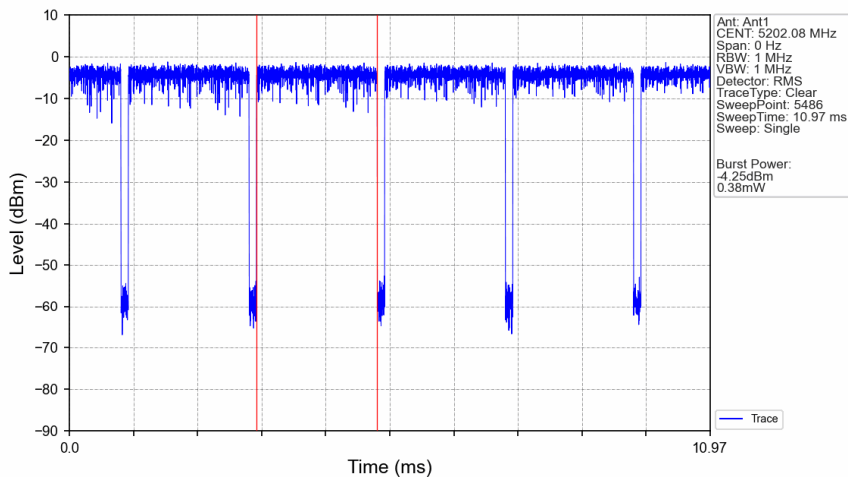
3.2.2 Power_NTLV



802.11a_MCH_5200MHz_Ant1_NTLV

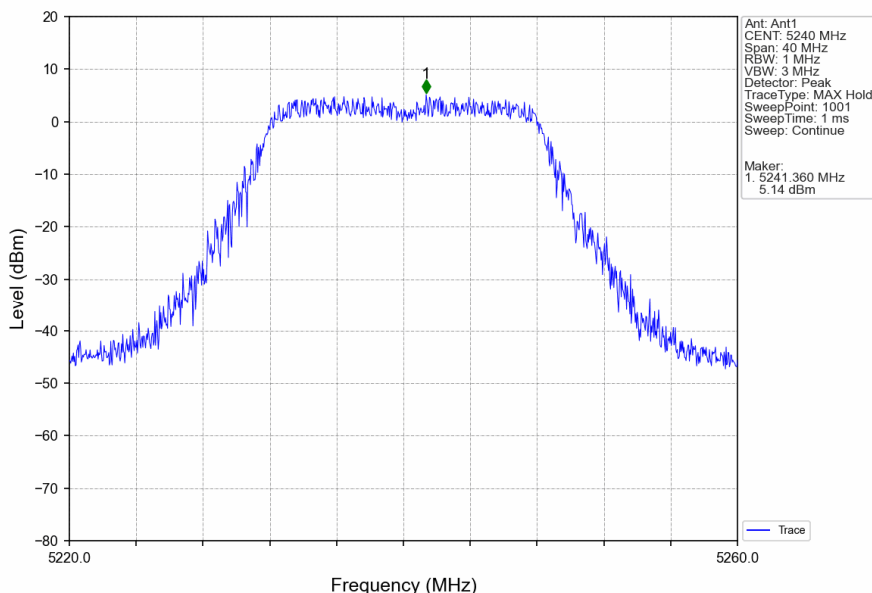


802.11a_MCH_5200MHz_Ant1_NTLV

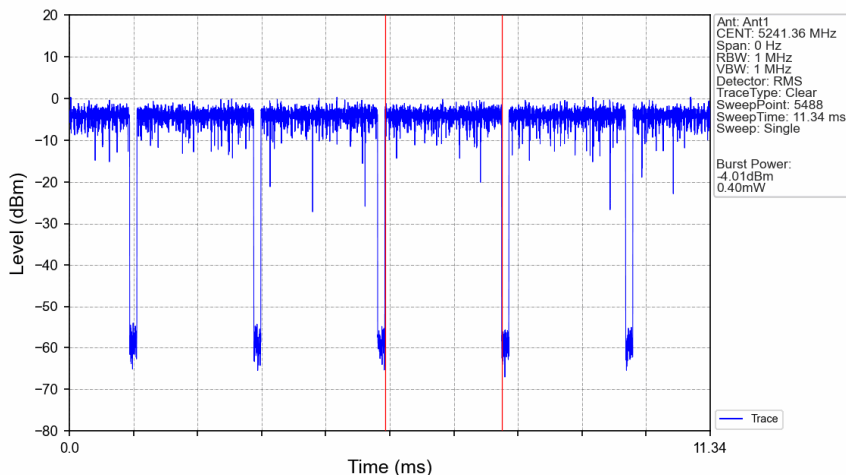


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power(dBm)	-4.25	-4.25	-4.25	-4.25
Power(mW)	0.375	0.376	0.375	0.376
Remark	/	Max	/	/

802.11a_HCH_5240MHz_Ant1_NTLV



802.11a_HCH_5240MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	2.065	2.065	2.065	2.067
Power (dBm)	-4.02	-4.02	-4.01	-4.01
Power (mW)	0.396	0.397	0.397	0.397
Remark	/	/	Max	/



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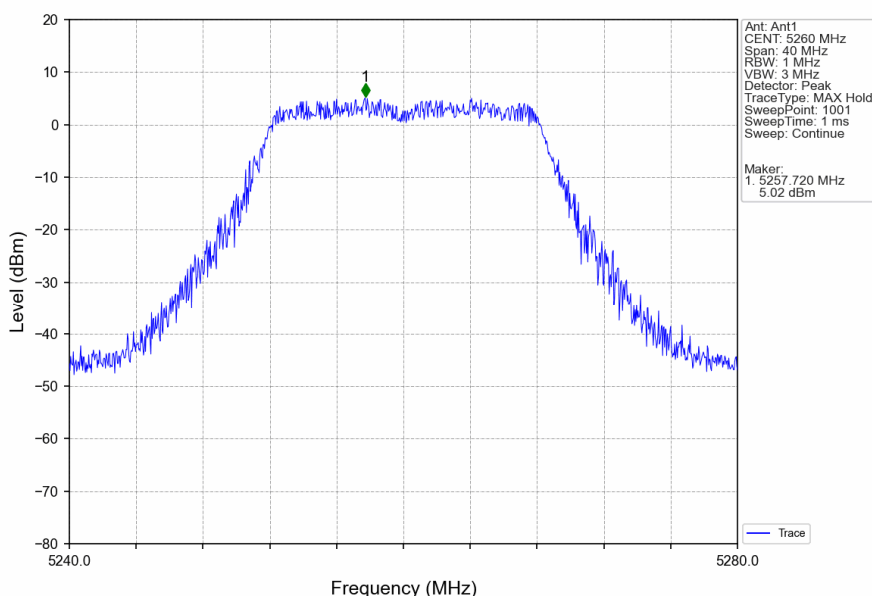
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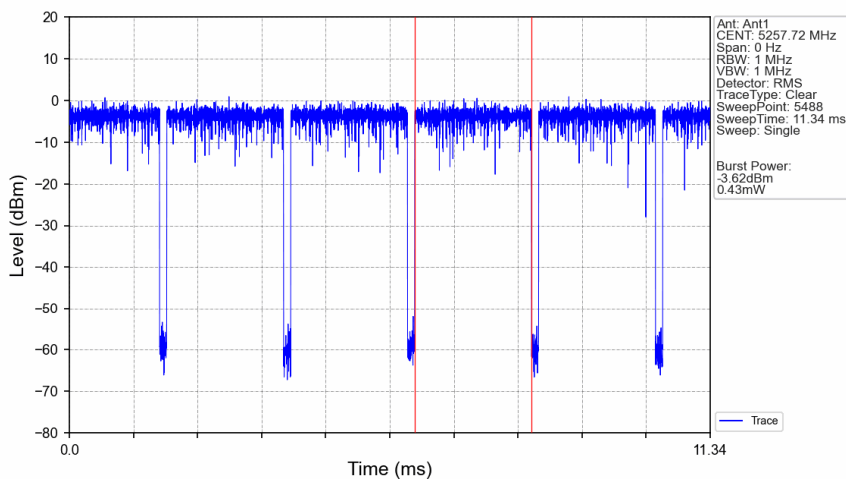
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802.11a_LCH_5260MHz_Ant1_NTLV

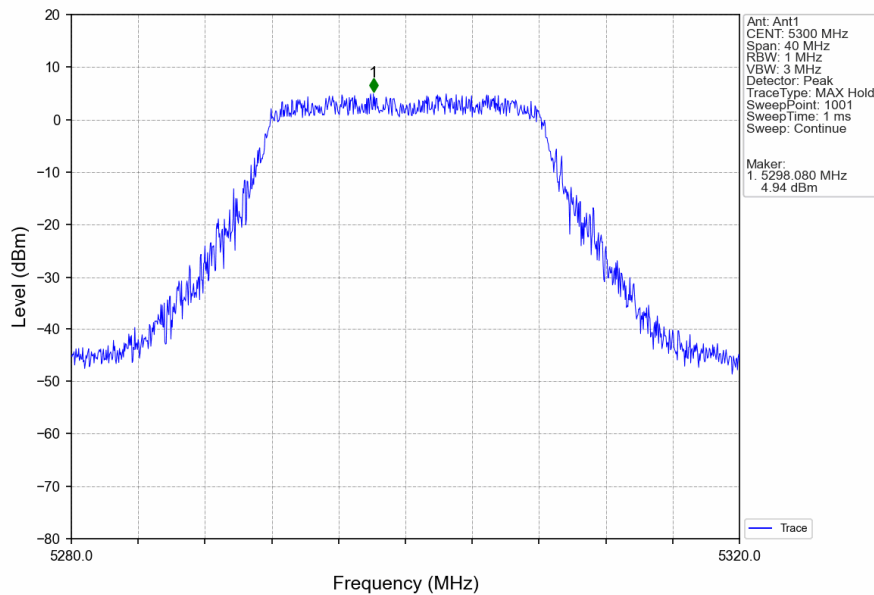


802.11a_LCH_5260MHz_Ant1_NTLV

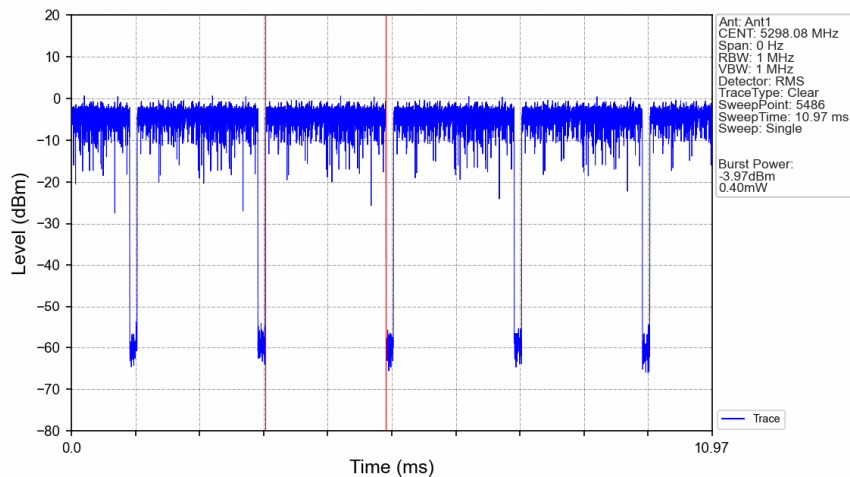


Burst No.	1	2	3	4
Length (ms)	2.067	2.065	2.065	2.065
Power(dBm)	-3.63	-3.62	-3.62	-3.62
Power(mW)	0.434	0.434	0.435	0.435
Remark	/	/	Max	/

802.11a_MCH_5300MHz_Ant1_NTLV

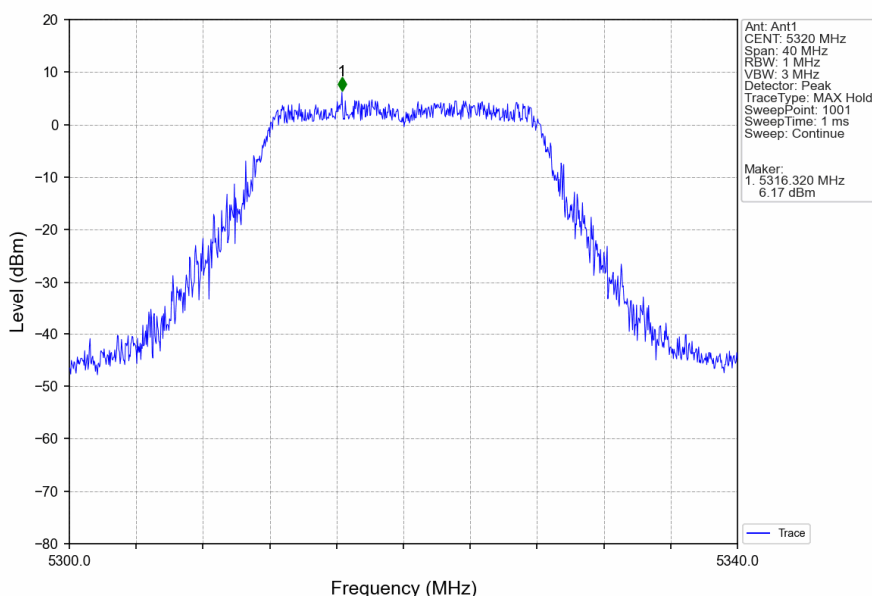


802.11a_MCH_5300MHz_Ant1_NTLV

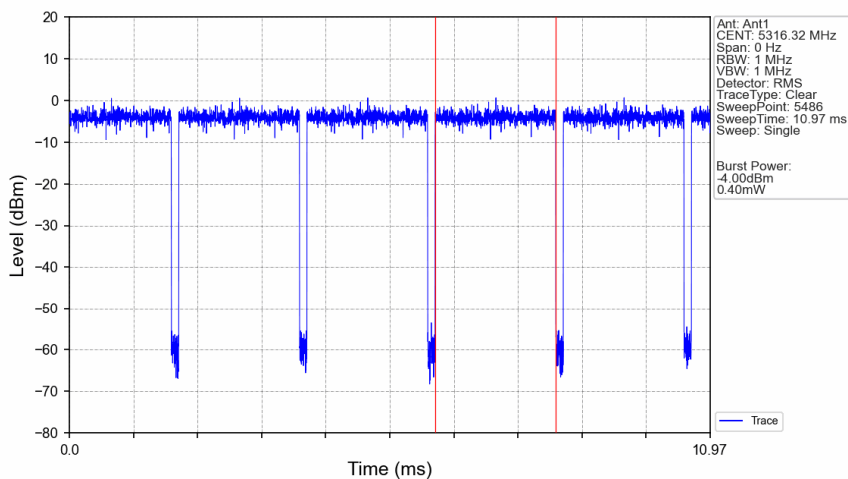


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power (dBm)	-3.99	-3.97	-3.97	-3.97
Power (mW)	0.399	0.401	0.400	0.401
Remark	/	Max	/	/

802.11a_HCH_5320MHz_Ant1_NTLV

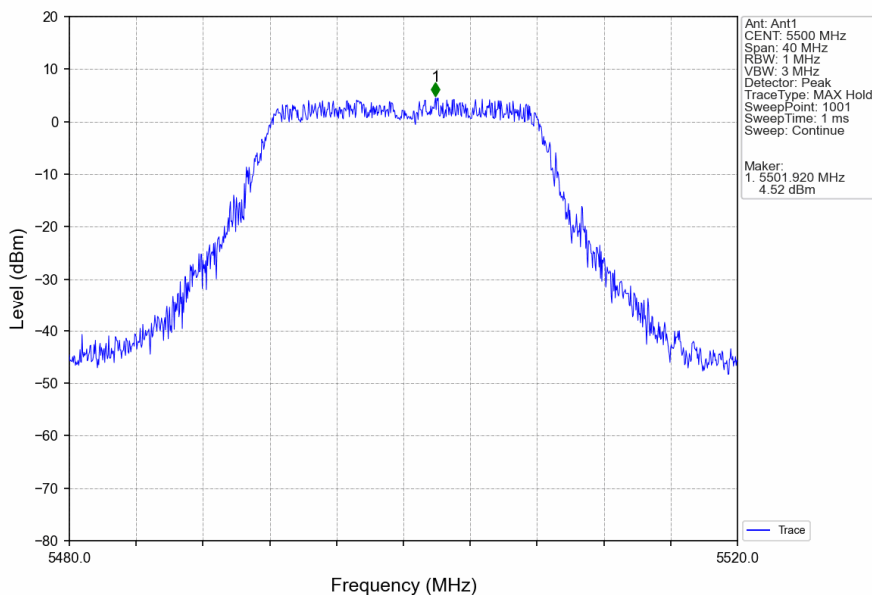


802.11a_HCH_5320MHz_Ant1_NTLV

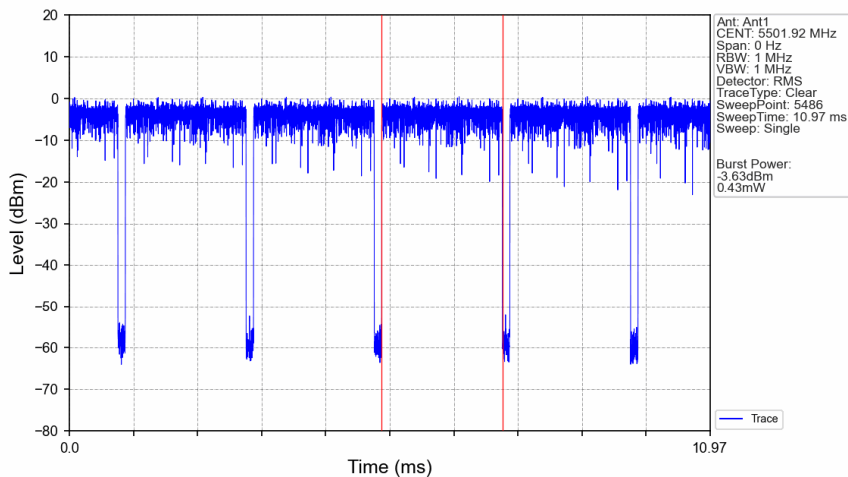


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.064	2.064
Power (dBm)	-4.01	-4.01	-4.00	-4.01
Power (mW)	0.397	0.397	0.398	0.397
Remark	/	/	Max	/

802.11a_LCH_5500MHz_Ant1_NTLV



802.11a_LCH_5500MHz_Ant1_NTLV



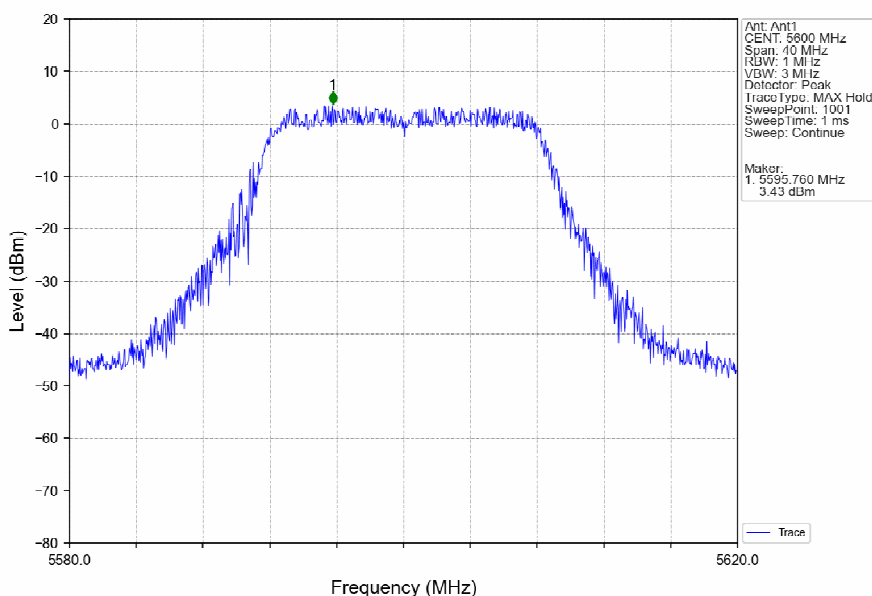
Burst No.	1	2	3	4
Length (ms)	2.064	2.064	2.064	2.064
Power (dBm)	-3.63	-3.63	-3.63	-3.63
Power (mW)	0.433	0.434	0.434	0.434
Remark	/	/	Max	/



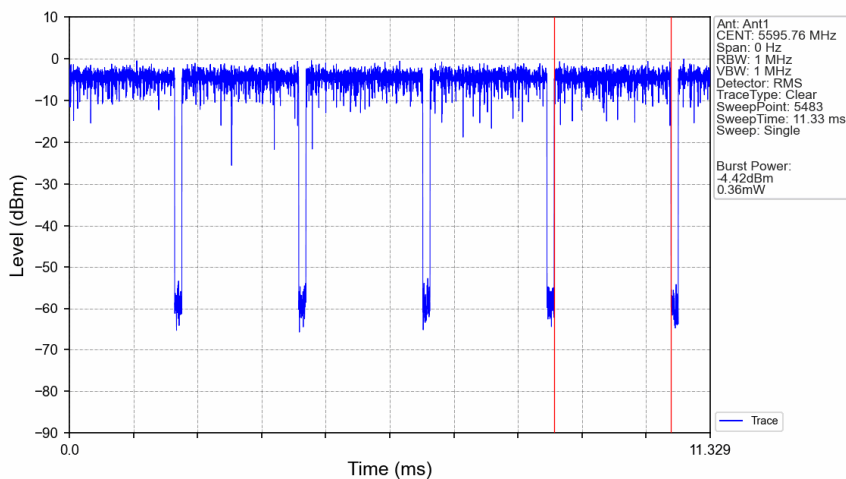
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802.11a_MCH_5600MHz_Ant1_NTLV



802.11a_MCH_5600MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	2.065	2.065	2.065	2.065
Power (dBm)	-4.42	-4.42	-4.42	-4.42
Power (mW)	0.361	0.361	0.361	0.362
Remark	/	/	/	Max



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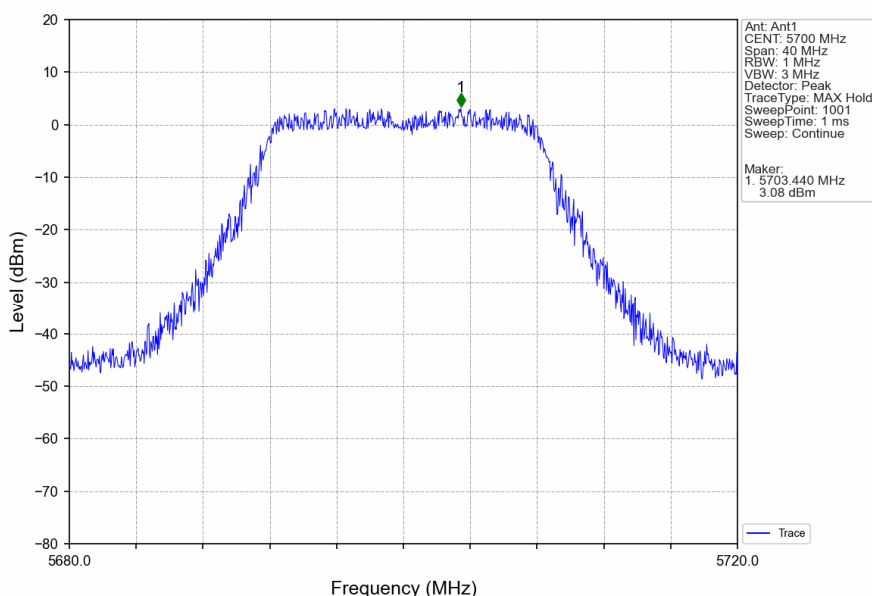
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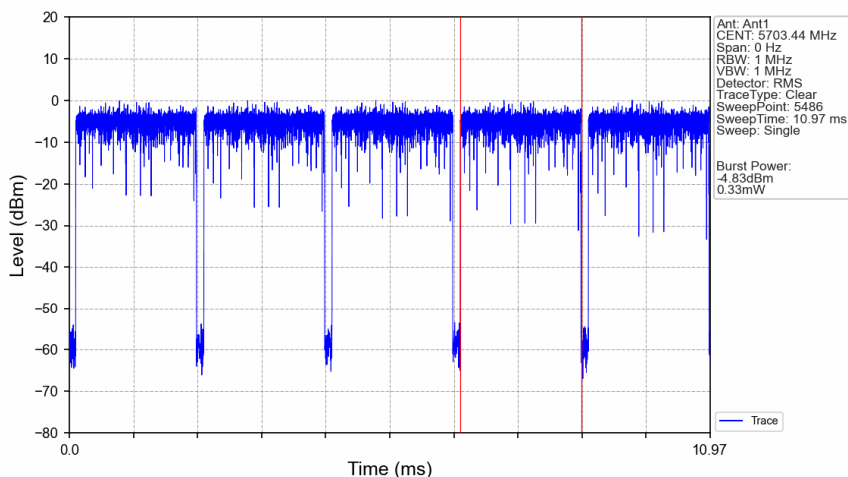
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802.11a_HCH_5700MHz_Ant1_NTLV



802.11a_HCH_5700MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	2.074	2.074	2.074	2.072
Power(dBm)	-4.85	-4.84	-4.84	-4.83
Power(mW)	0.328	0.328	0.328	0.329
Remark	/	/	/	Max



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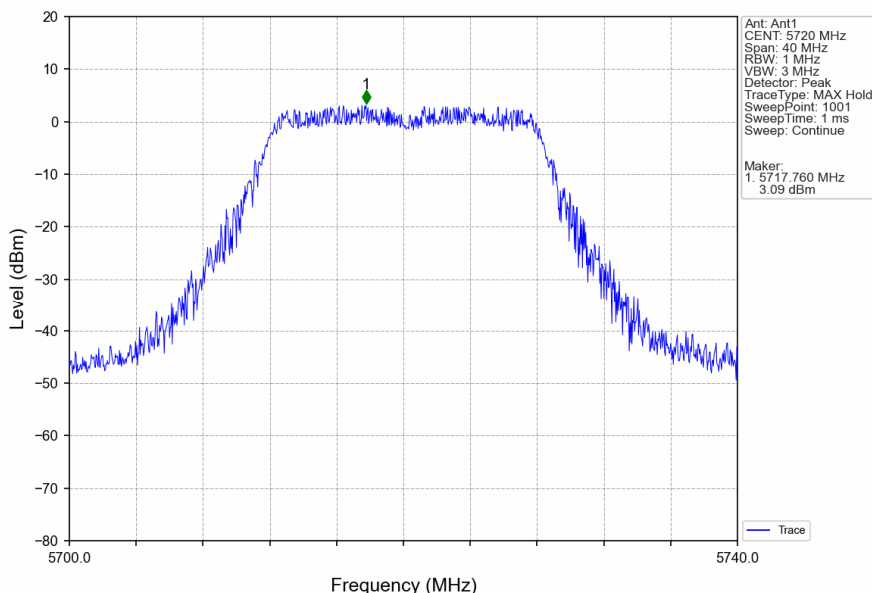
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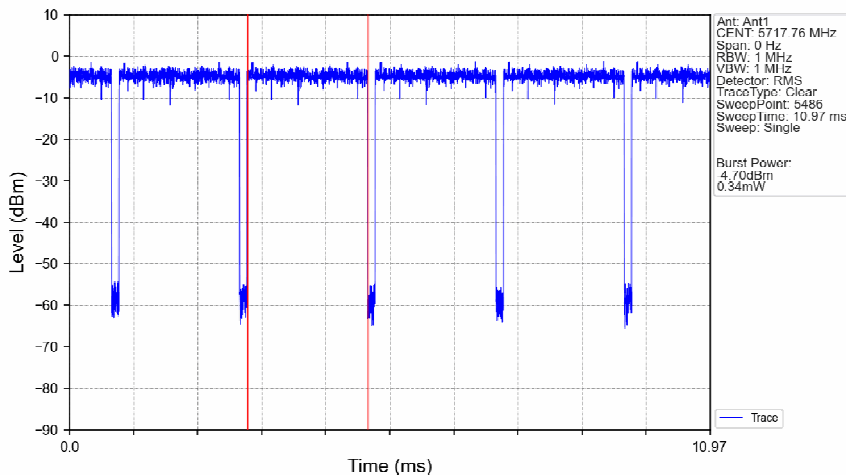
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802.11a_HHCH_5720MHz_Ant1_NTLV

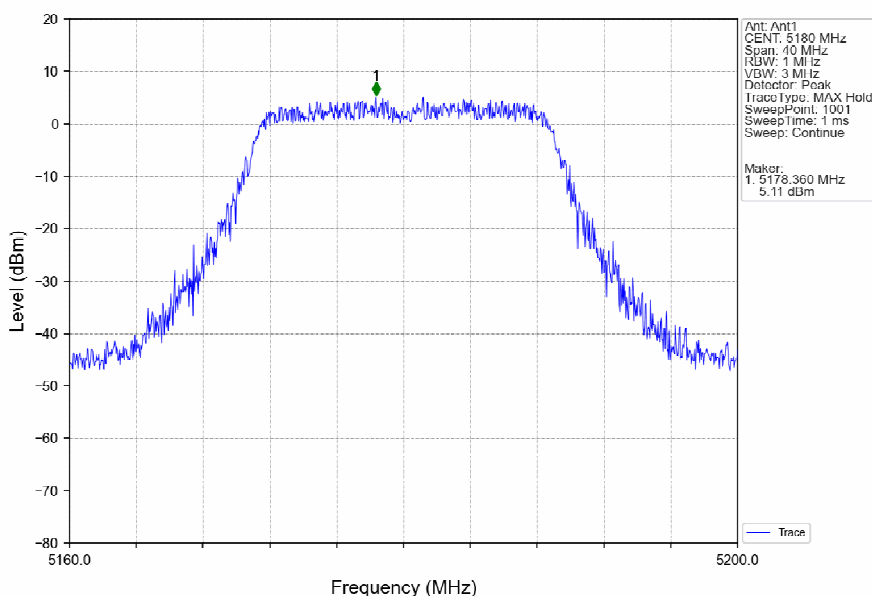


802.11a_HHCH_5720MHz_Ant1_NTLV

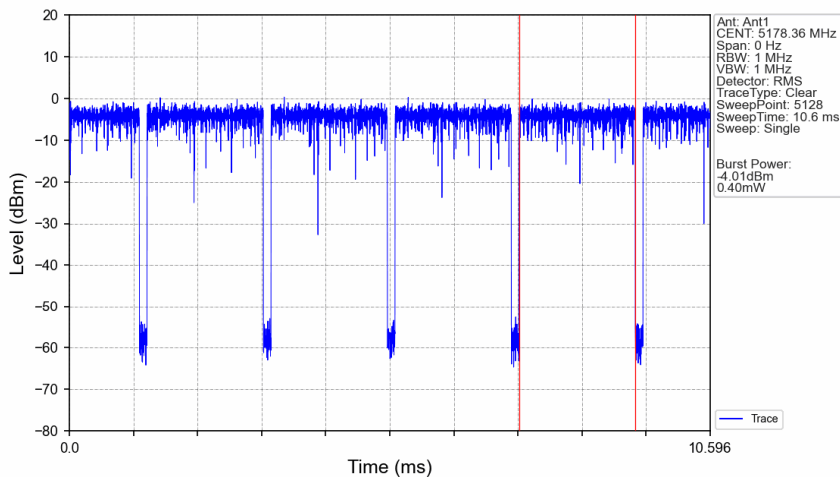


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power(dBm)	-4.70	-4.70	-4.70	-4.70
Power(mW)	0.339	0.339	0.339	0.339
Remark	/	Max	/	/

802.11n(HT20)_LCH_5180MHz_Ant1_NTLV



802.11n(HT20)_LCH_5180MHz_Ant1_NTLV



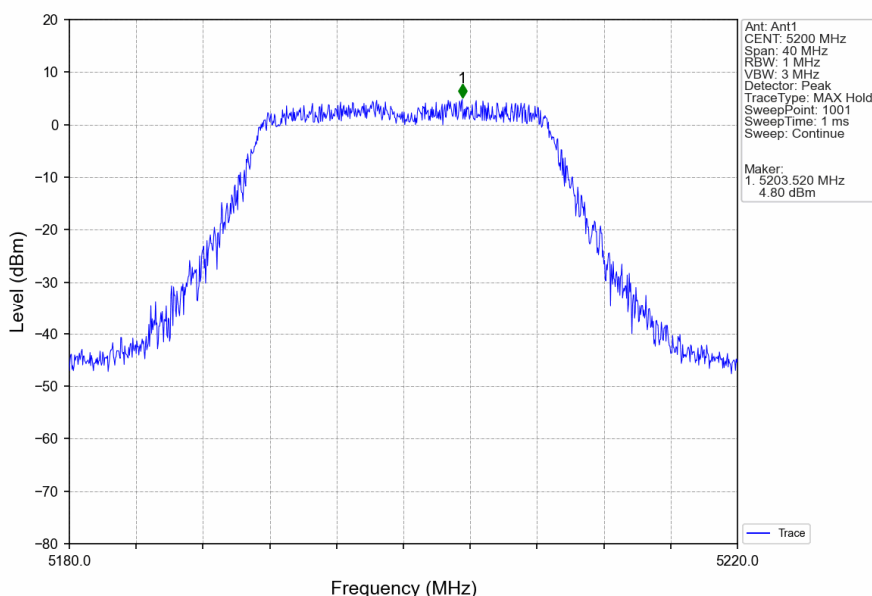
Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.920	1.920
Power (dBm)	-4.01	-4.01	-4.01	-4.01
Power (mW)	0.397	0.397	0.397	0.397
Remark	/	/	/	Max



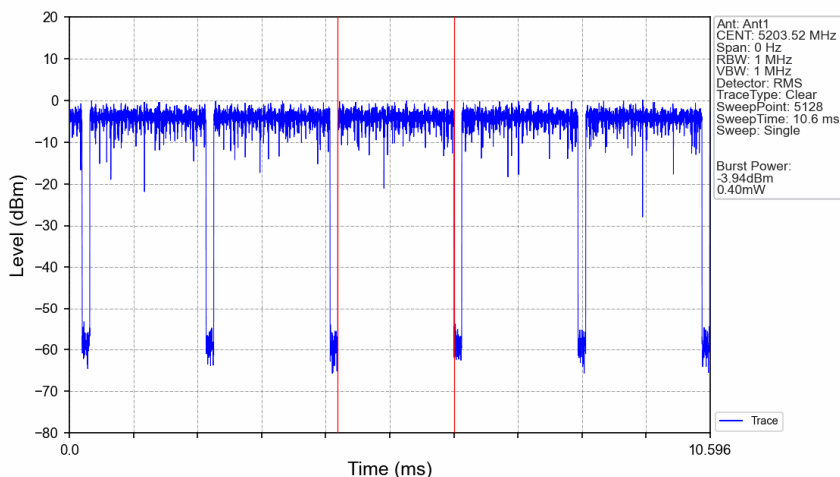
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802.11n(HT20)_MCH_5200MHz_Ant1_NTLV



802.11n(HT20)_MCH_5200MHz_Ant1_NTLV



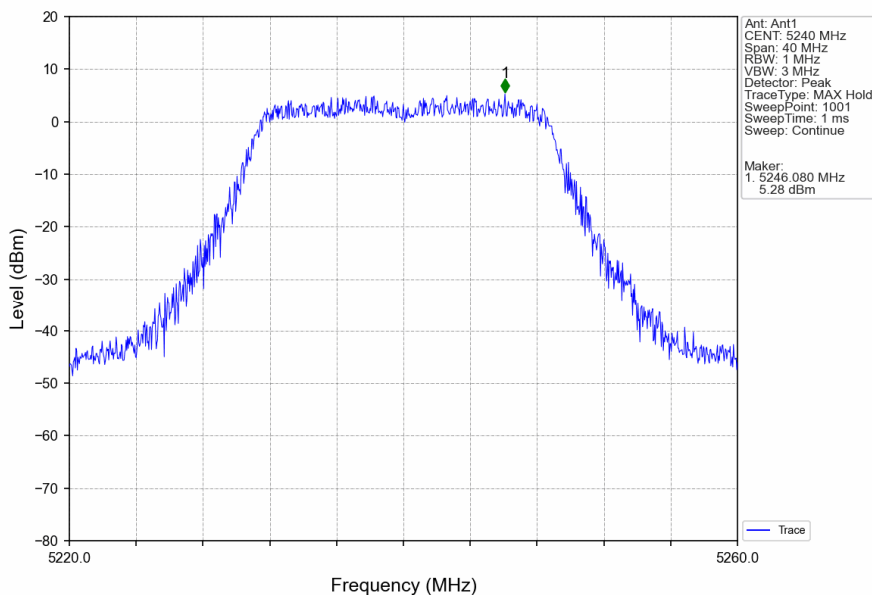
Burst No.	1	2	3	4	5
Length (ms)	1.920	1.920	1.920	1.920	1.920
Power(dBm)	-3.95	-3.95	-3.94	-3.94	-3.95
Power(mW)	0.403	0.403	0.404	0.404	0.403
Remark	/	/	Max	/	/



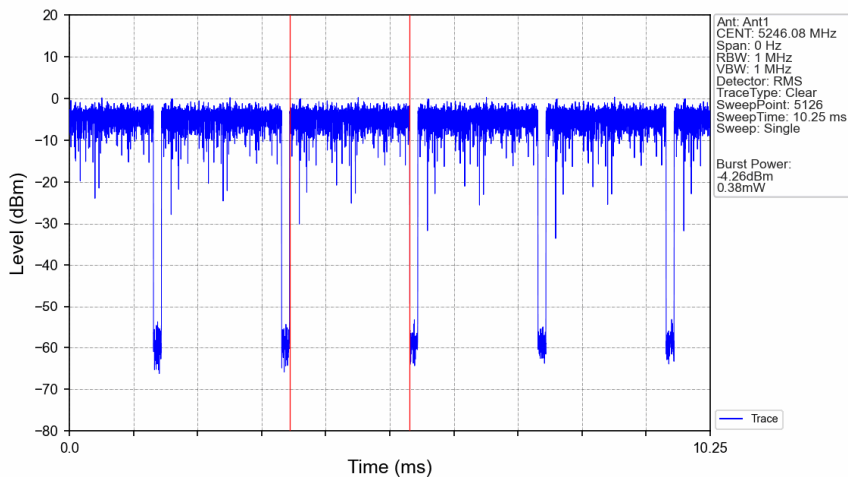
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802.11n(HT20)_HCH_5240MHz_Ant1_NTLV



802.11n(HT20)_HCH_5240MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-4.27	-4.26	-4.26	-4.26
Power(mW)	0.374	0.375	0.375	0.375
Remark	/	Max	/	/



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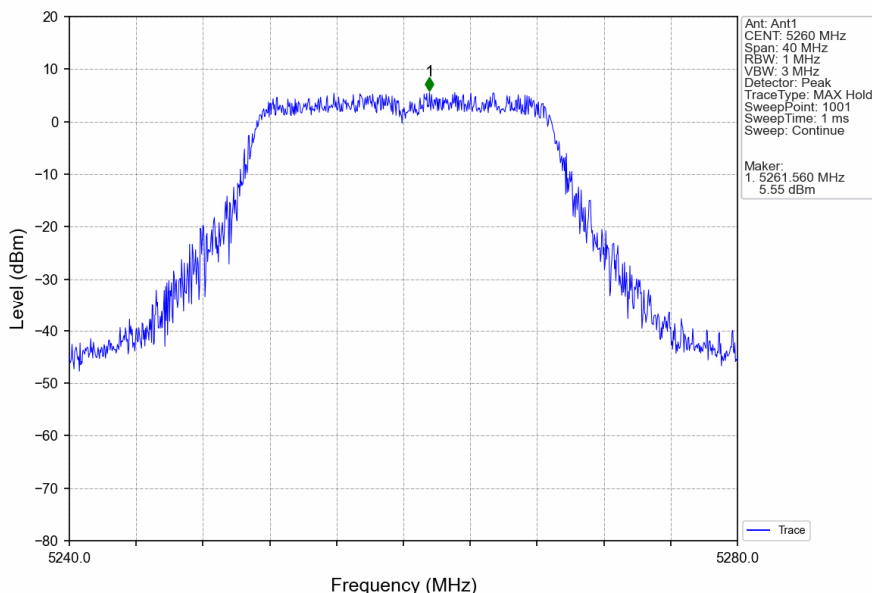
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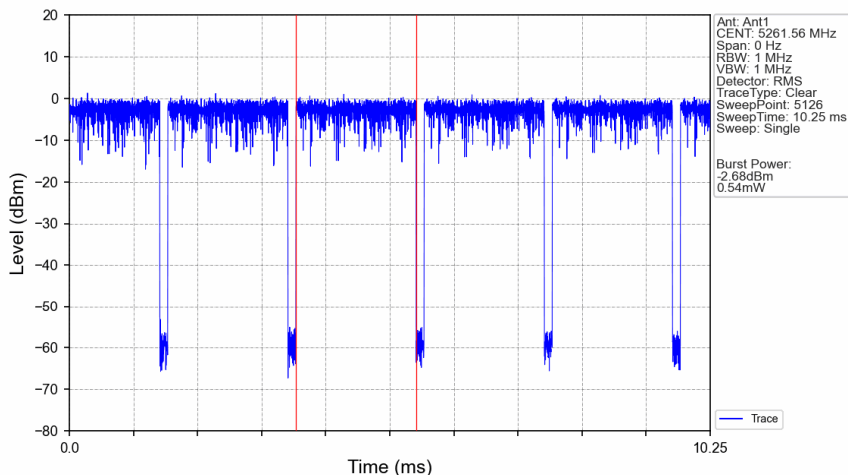
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802.11n(HT20)_LCH_5260MHz_Ant1_NTLV

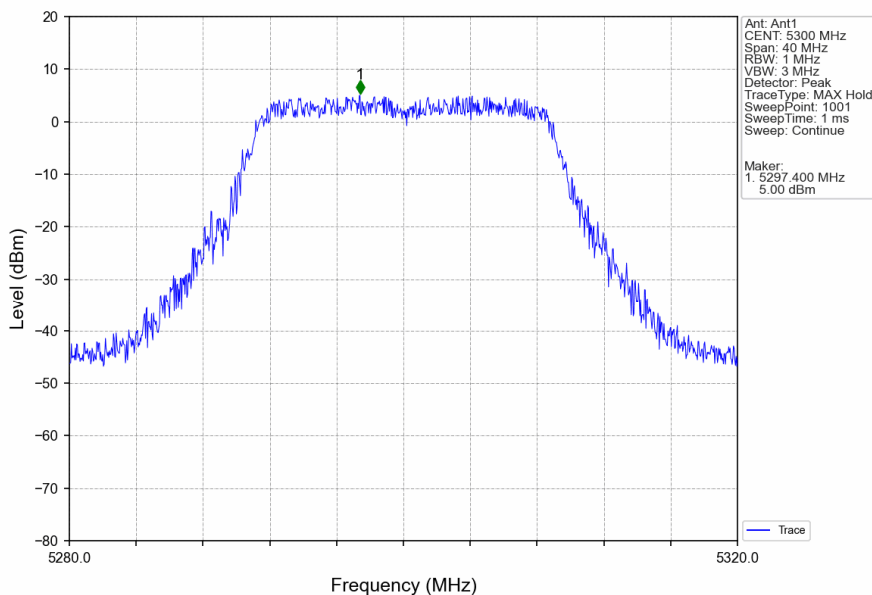


802.11n(HT20)_LCH_5260MHz_Ant1_NTLV

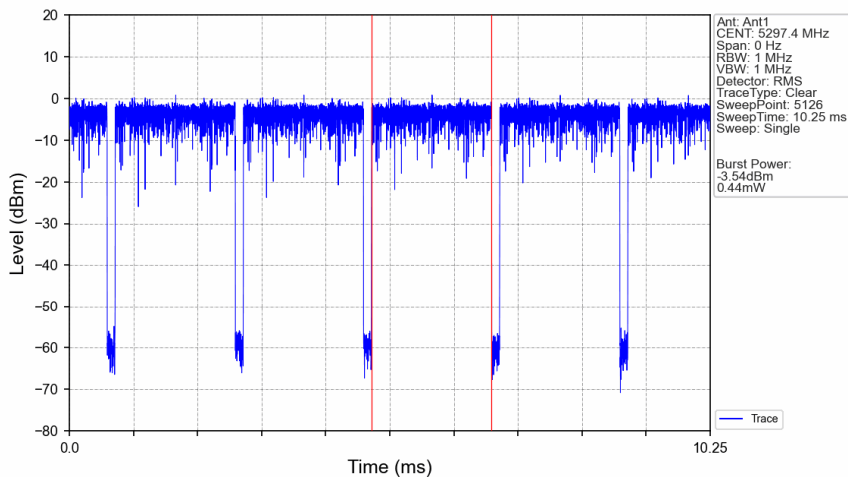


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power(dBm)	-2.69	-2.68	-2.69	-2.68
Power(mW)	0.538	0.539	0.538	0.539
Remark	/	Max	/	/

802.11n(HT20)_MCH_5300MHz_Ant1_NTLV



802.11n(HT20)_MCH_5300MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power (dBm)	-3.55	-3.55	-3.54	-3.55
Power (mW)	0.442	0.441	0.442	0.442
Remark	/	/	Max	/



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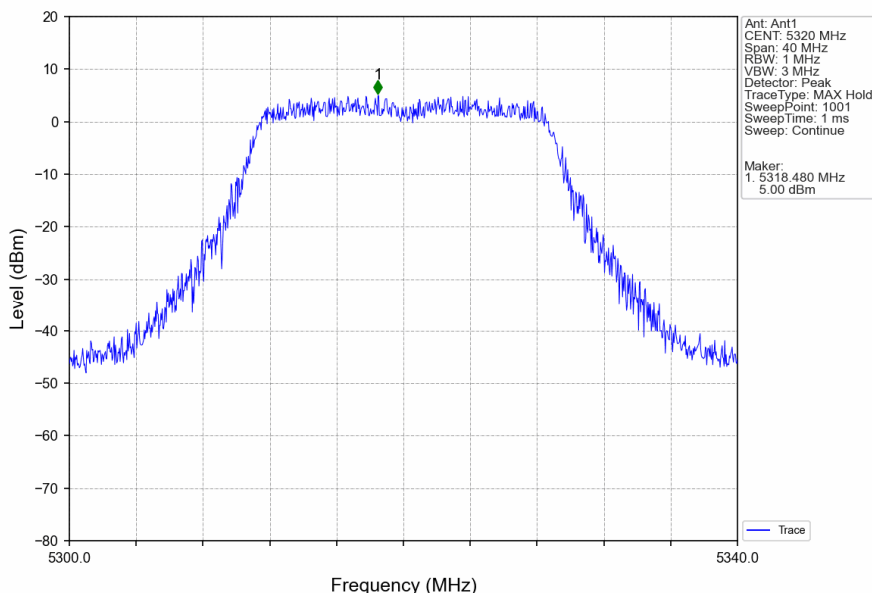
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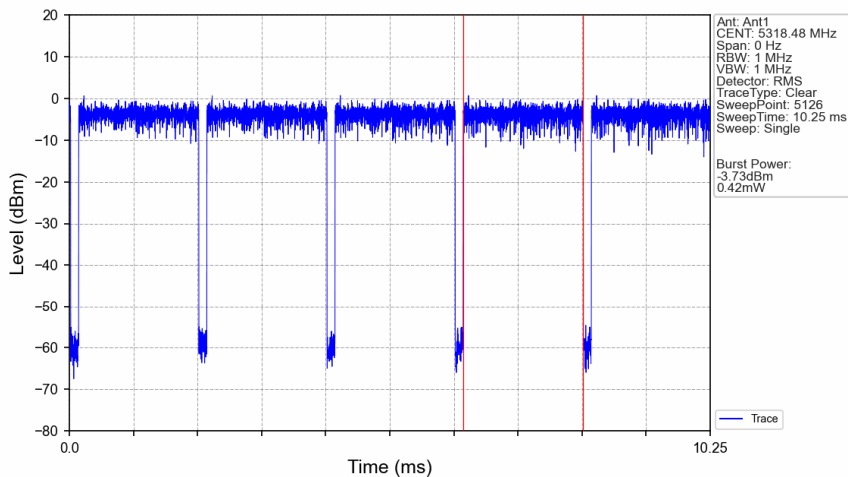
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802.11n(HT20)_HCH_5320MHz_Ant1_NTLV



802.11n(HT20)_HCH_5320MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-3.75	-3.75	-3.74	-3.73
Power(mW)	0.422	0.422	0.423	0.423
Remark	/	/	/	Max



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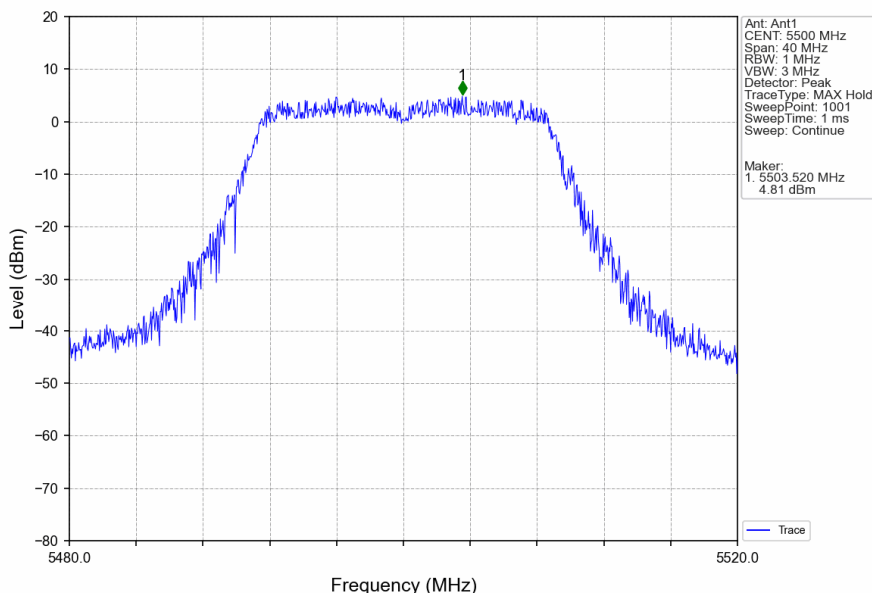
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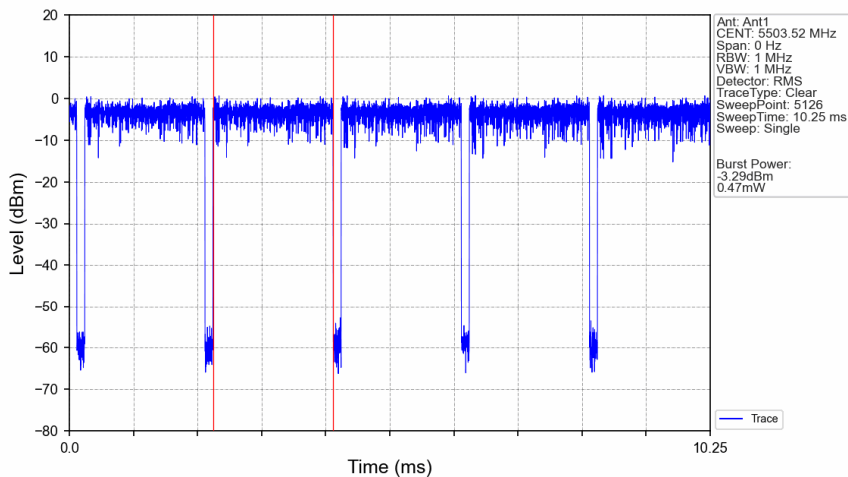
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802.11n(HT20)_LCH_5500MHz_Ant1_NTLV



802.11n(HT20)_LCH_5500MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-3.29	-3.29	-3.29	-3.29
Power(mW)	0.469	0.469	0.469	0.469
Remark	/	Max	/	/



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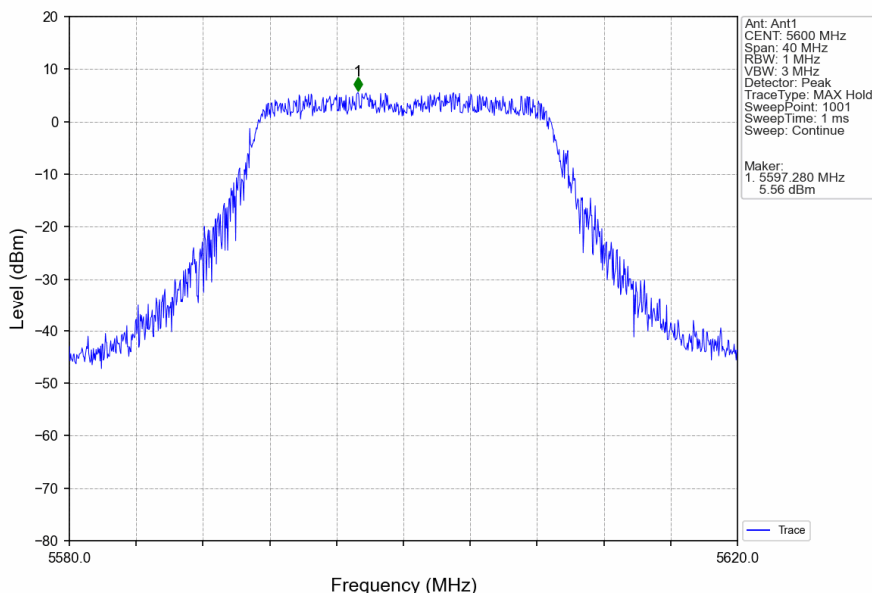
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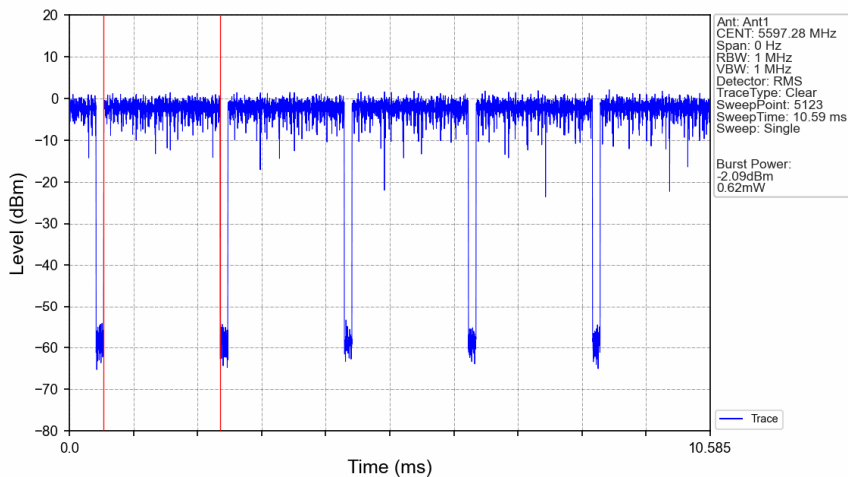
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802.11n(HT20)_MCH_5600MHz_Ant1_NTLV

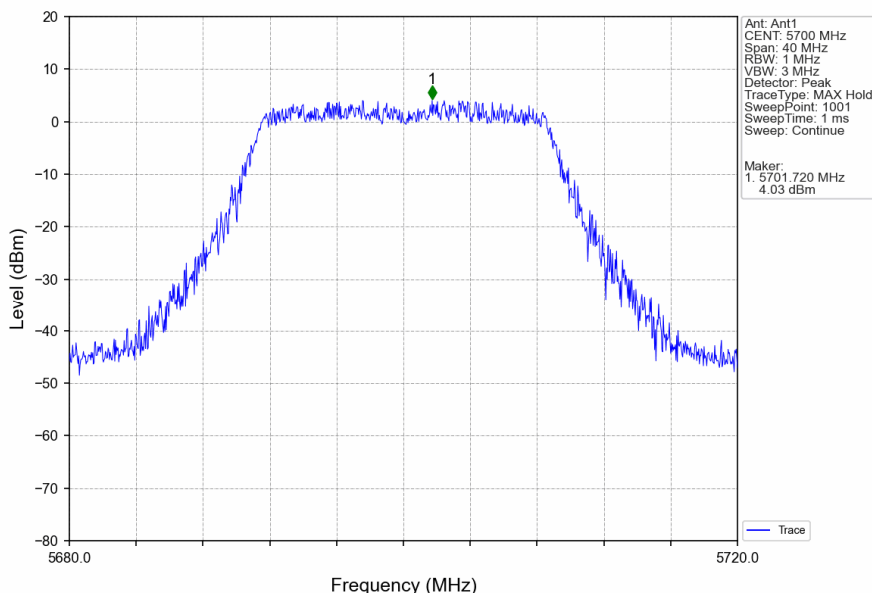


802.11n(HT20)_MCH_5600MHz_Ant1_NTLV

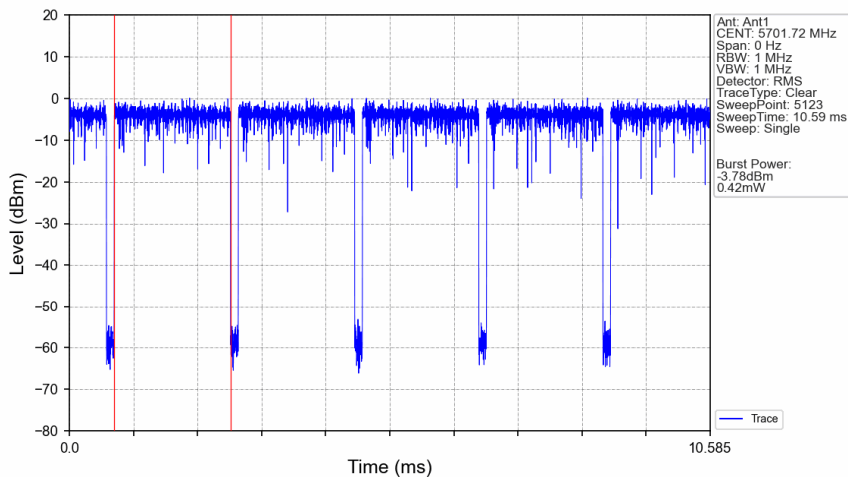


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power(dBm)	-2.09	-2.09	-2.09	-2.09
Power(mW)	0.618	0.618	0.617	0.618
Remark	Max	/	/	/

802.11n(HT20)_HCH_5700MHz_Ant1_NTLV



802.11n(HT20)_HCH_5700MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.922	1.922
Power(dBm)	-3.78	-3.79	-3.78	-3.79
Power(mW)	0.419	0.418	0.418	0.418
Remark	Max	/	/	/



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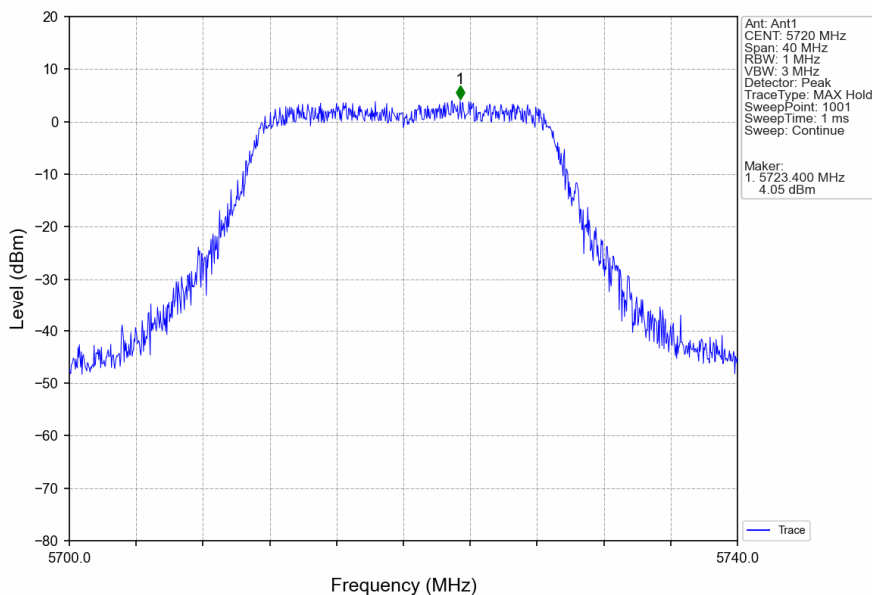
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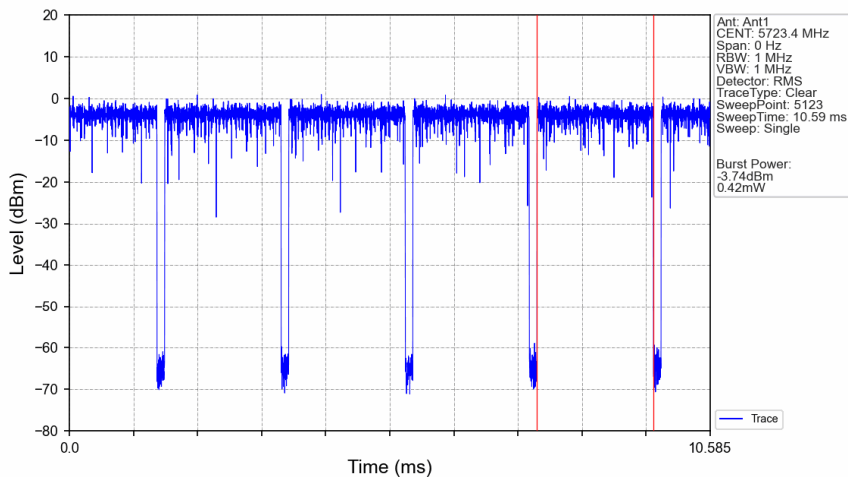
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802.11n(HT20)_HHCH_5720MHz_Ant1_NTLV

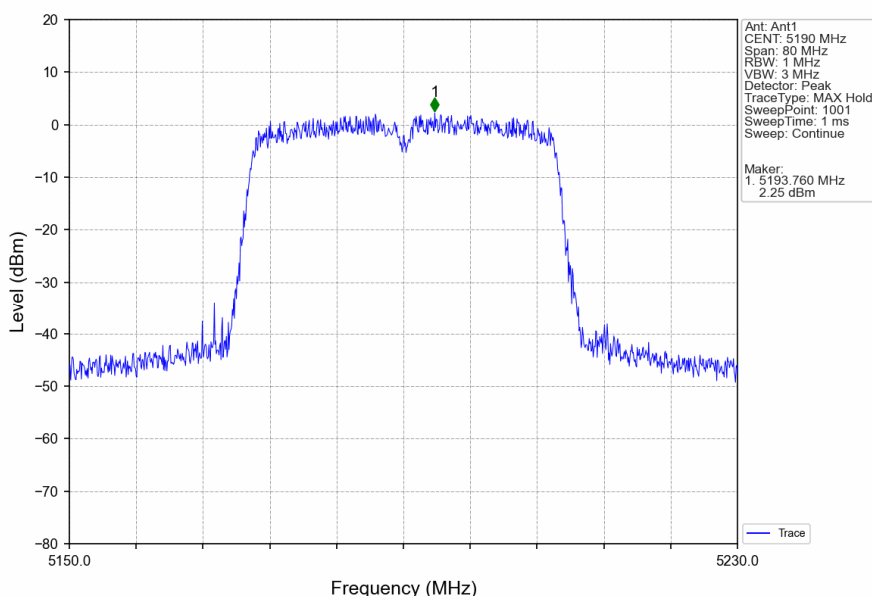


802.11n(HT20)_HHCH_5720MHz_Ant1_NTLV

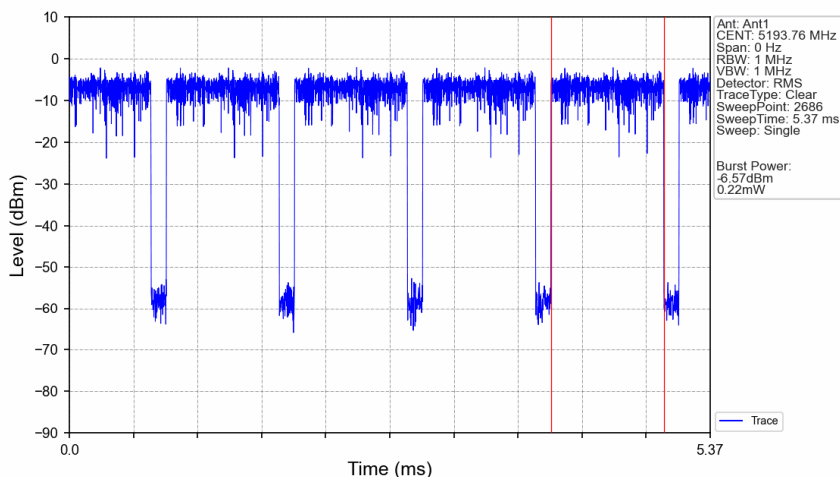


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power (dBm)	-3.74	-3.74	-3.74	-3.74
Power (mW)	0.423	0.423	0.423	0.423
Remark	/	/	/	Max

802.11n(HT40)_LCH_5190MHz_Ant1_NTLV

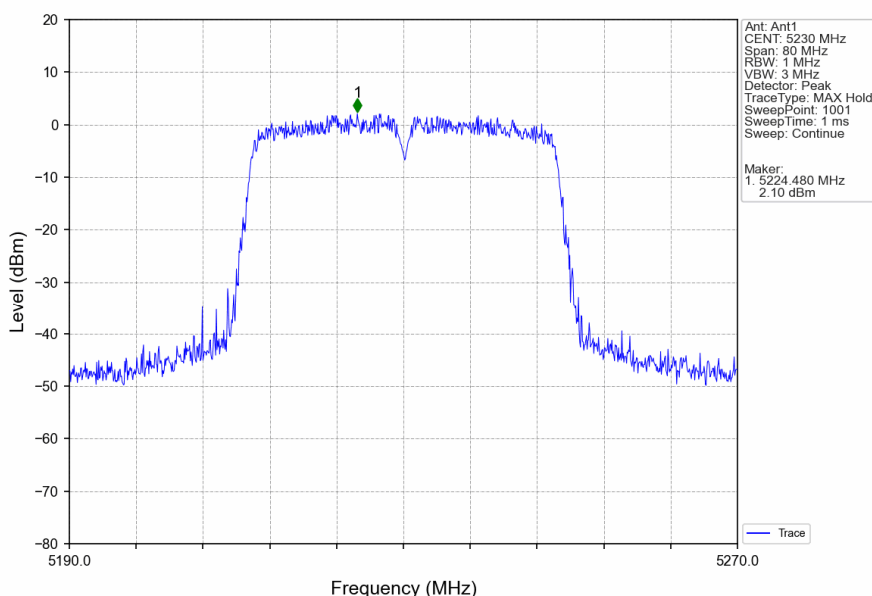


802.11n(HT40)_LCH_5190MHz_Ant1_NTLV

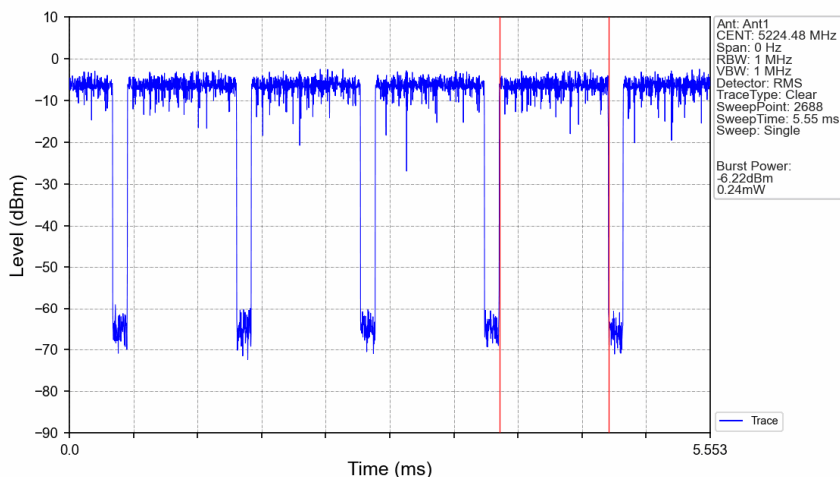


Burst No.	1	2	3	4
Length (ms)	0.944	0.944	0.944	0.944
Power(dBm)	-6.58	-6.58	-6.58	-6.57
Power(mW)	0.220	0.220	0.220	0.220
Remark	/	/	/	Max

802.11n(HT40)_HCH_5230MHz_Ant1_NTLV

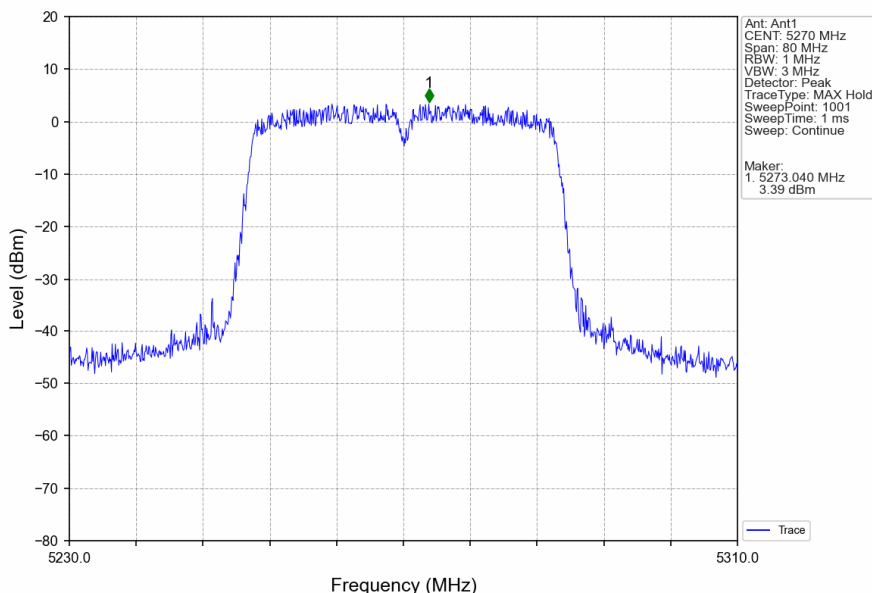


802.11n(HT40)_HCH_5230MHz_Ant1_NTLV

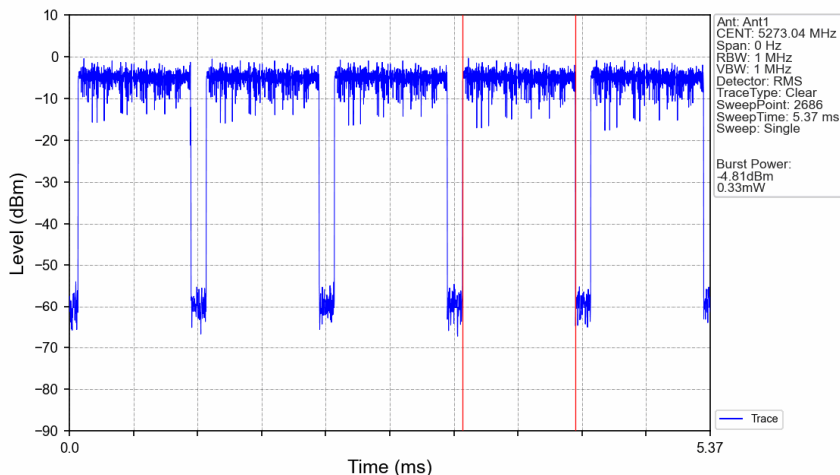


Burst No.	1	2	3	4
Length (ms)	0.947	0.944	0.944	0.944
Power(dBm)	-6.23	-6.22	-6.23	-6.22
Power(mW)	0.238	0.239	0.238	0.239
Remark	/	/	/	Max

802.11n(HT40)_LCH_5270MHz_Ant1_NTLV



802.11n(HT40)_LCH_5270MHz_Ant1_NTLV



Burst No.	1	2	3	4	5
Length (ms)	0.944	0.944	0.944	0.944	0.944
Power(dBm)	-4.82	-4.82	-4.81	-4.81	-4.81
Power(mW)	0.330	0.330	0.330	0.331	0.331
Remark	/	/	/	Max	/



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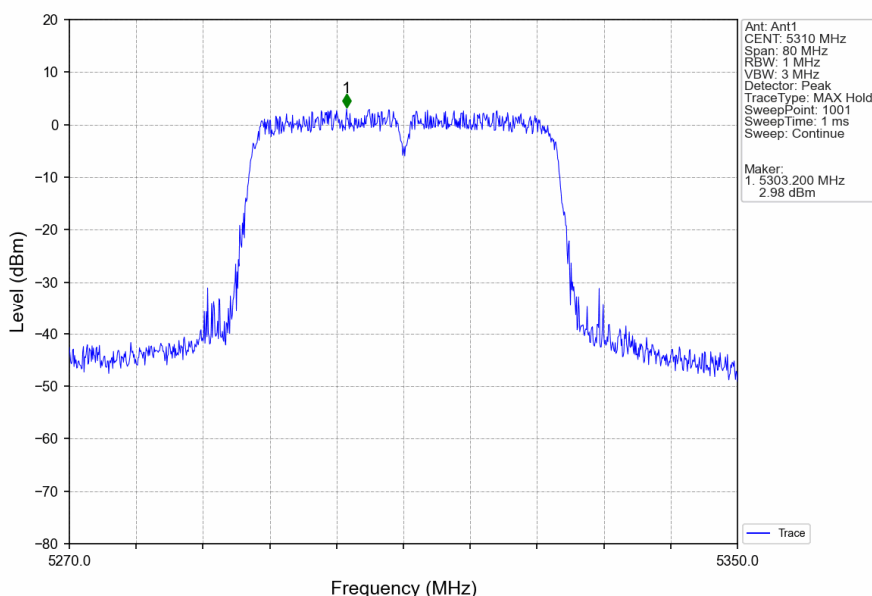
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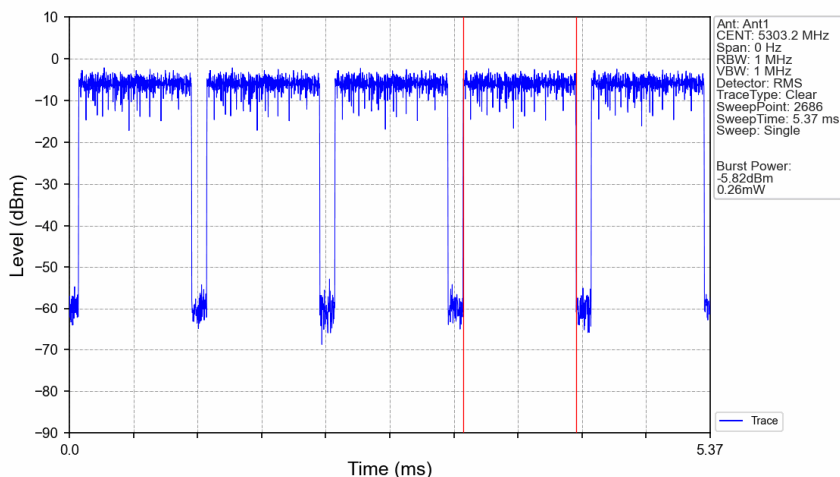
No.193, Kexhe Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路193号 邮编: 510663

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802.11n(HT40)_HCH_5310MHz_Ant1_NTLV



802.11n(HT40)_HCH_5310MHz_Ant1_NTLV



Burst No.	1	2	3	4	5
Length (ms)	0.946	0.946	0.946	0.946	0.946
Power(dBm)	-5.84	-5.84	-5.84	-5.82	-5.82
Power(mW)	0.260	0.260	0.261	0.262	0.262
Remark	/	/	/	Max	/



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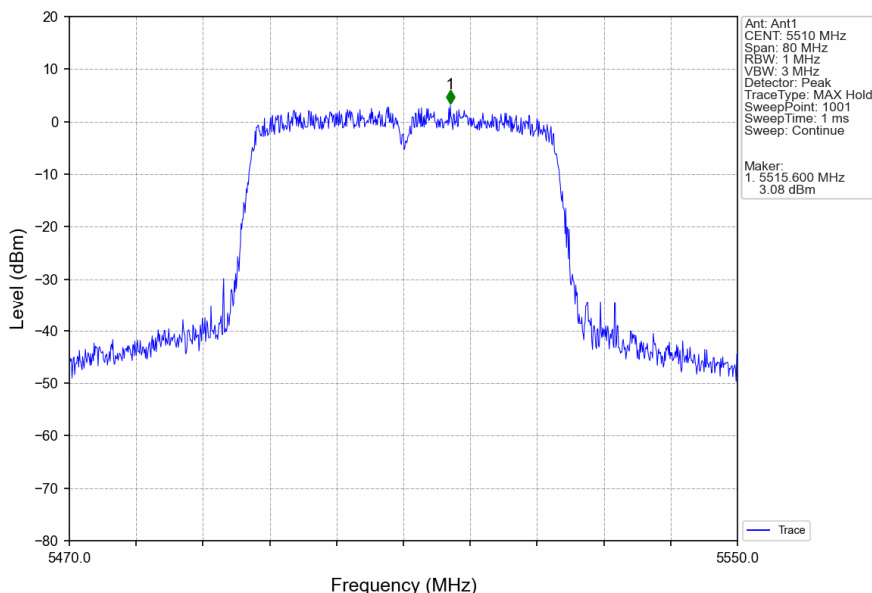
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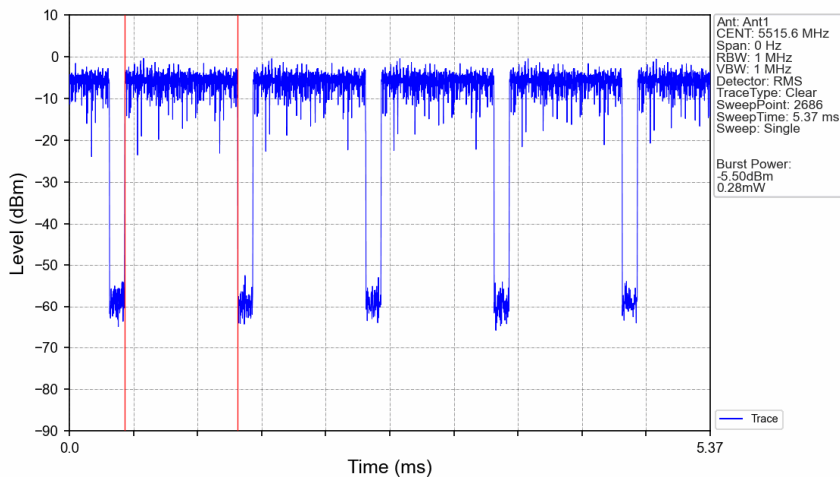
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802.11n(HT40)_LCH_5510MHz_Ant1_NTLV



802.11n(HT40)_LCH_5510MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.946	0.946
Power(dBm)	-5.50	-5.51	-5.50	-5.51
Power(mW)	0.282	0.281	0.282	0.281
Remark	Max	/	/	/



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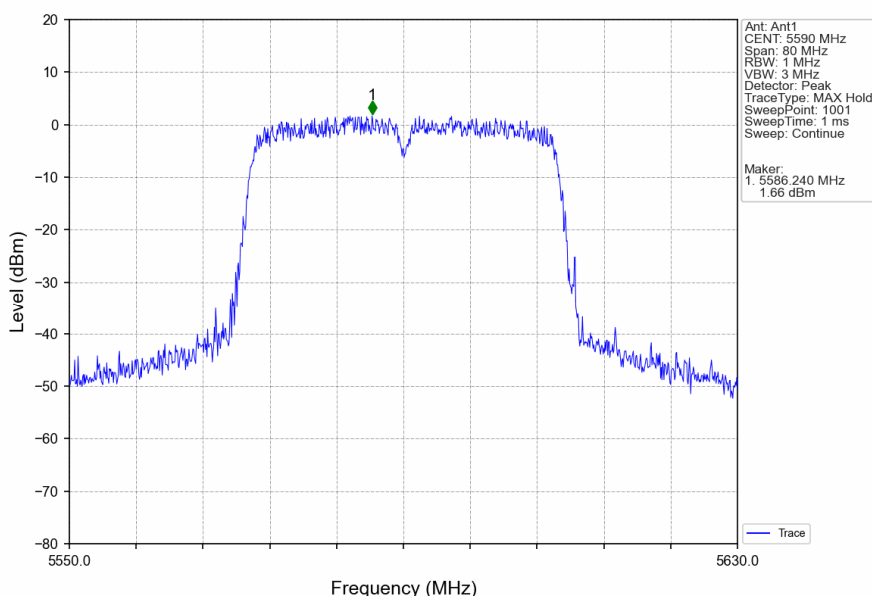
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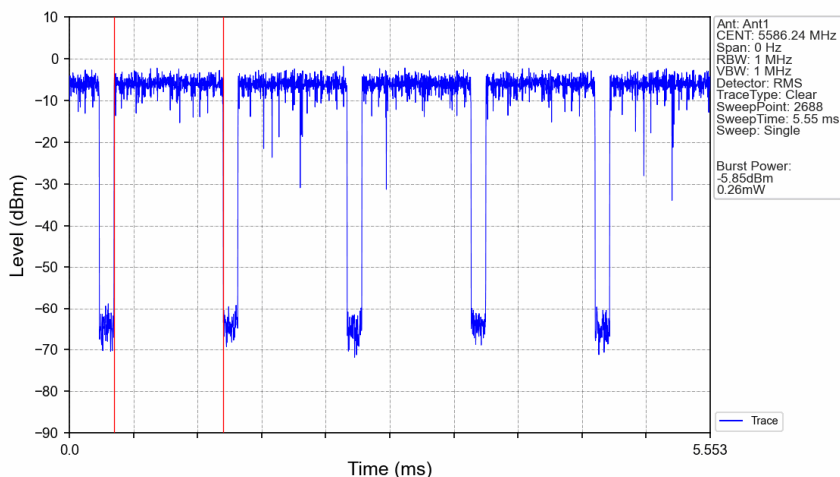
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802.11n(HT40)_MCH_5590MHz_Ant1_NTLV



802.11n(HT40)_MCH_5590MHz_Ant1_NTLV



Burst No.	1	2	3	4
Length (ms)	0.944	0.944	0.944	0.944
Power (dBm)	-5.85	-5.85	-5.85	-5.85
Power (mW)	0.260	0.260	0.260	0.260
Remark	Max	/	/	/



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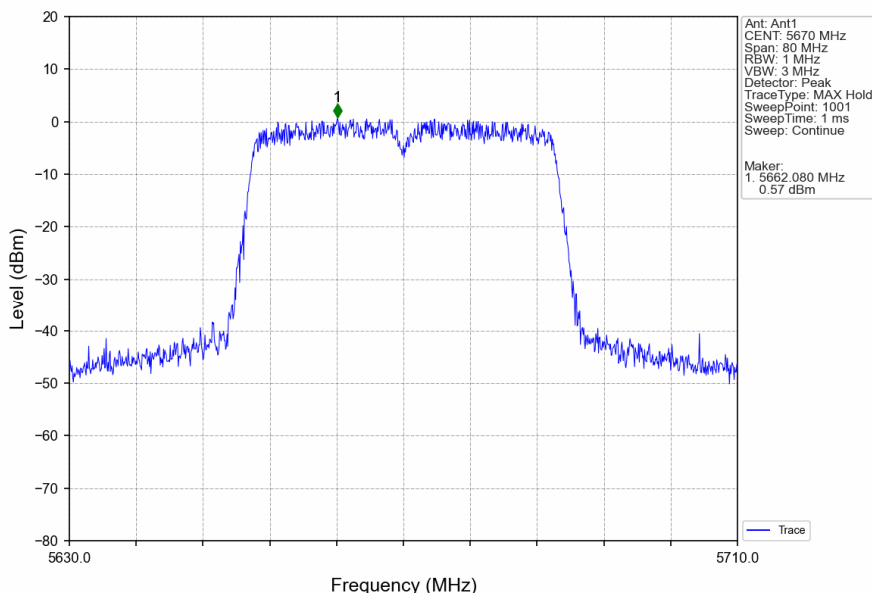
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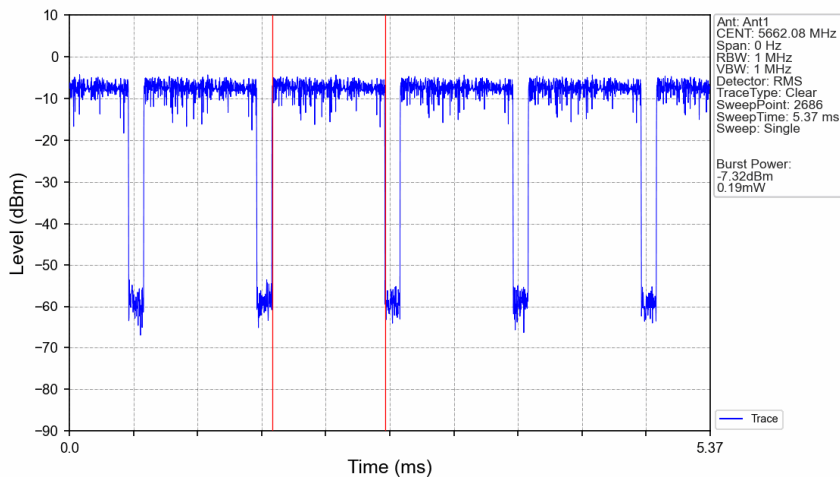
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802.11n(HT40)_HCH_5670MHz_Ant1_NTLV

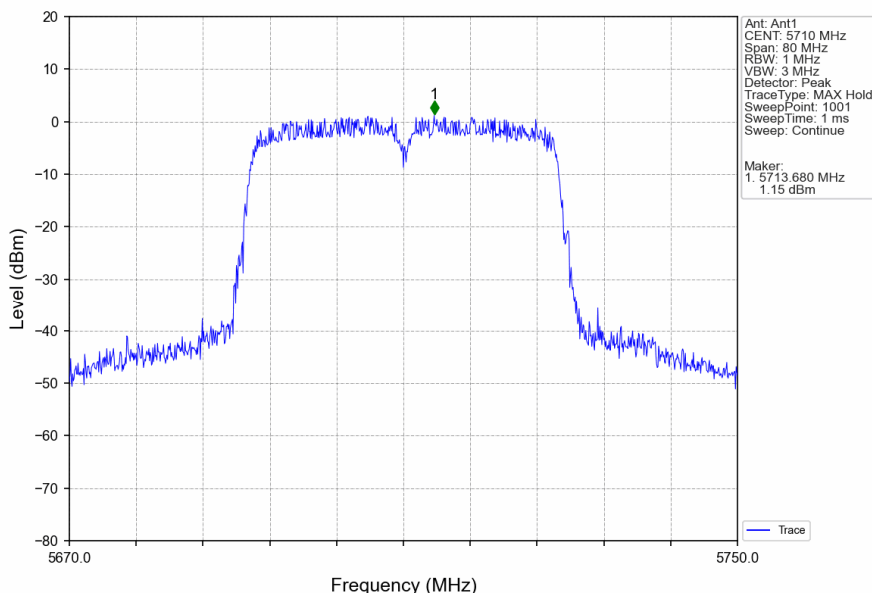


802.11n(HT40)_HCH_5670MHz_Ant1_NTLV

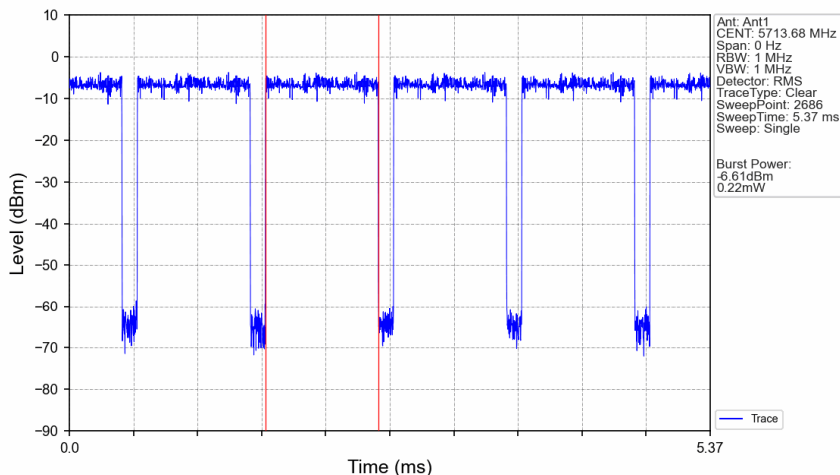


Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.946	0.946
Power(dBm)	-7.33	-7.32	-7.33	-7.33
Power(mW)	0.185	0.185	0.185	0.185
Remark	/	Max	/	/

802.11n(HT40)_HHCH_5710MHz_Ant1_NTLV

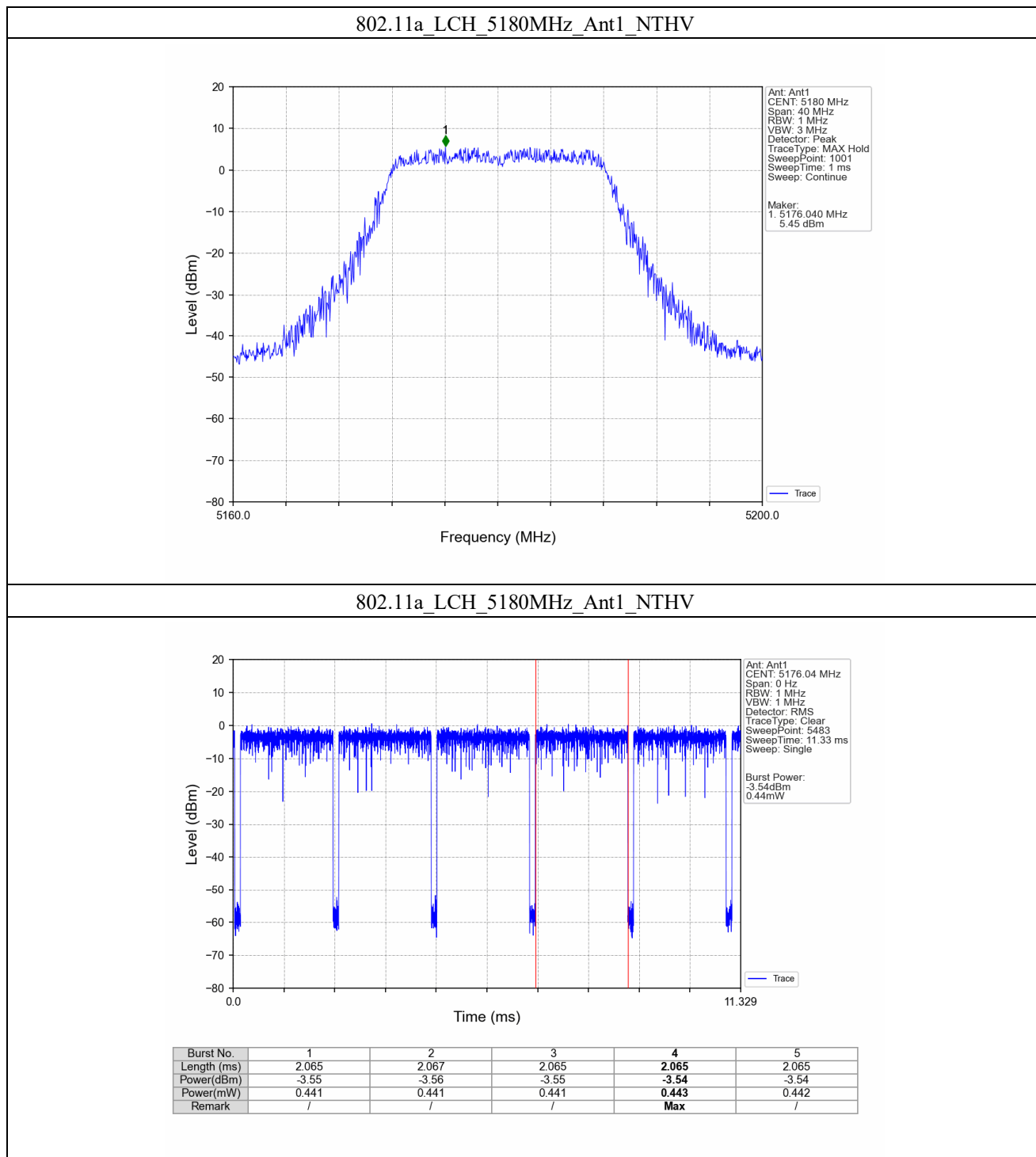


802.11n(HT40)_HHCH_5710MHz_Ant1_NTLV

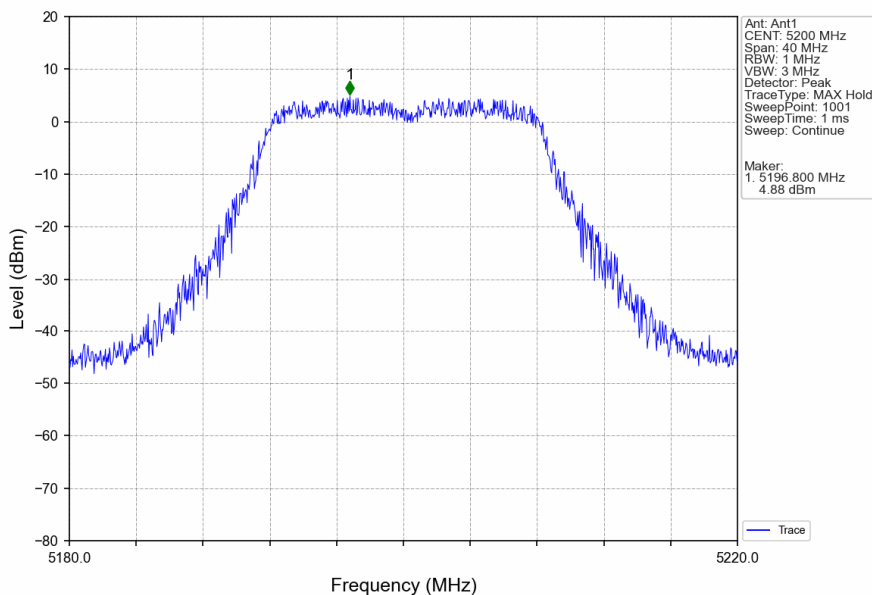


Burst No.	1	2	3	4
Length (ms)	0.946	0.944	0.946	0.946
Power(dBm)	-6.62	-6.61	-6.62	-6.61
Power(mW)	0.218	0.218	0.218	0.218
Remark	/	Max	/	/

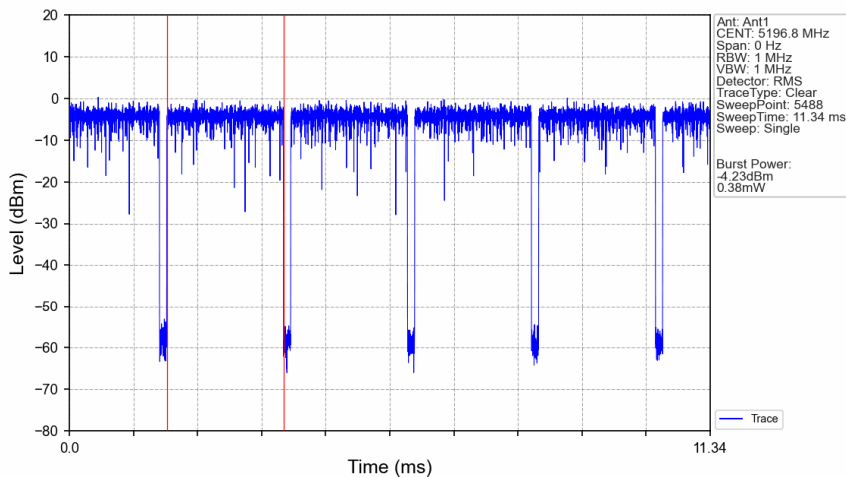
3.2.3 Power_NTHV



802.11a_MCH_5200MHz_Ant1_NTHV

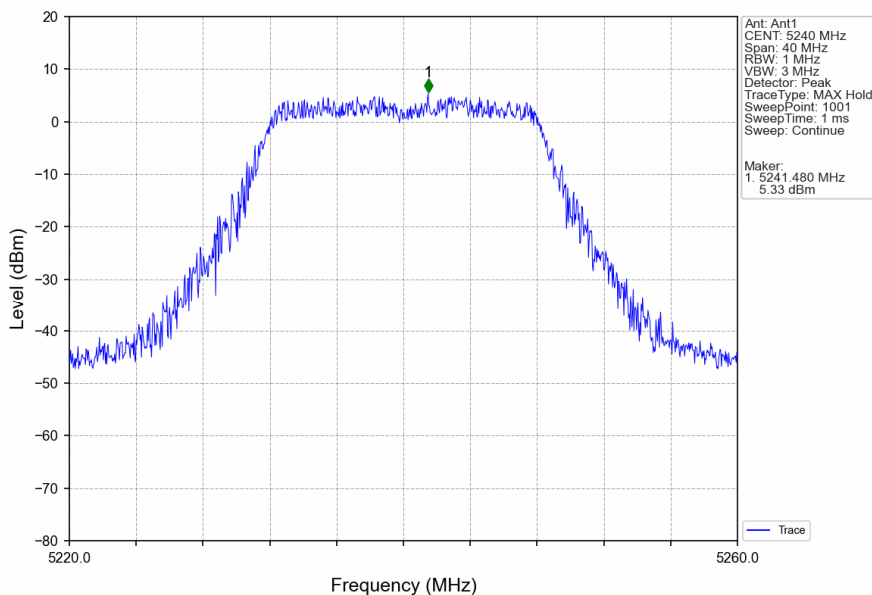


802.11a_MCH_5200MHz_Ant1_NTHV

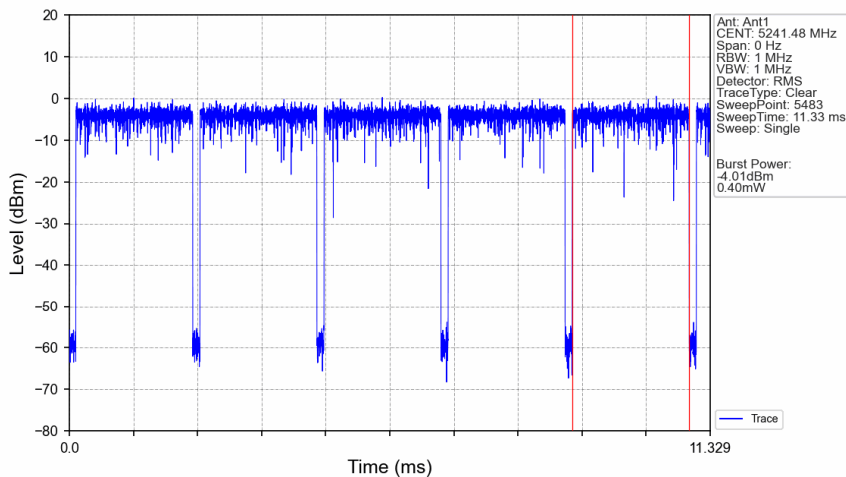


Burst No.	1	2	3	4
Length (ms)	2.065	2.065	2.065	2.065
Power(dBm)	-4.23	-4.23	-4.23	-4.24
Power(mW)	0.378	0.377	0.377	0.377
Remark	Max	/	/	/

802.11a_HCH_5240MHz_Ant1_NTHV

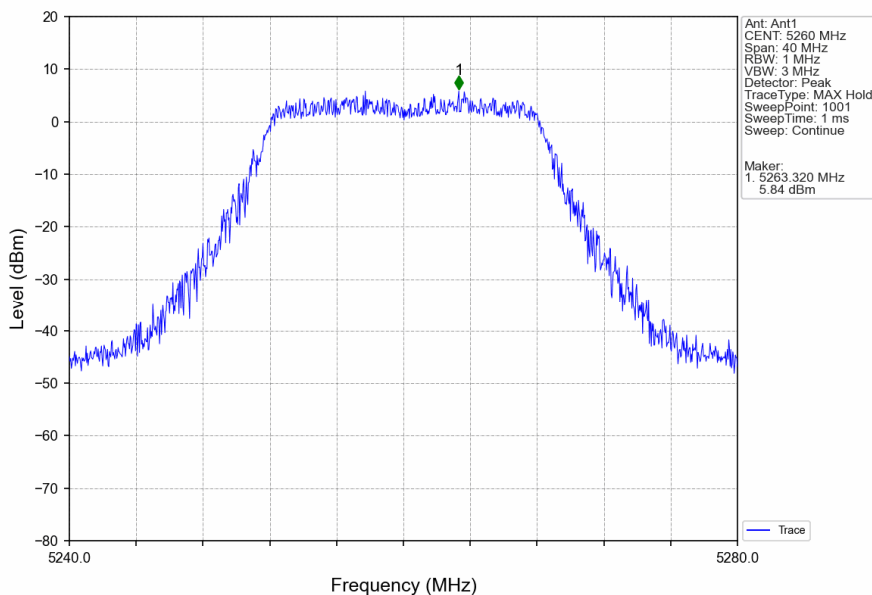


802.11a_HCH_5240MHz_Ant1_NTHV

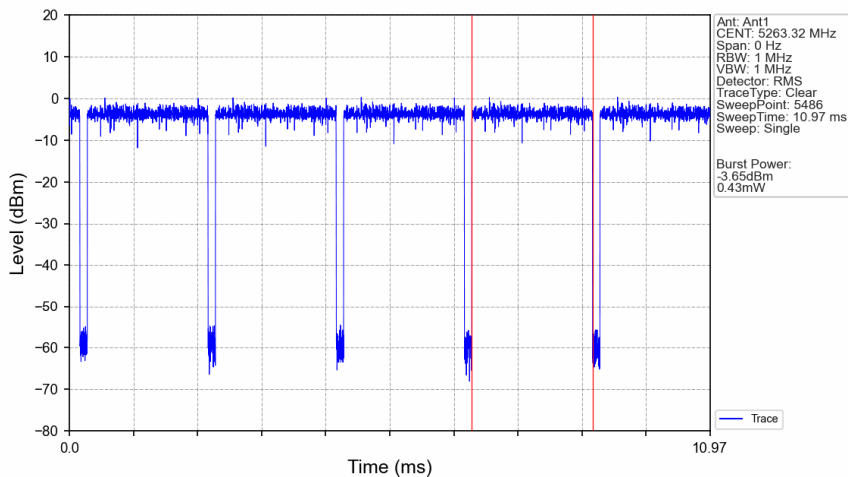


Burst No.	1	2	3	4	5
Length (ms)	2.065	2.065	2.065	2.065	2.067
Power (dBm)	-4.03	-4.02	-4.02	-4.02	-4.01
Power (mW)	0.395	0.396	0.396	0.396	0.397
Remark	/	/	/	/	Max

802.11a_LCH_5260MHz_Ant1_NTHV

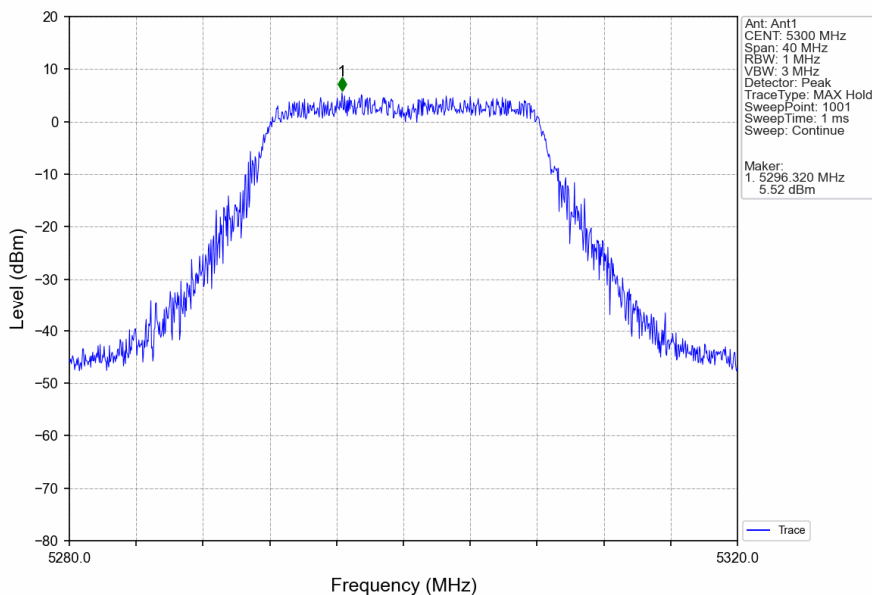


802.11a_LCH_5260MHz_Ant1_NTHV

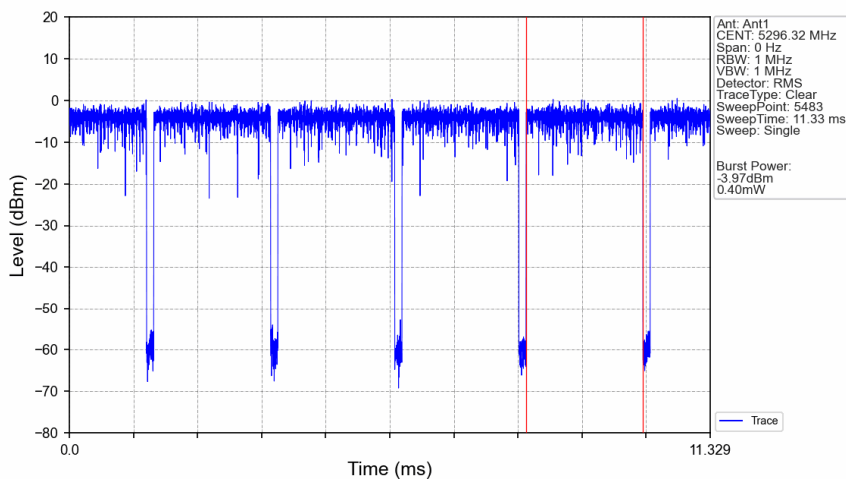


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power (dBm)	-3.67	-3.66	-3.65	-3.65
Power (mW)	0.430	0.430	0.432	0.432
Remark	/	/	/	Max

802.11a_MCH_5300MHz_Ant1_NTHV

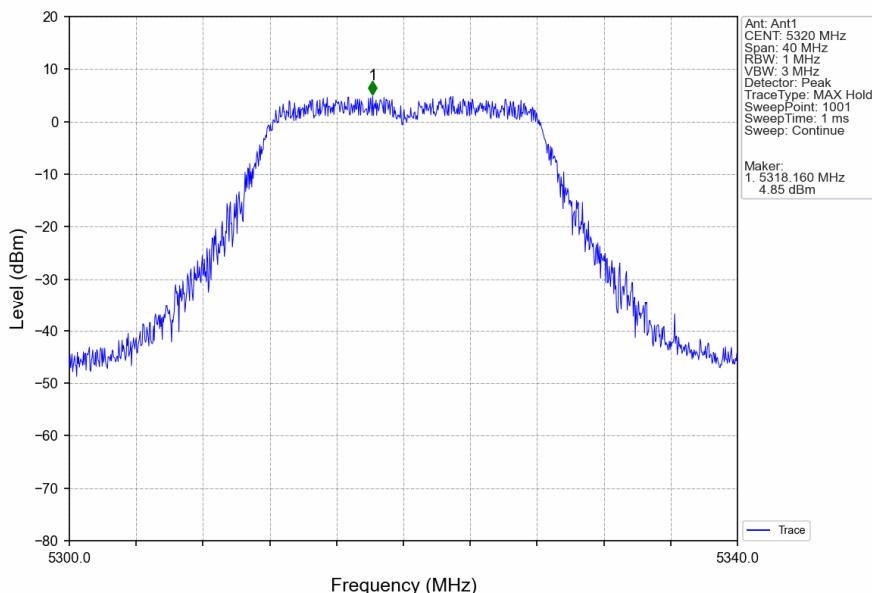


802.11a_MCH_5300MHz_Ant1_NTHV

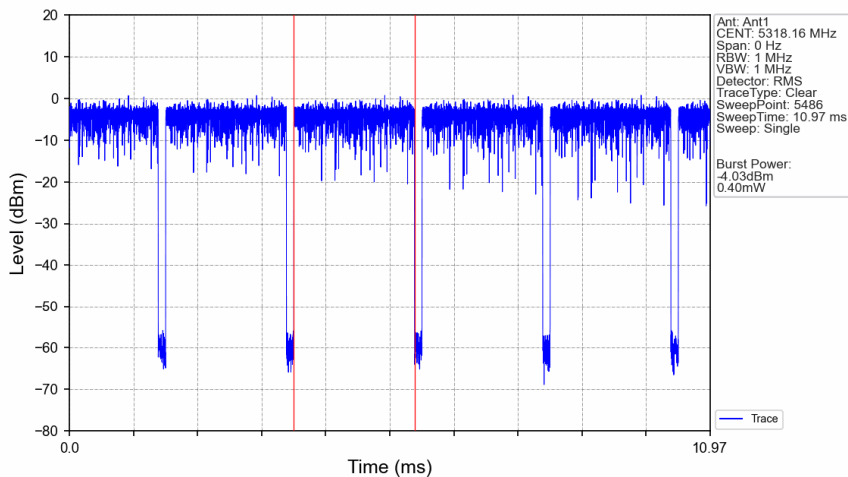


Burst No.	1	2	3	4
Length (ms)	2.067	2.065	2.065	2.065
Power(dBm)	-3.99	-3.98	-3.98	-3.97
Power(mW)	0.399	0.400	0.400	0.401
Remark	/	/	/	Max

802.11a_HCH_5320MHz_Ant1_NTHV

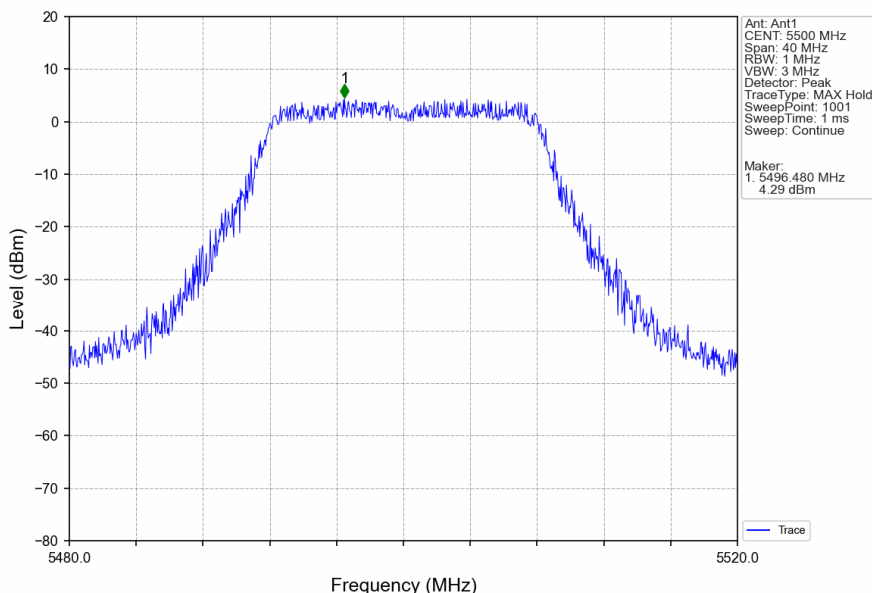


802.11a_HCH_5320MHz_Ant1_NTHV

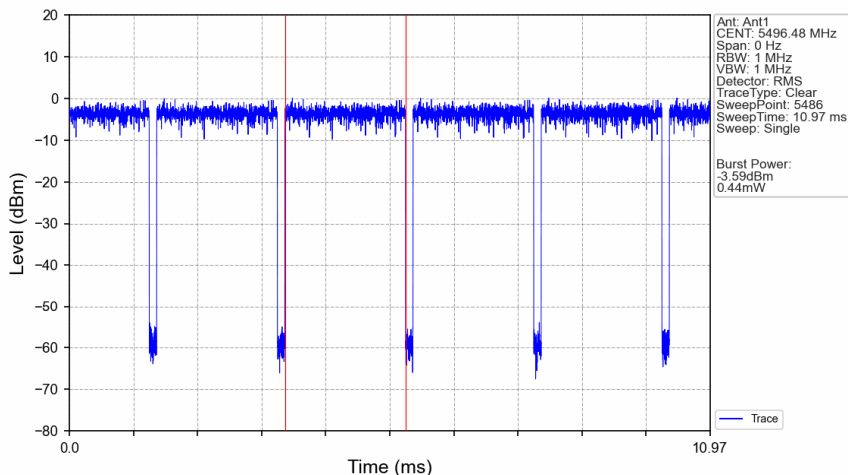


Burst No.	1	2	3	4
Length (ms)	2.064	2.064	2.064	2.064
Power(dBm)	-4.03	-4.03	-4.03	-4.03
Power(mW)	0.395	0.396	0.395	0.395
Remark	/	Max	/	/

802.11a_LCH_5500MHz_Ant1_NTHV

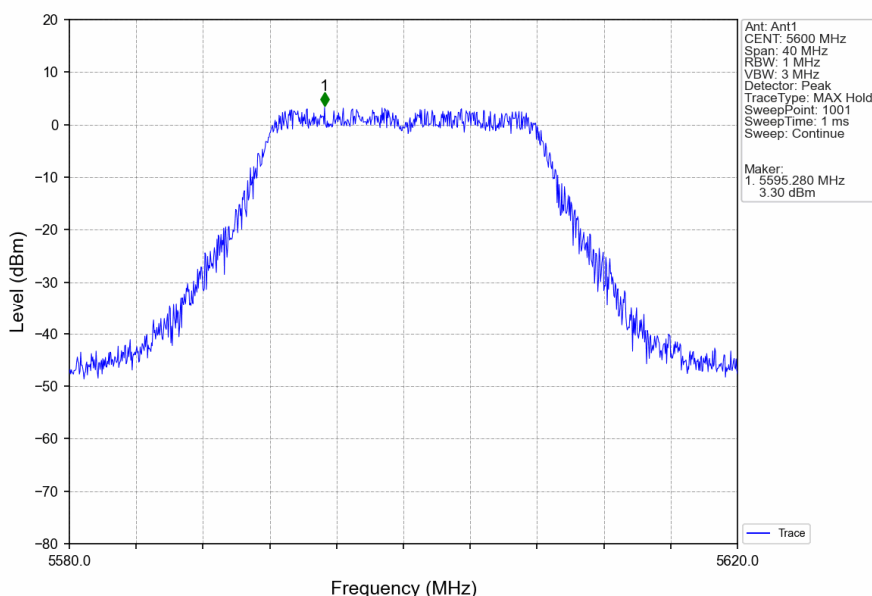


802.11a_LCH_5500MHz_Ant1_NTHV

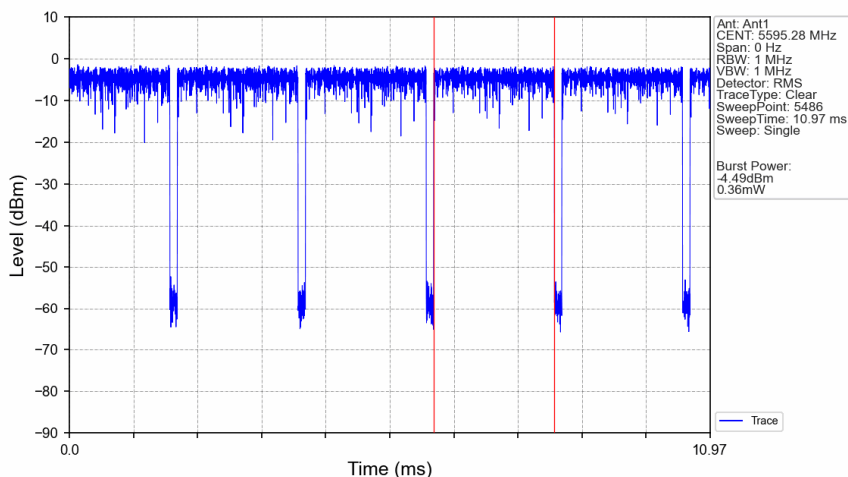


Burst No.	1	2	3	4
Length (ms)	2.064	2.064	2.064	2.064
Power(dBm)	-3.59	-3.59	-3.59	-3.59
Power(mW)	0.437	0.437	0.437	0.437
Remark	/	Max	/	/

802.11a_MCH_5600MHz_Ant1_NTHV

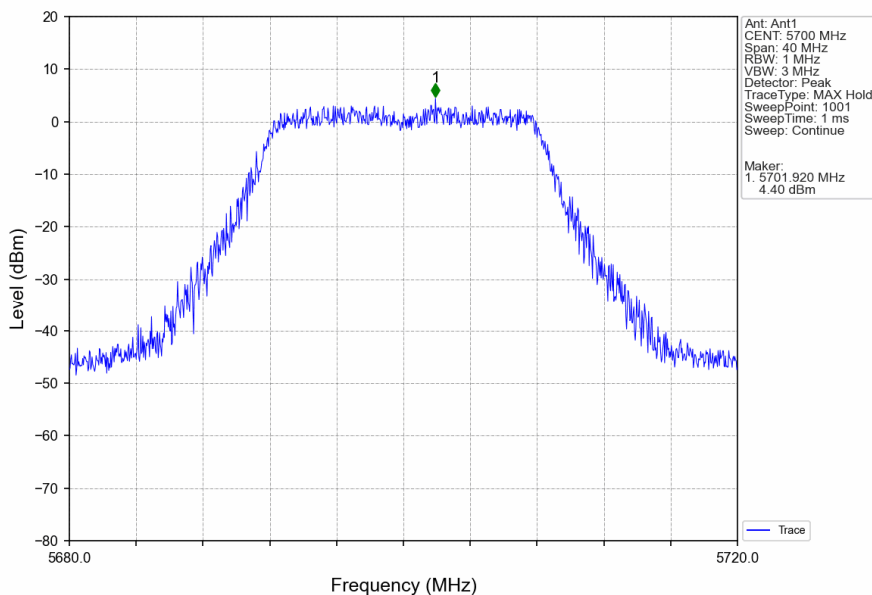


802.11a_MCH_5600MHz_Ant1_NTHV

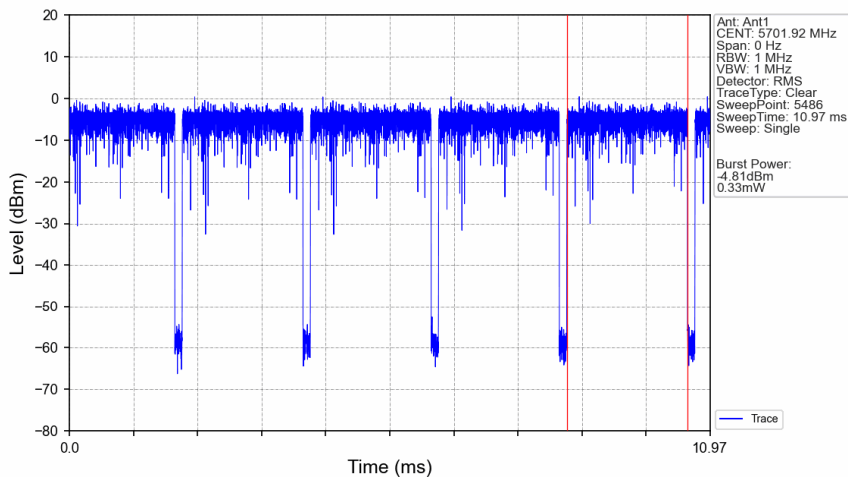


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power(dBm)	-4.49	-4.49	-4.49	-4.50
Power(mW)	0.355	0.355	0.356	0.355
Remark	/	/	Max	/

802.11a_HCH_5700MHz_Ant1_NTHV

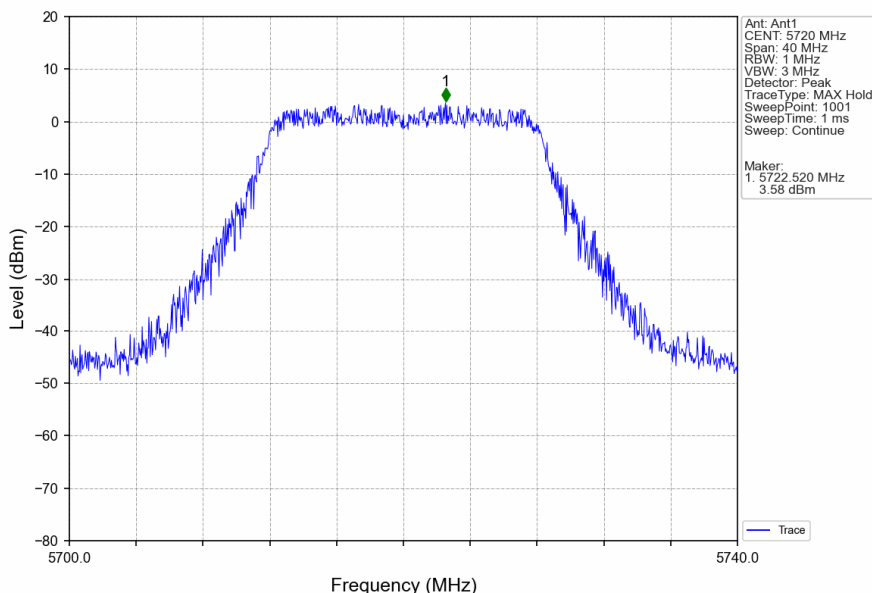


802.11a_HCH_5700MHz_Ant1_NTHV

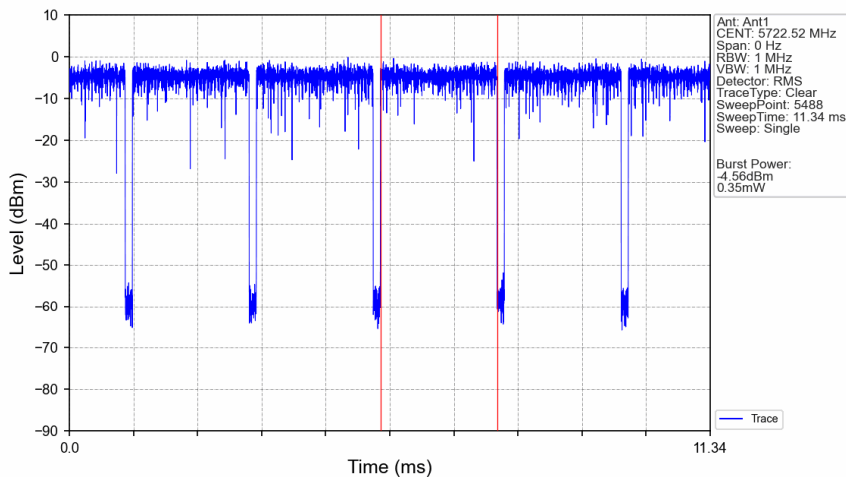


Burst No.	1	2	3	4
Length (ms)	2.066	2.066	2.066	2.066
Power(dBm)	-4.81	-4.82	-4.81	-4.81
Power(mW)	0.331	0.330	0.330	0.331
Remark	/	/	/	Max

802.11a_HHCH_5720MHz_Ant1_NTHV

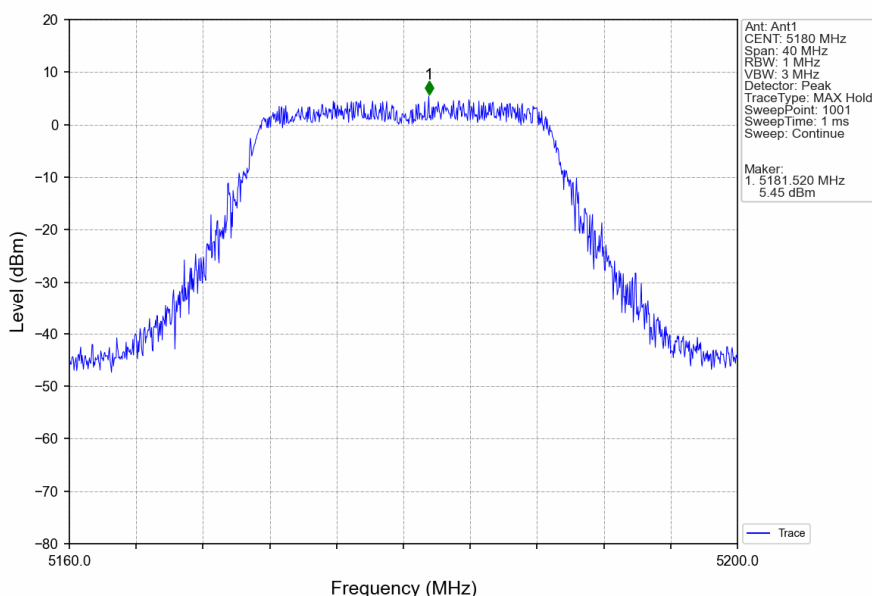


802.11a_HHCH_5720MHz_Ant1_NTHV

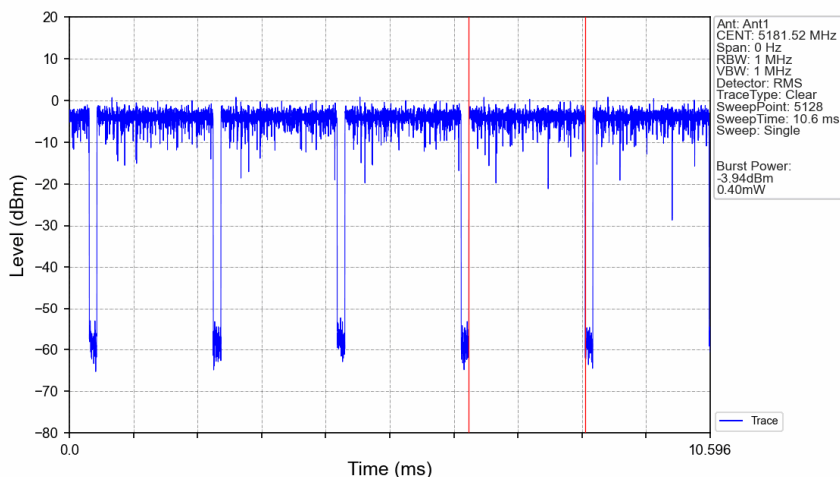


Burst No.	1	2	3	4
Length (ms)	2.065	2.065	2.065	2.065
Power (dBm)	-4.56	-4.56	-4.56	-4.56
Power (mW)	0.350	0.350	0.350	0.350
Remark	/	/	Max	/

802.11n(HT20)_LCH_5180MHz_Ant1_NTHV

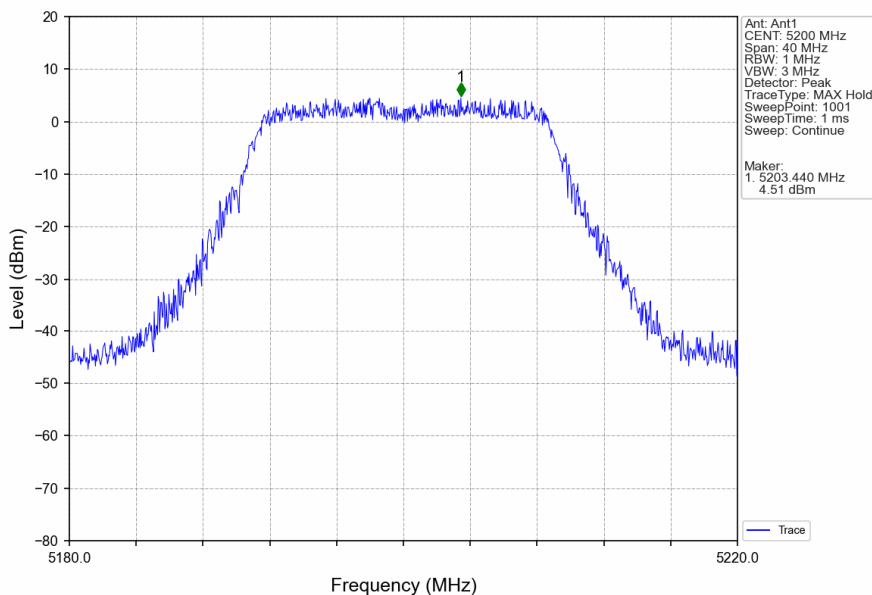


802.11n(HT20)_LCH_5180MHz_Ant1_NTHV

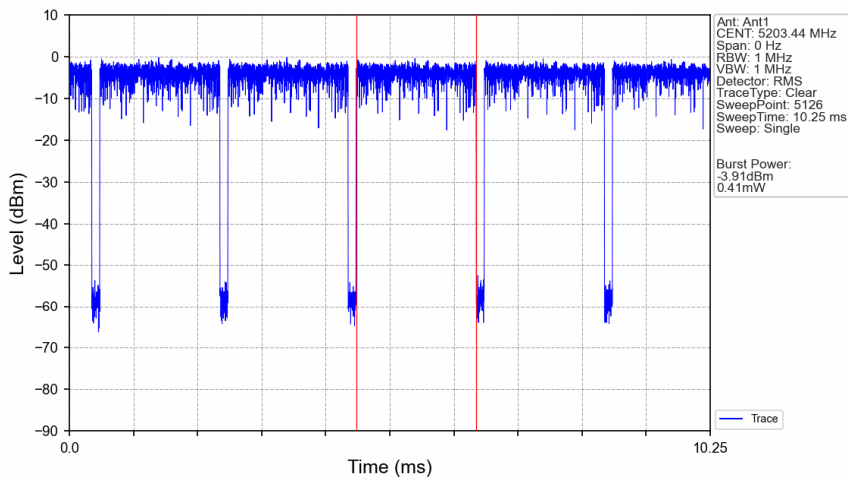


Burst No.	1	2	3	4
Length (ms)	1.928	1.928	1.928	1.928
Power(dBm)	-3.96	-3.95	-3.94	-3.94
Power(mW)	0.402	0.403	0.404	0.404
Remark	/	/	/	Max

802.11n(HT20)_MCH_5200MHz_Ant1_NTHV

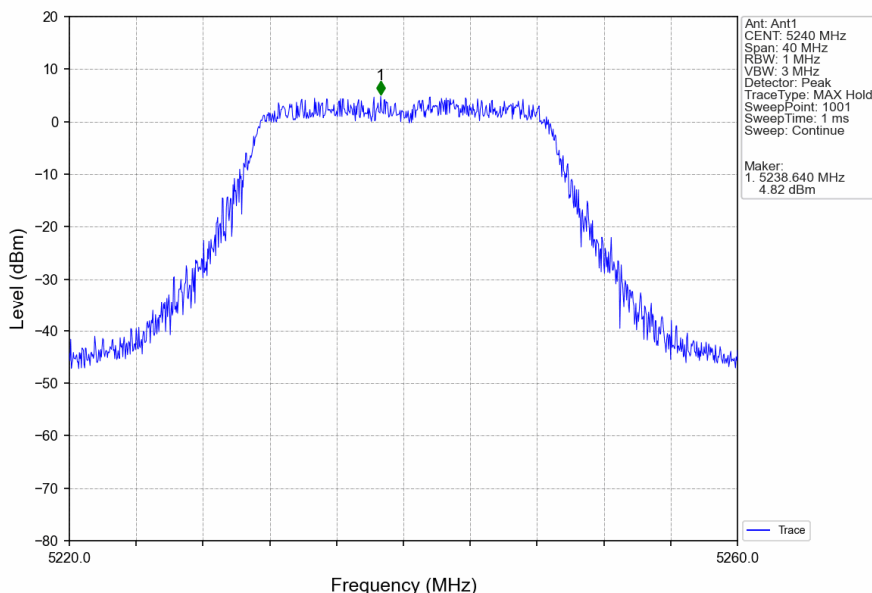


802.11n(HT20)_MCH_5200MHz_Ant1_NTHV

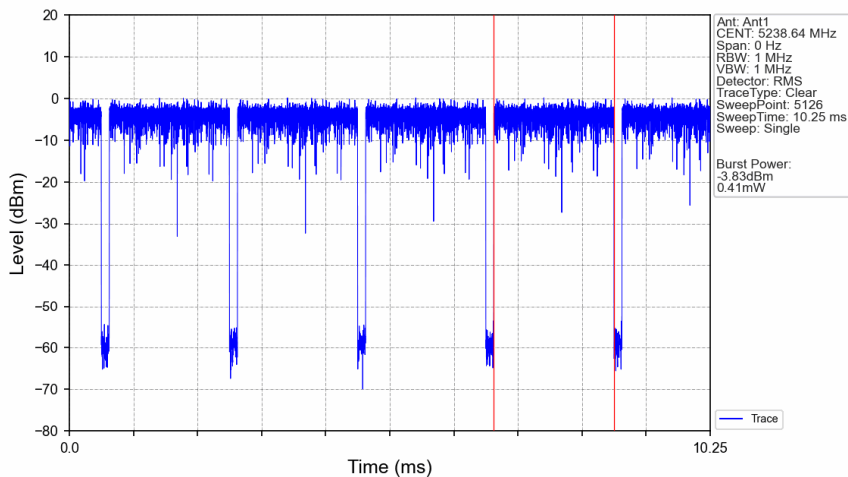


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power (dBm)	-3.92	-3.92	-3.91	-3.91
Power (mW)	0.405	0.406	0.407	0.406
Remark	/	/	Max	/

802.11n(HT20)_HCH_5240MHz_Ant1_NTHV

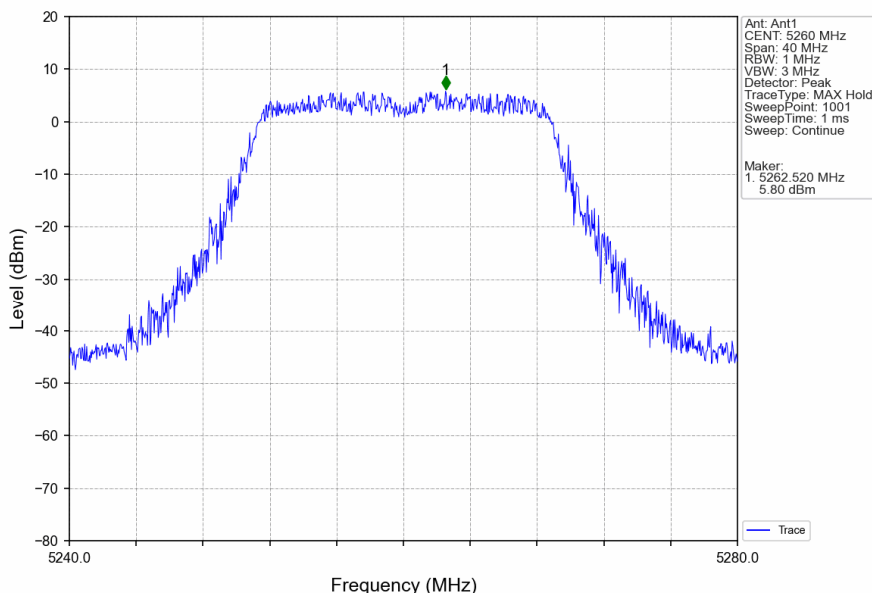


802.11n(HT20)_HCH_5240MHz_Ant1_NTHV

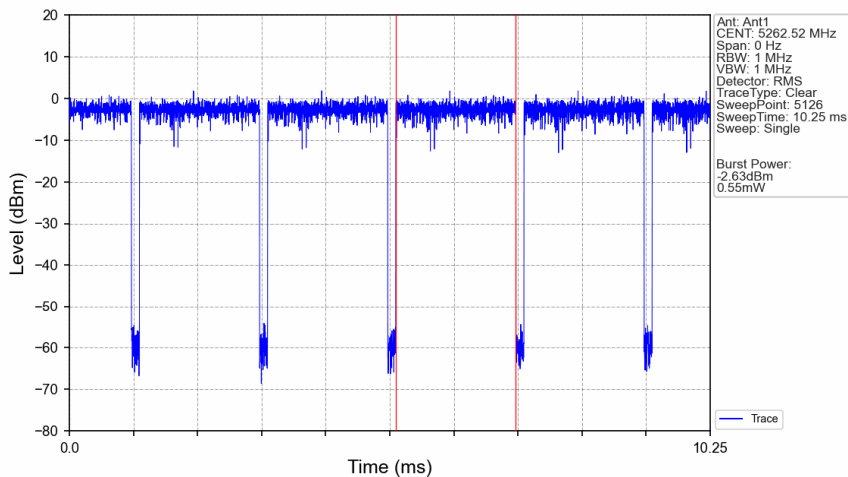


Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-3.84	-3.83	-3.83	-3.83
Power(mW)	0.413	0.414	0.414	0.414
Remark	/	/	/	Max

802.11n(HT20)_LCH_5260MHz_Ant1_NTHV



802.11n(HT20)_LCH_5260MHz_Ant1_NTHV



Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-2.63	-2.63	-2.63	-2.63
Power(mW)	0.546	0.546	0.546	0.546
Remark	/	/	Max	/



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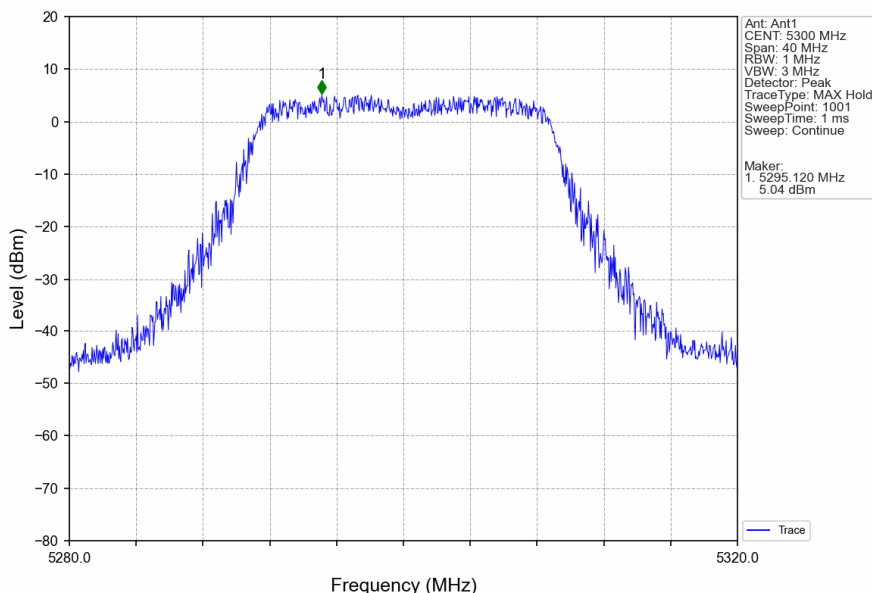
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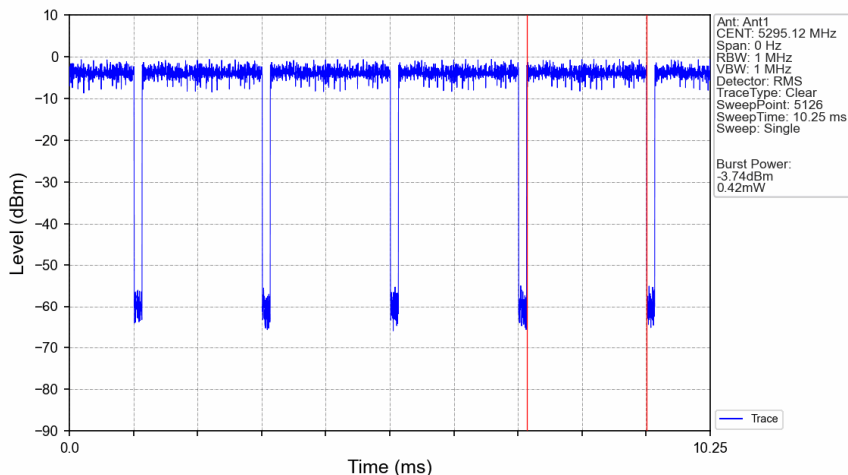
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802.11n(HT20)_MCH_5300MHz_Ant1_NTHV

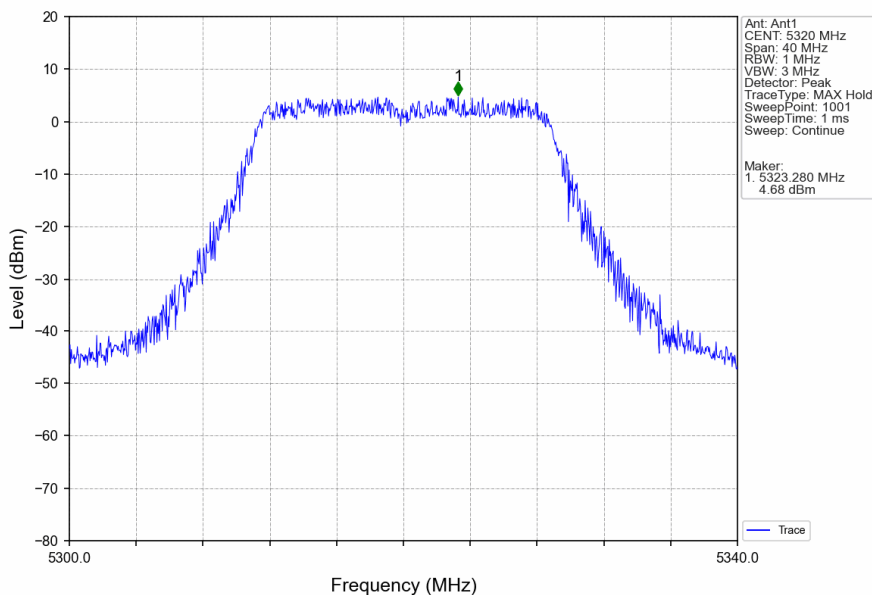


802.11n(HT20)_MCH_5300MHz_Ant1_NTHV

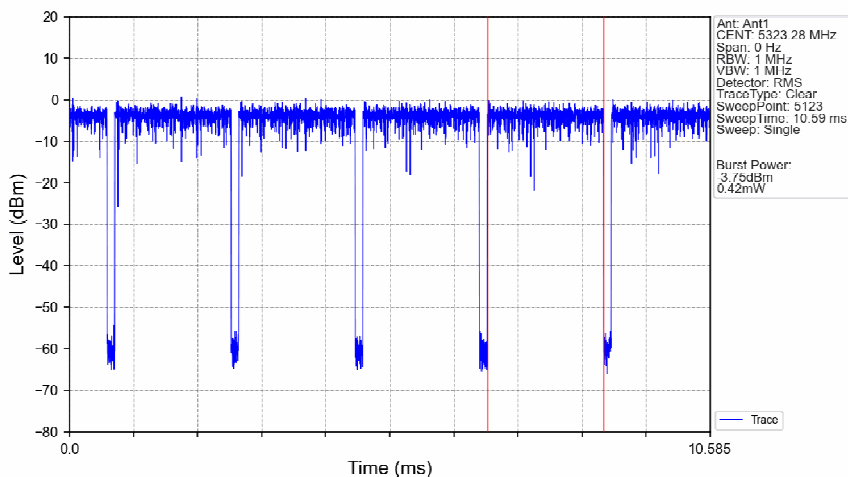


Burst No.	1	2	3	4
Length (ms)	1.922	1.920	1.922	1.920
Power(dBm)	-3.76	-3.75	-3.75	-3.74
Power(mW)	0.421	0.422	0.421	0.423
Remark	/	/	/	Max

802.11n(HT20)_HCH_5320MHz_Ant1_NTHV

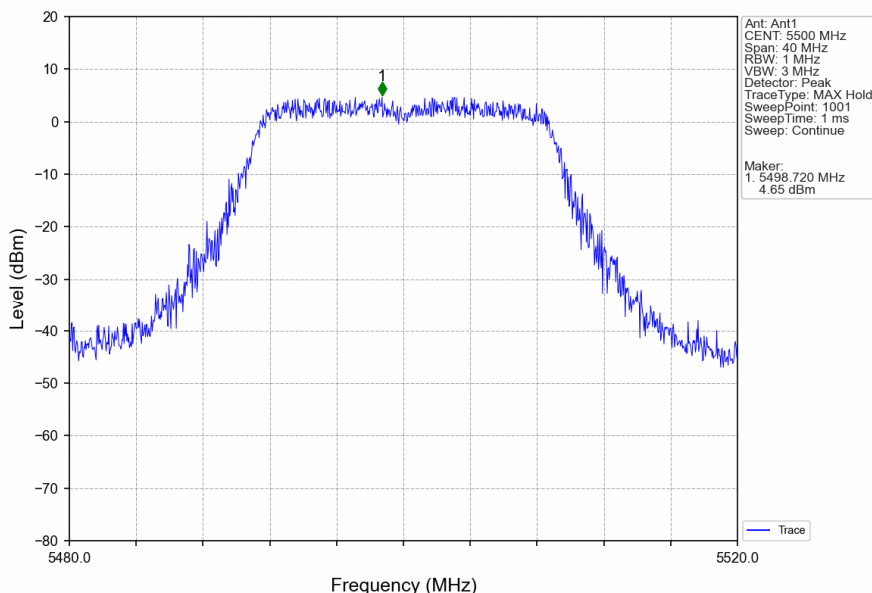


802.11n(HT20)_HCH_5320MHz_Ant1_NTHV

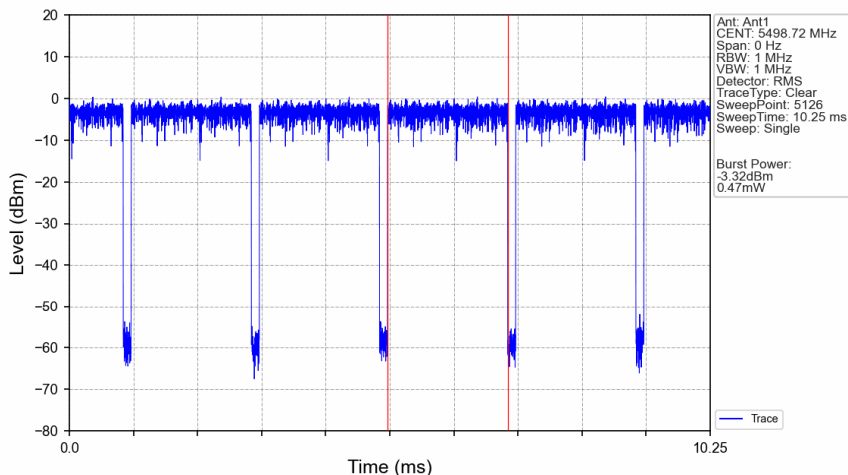


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power(dBm)	-3.75	-3.75	-3.75	-3.75
Power(mW)	0.421	0.422	0.422	0.422
Remark	/	/	/	Max

802.11n(HT20)_LCH_5500MHz_Ant1_NTHV



802.11n(HT20)_LCH_5500MHz_Ant1_NTHV



Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-3.32	-3.32	-3.32	-3.32
Power(mW)	0.465	0.465	0.466	0.465
Remark	/	/	Max	/



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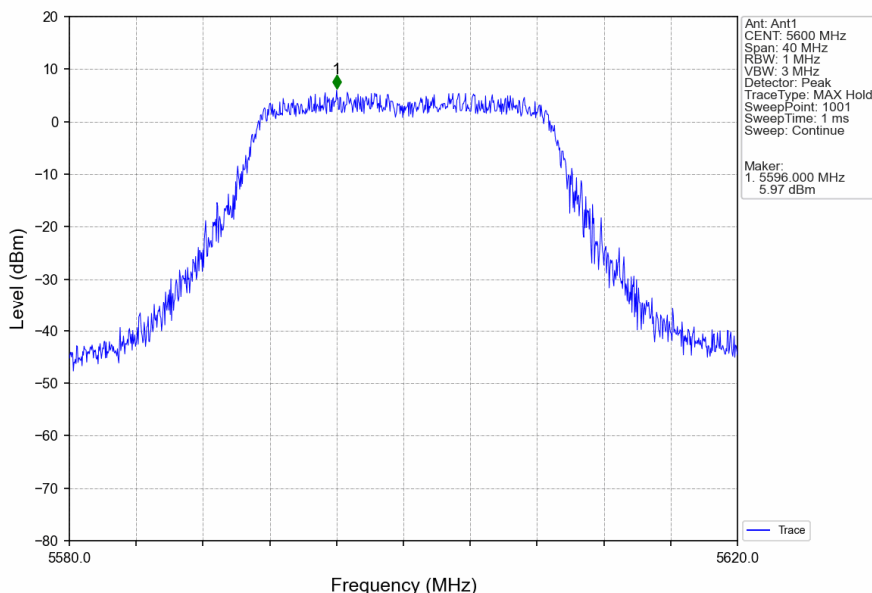
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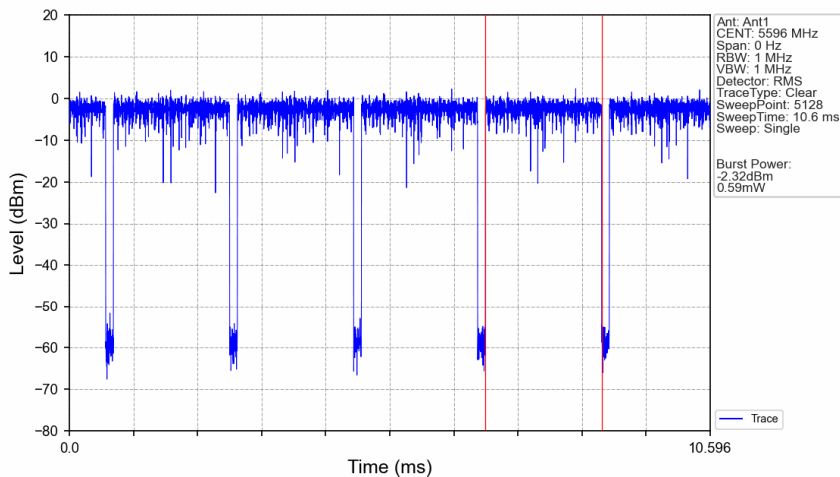
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802.11n(HT20)_MCH_5600MHz_Ant1_NTHV



802.11n(HT20)_MCH_5600MHz_Ant1_NTHV



Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power(dBm)	-2.33	-2.32	-2.32	-2.32
Power(mW)	0.585	0.586	0.586	0.586
Remark	/	/	/	Max



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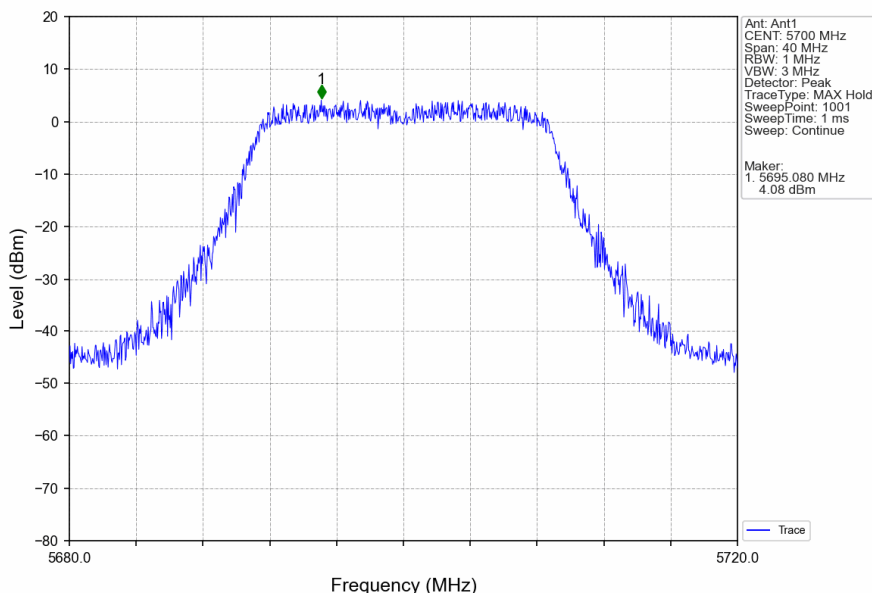
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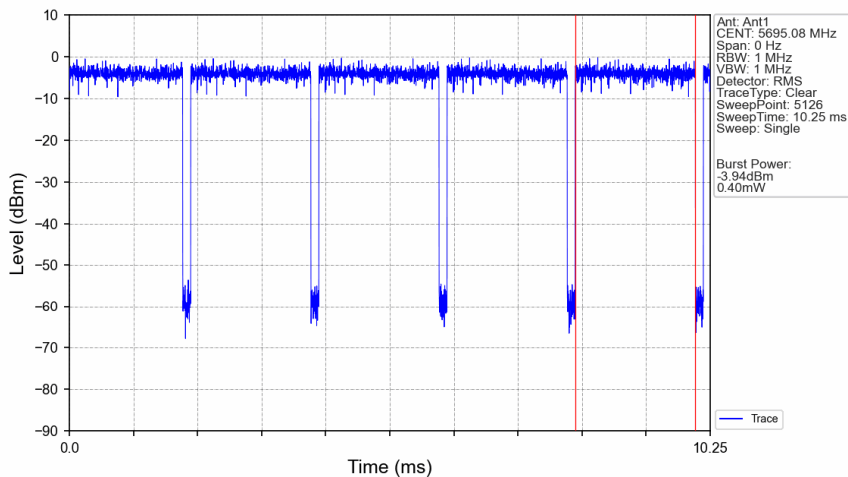
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802.11n(HT20)_HCH_5700MHz_Ant1_NTHV

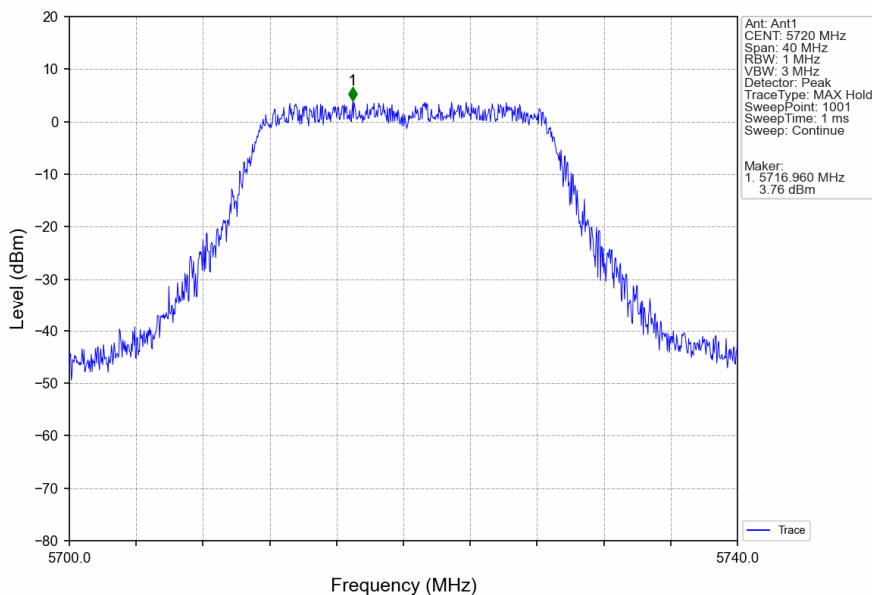


802.11n(HT20)_HCH_5700MHz_Ant1_NTHV

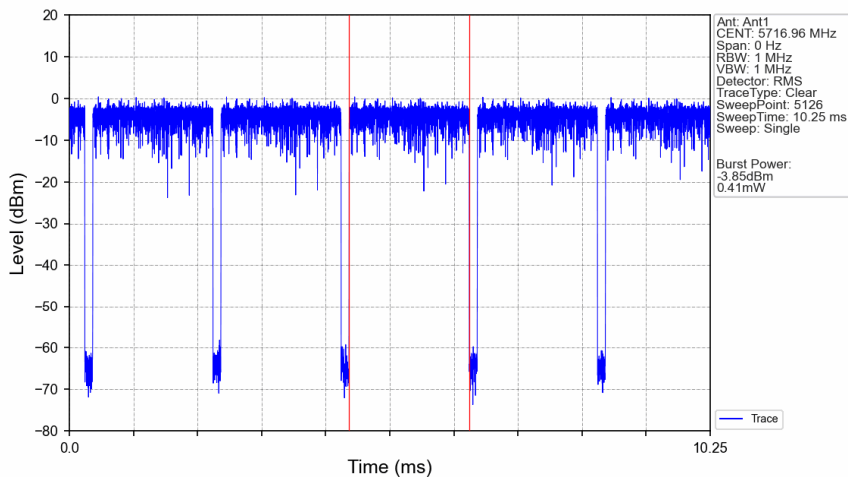


Burst No.	1	2	3	4
Length (ms)	1.920	1.920	1.920	1.920
Power (dBm)	-3.96	-3.94	-3.95	-3.94
Power (mW)	0.402	0.404	0.403	0.404
Remark	/	/	/	Max

802.11n(HT20)_HHCH_5720MHz_Ant1_NTHV

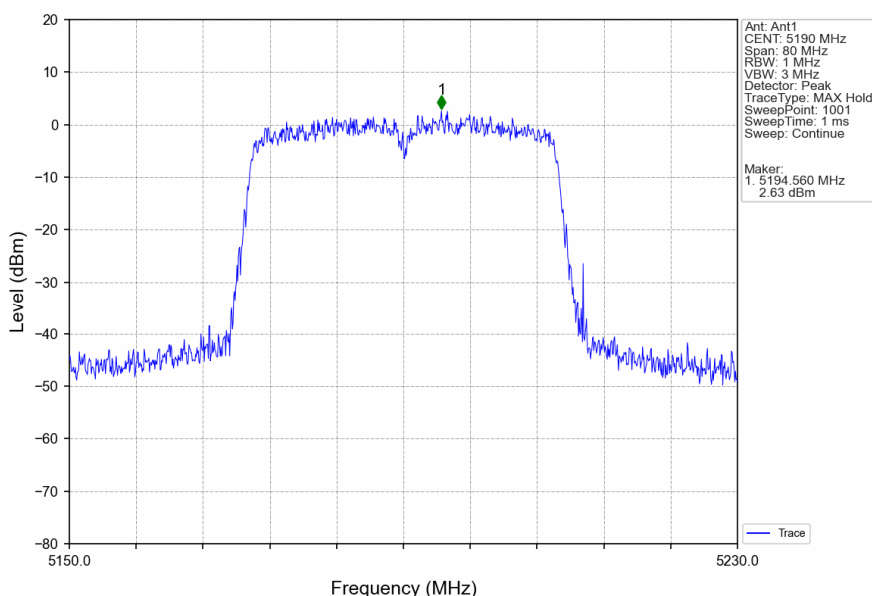


802.11n(HT20)_HHCH_5720MHz_Ant1_NTHV

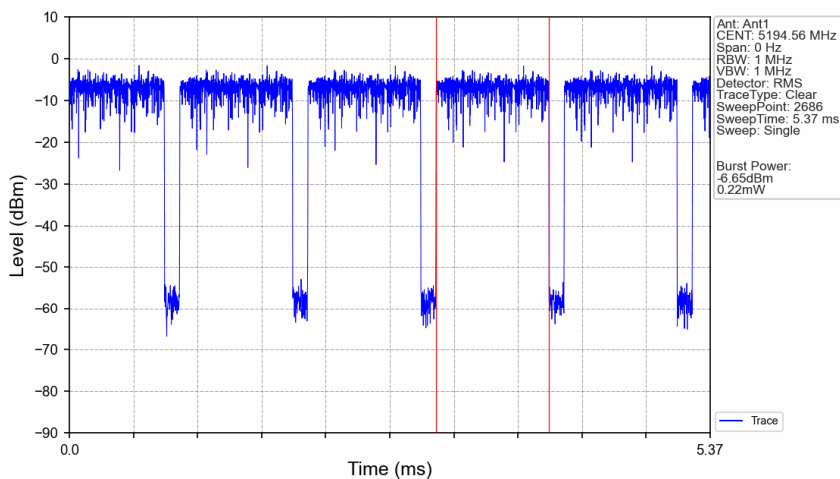


Burst No.	1	2	3	4
Length (ms)	1.922	1.922	1.922	1.922
Power(dBm)	-3.86	-3.85	-3.85	-3.85
Power(mW)	0.412	0.412	0.412	0.412
Remark	/	/	Max	/

802.11n(HT40)_LCH_5190MHz_Ant1_NTHV

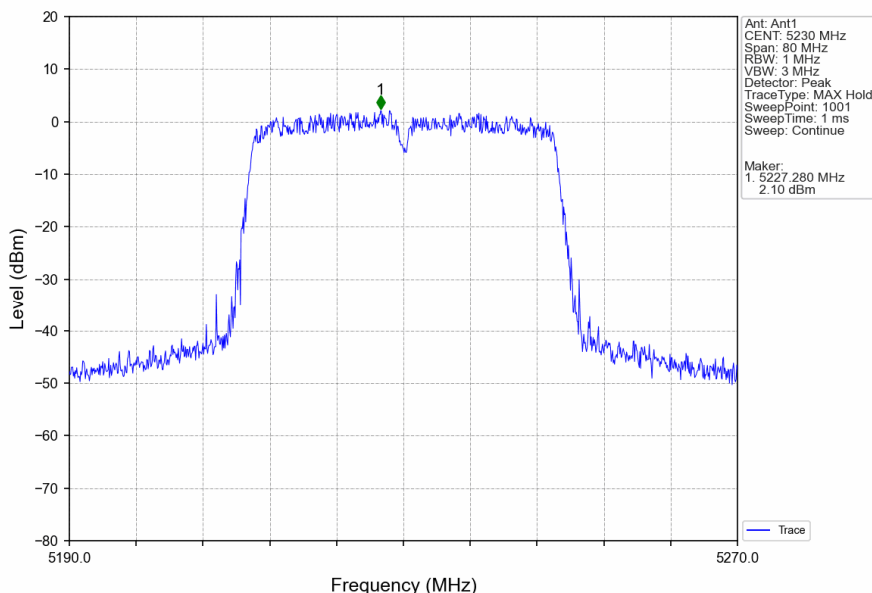


802.11n(HT40)_LCH_5190MHz_Ant1_NTHV

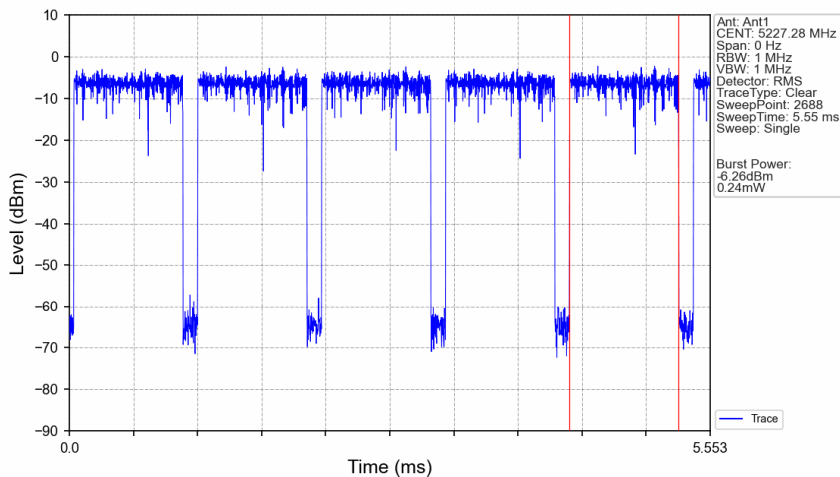


Burst No.	1	2	3	4
Length (ms)	0.946	0.946	0.946	0.946
Power(dBm)	-6.65	-6.66	-6.65	-6.66
Power(mW)	0.216	0.216	0.216	0.216
Remark	/	/	Max	/

802.11n(HT40)_HCH_5230MHz_Ant1_NTHV



802.11n(HT40)_HCH_5230MHz_Ant1_NTHV



Burst No.	1	2	3	4	5
Length (ms)	0.944	0.947	0.944	0.944	0.947
Power(dBm)	-6.27	-6.29	-6.28	-6.26	-6.26
Power(mW)	0.236	0.235	0.236	0.237	0.237
Remark	/	/	/	/	Max



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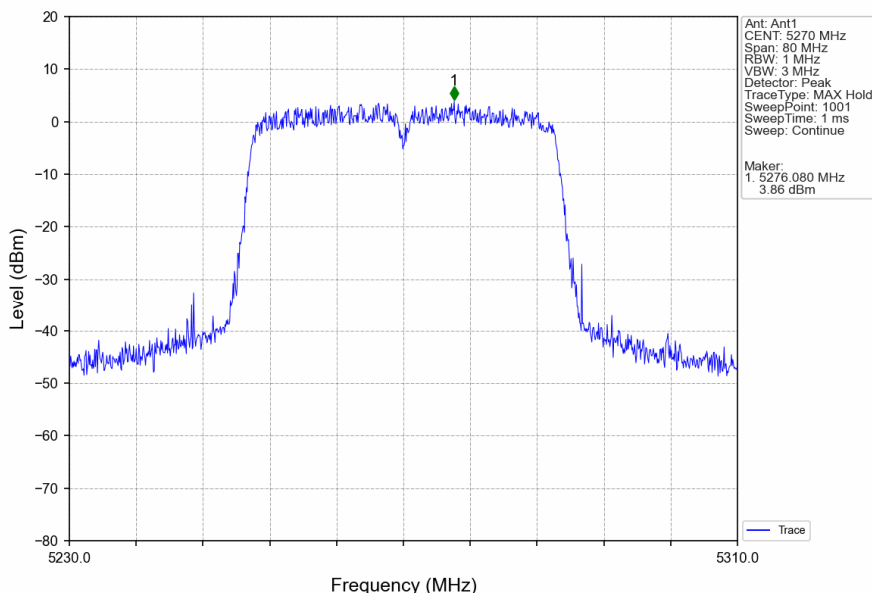
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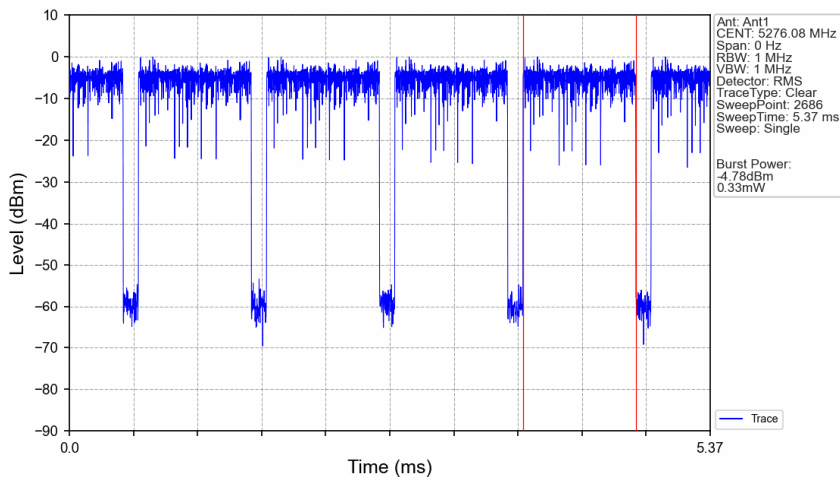
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802.11n(HT40)_LCH_5270MHz_Ant1_NTHV



802.11n(HT40)_LCH_5270MHz_Ant1_NTHV



Burst No.	1	2	3	4
Length (ms)	0.944	0.944	0.944	0.944
Power (dBm)	-4.80	-4.79	-4.78	-4.78
Power (mW)	0.331	0.332	0.332	0.332
Remark	/	/	/	Max



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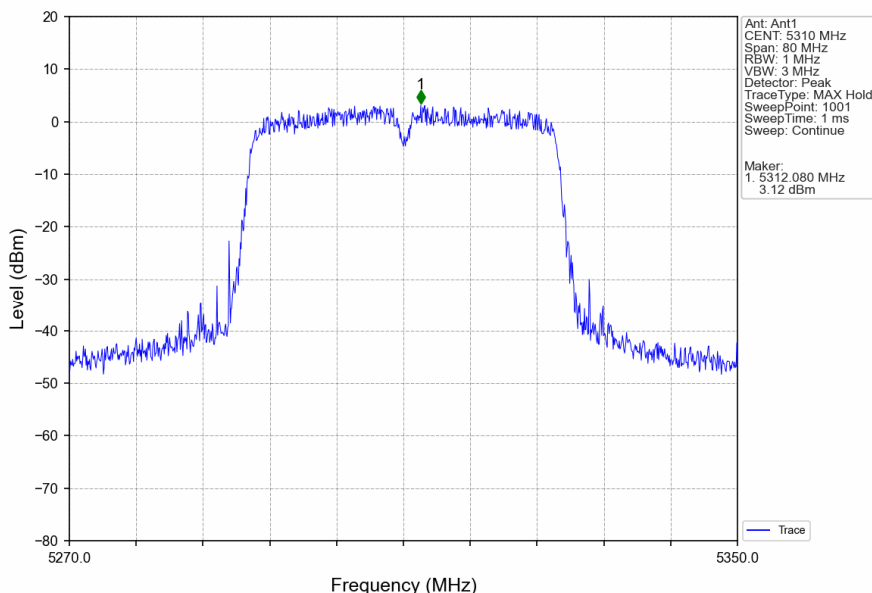
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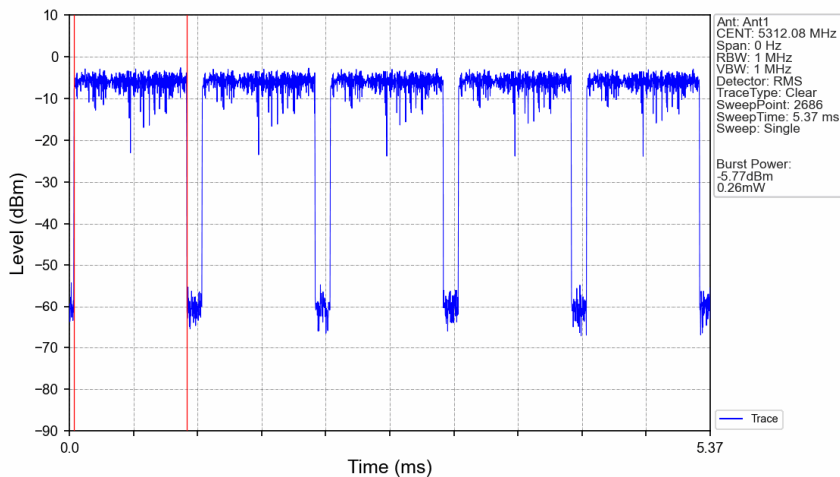
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802.11n(HT40)_HCH_5310MHz_Ant1_NTHV



802.11n(HT40)_HCH_5310MHz_Ant1_NTHV



Burst No.	1	2	3	4	5
Length (ms)	0.946	0.946	0.946	0.946	0.946
Power(dBm)	-5.77	-5.78	-5.77	-5.77	-5.77
Power(mW)	0.265	0.264	0.265	0.265	0.265
Remark	Max	/	/	/	/



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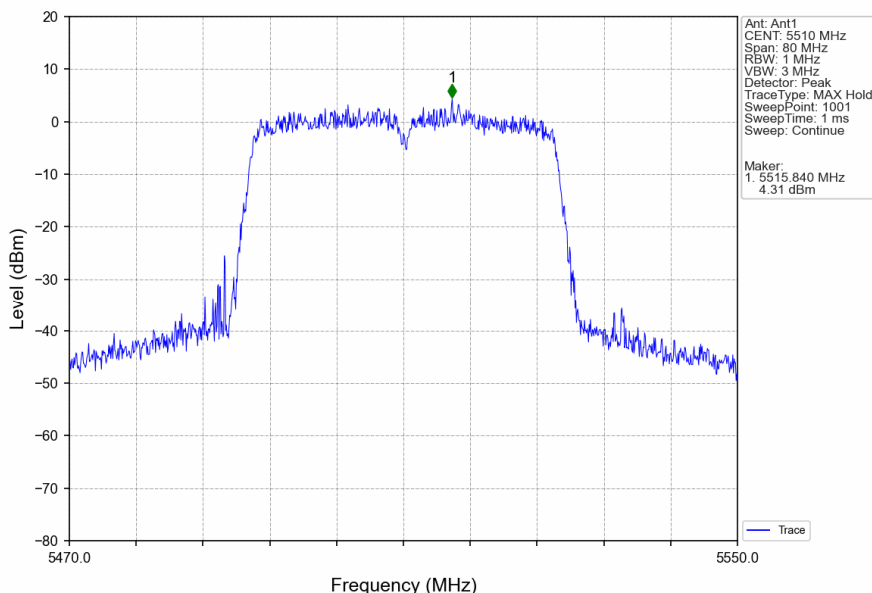
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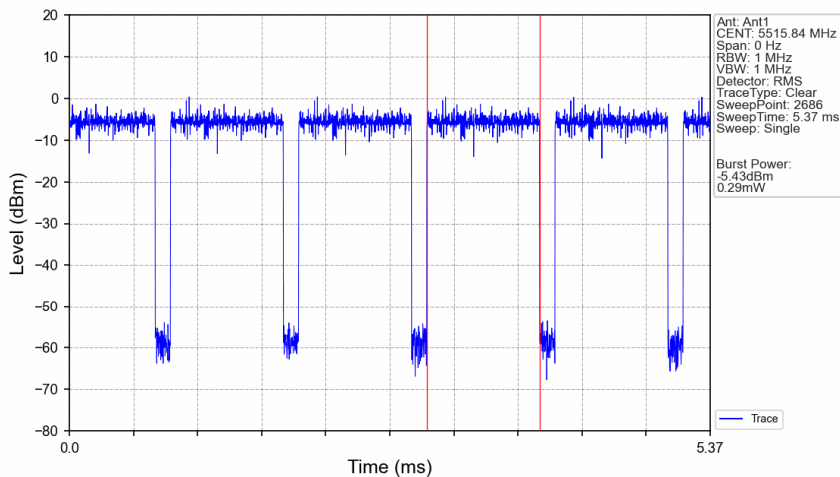
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802.11n(HT40)_LCH_5510MHz_Ant1_NTHV



802.11n(HT40)_LCH_5510MHz_Ant1_NTHV



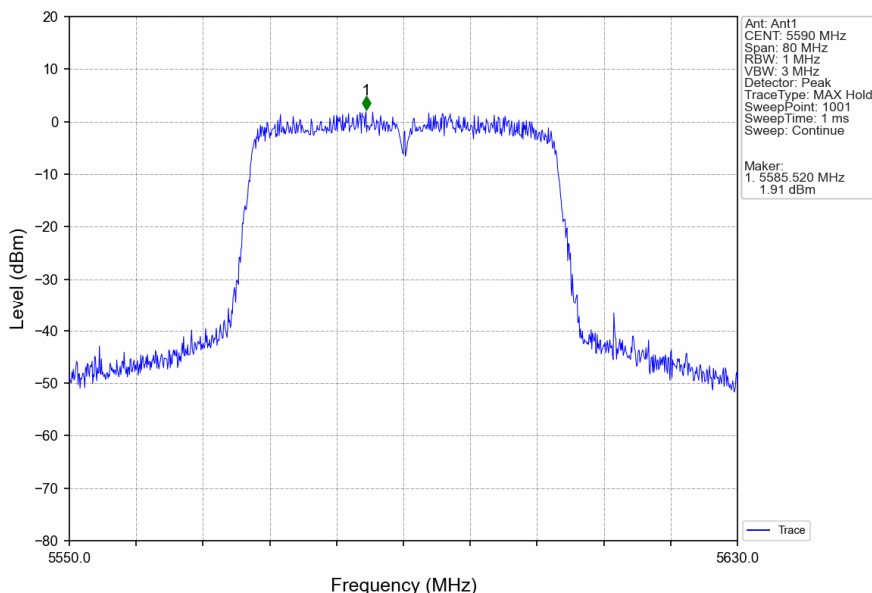
Burst No.	1	2	3	4
Length (ms)	0.944	0.944	0.944	0.944
Power (dBm)	-5.43	-5.43	-5.43	-5.44
Power (mW)	0.286	0.287	0.287	0.286
Remark	/	/	Max	/



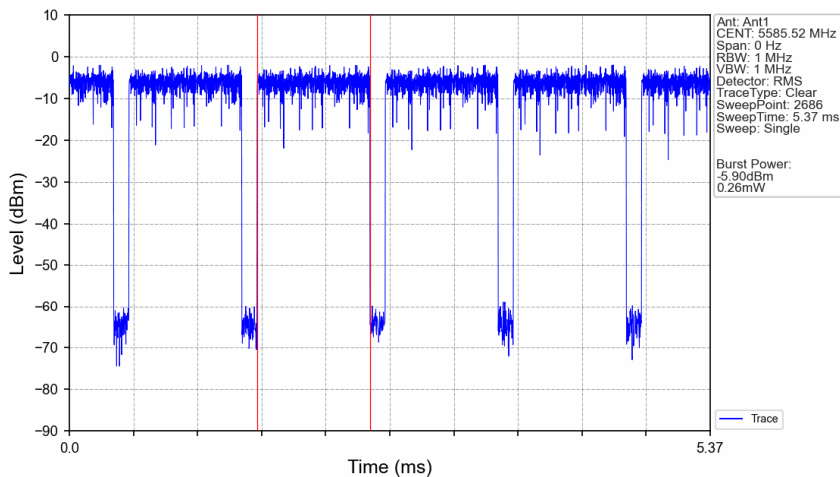
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802.11n(HT40)_MCH_5590MHz_Ant1_NTHV

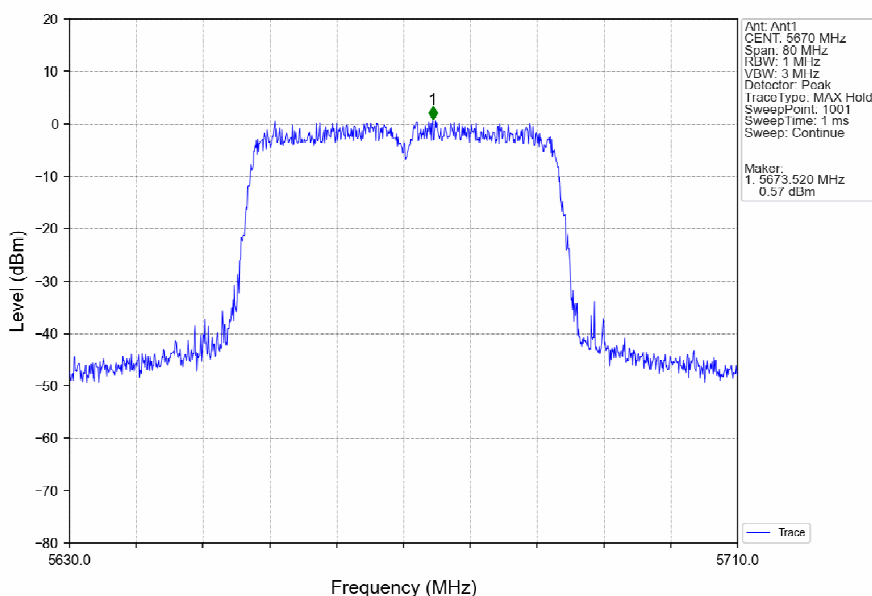


802.11n(HT40)_MCH_5590MHz_Ant1_NTHV

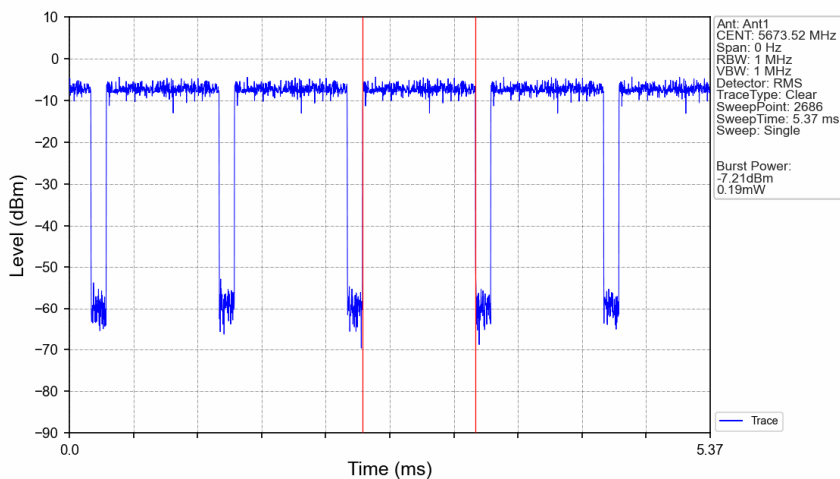


Burst No.	1	2	3	4
Length (ms)	0.944	0.944	0.944	0.944
Power(dBm)	-5.90	-5.90	-5.91	-5.90
Power(mW)	0.257	0.257	0.257	0.257
Remark	/	Max	/	/

802.11n(HT40)_HCH_5670MHz_Ant1_NTHV



802.11n(HT40)_HCH_5670MHz_Ant1_NTHV



Burst No.	1	2	3	4
Length (ms)	0.946	0.944	0.944	0.944
Power(dBm)	-7.23	-7.22	-7.21	-7.22
Power(mW)	0.189	0.190	0.190	0.190
Remark	/	/	Max	/



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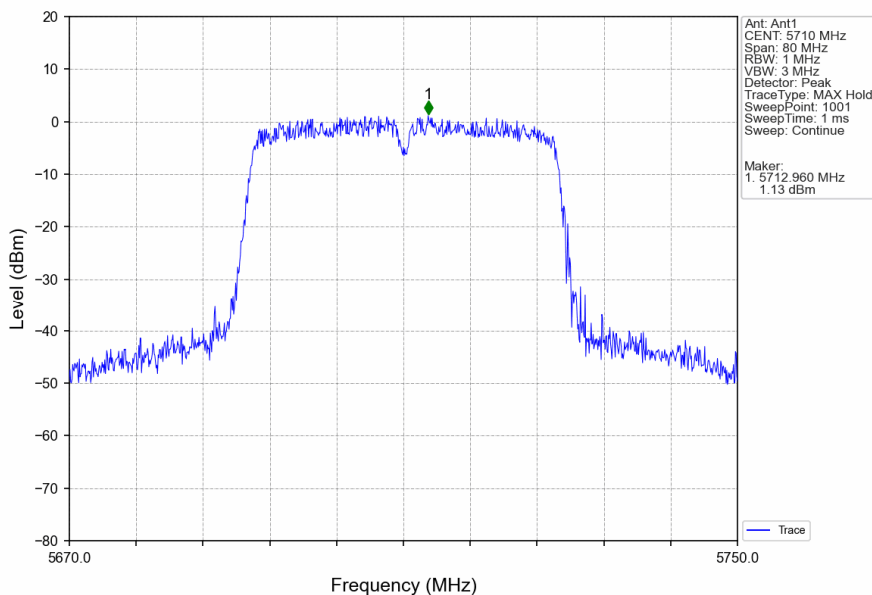
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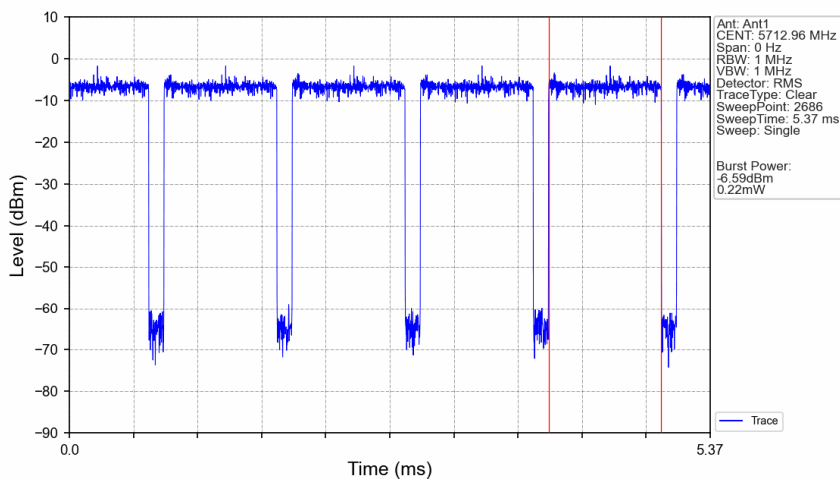
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802.11n(HT40)_HHCH_5710MHz_Ant1_NTHV



802.11n(HT40)_HHCH_5710MHz_Ant1_NTHV



Burst No.	1	2	3	4
Length (ms)	0.944	0.944	0.944	0.944
Power(dBm)	-6.60	-6.59	-6.60	-6.59
Power(mW)	0.219	0.219	0.219	0.219
Remark	/	/	/	Max