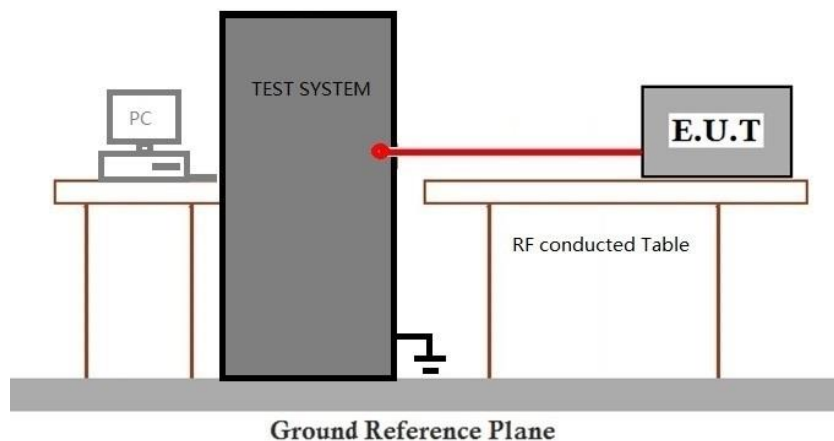


Final test	08	TX mode (U-NII-3) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
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### 7.8.3 Test Setup Diagram



### 7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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

SZEMC-TRF-01 Rev. A/1

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### 7.9 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II C 1

#### 7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 24.2 °C

Humidity: 46.7 % RH

Atmospheric Pressure: 1020 mbar

#### 7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	06	TX mode (U-NII-2A)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-2C)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.



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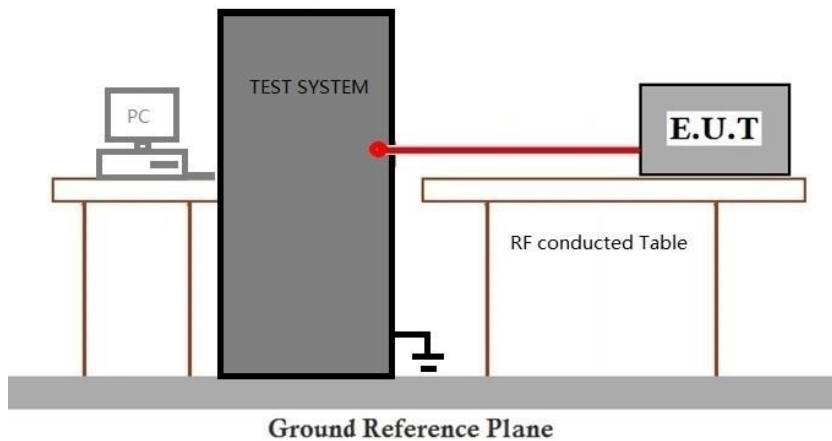
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Final test	08	TX mode (U-NII-3) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
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### 7.9.3 Test Setup Diagram



### 7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.10 Minimum 6 dB bandwidth (5.725-5.85 GHz band )

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: KDB 789033 D02 II C 2

Limit:

Frequency band(MHz)	Limit
5725-5850	≥500 kHz

### 7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 24.2 °C

Humidity: 46.7 % RH

Atmospheric Pressure: 1020 mbar

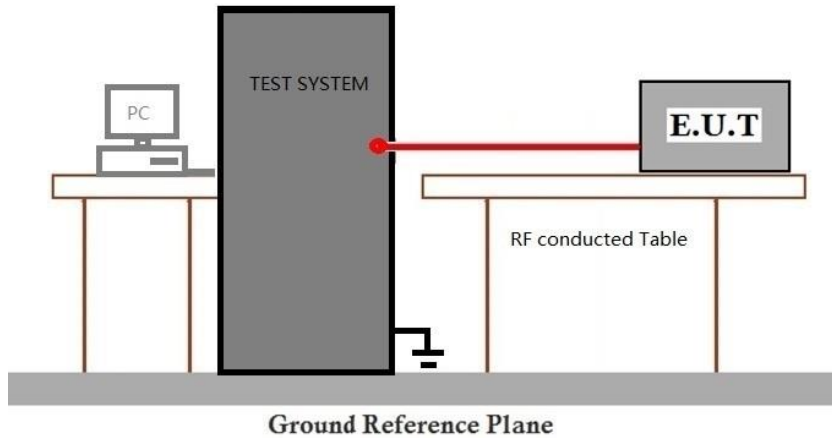
### 7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	TX mode (U-NII-3)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.





### 7.10.3 Test Setup Diagram



### 7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details



## 7.11 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II F

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

### 7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 24.2 °C

Humidity: 46.7 % RH

Atmospheric Pressure: 1020 mbar

### 7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	06	TX mode (U-NII-2A)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all

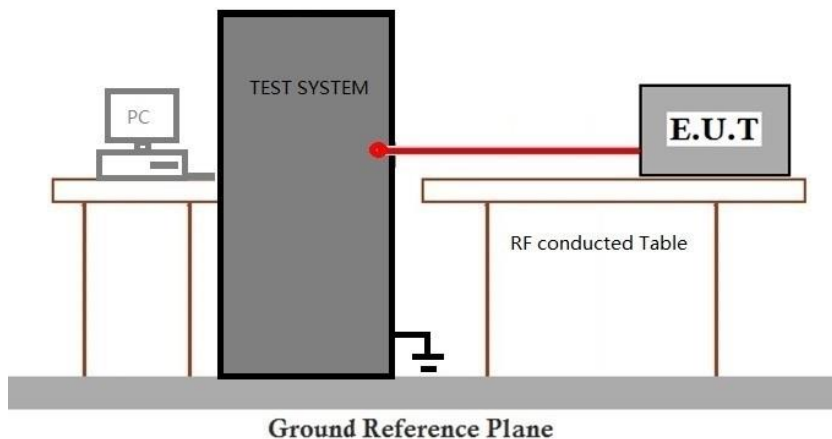


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		modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80) , data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-3) 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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

### 7.11.3 Test Setup Diagram



### 7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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

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### 7.12 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2013) Section 6.8

#### 7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 24.2 °C

Humidity: 46.7 % RH

Atmospheric Pressure: 1020 mbar

#### 7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	06	TX mode (U-NII-2A)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-2C)_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); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.



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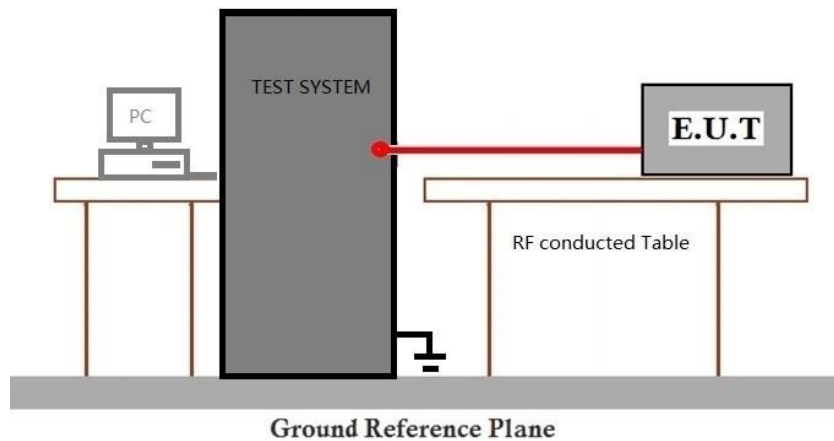
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Final test	08	TX mode (U-NII-3) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
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### 7.12.3 Test Setup Diagram



### 7.12.4 Measurement Procedure and Data

Please Refer to Appendix for Details



## 7.13 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 7.13.1 E.U.T. Operation

Operating Environment:

Temperature: 24.2 °C

Humidity: 46.7 % RH

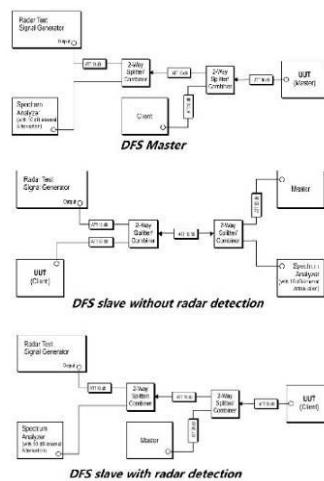
Atmospheric Pressure: 1020 mbar



### 7.13.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Normal operating_Keep the EUT communication with the companion device.

### 7.13.3 Test Setup Diagram



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## 7.13.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details





### 8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2408003018AT

### 9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2408003018AT



## 10 Appendix

### 1. Duty Cycle

#### 1.1 Test Result

##### 1.1.1 Ant0

Ant0									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	MIMO	5180	/	/	1.392	1.436	96.94	0.14	0.06
		5200	/	/	1.393	1.436	97.01	0.13	0.00
		5240	/	/	1.393	1.437	96.94	0.14	0.03
		5260	/	/	1.393	1.435	97.07	0.13	0.03
		5300	/	/	1.394	1.436	97.08	0.13	0.03
		5320	/	/	1.393	1.436	97.01	0.13	0.06
		5500	/	/	1.393	1.436	97.01	0.13	0.07
		5580	/	/	1.392	1.436	96.94	0.14	0.03
		5700	/	/	1.394	1.436	97.08	0.13	0.03
		5745	/	/	1.393	1.435	97.07	0.13	0.03
		5785	/	/	1.394	1.436	97.08	0.13	0.03
		5825	/	/	1.393	1.436	97.01	0.13	0.06
802.11n (HT20)	MIMO	5180	/	/	1.303	1.336	97.53	0.11	0.03
		5200	/	/	1.302	1.335	97.53	0.11	0.03
		5240	/	/	1.300	1.335	97.38	0.12	0.00
		5260	/	/	1.300	1.334	97.45	0.11	0.00
		5300	/	/	1.300	1.335	97.38	0.12	0.07
		5320	/	/	1.301	1.335	97.45	0.11	0.03
		5500	/	/	1.301	1.335	97.45	0.11	0.07
		5580	/	/	1.301	1.335	97.45	0.11	0.07
		5700	/	/	1.302	1.335	97.53	0.11	0.03
		5745	/	/	1.302	1.335	97.53	0.11	0.03
		5785	/	/	1.300	1.334	97.45	0.11	0.04
		5825	/	/	1.302	1.335	97.53	0.11	0.03
802.11n (HT40)	MIMO	5190	/	/	0.650	0.683	95.17	0.22	0.03
		5230	/	/	0.650	1.286	50.54	2.96	28.11
		5270	/	/	0.650	0.683	95.17	0.22	0.03



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		5310	/	/	0.651	0.683	95.31	0.21	0.03
		5510	/	/	0.648	0.683	94.88	0.23	0.04
		5550	/	/	0.649	0.683	95.02	0.22	0.07
		5670	/	/	0.650	0.683	95.17	0.22	0.07
		5755	/	/	0.650	0.683	95.17	0.22	0.07
		5795	/	/	0.650	0.683	95.17	0.22	0.00
802.11ac (VHT20)	MIMO	5180	/	/	0.680	0.714	95.24	0.21	0.07
		5200	/	/	0.681	0.716	95.11	0.22	0.06
		5240	/	/	0.680	0.716	94.97	0.22	0.03
		5260	/	/	0.682	0.715	95.38	0.21	0.03
		5300	/	/	0.682	0.715	95.38	0.21	0.09
		5320	/	/	0.681	0.716	95.11	0.22	0.03
		5500	/	/	0.680	0.715	95.10	0.22	0.06
		5580	/	/	0.681	0.715	95.24	0.21	0.00
		5700	/	/	0.680	0.715	95.10	0.22	0.03
		5745	/	/	0.680	0.715	95.10	0.22	0.03
		5785	/	/	0.681	0.715	95.24	0.21	0.03
		5825	/	/	0.681	0.716	95.11	0.22	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.354	0.387	91.47	0.39	0.03
		5230	/	/	0.354	0.388	91.24	0.40	0.16
		5270	/	/	0.352	0.387	90.96	0.41	0.07
		5310	/	/	0.353	0.387	91.21	0.40	0.04
		5510	/	/	0.352	0.387	90.96	0.41	0.16
		5550	/	/	0.354	0.387	91.47	0.39	0.04
		5670	/	/	0.352	0.387	90.96	0.41	0.07
		5755	/	/	0.353	0.387	91.21	0.40	0.04
		5795	/	/	0.352	0.387	90.96	0.41	0.07
802.11ac (VHT80)	MIMO	5210	/	/	0.190	0.223	85.20	0.70	0.08
		5290	/	/	0.191	0.223	85.65	0.67	0.15
		5530	/	/	0.191	0.224	85.27	0.69	0.19
		5610	/	/	0.189	0.223	84.75	0.72	0.07
		5775	/	/	0.189	0.223	84.75	0.72	0.09
802.11ax (HEW20)	MIMO	5180	RU242	Left	0.526	1.288	40.84	3.89	0.32
		5200	RU242	Left	0.525	1.289	40.73	3.90	0.29
		5240	RU242	Left	0.525	1.288	40.76	3.90	0.31
		5260	RU242	Left	0.525	1.288	40.76	3.90	0.34
		5300	RU242	Left	0.526	1.342	39.20	4.07	1.96
		5320	RU242	Left	0.526	1.342	39.20	4.07	1.96
		5500	RU242	Left	0.524	1.315	39.85	4.00	1.16
		5580	RU242	Left	0.526	1.315	40.00	3.98	1.13



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		5700	RU242	Left	0.524	1.288	40.68	3.91	0.31
		5745	RU242	Left	0.525	1.288	40.76	3.90	0.31
		5785	RU242	Left	0.524	1.287	40.71	3.90	0.36
		5825	RU242	Left	0.526	1.288	40.84	3.89	0.32
802.11ax (HEW40)	MIMO	5190	RU484	Left	0.526	1.441	36.50	4.38	0.26
		5230	RU484	Left	0.526	1.441	36.50	4.38	0.26
		5270	RU484	Left	0.526	1.504	34.97	4.56	1.79
		5310	RU484	Left	0.526	1.442	36.48	4.38	0.26
		5510	RU484	Left	0.526	1.441	36.50	4.38	0.26
		5550	RU484	Left	0.526	1.441	36.50	4.38	0.26
		5670	RU484	Left	0.526	1.441	36.50	4.38	0.26
		5755	RU484	Left	0.525	1.441	36.43	4.39	0.26
802.11ax (HEW80)	MIMO	5795	RU484	Left	0.526	1.441	36.50	4.38	0.26
		5210	RU996	Left	0.289	1.214	23.81	6.23	8.41
		5290	RU996	Left	0.290	1.214	23.89	6.22	8.37
		5530	RU996	Left	0.289	1.214	23.81	6.23	0.55
		5610	RU996	Left	0.290	1.214	23.89	6.22	0.57
		5775	RU996	Left	0.289	1.214	23.81	6.23	0.57



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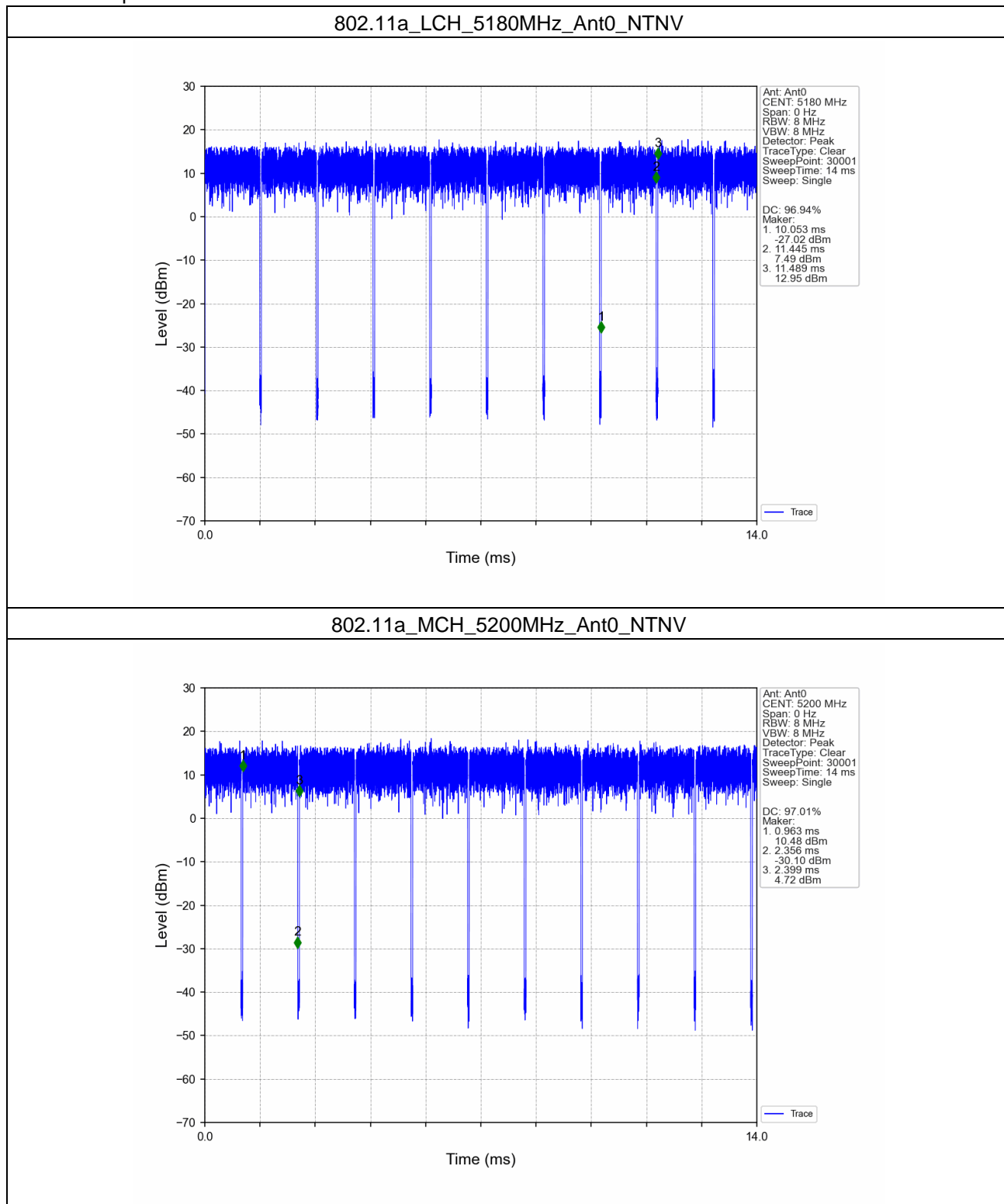
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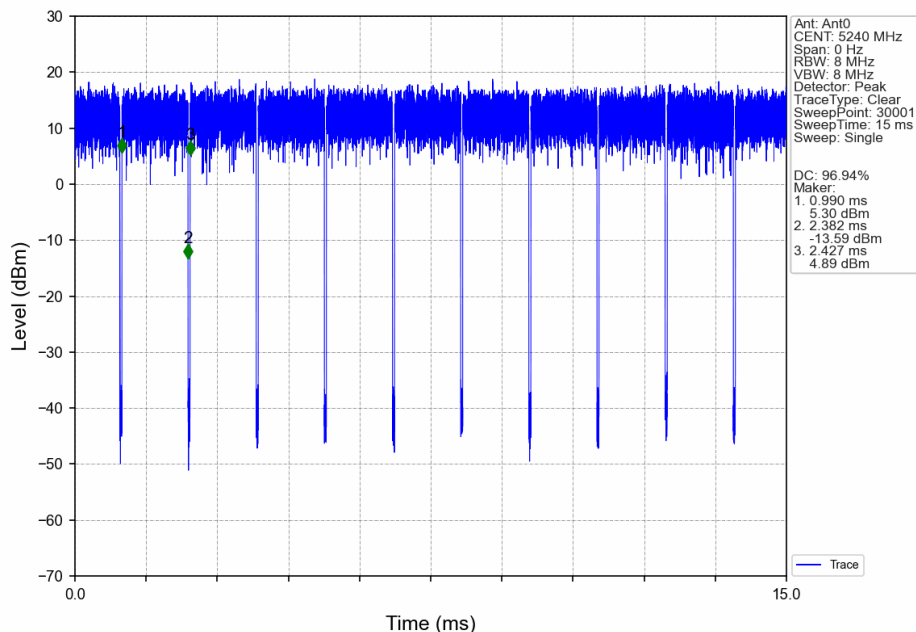
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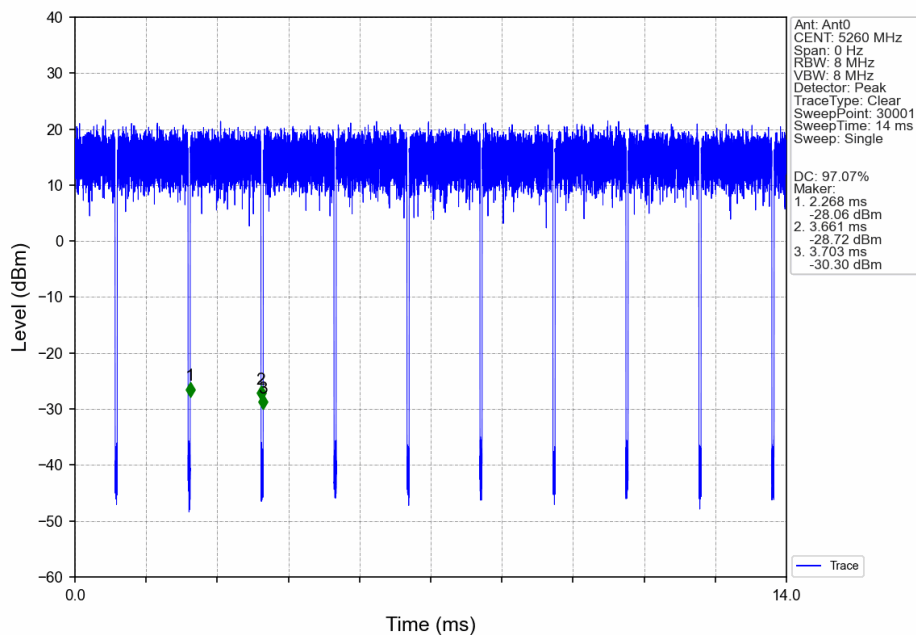
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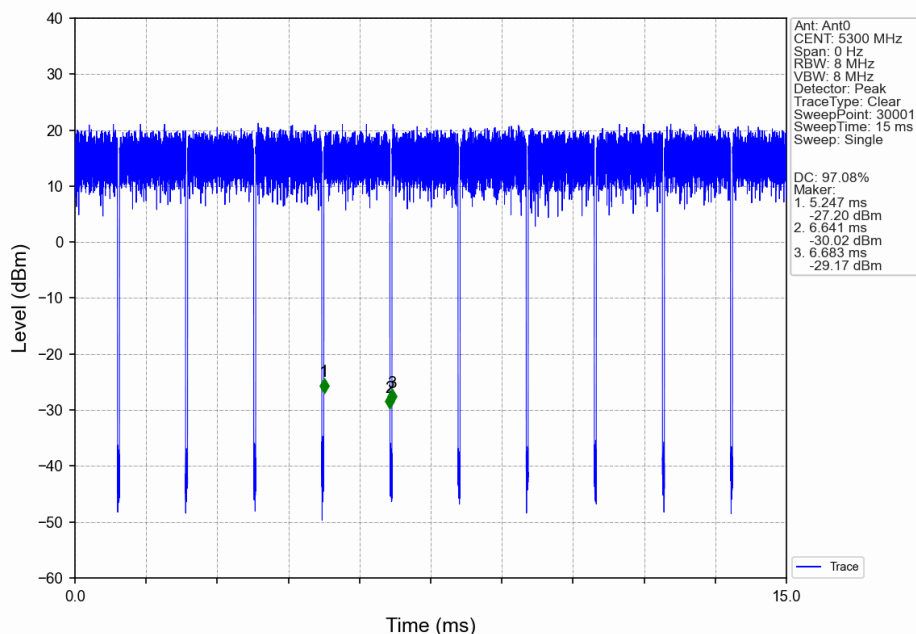
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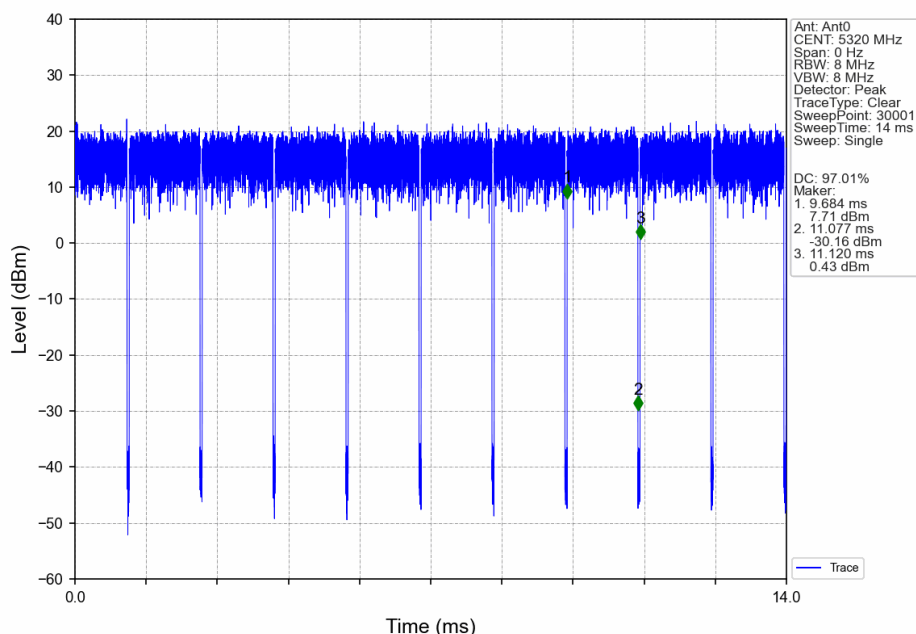
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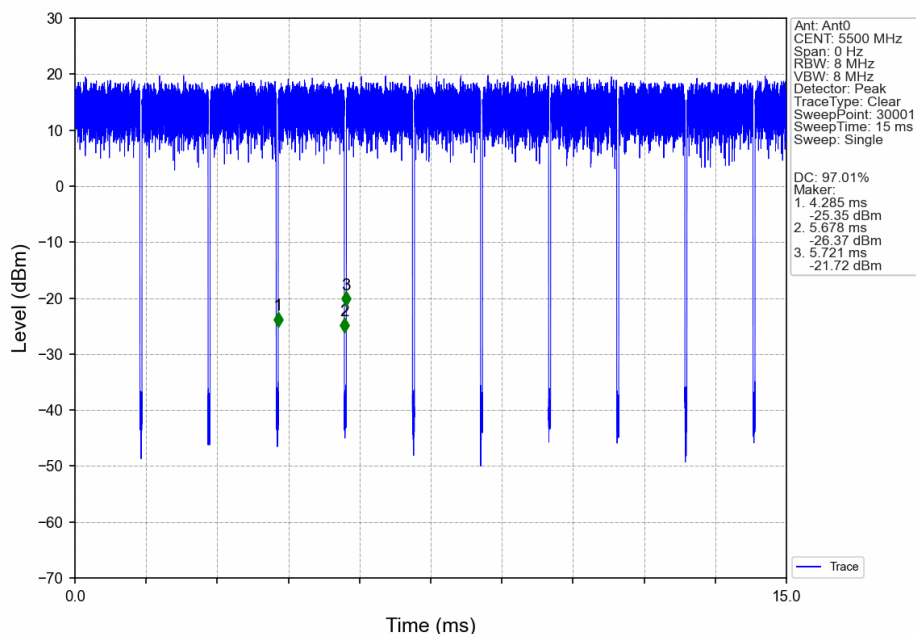
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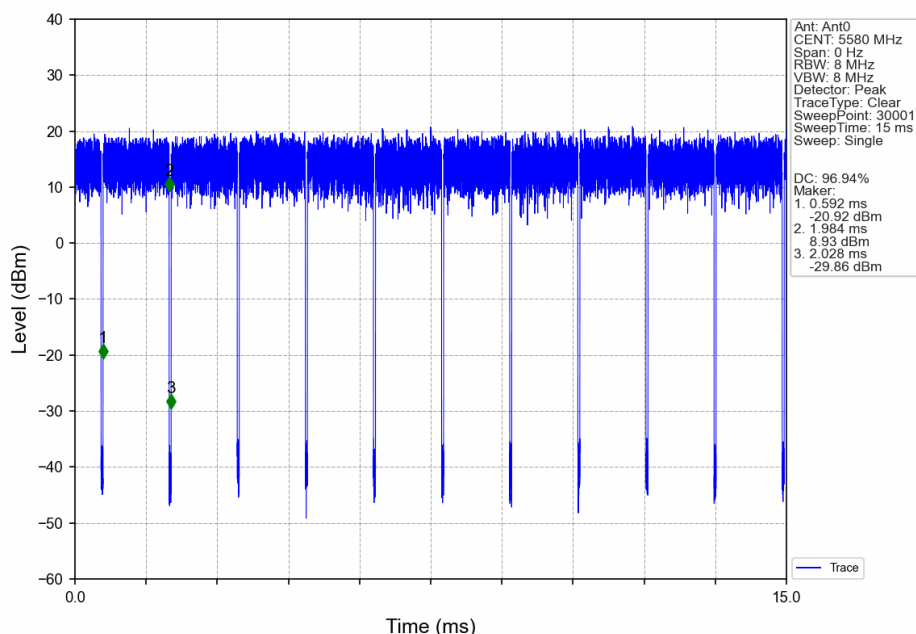
802.11a\_HCH\_5320MHz\_Ant0\_NTNV



802.11a\_LCH\_5500MHz\_Ant0\_NTNV



802.11a\_MCH\_5580MHz\_Ant0\_NTNV



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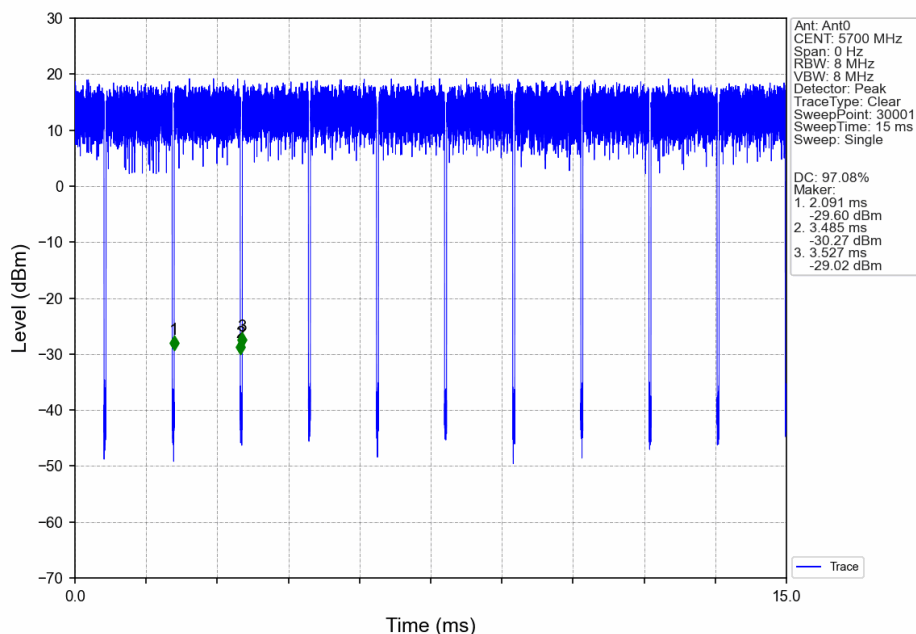
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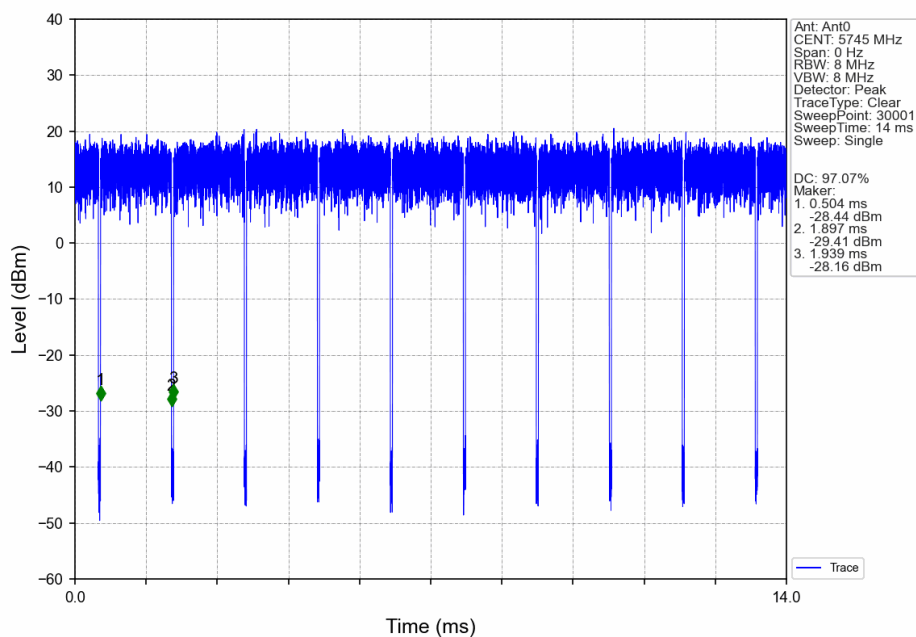
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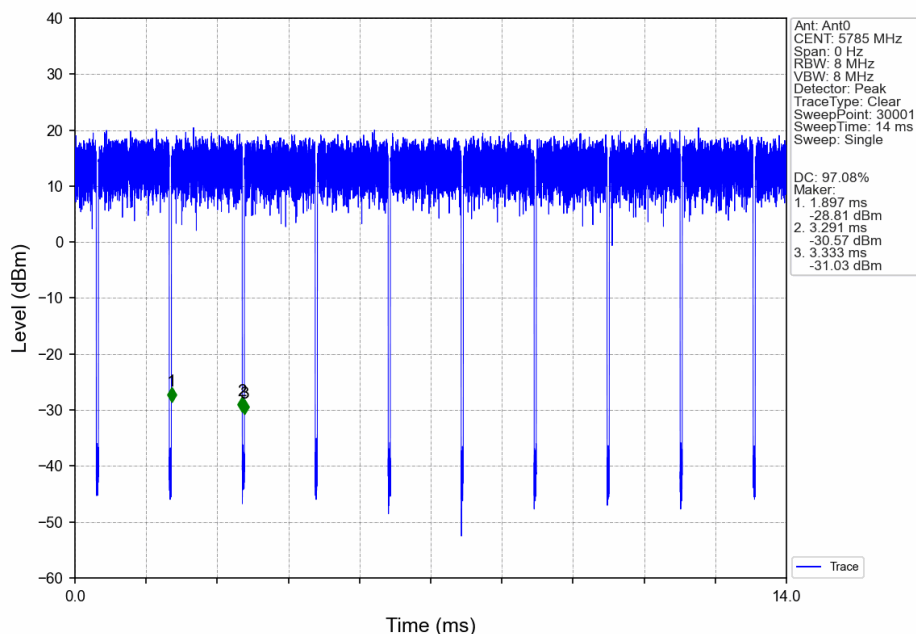
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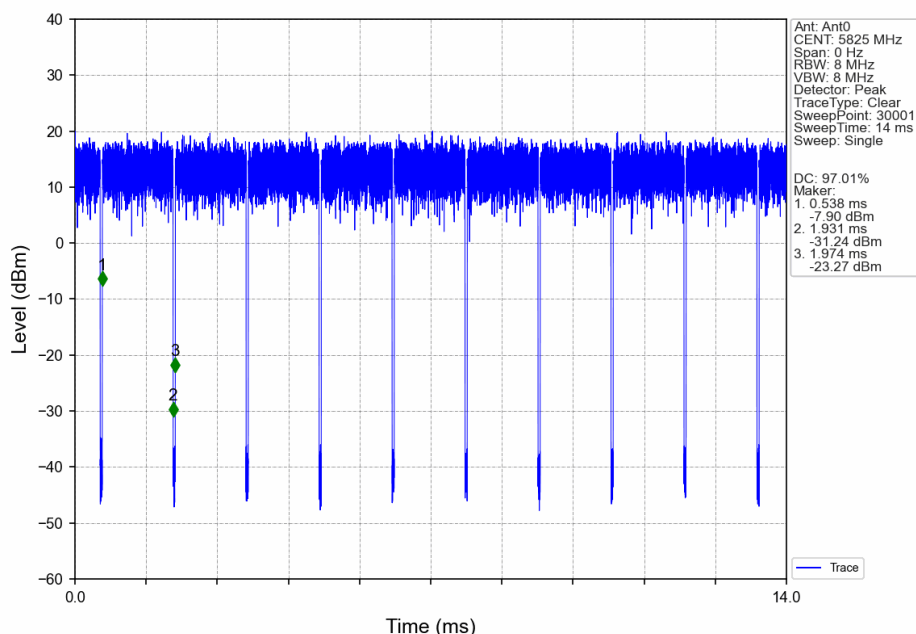
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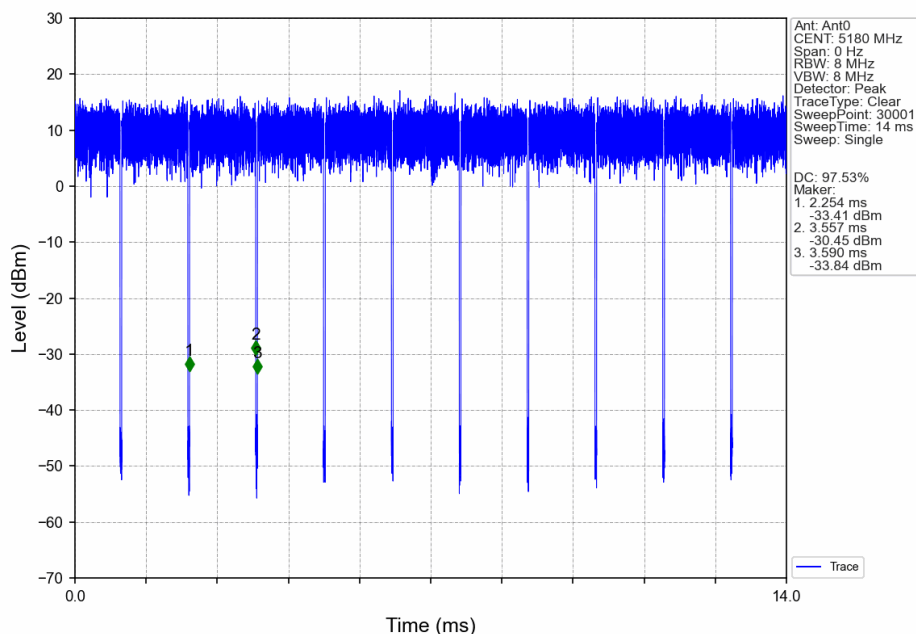
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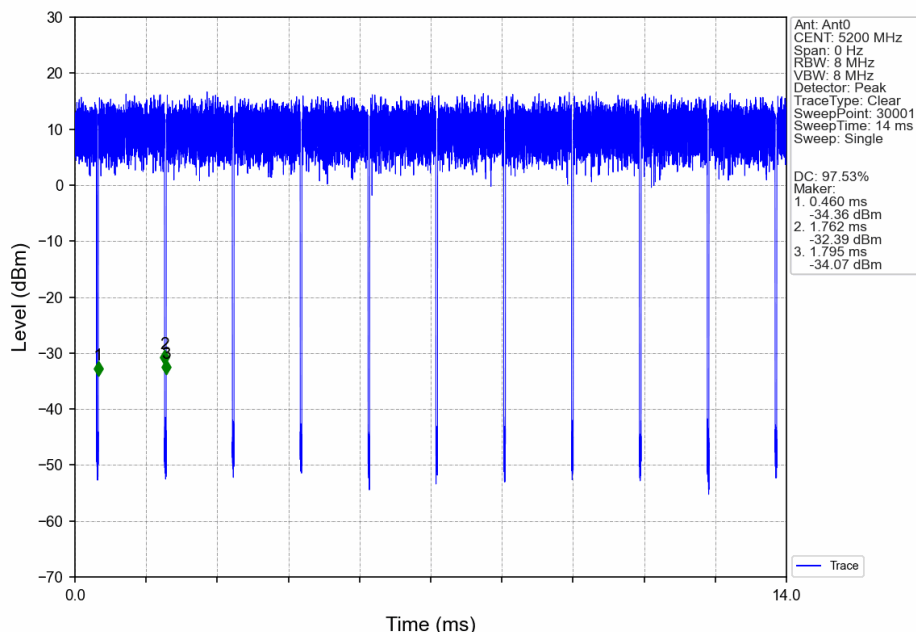
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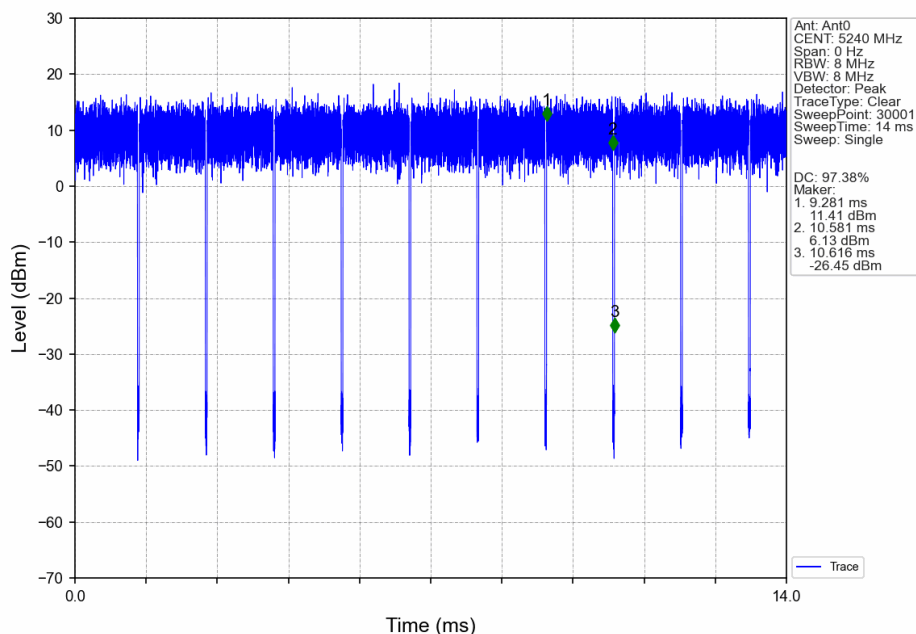
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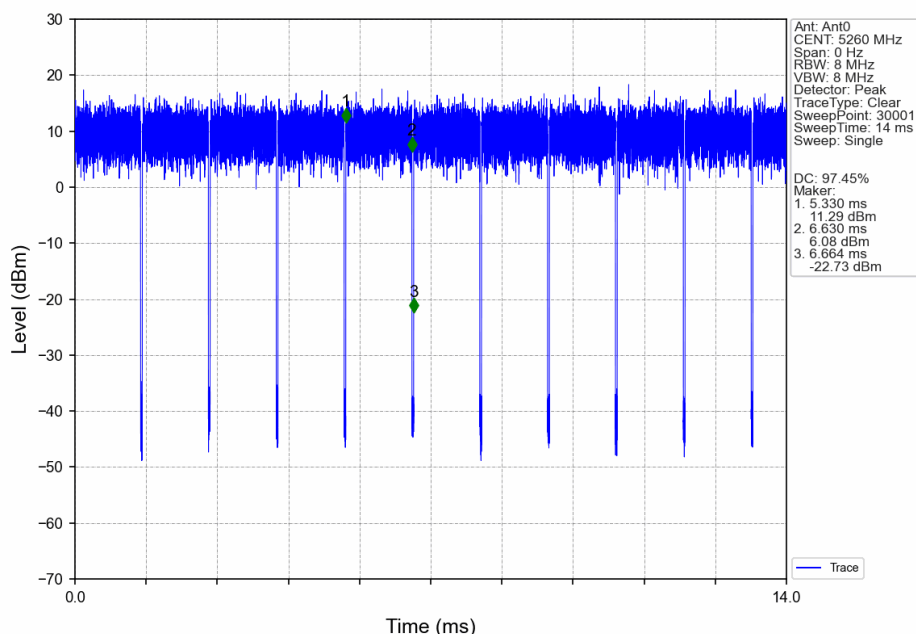
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802.11n(HT20)\_HCH\_5240MHz\_Ant0\_NTNV



802.11n(HT20)\_LCH\_5260MHz\_Ant0\_NTNV

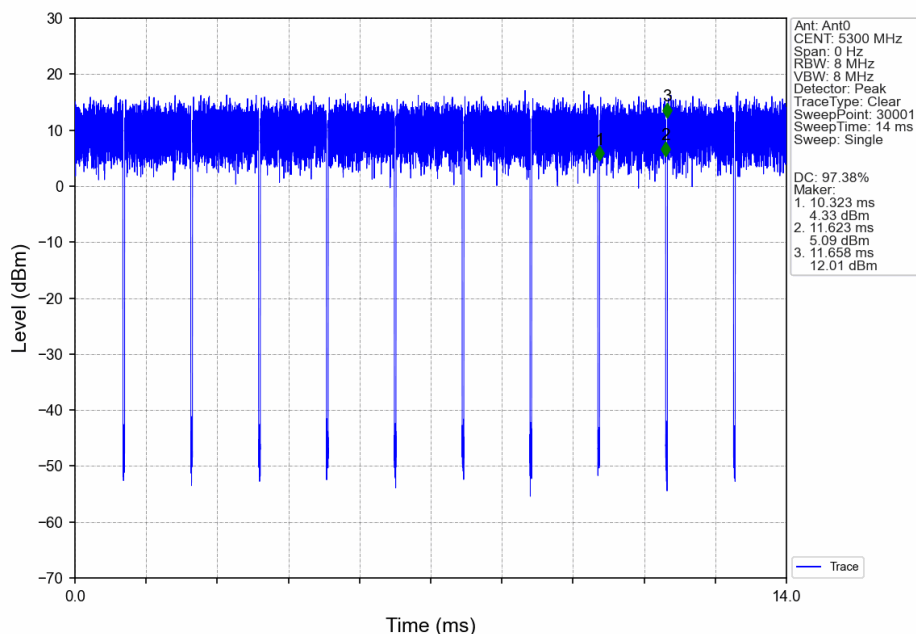


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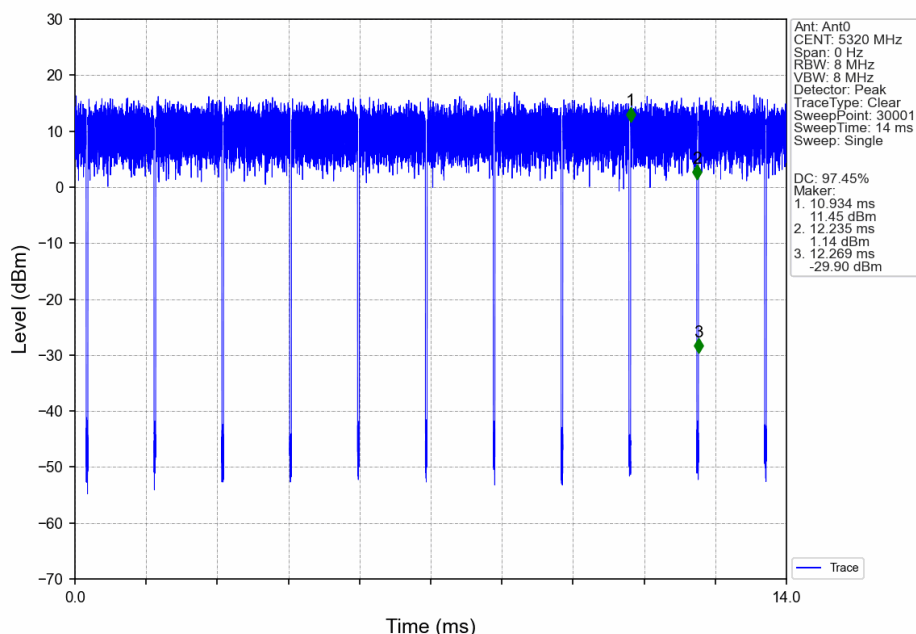
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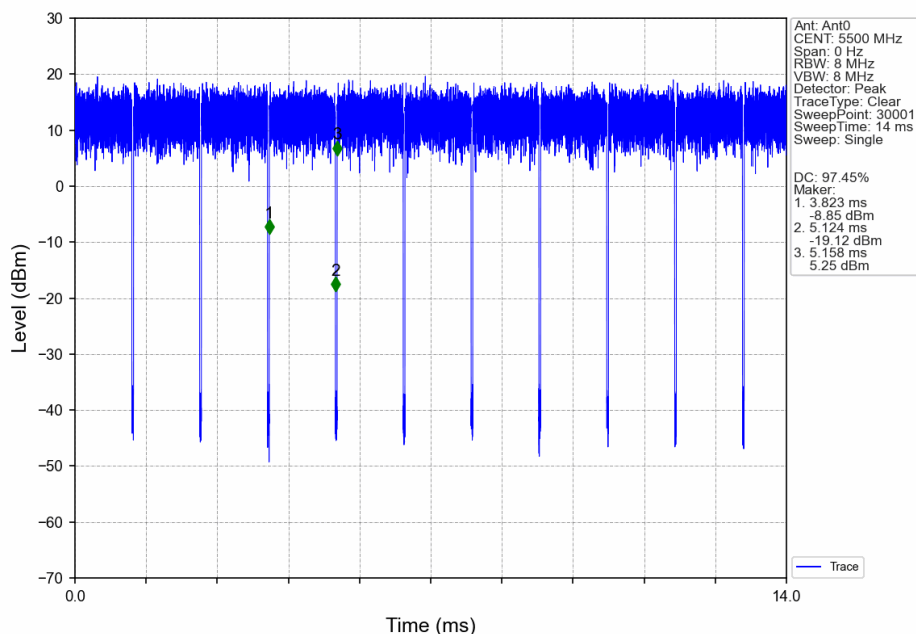
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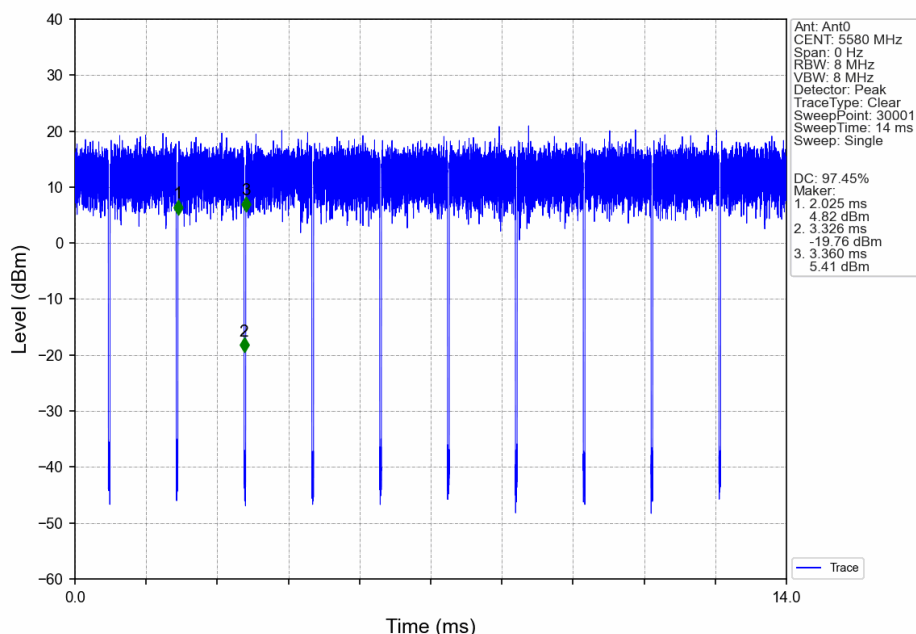
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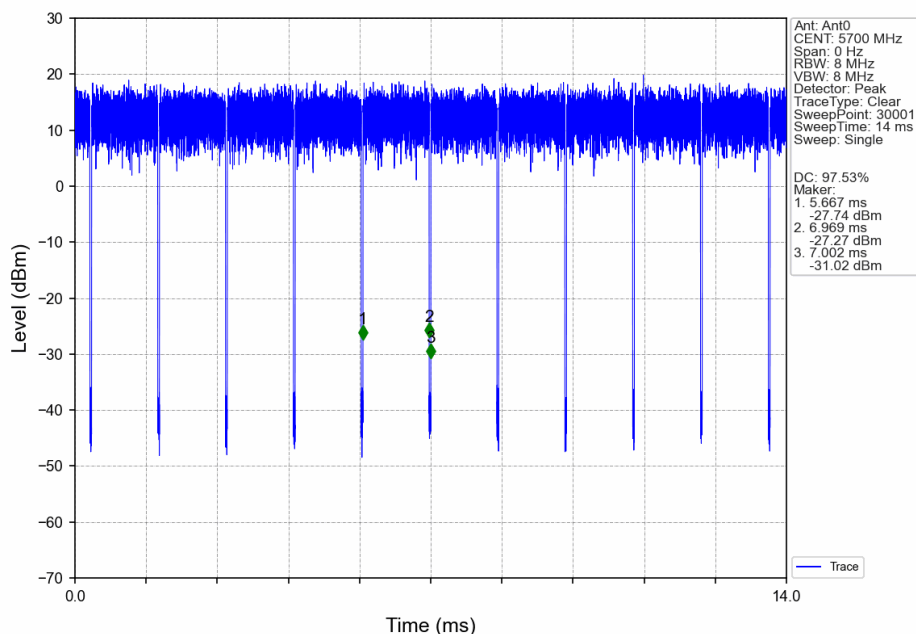
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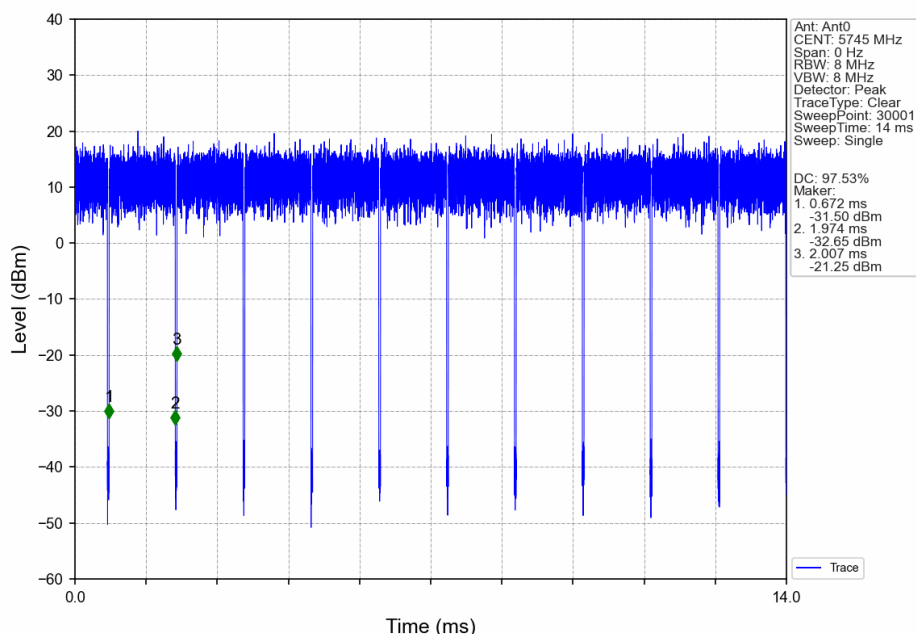
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802.11n(HT20)\_HCH\_5700MHz\_Ant0\_NTNV



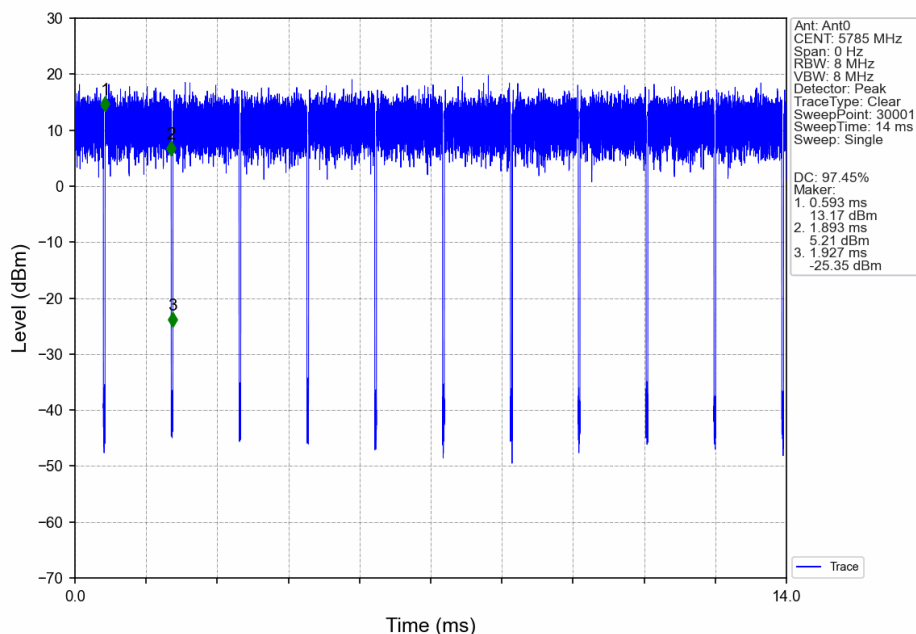
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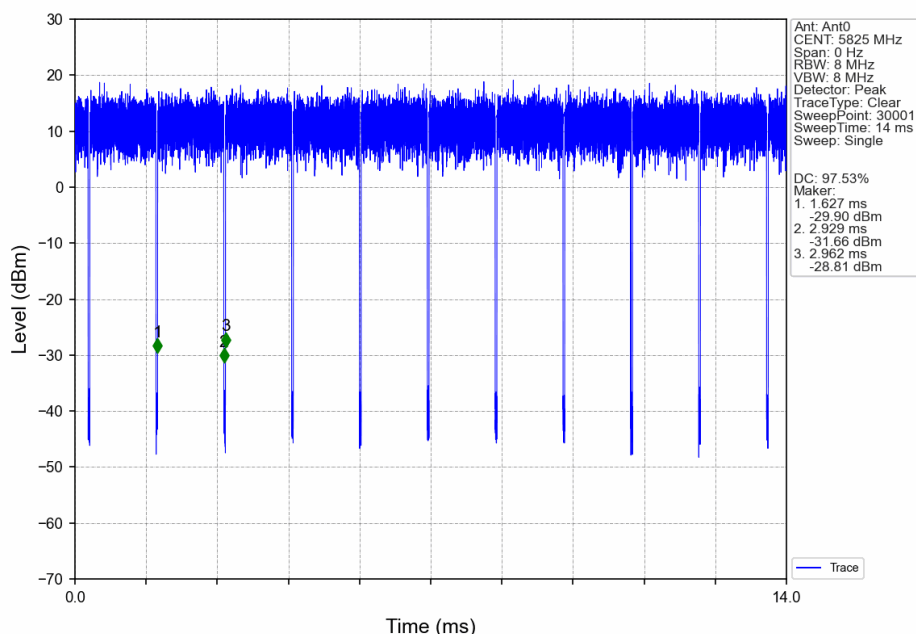
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### 802.11n(HT20)\_MCH\_5785MHz\_Ant0\_NTNV



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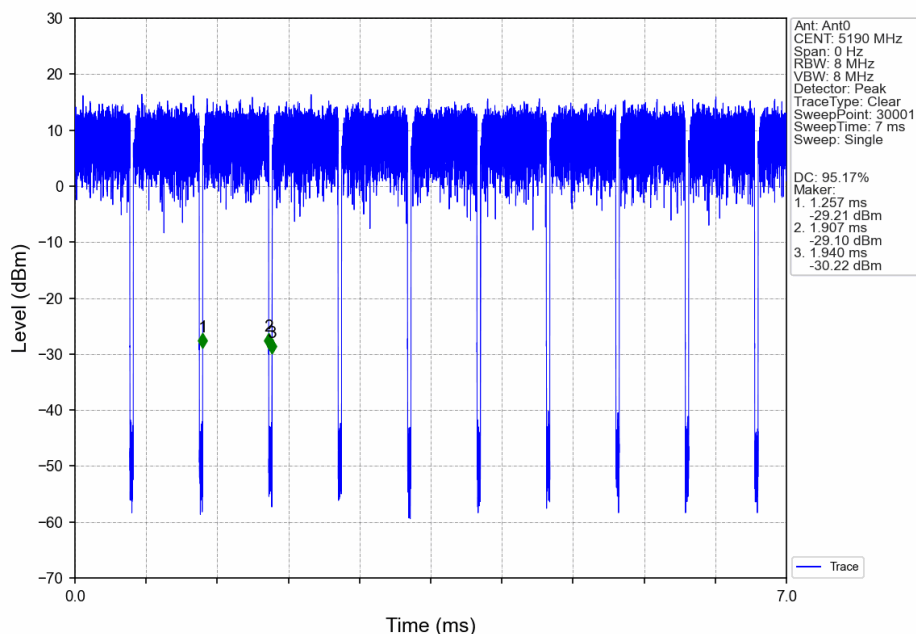
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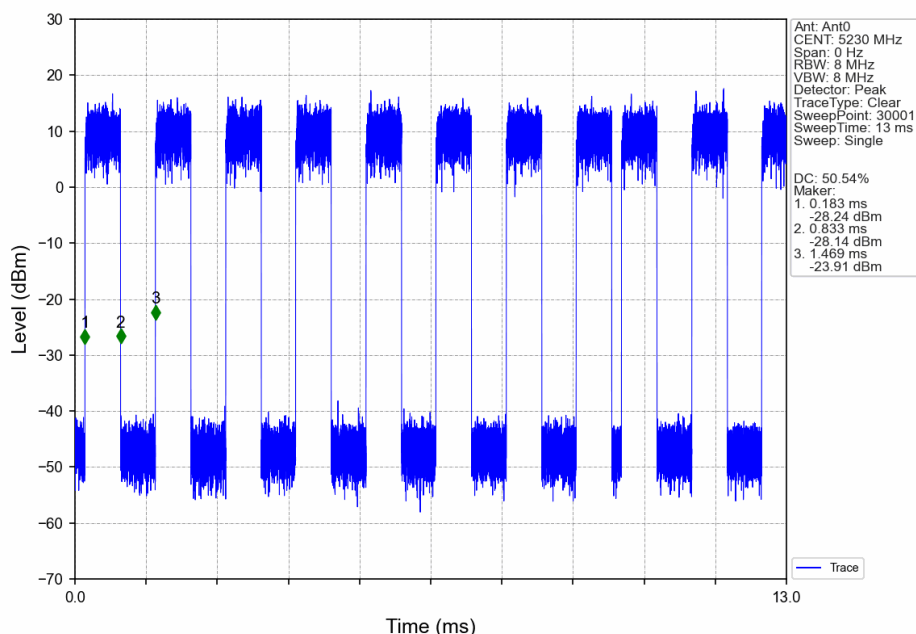
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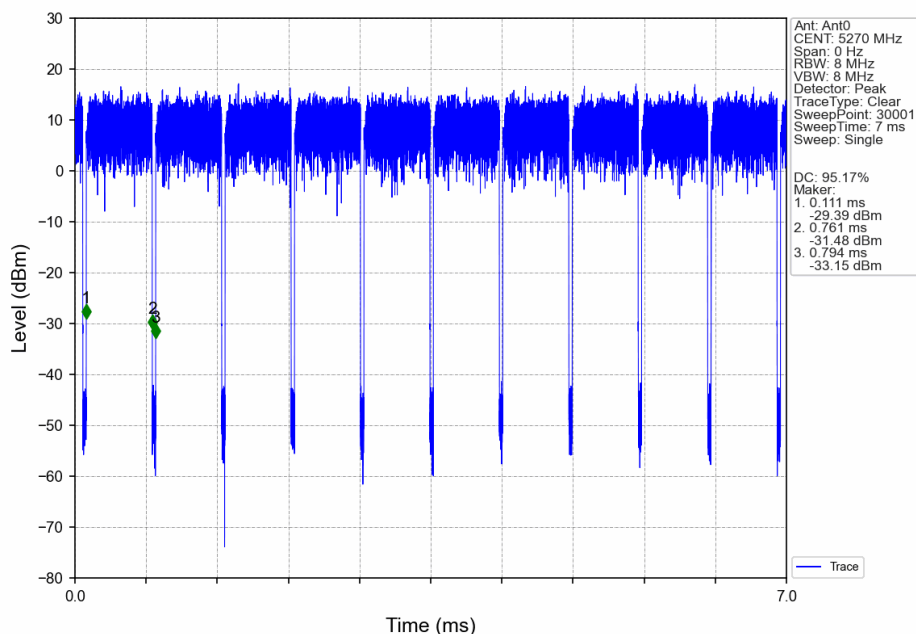
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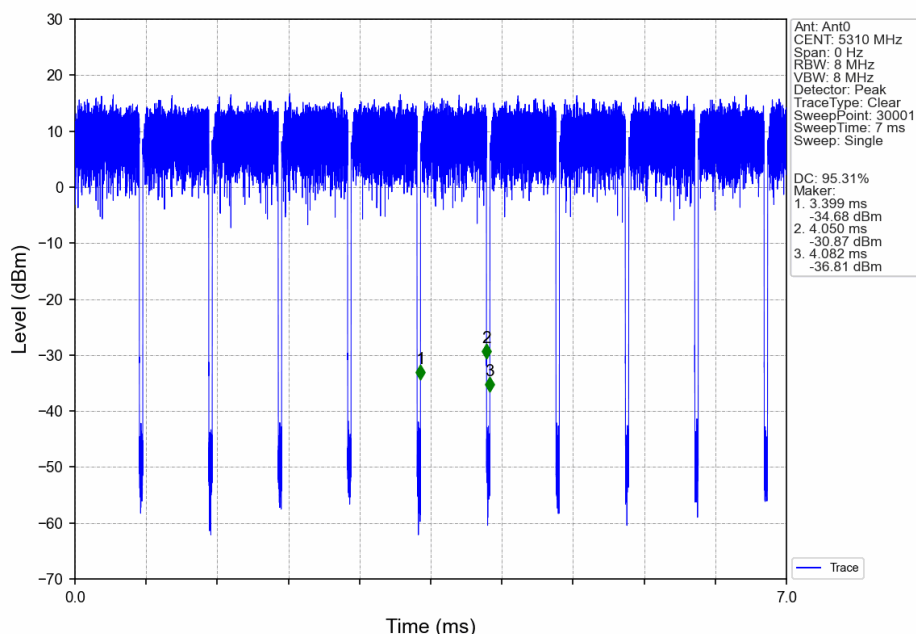
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### 802.11n(HT40)\_LCH\_5270MHz\_Ant0\_NTNV



### 802.11n(HT40)\_HCH\_5310MHz\_Ant0\_NTNV



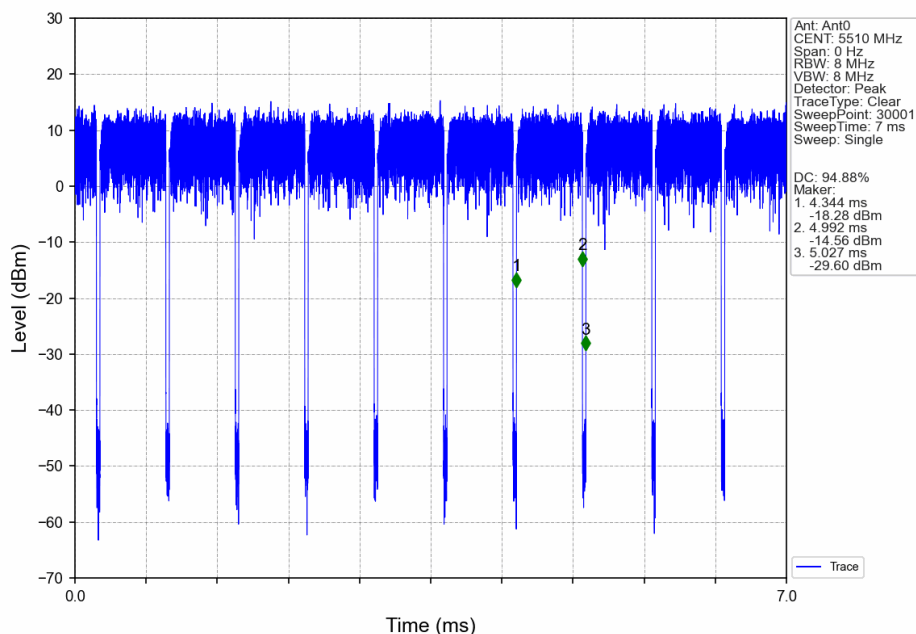
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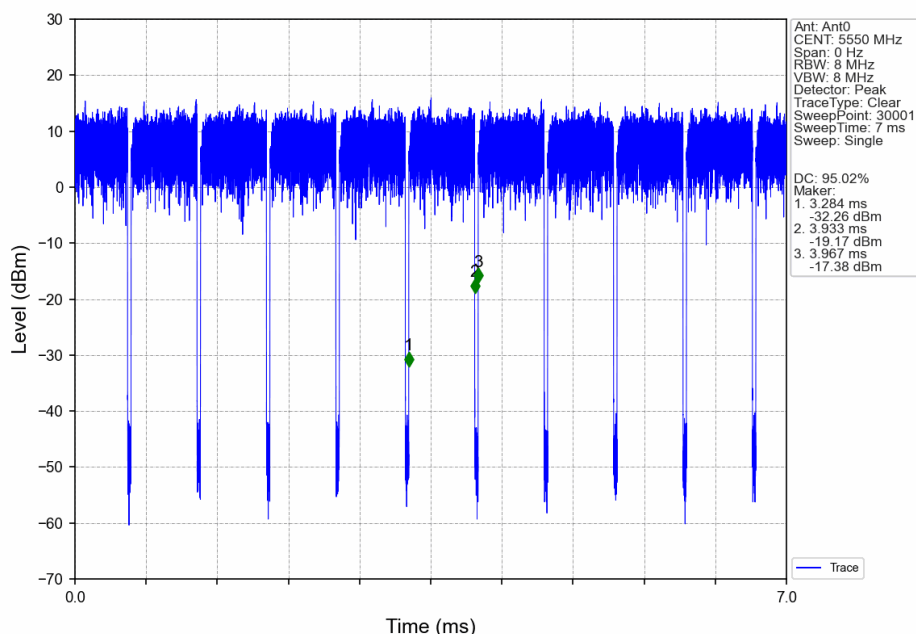
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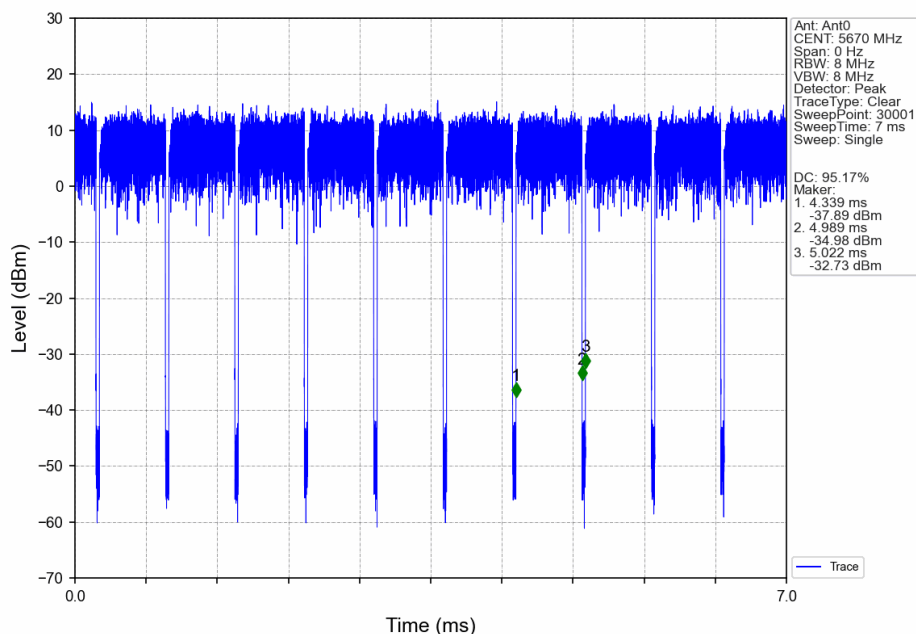
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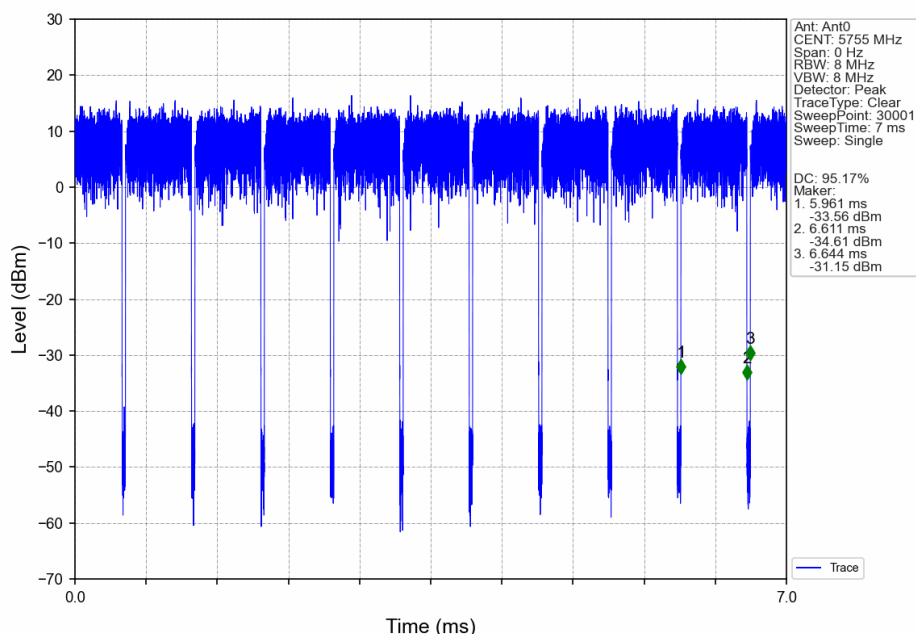
802.11n(HT40)\_MCH\_5550MHz\_Ant0\_NTNV



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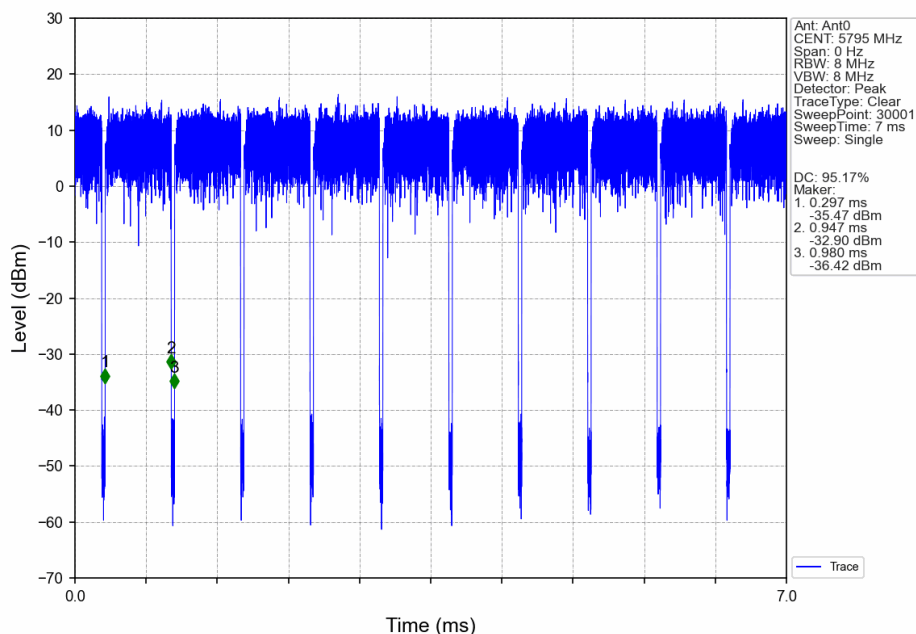


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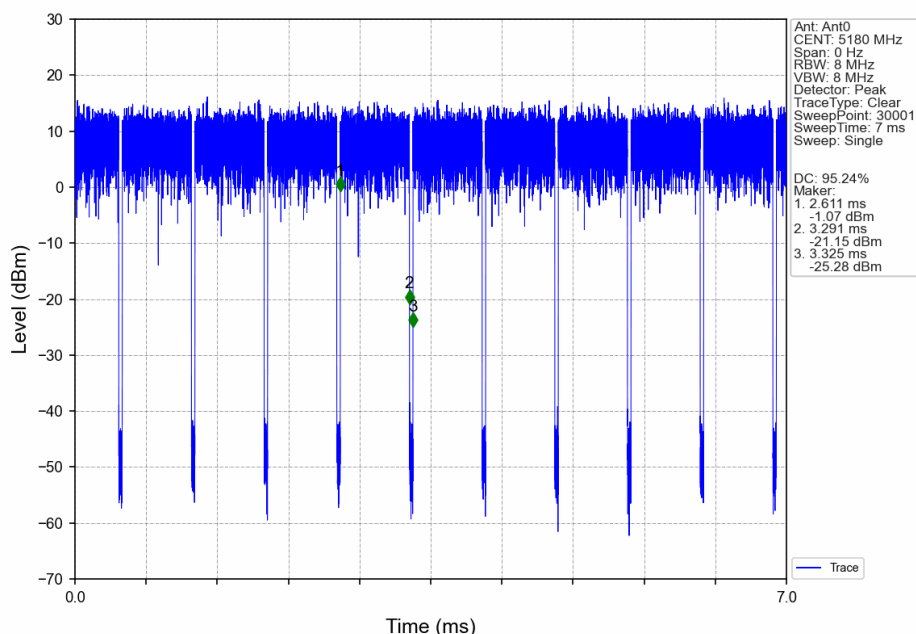




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### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant0\_NTNV



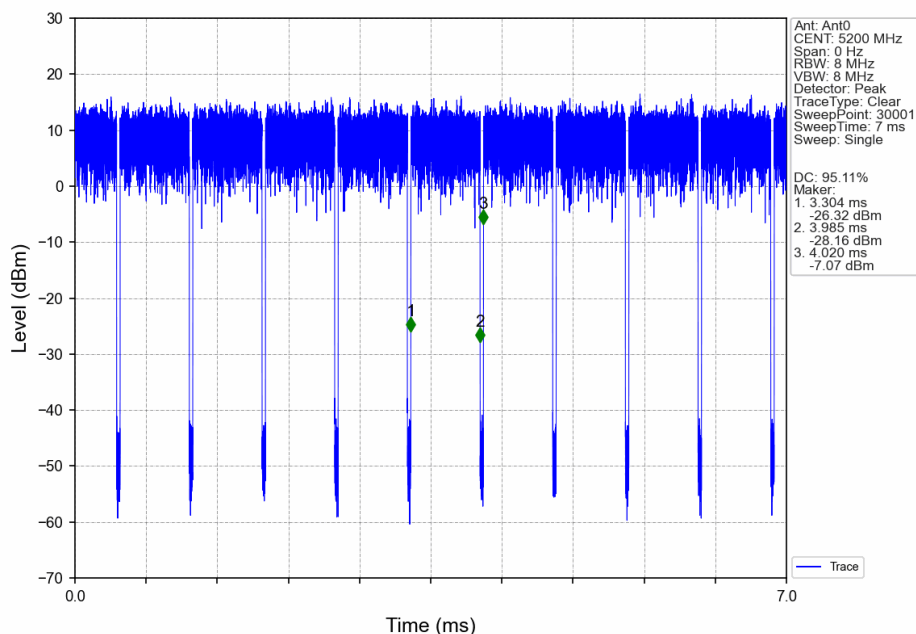
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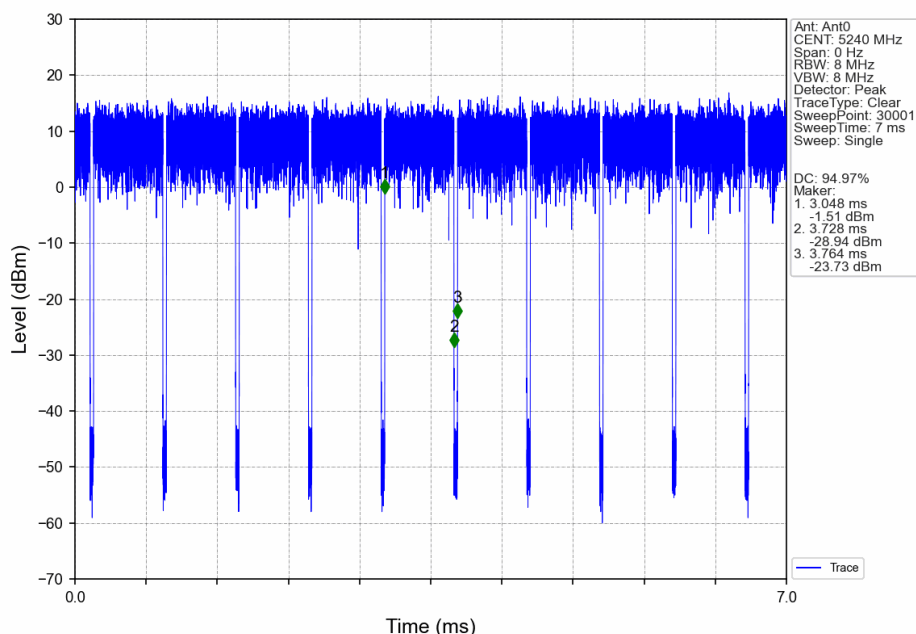
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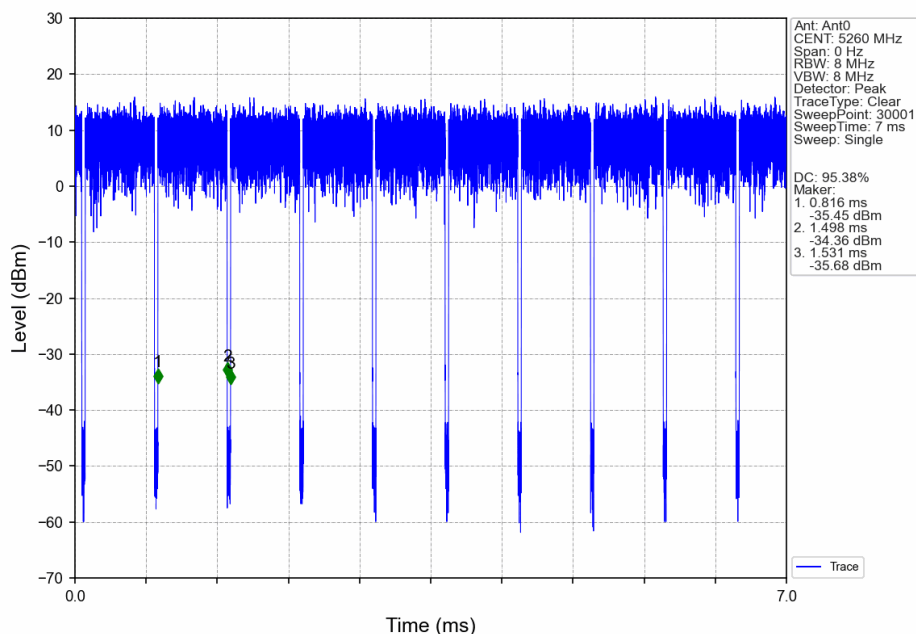
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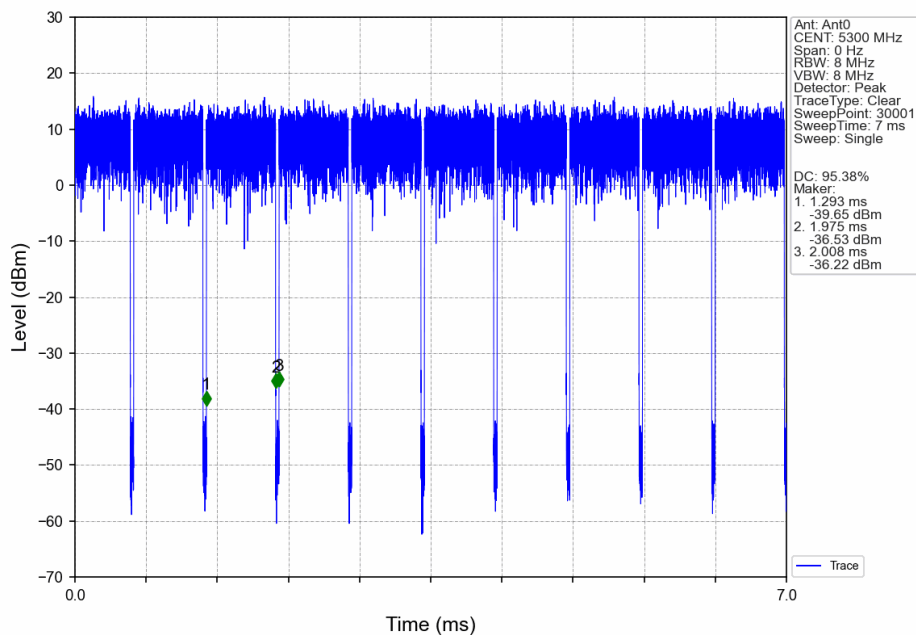
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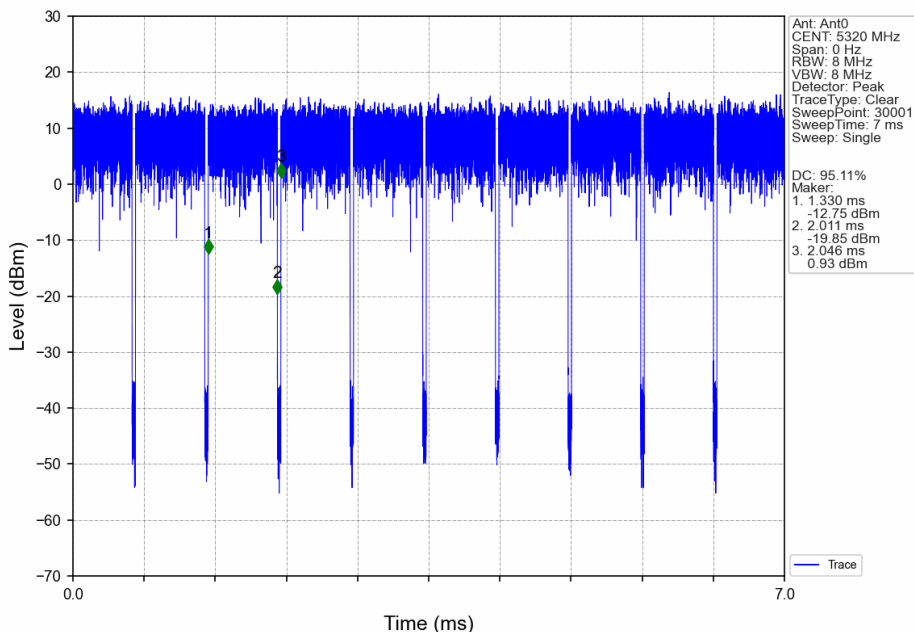
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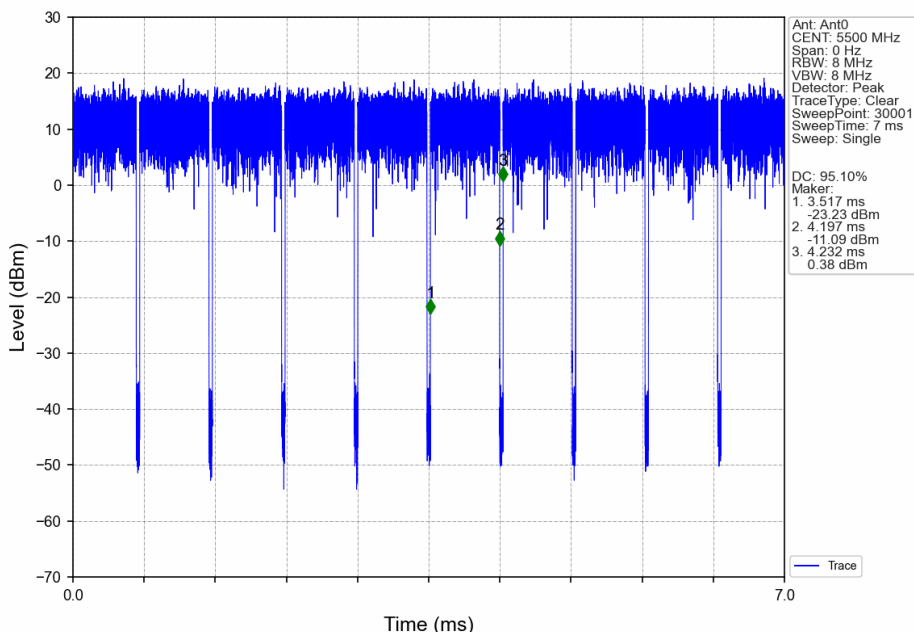
802.11ac(VHT20)\_MCH\_5300MHz\_Ant0\_NTNV



802.11ac(VHT20)\_HCH\_5320MHz\_Ant0\_NTNV

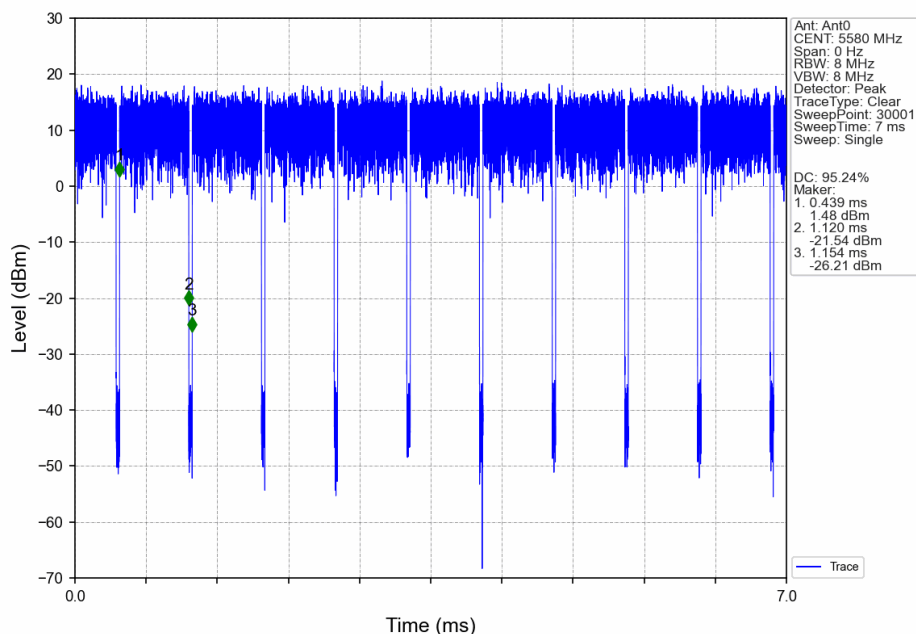


802.11ac(VHT20)\_LCH\_5500MHz\_Ant0\_NTNV

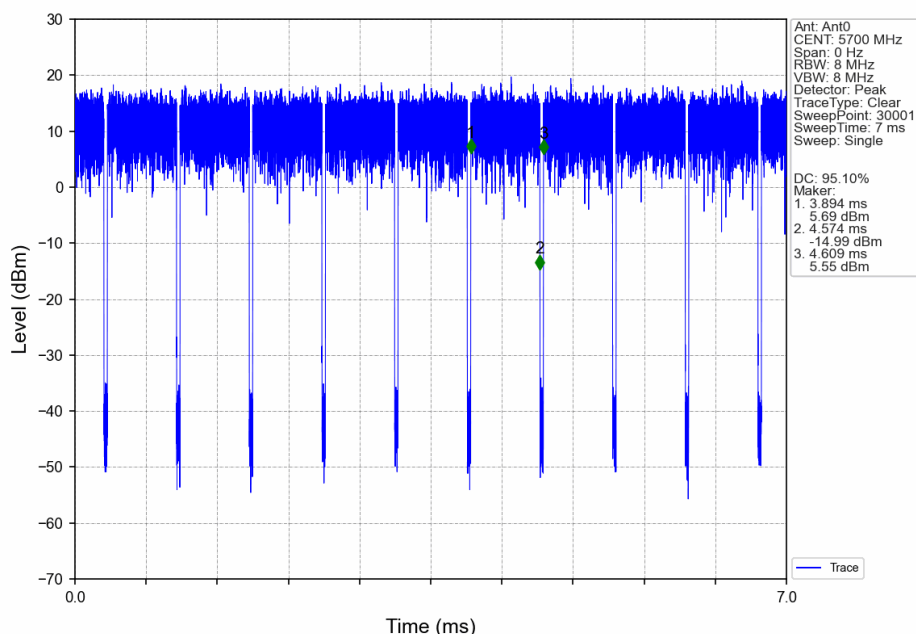




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### 802.11ac(VHT20)\_HCH\_5700MHz\_Ant0\_NTNV



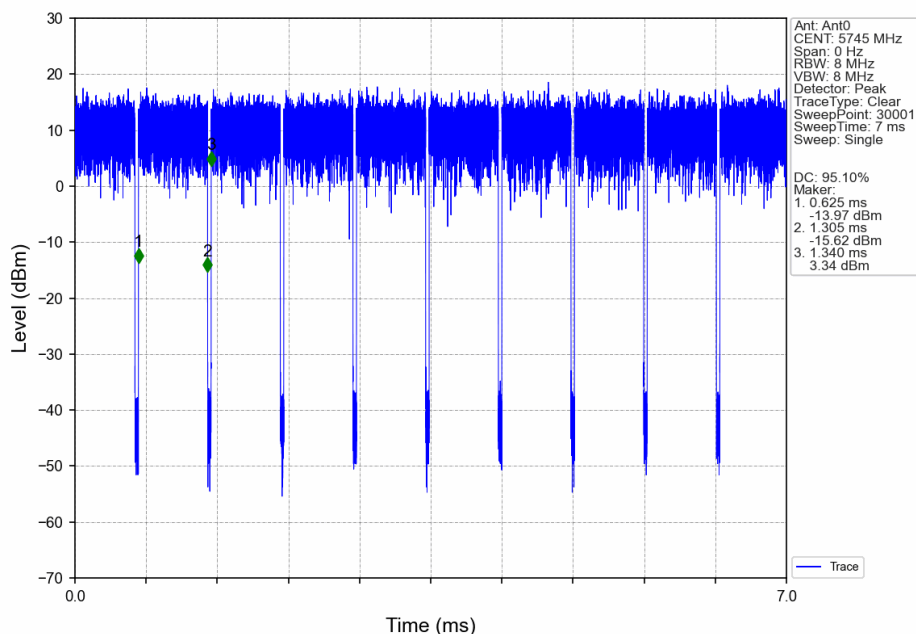
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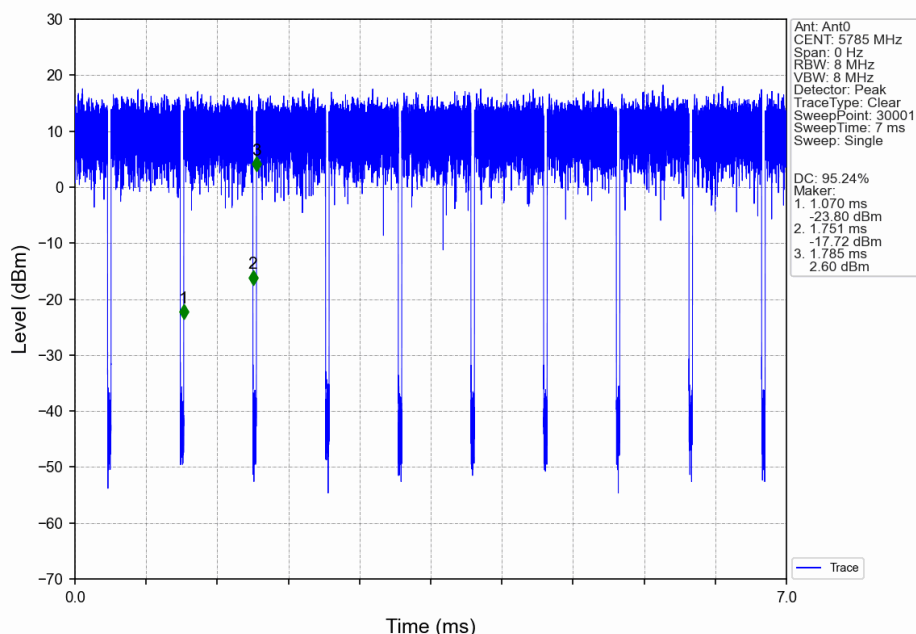
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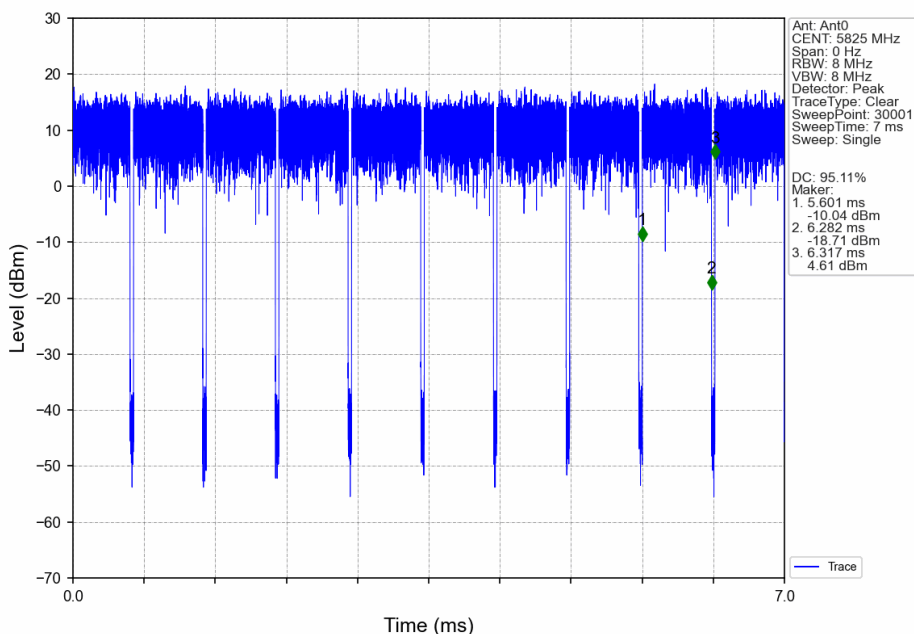
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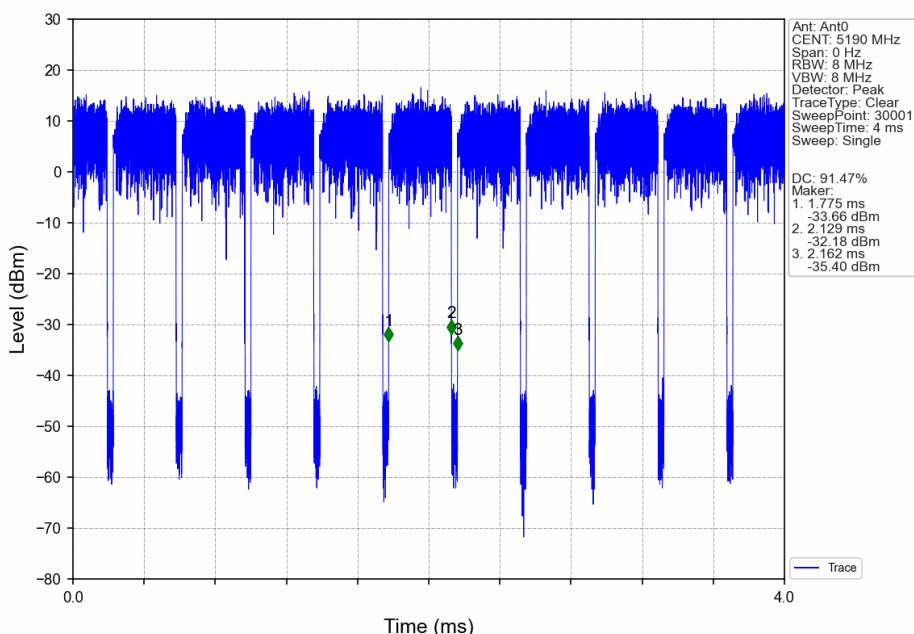
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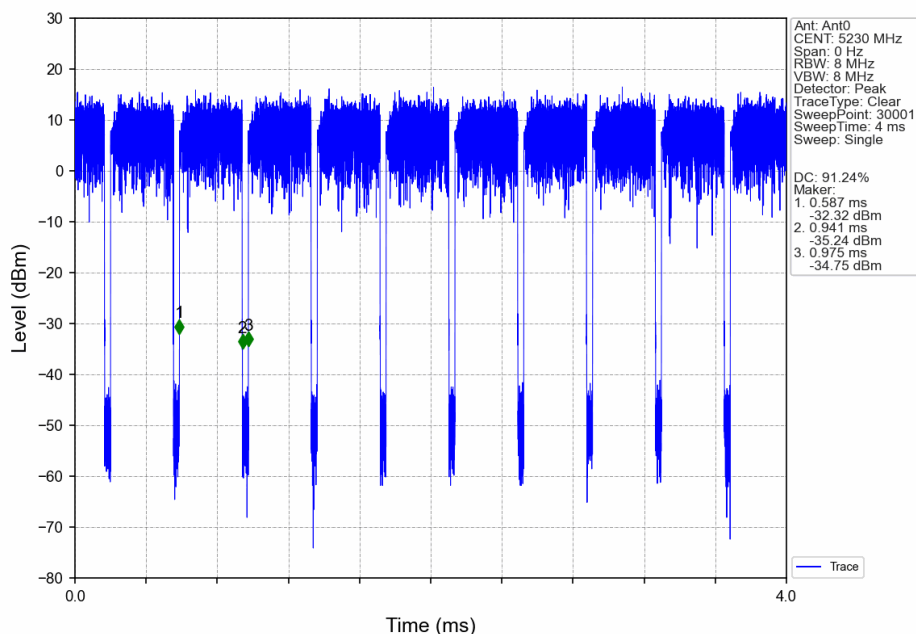
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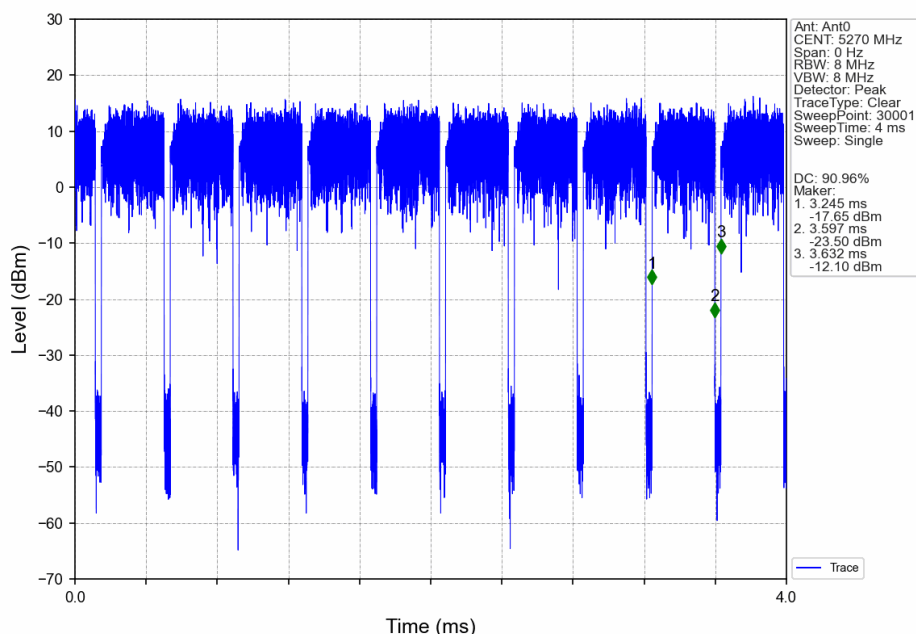
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802.11ac(VHT40)\_HCH\_5230MHz\_Ant0\_NTNV

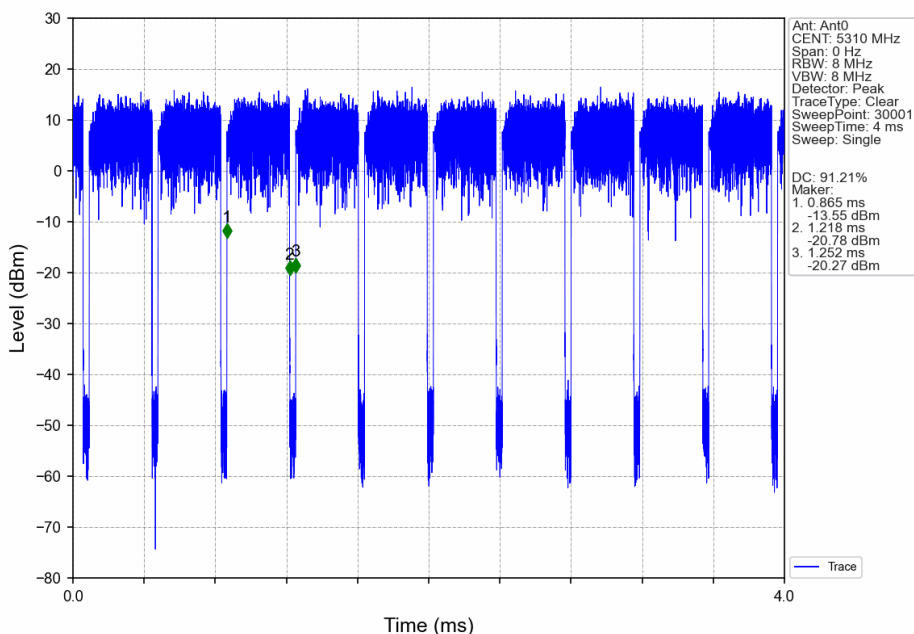


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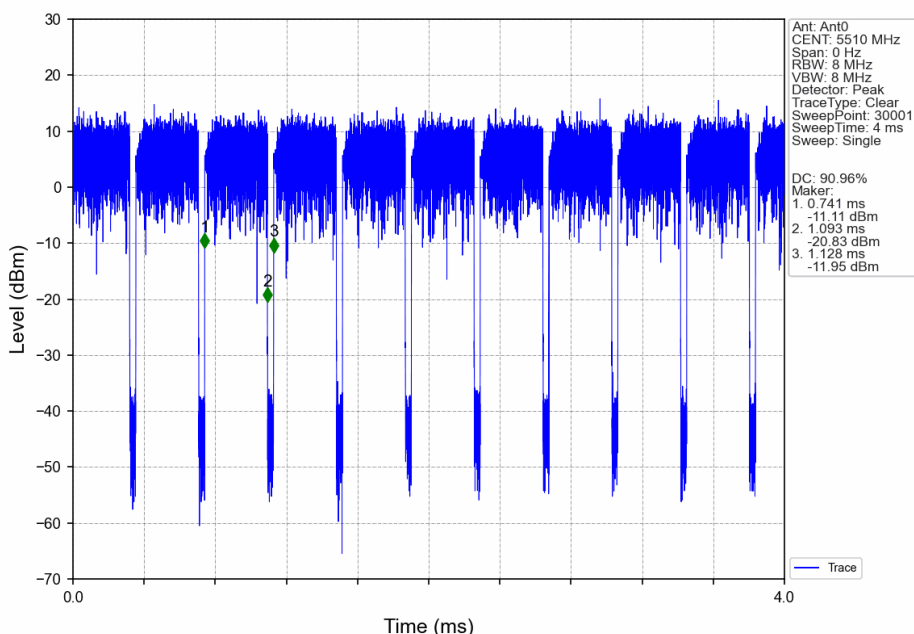




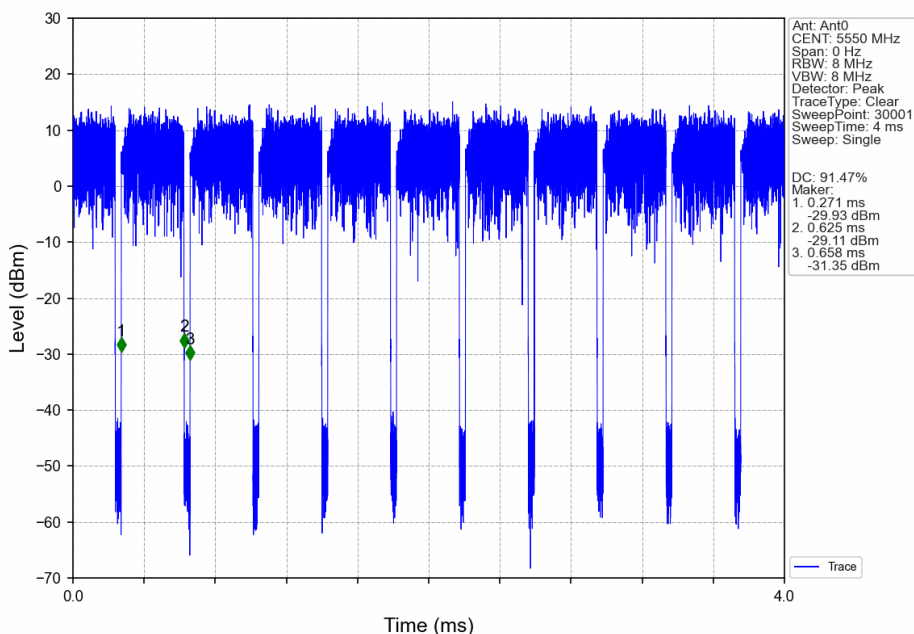
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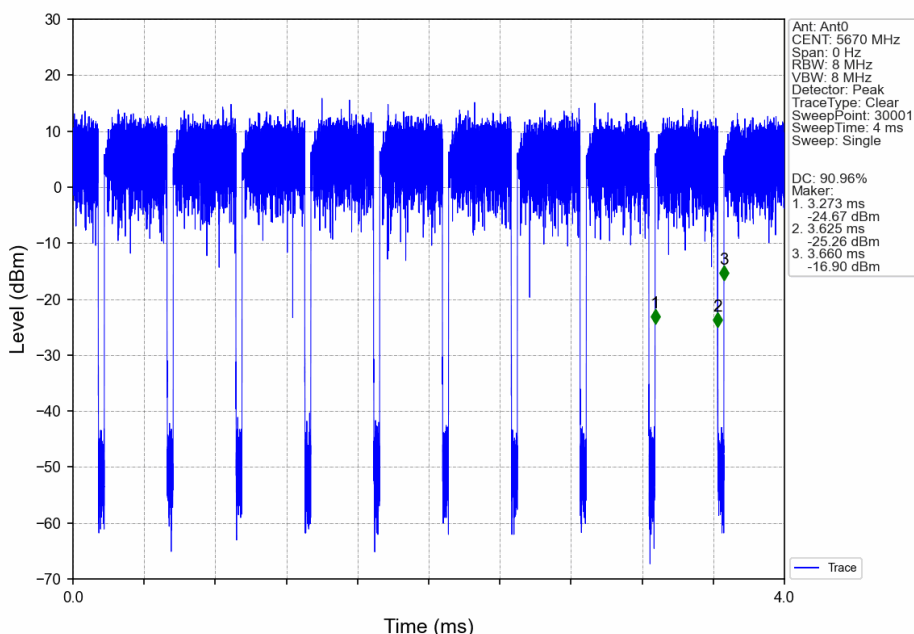
802.11ac(VHT40)\_LCH\_5510MHz\_Ant0\_NTNV



### 802.11ac(VHT40)\_MCH\_5550MHz\_Ant0\_NTNV



### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant0\_NTNV



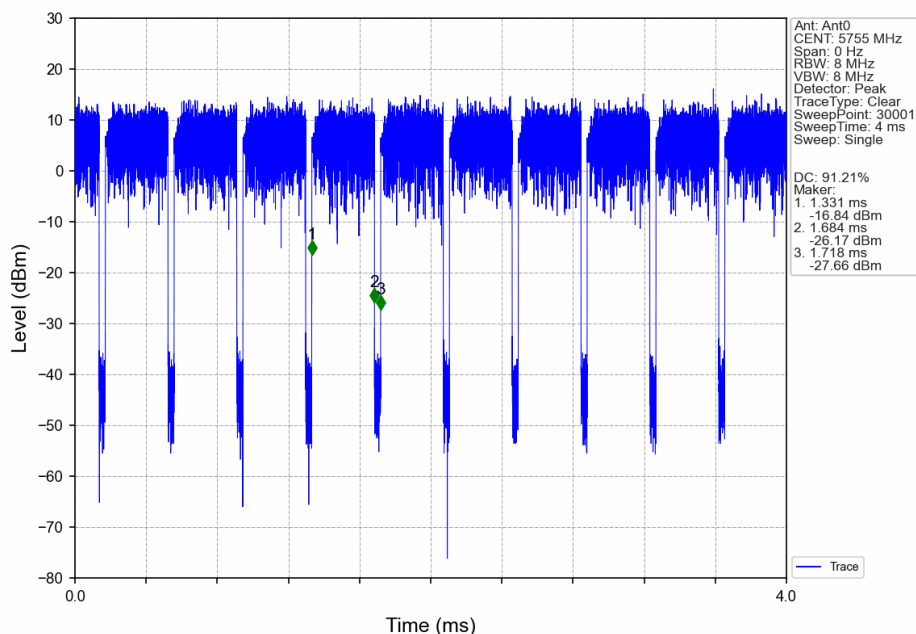
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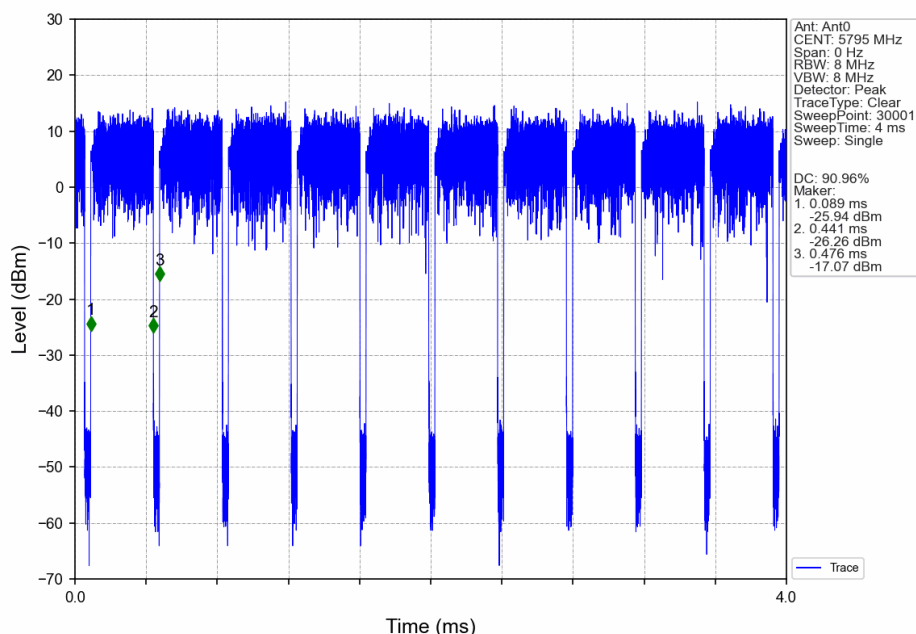
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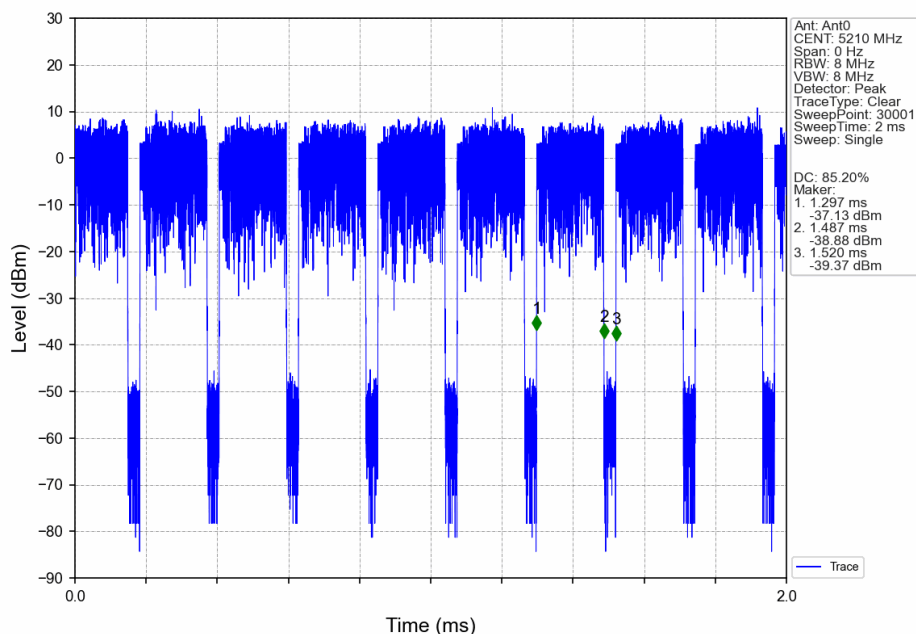
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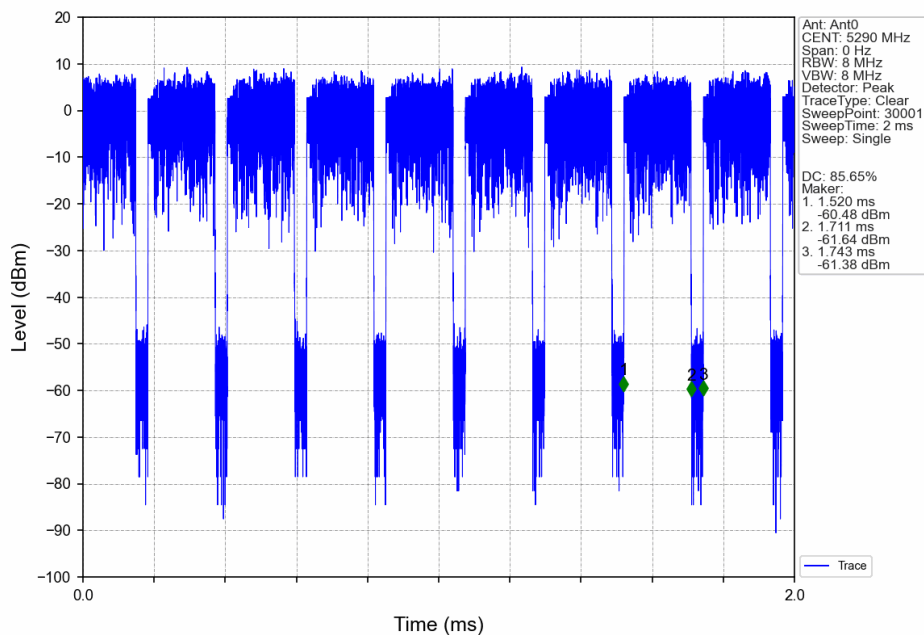
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802.11ac(VHT80)\_MCH\_5210MHz\_Ant0\_NTNV

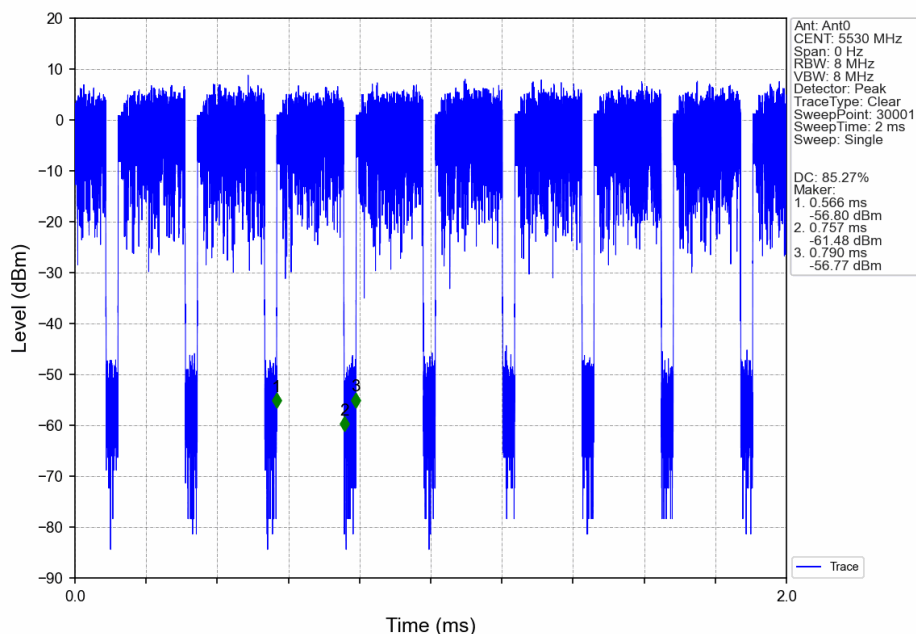


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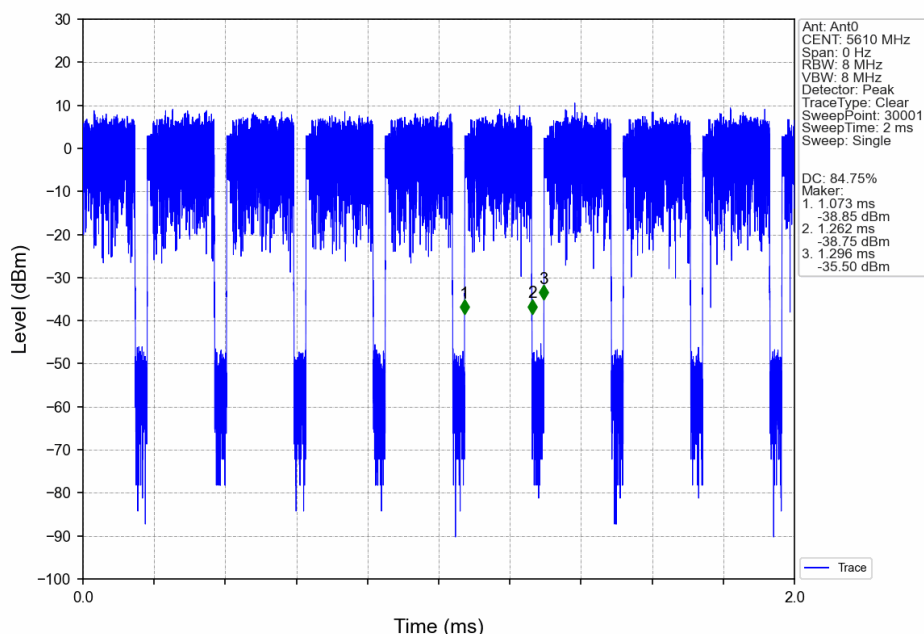




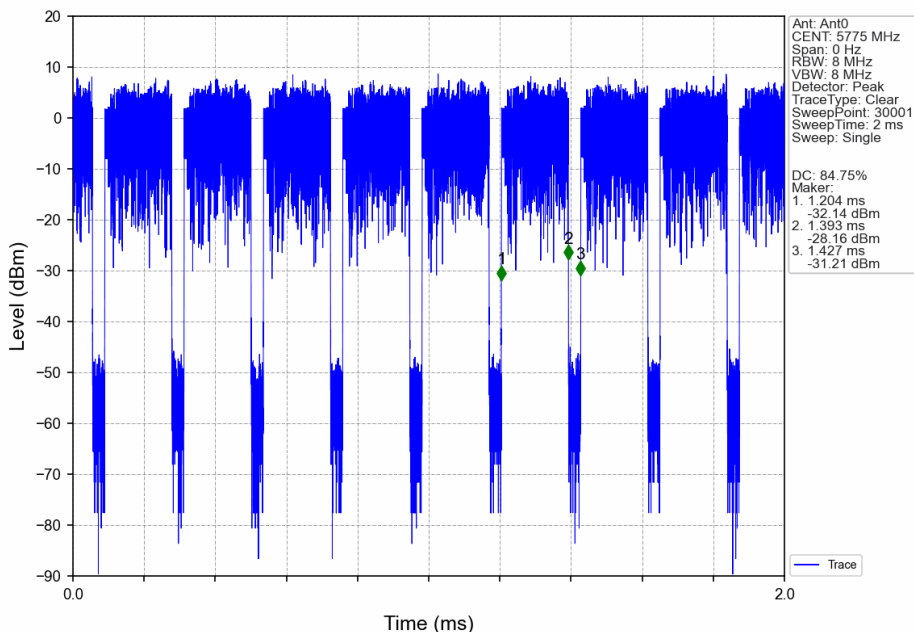
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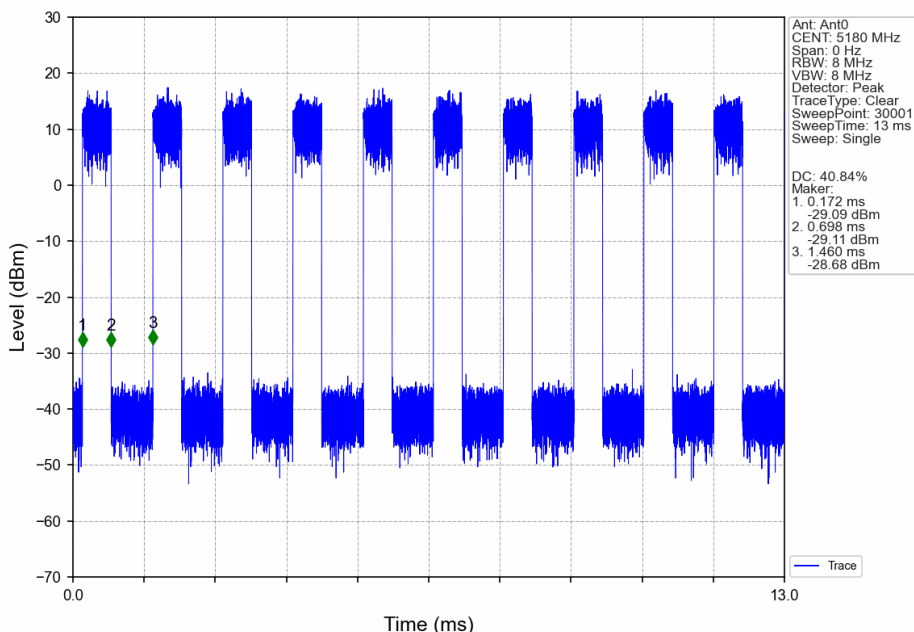
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802.11ac(VHT80)\_MCH\_5775MHz\_Ant0\_NTNV



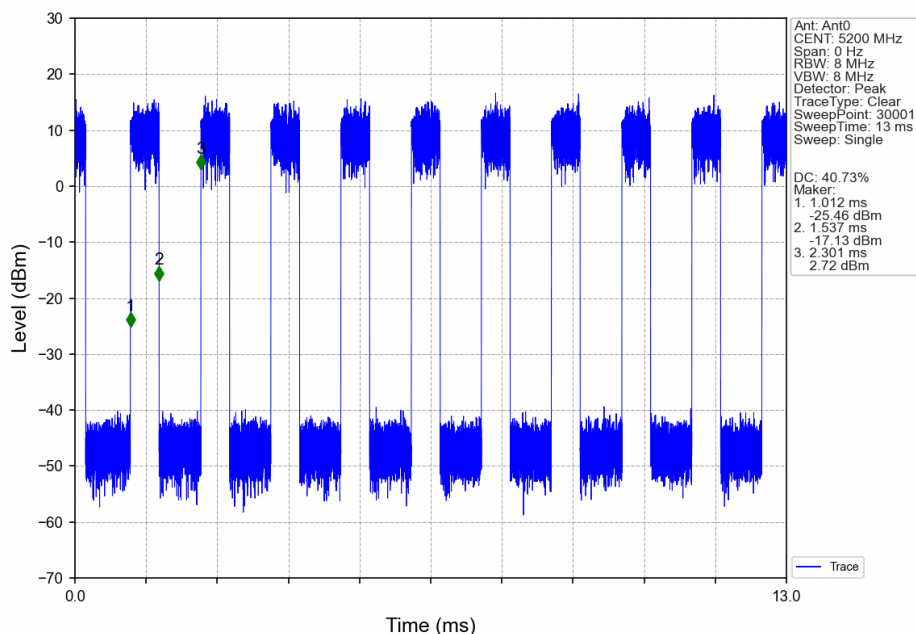
802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant0\_NTNV



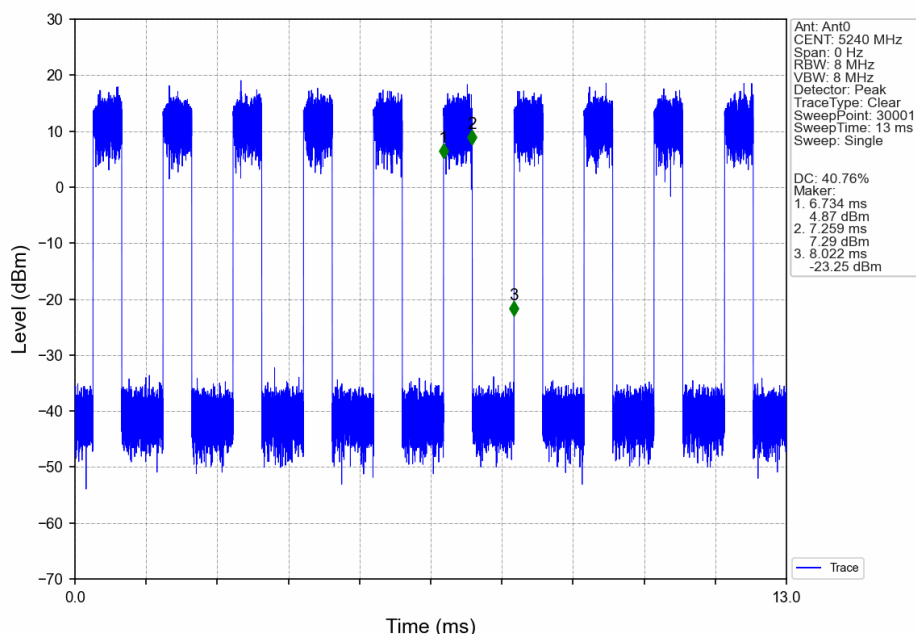
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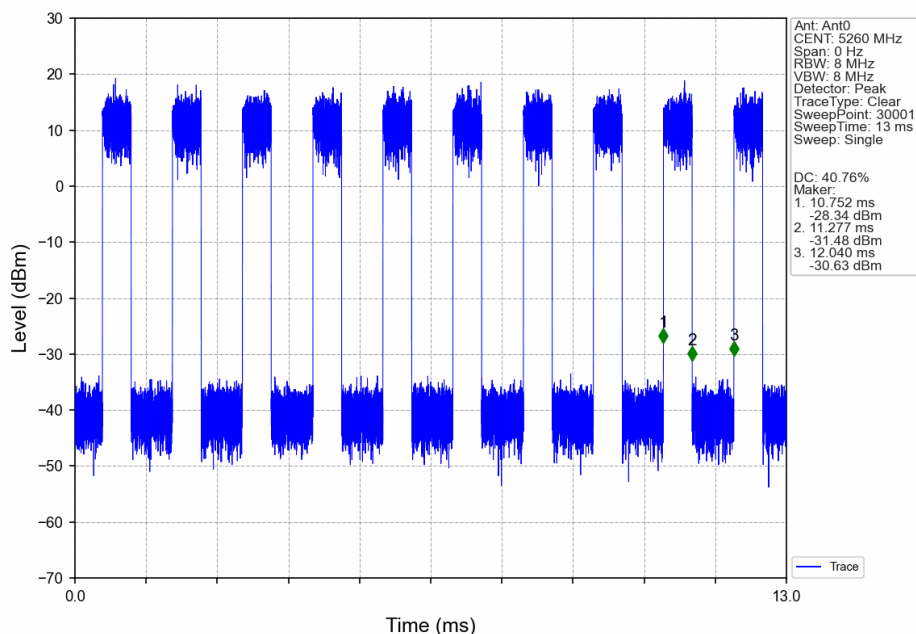
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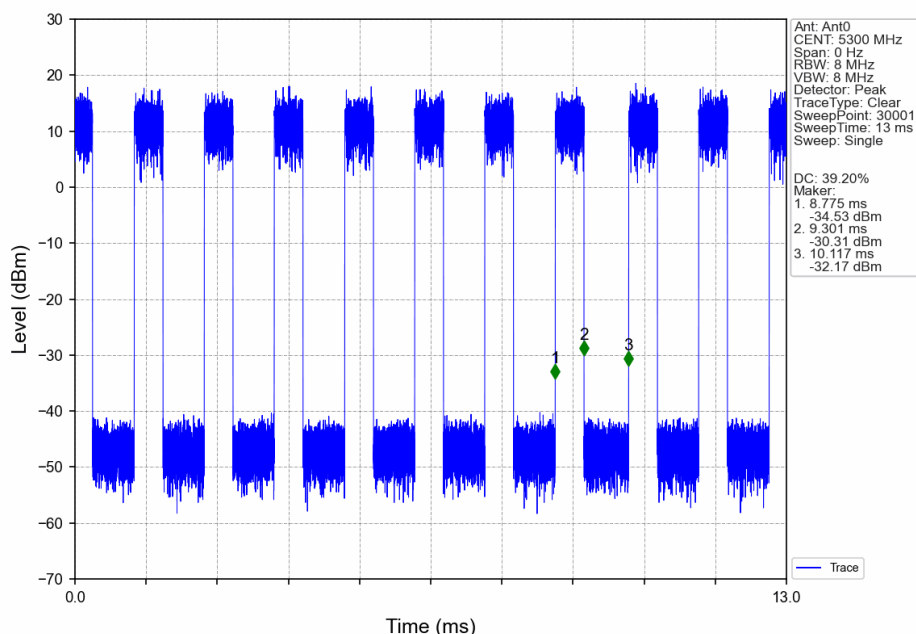
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### 802.11ax(HEW20)\_LCH\_5260MHz\_RU242\_Left\_Ant0\_NTNV



### 802.11ax(HEW20)\_MCH\_5300MHz\_RU242\_Left\_Ant0\_NTNV

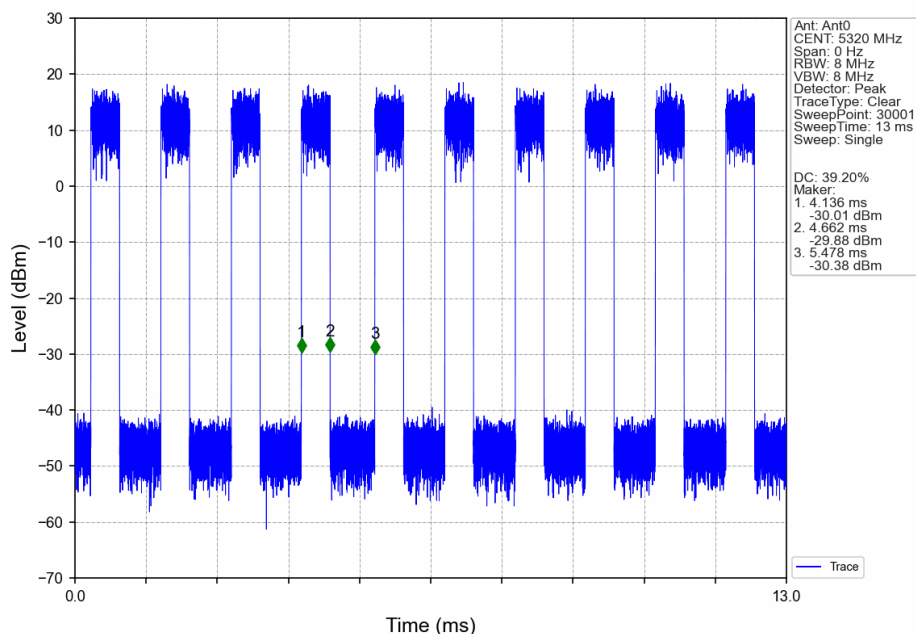


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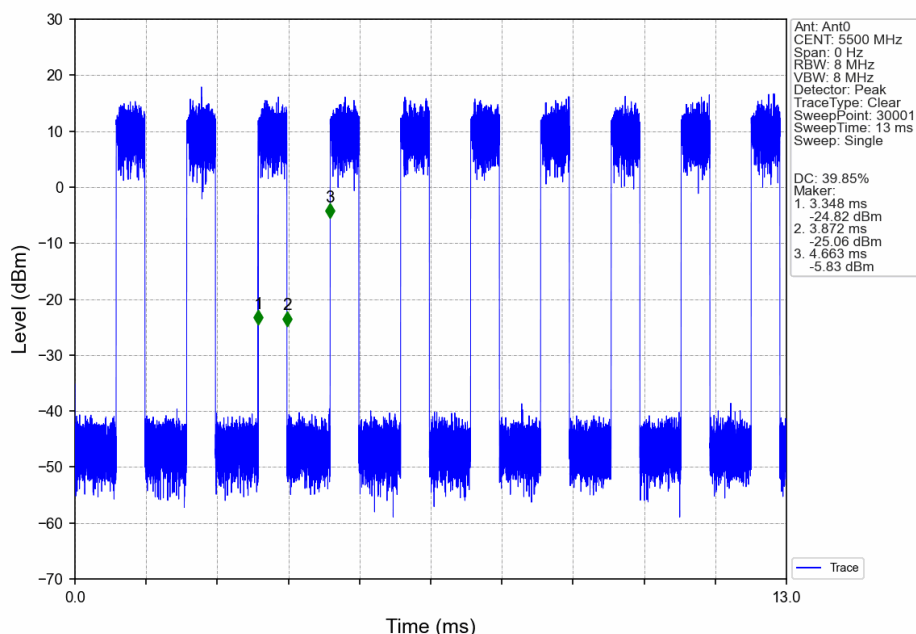
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### 802.11ax(HEW20)\_HCH\_5320MHz\_RU242\_Left\_Ant0\_NTNV



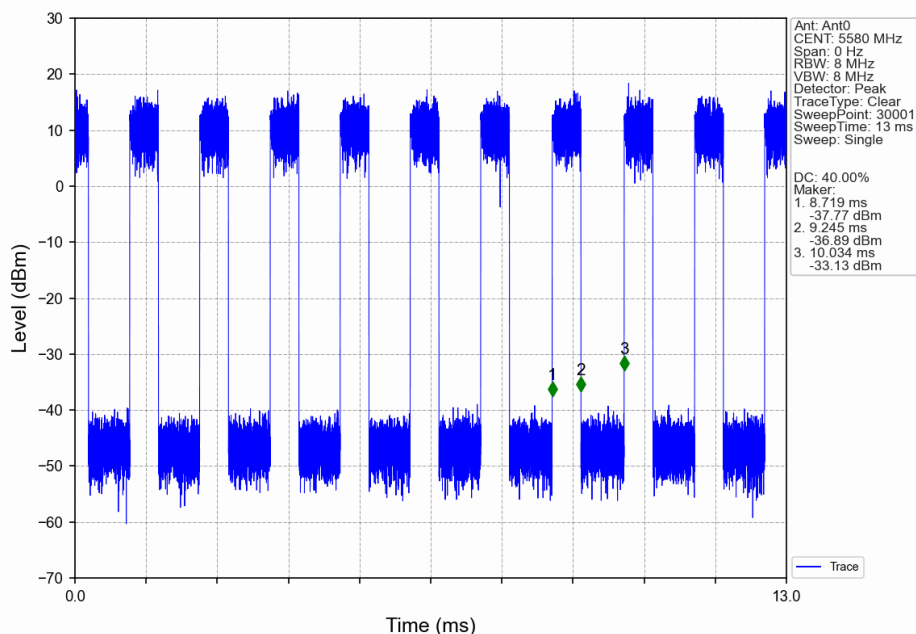
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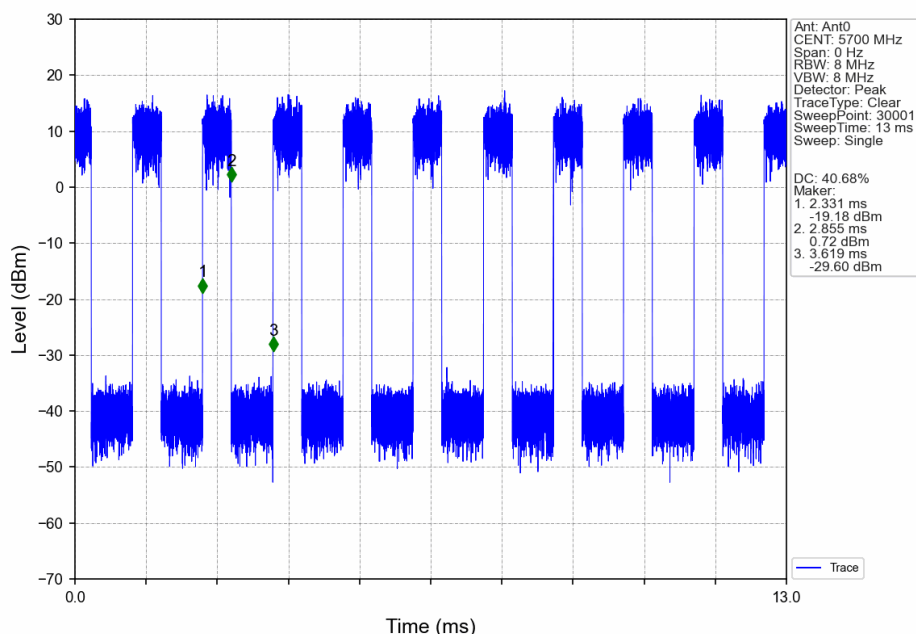
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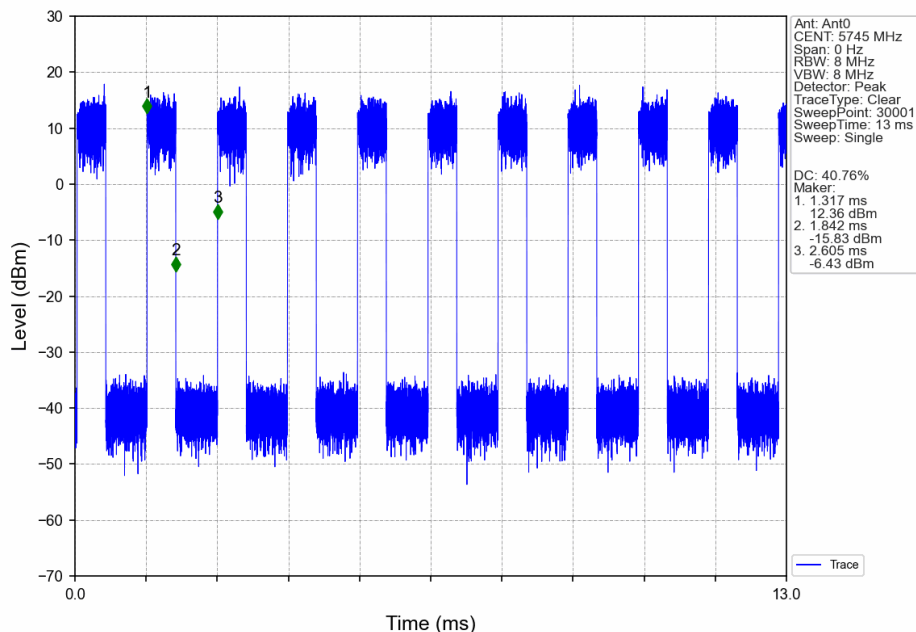
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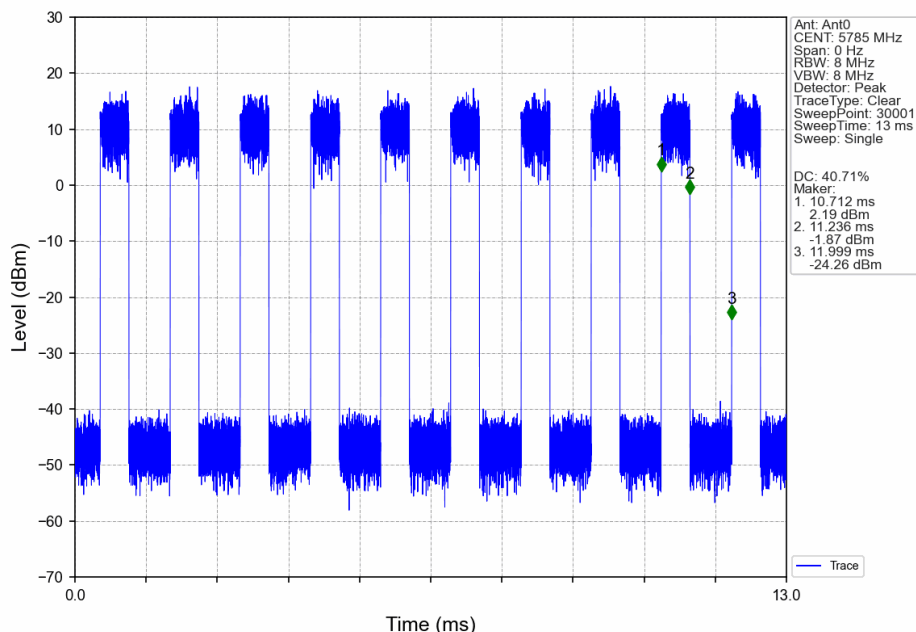
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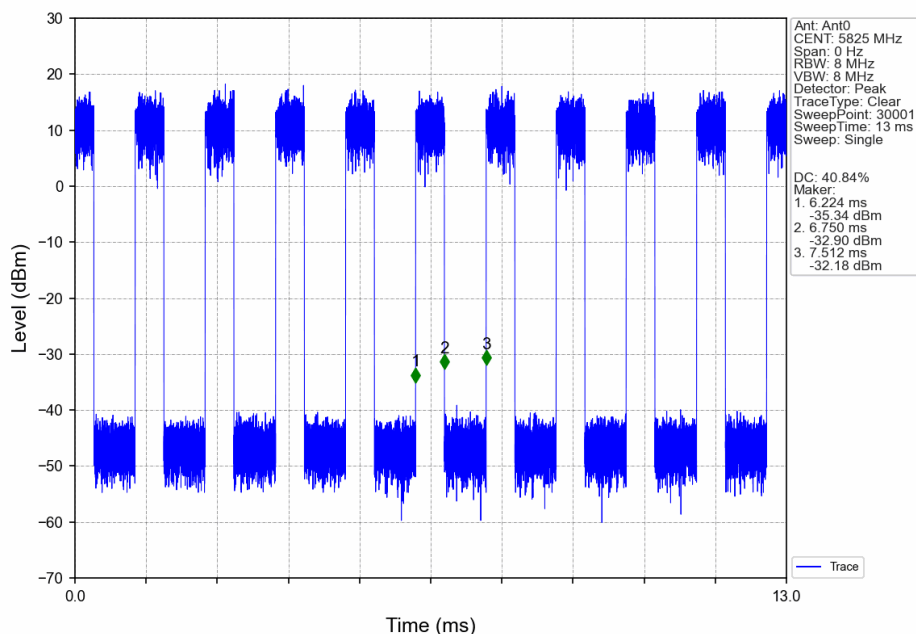
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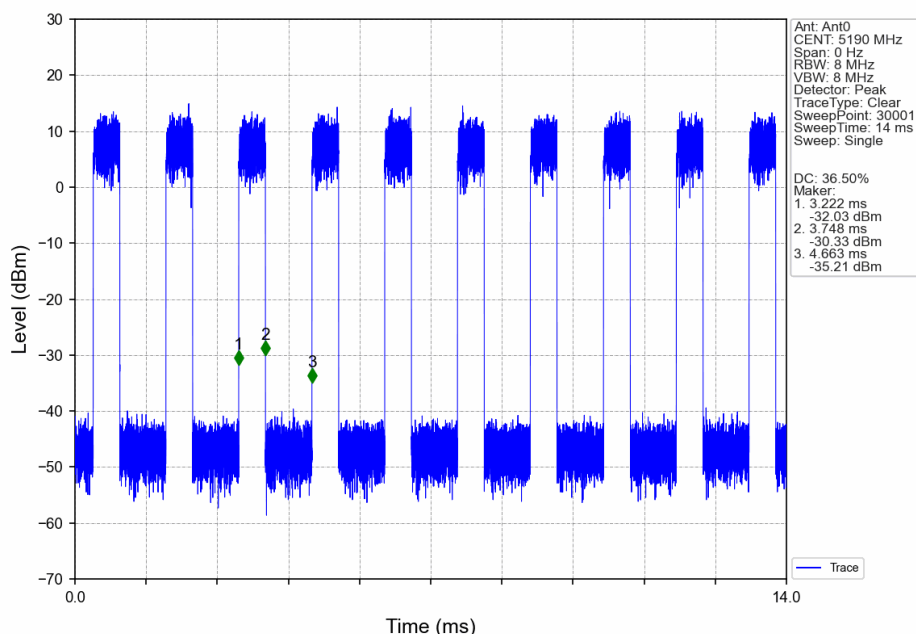
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### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant0\_NTNV



### 802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant0\_NTNV



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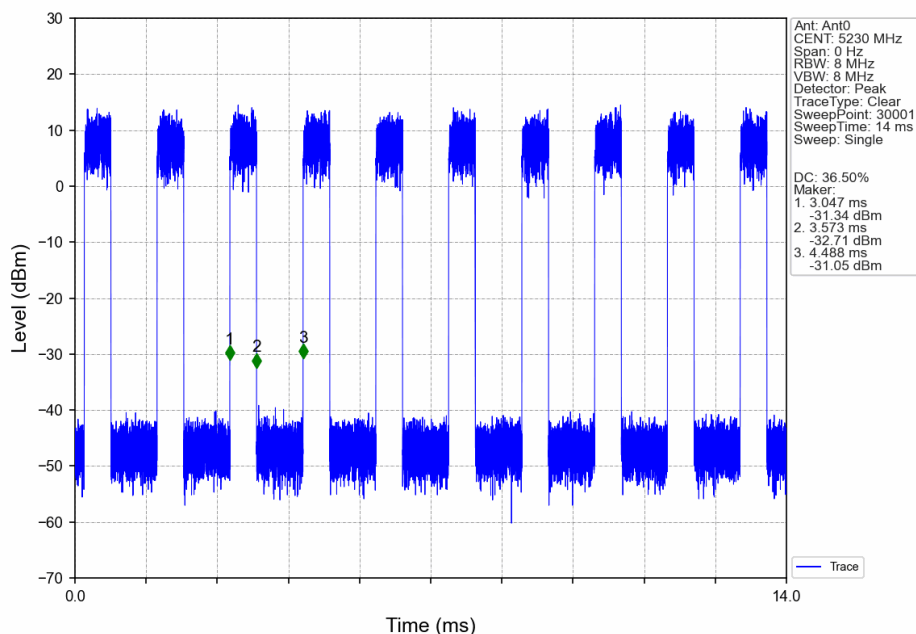
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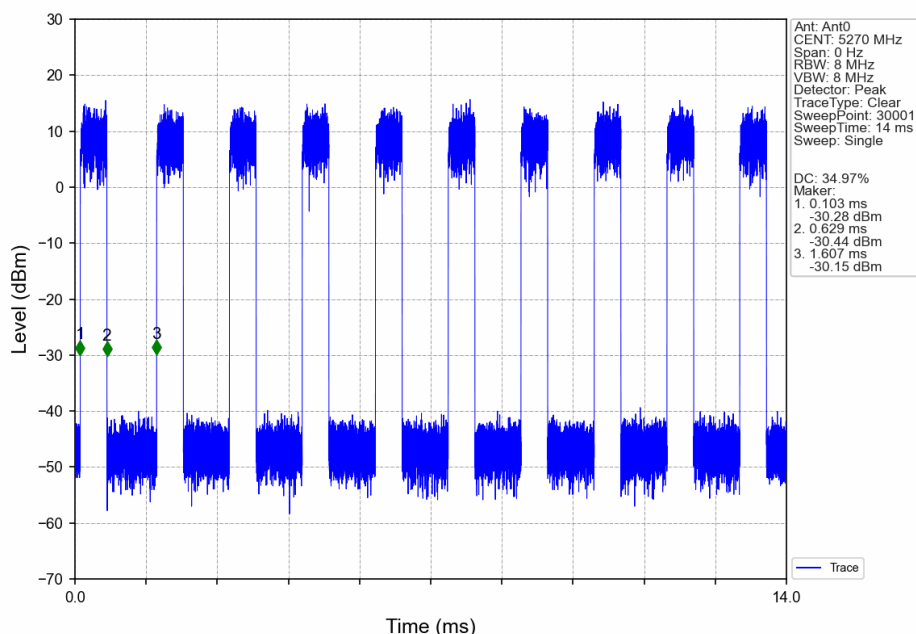
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### 802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant0\_NTNV



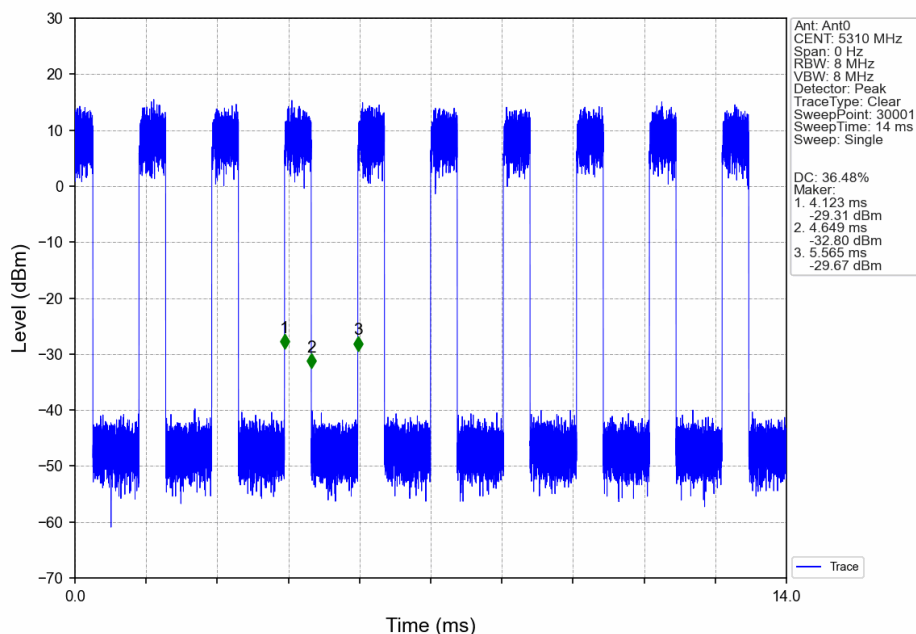
### 802.11ax(HEW40)\_LCH\_5270MHz\_RU484\_Left\_Ant0\_NTNV



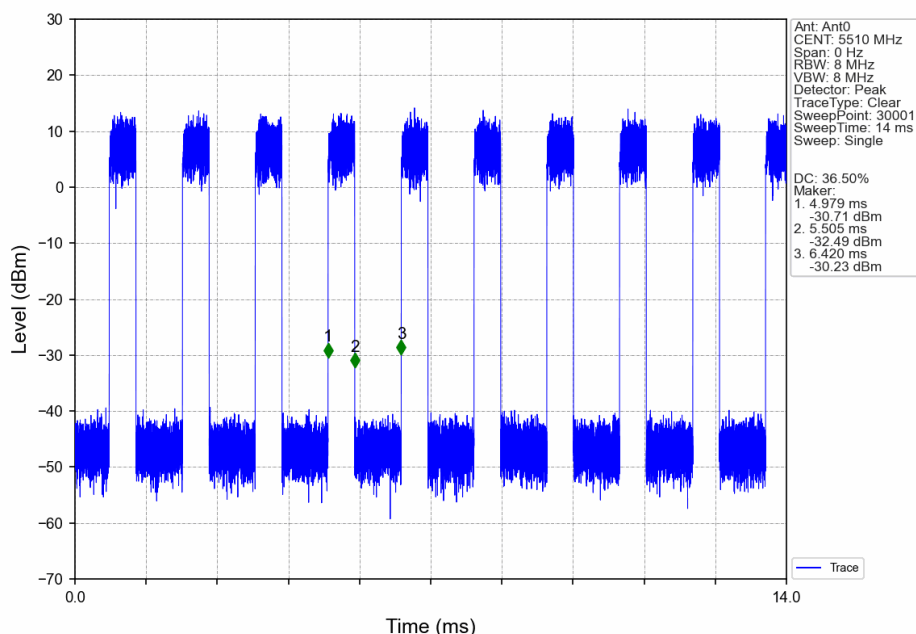
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802.11ax(HEW40)\_HCH\_5310MHz\_RU484\_Left\_Ant0\_NTNV



802.11ax(HEW40)\_LCH\_5510MHz\_RU484\_Left\_Ant0\_NTNV



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