

TEST REPORT

Application No.: SUCR2601000069MO
FCC ID: XMR2025FCM363X
Applicant: Quectel Wireless Solutions Co., Ltd.
Address of Applicant: No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China
Manufacturer: Quectel Wireless Solutions Co., Ltd.
Address of Manufacturer: No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China
Equipment Under Test (EUT):
EUT Name: Wi-Fi & Bluetooth Module
Model No.: FCM363X-L
Trade Mark: QUECTEL
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2026-01-26
Date of Test: 2026-02-03 to 2026-02-03
Date of Issue: 2026-02-04

Test Result:
Pass*

* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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Revision Record			
Version	Description	Date	Remark
00	Original	2026-02-04	/

Authorized for issue by:			
Tested By		Nature Shen	
		Nature Shen/Project Engineer	
Approved By		Cedar cheng	
		Cedar Cheng /Reviewer	

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	Pass

Item	Standard	Method	Requirement	Result
Duty Cycle	47 CFR Part 15, Subpart E 15.407	KDB 789033 II B 1	KDB 789033 D02 II B 1	Pass (Note1)
99% Bandwidth		KDB 789033 II D	N/A	Pass (Note1)
26dB Emission bandwidth		KDB 789033 D02 II C 1	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		KDB 789033 D02 II C 2	47 CFR Part 15, Subpart E 15.407 (e)	Pass (Note1)
Maximum Conducted output power		KDB 789033 D02 II E	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		KDB 789033 D02 II F	47 CFR Part 15, Subpart E 15.407 (a)	Pass (Note1)
Radiated Emissions (Below 1GHz)		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Frequency Stability		ANSI C63.10 (2013) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass (Note1)
Non-occupancy period		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass (Note1)
Channel Availability Check Time		KDB 905462 D02 Section 7.8.2	KDB 905462 D02 Section 5.1	Pass (Note1)
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass (Note1)
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass (Note1)
U-NII Detection Bandwidth		KDB 905462 D02 Section 7.8.1	KDB 905462 D02 Section 5.1	Pass (Note1)

Note1:

This test report (Report No.: SUCR260100006904 issue on 2026/2/4) is based on the original test report (Report No.: PD20250047-R3C & PD20250047-R3D issue on 2025/7/21).

Review this report and original report, this report just changing the parts according to the declaration letter from client.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report only EIRP, radiated spurious emissions and 26dB Emission bandwidth is performed based on the worst case of the original report with report number PD20250047-R3C & PD20250047-R3D issue on 2025/7/21, other test data in this report are based on the previous report with report number PD20250047-R3C & PD20250047-R3D issue on 2025/7/21.

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4 General Information

4.1 Details of E.U.T.

Power supply:	3.3V	
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)	
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)	
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz	
DFS Function:	Slave without Radar detection	
TPC Function:	Without TPC function	
Antenna Type:	PCB Antenna	
Antenna Gain:	3.1dBi (Provided by the manufacturer)	
Antenna Number:	1	
Hardware Version	R1.1	R1.2
Software Version	FCM363XLAAR02A02M08	
Remark:The client claims FCM363X-L(R1.0), FCM363X-L(R1.1), and FCM363X-L(R1.2) all use the NXP chip RW610UK/A2IZ, and they share the same chip baseline and PCB. The main differences are: FCM363X-L(R1.0) supports 8M flash and does not support PSRAM; FCM363X-L(R1.1) supports 8M flash and 8M PSRAM; FCM363X-L(R1.2) supports 16M flash and 8M PSRAM.		

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	25	3.3
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

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
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The EUT has been tested as an independent unit.			

4.4 Measurement Uncertainty & Decision Rule

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25 \times 10^{-8}$
2	Duty cycle	$\pm 0.37\%$
3	Occupied Bandwidth	$\pm 3\%$
4	Conduction emission	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
5	RF conducted power	$\pm 0.75\text{dB}$
6	RF power density	$\pm 2.84\text{dB}$
7	Conducted Spurious emissions	$\pm 0.75\text{dB}$
8	RF Radiated power	$\pm 1.56\text{dB}$ (9KHz-30MHz)
		$\pm 4.80\text{dB}$ (30MHz-1GHz)
		$\pm 4.80\text{dB}$ (1GHz-18GHz)
		$\pm 4.80\text{dB}$ (18GHz-40GHz)
9	Temperature test	$\pm 1^{\circ}\text{C}$
10	Humidity test	$\pm 3\%$
11	Supply voltages	$\pm 1\%$
12	Time	$\pm 3\%$
Remark: The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.		

4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu)
Pilot Free Trade Zone

No tests were sub-contracted.

Note:

- 1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
- 2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).
3. Sample source: sent by customer.

4.6 Test Facility

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

- **A2LA (Certificate No. 6336.01)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.is accredited by the American Association for Laboratory Accreditation (A2LA).

- **FCC (Designation Number: CN1312)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory. Test Firm Registration Number:717327

- **ISED (CAB Identifier: CN0120)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 27594

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
RF Conducted Test						
1	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
2	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-15	11/21/2025	11/20/2026
3	MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	1/14/2026	1/13/2027
4	Signal Generator	ROHDE&SCHWARZ	SMW200A	SUWI-01-07-08	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-08-01	1/14/2026	1/13/2027
6	MXG Vector Signal Generator	ROHDE&SCHWARZ	SMR20	SUWI-01-33-01	11/21/2025	11/20/2026
7	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-13	5/8/2025	5/7/2026
8	Wideband Radio Communication Test Station	Anritsu	MT8000A	SUWI-01-34-02	11/21/2025	11/20/2026
9	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/21/2025	11/20/2026
10	Power meter	Anritsu	ML2495A	SUWI-01-31-01	11/21/2025	11/20/2026
11	Pulse power sensor	Anritsu	MA2411B	SUWI-01-32-01	11/21/2025	11/20/2026
12	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/14/2026	1/13/2027
13	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2/13/2025	2/12/2026
14	Temperature Chamber	GIANT FORCE	ICT-017-40-SP-SD	SUWI-01-13-02	5/7/2025	5/6/2026
15	Measurement Software	TST	TST 272 V2.02	SUWI-03-55-03	NCR	NCR
16	RF Control unit	TST	TSCB3023R2	SUWI-02-20-01	NCR	NCR
17	RFCables	Tonscend	NA	SUWI-01-03-01	NCR	NCR
RF Radiated Test						
1	Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	6/3/2023	6/2/2026
2	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
3	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-09	11/21/2025	11/20/2026
4	Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/14/2026	1/13/2027
6	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	9/10/2025	9/9/2027
7	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027

8	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027
9	Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/14/2026	1/13/2027
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/14/2026	1/13/2027
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/14/2026	1/13/2027
13	Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-26-01	11/21/2025	11/20/2026
14	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	8/25/2025	8/24/2026
15	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	8/26/2025	8/25/2026
16	Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-02	11/21/2025	11/20/2026
17	Signal Generator	ROHDE&SCHWARZ	SMB100A	SUWI-01-08-01	1/14/2026	1/13/2027
18	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/14/2026	1/13/2027
19	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/13/2025	2/12/2026
20	Measurement Software	Tonscend	JS32-RE 4.0.0.0	SUWI-02-09-06	NCR	NCR
21	RF Control unit	Tonscend	JS0806-1	SUWI-02-20-01	NCR	NCR
22	RFCables	Tonscend	NA	SUWI-01-03-02	NCR	NCR

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The module is equipped with an integrated PCB antenna, which is permanently fixed on the product and cannot be removed or replaced by the user. This design meets the requirements of FCC §15.203.

The best case gain of the antenna is 3.1dBi.

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

6.2.2 Conclusion Standard Requirement: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met. EUT Details: WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

7 Radio Spectrum Matter Test Results

7.1 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.4,6.5

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

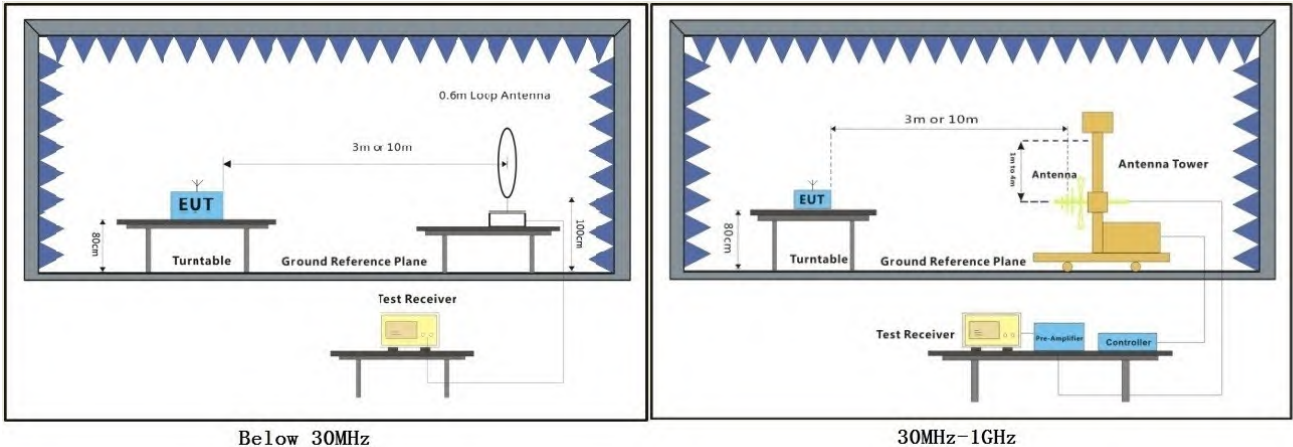
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	08	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	11	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

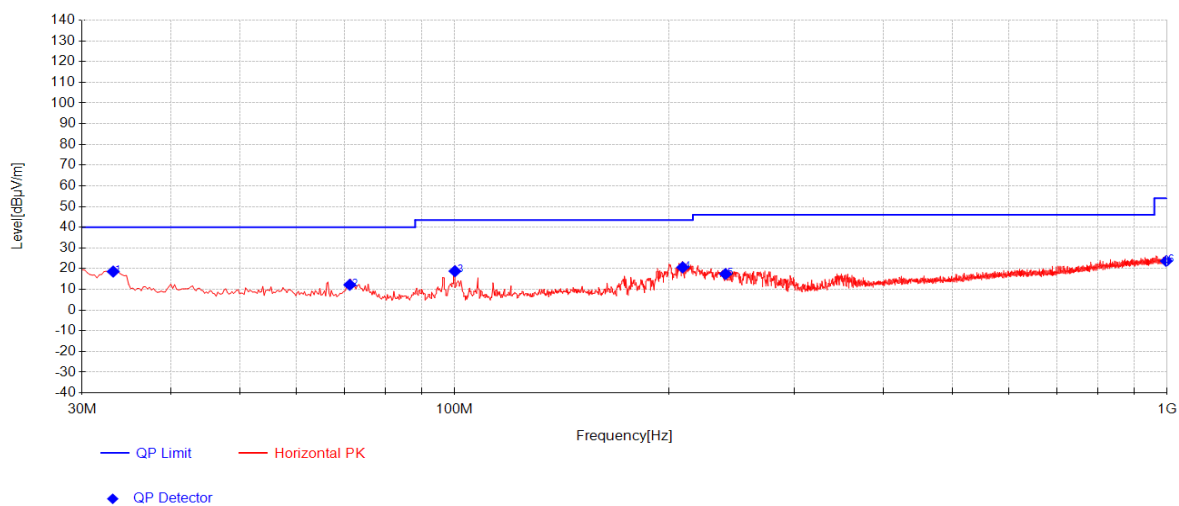
- For below 1GHz, the EUT was placed on the top of a rotating table 0.8m above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.
- The antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1m) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- Repeat above procedures until all frequencies measured was complete.

Remark:

- Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only below points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

Hardware Version: 1.1

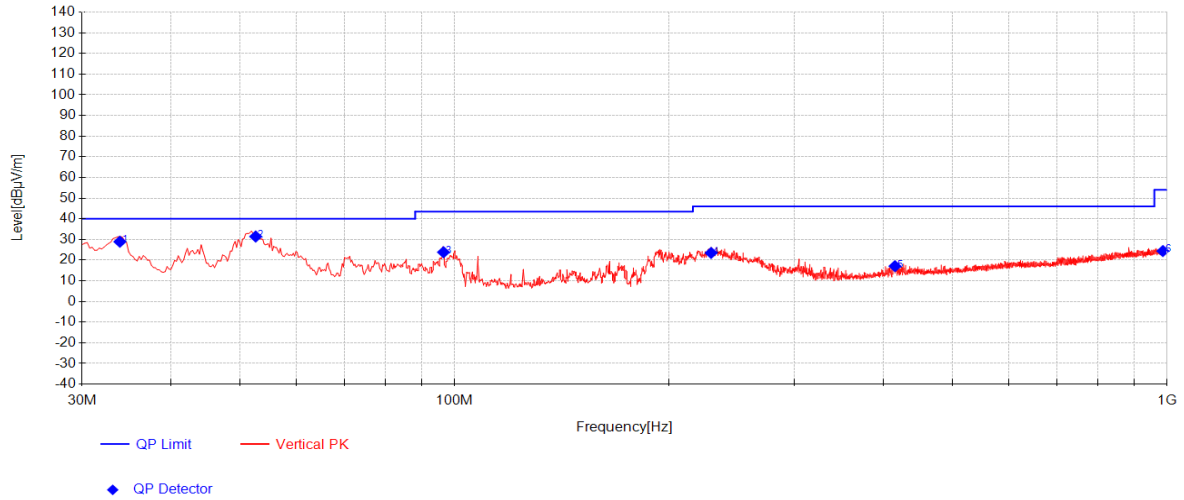
Test Mode: 09; Polarity: Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.1525	39.89	12.69	-33.98	18.60	40.00	21.40	145	108	Horizontal
2	71.225	35.51	10.09	-33.41	12.19	40.00	27.81	181	285	Horizontal
3	100.0825	42.7	9.21	-33.12	18.79	43.50	24.71	103	245	Horizontal
4	208.965	42.73	10.07	-32.18	20.62	43.50	22.88	156	245	Horizontal
5	240.005	37.56	11.90	-32.03	17.42	46.00	28.58	148	235	Horizontal
6	998.06	27	24.48	-27.82	23.66	54.00	30.34	126	67	Horizontal

Test Mode: 09; Polarity: Vertical

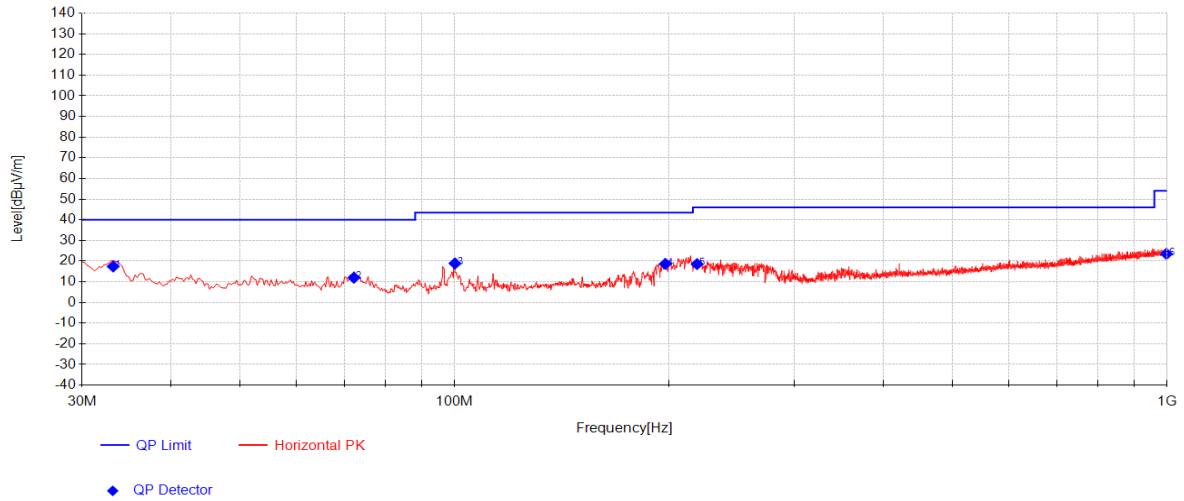


Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.88	50.14	12.73	-33.96	28.91	40.00	11.09	162	359	Vertical
2	52.5525	51.88	13.19	-33.66	31.42	40.00	8.58	139	178	Vertical
3	96.445	47.92	9.09	-33.17	23.84	43.50	19.66	158	271	Vertical
4	229.0925	44.5	11.08	-32.10	23.48	46.00	22.52	155	64	Vertical
5	415.09	32	16.04	-30.96	17.08	46.00	28.92	142	137	Vertical
6	986.905	27.93	24.40	-27.93	24.40	54.00	29.60	106	126	Vertical

Hardware Version: 1.2

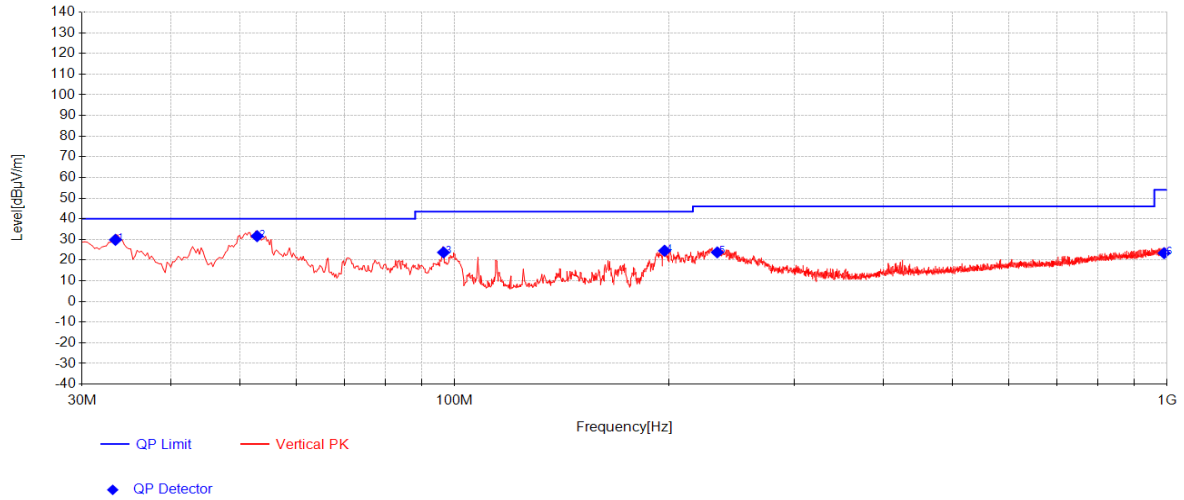
Test Mode: 09; Polarity: Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.1525	38.72	12.69	-33.98	17.43	40.00	22.57	153	118	Horizontal
2	72.195	35.39	10.00	-33.40	11.99	40.00	28.01	166	212	Horizontal
3	100.0825	42.81	9.21	-33.12	18.90	43.50	24.60	134	264	Horizontal
4	197.5675	41.03	9.91	-32.27	18.67	43.50	24.83	192	244	Horizontal
5	218.9075	40.35	10.37	-32.14	18.58	46.00	27.42	169	264	Horizontal
6	998.545	26.8	24.49	-27.82	23.47	54.00	30.53	142	1	Horizontal

Test Mode: 09; Polarity: Vertical



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.395	51.08	12.70	-33.97	29.81	40.00	10.19	107	106	Vertical
2	52.795	52.09	13.16	-33.65	31.60	40.00	8.40	153	84	Vertical
3	96.445	47.81	9.09	-33.17	23.73	43.50	19.77	169	211	Vertical
4	197.0825	46.89	9.93	-32.27	24.55	43.50	18.95	188	253	Vertical
5	233.7	44.41	11.43	-32.08	23.76	46.00	22.24	125	41	Vertical
6	991.0275	26.83	24.43	-27.90	23.36	54.00	30.64	143	84	Vertical

7.2 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.6 & 12.7

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 (4) For transmitters operating in the 5.725-5.85 GHz band:
 (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
 Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

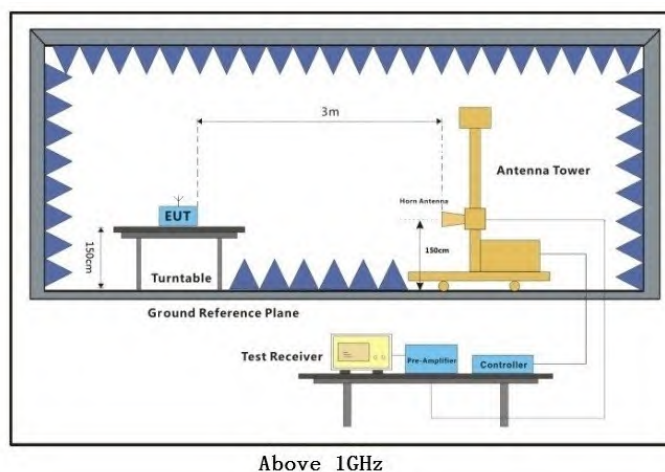
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	08	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	11	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

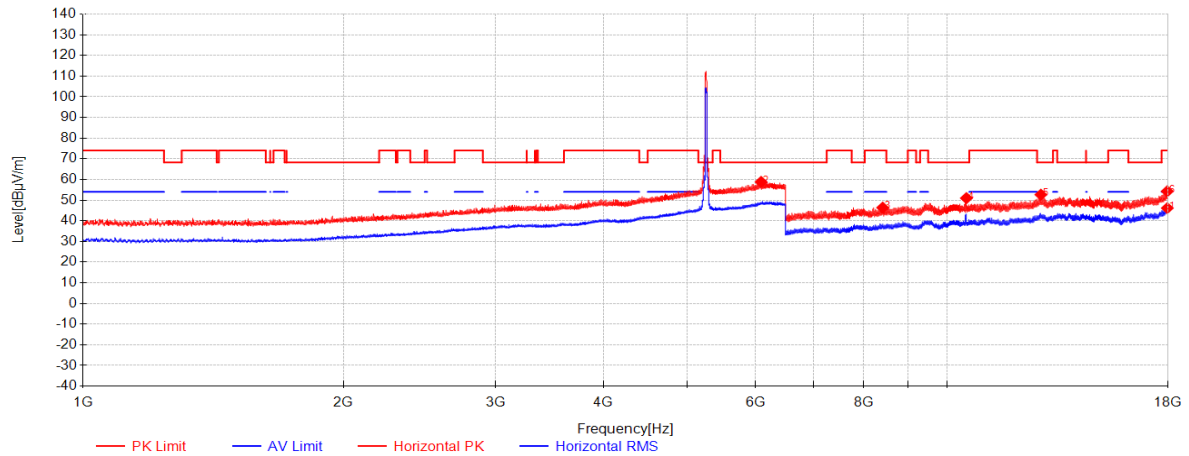
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle<98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

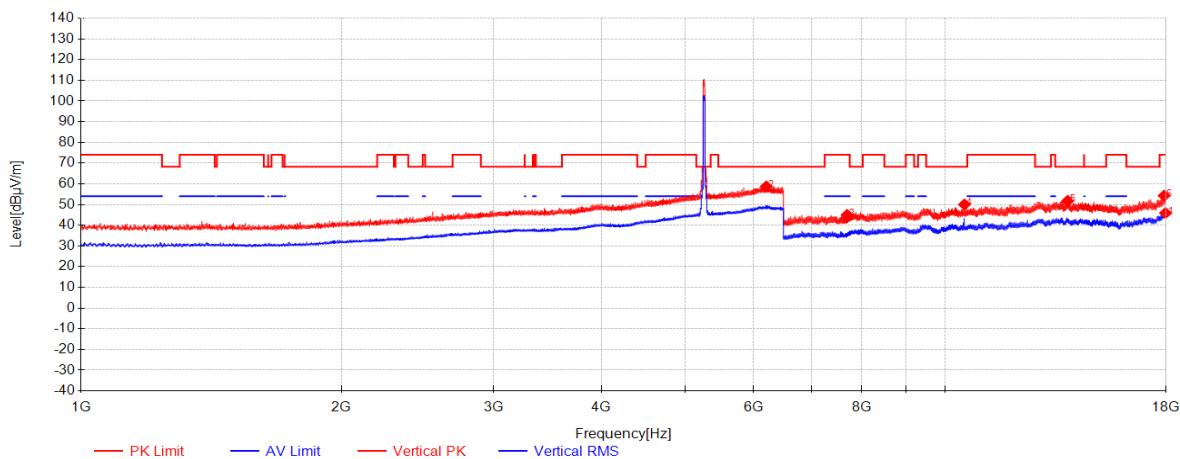
Hardware Version: 1.1

11ax(HE20)_TX_CH_52_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17969.3333	35.52	41.61	-30.99	46.14	54.00	7.86	Horizontal
2	6087.5	40.88	34.67	-16.74	58.82	68.20	9.38	Horizontal
3	8417.05	49.44	37.59	-40.70	46.34	74.00	27.66	Horizontal
4	10520.7833	48.71	38.72	-36.48	50.96	68.20	17.24	Horizontal
5	12829.9833	47.63	39.70	-34.68	52.64	68.20	15.56	Horizontal
6	17968.95	43.65	41.61	-30.99	54.27	74.00	19.73	Horizontal

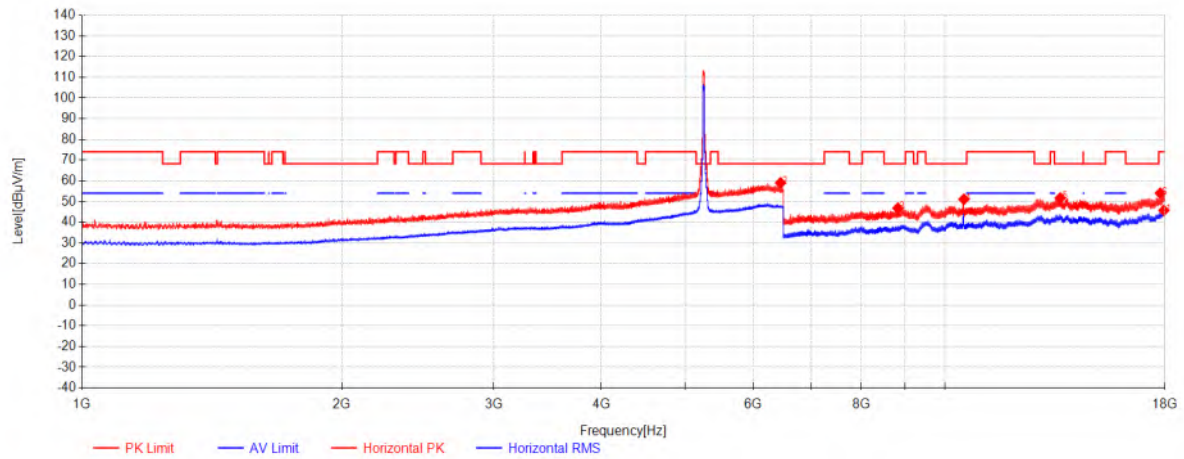
11ax(HE20)_TX_CH_52_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17978.9167	35.25	41.64	-30.97	45.92	54.00	8.08	Vertical
2	6204.375	40.62	34.91	-16.82	58.71	68.20	9.49	Vertical
3	7695.6167	50.03	36.69	-41.71	45.01	74.00	28.99	Vertical
4	10520.0167	47.77	38.72	-36.48	50.02	68.20	18.18	Vertical
5	13850.8	45.90	40.33	-34.46	51.76	68.20	16.44	Vertical
6	17911.0667	43.96	41.44	-31.11	54.29	74.00	19.71	Vertical

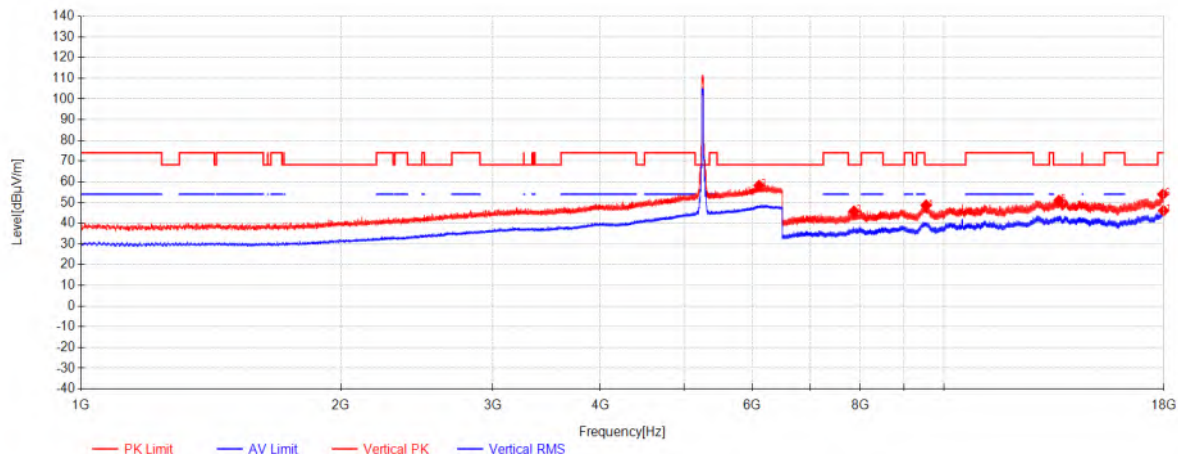
Hardware Version: 1.2

11ax(HE20)_TX_CH_52_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17942.5	35.24	41.53	-31.04	45.73	54.00	8.27	Horizontal
2	6450.0417	40.23	35.40	-16.67	58.97	68.20	9.23	Horizontal
3	8822.2333	48.68	37.88	-39.74	46.81	68.20	21.39	Horizontal
4	10521.1667	48.82	38.73	-36.48	51.06	68.20	17.14	Horizontal
5	13607	45.63	40.20	-34.13	51.70	68.20	16.50	Horizontal
6	17768.4667	44.66	41.03	-31.66	54.02	74.00	19.98	Horizontal

11ax(HE20)_TX_CH_52_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17972.4	35.46	41.62	-30.99	46.09	54.00	7.91	Vertical
2	6108.125	40.13	34.72	-16.69	58.16	68.20	10.04	Vertical
3	7866.9667	50.03	37.03	-41.34	45.72	68.20	22.48	Vertical
4	9535.6167	48.98	38.05	-38.39	48.64	68.20	19.56	Vertical
5	13596.65	44.83	40.20	-34.08	50.95	68.20	17.25	Vertical
6	17942.5	43.45	41.53	-31.04	53.94	74.00	20.06	Vertical

7.3 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.10.5 & 12.7.2

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 (4) For transmitters operating in the 5.725-5.85 GHz band:
 (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
 Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

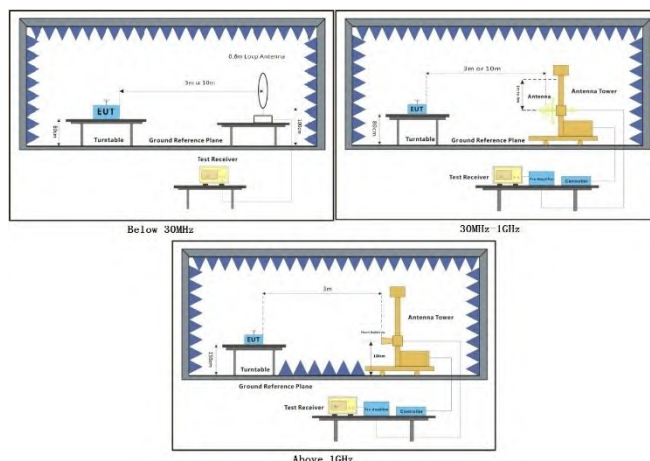
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	08	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	11	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

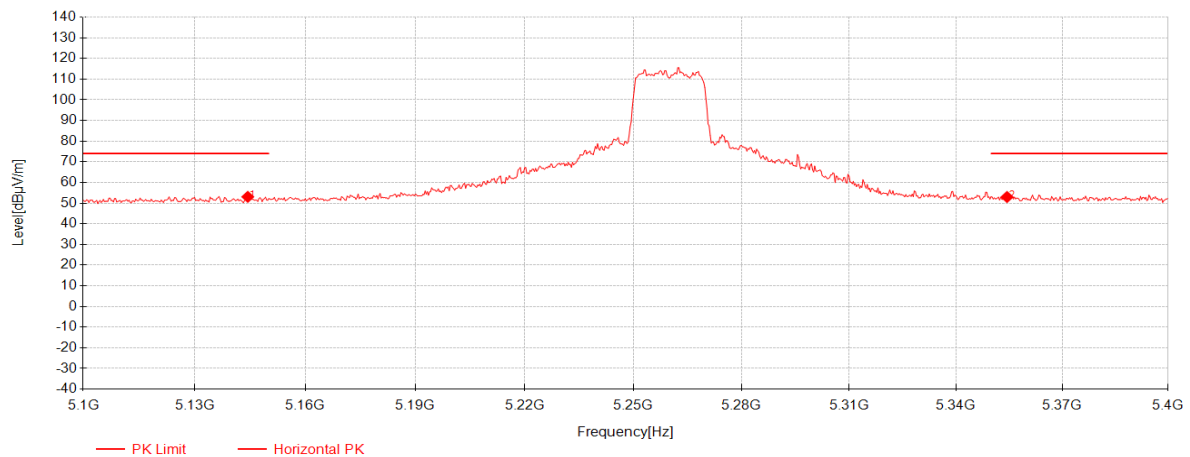
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

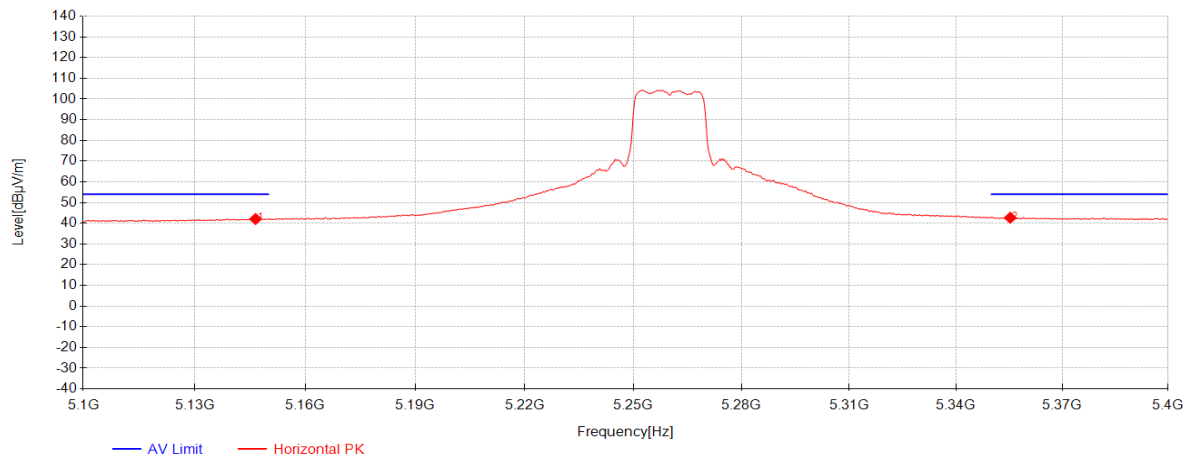
Hardware Version: 1.1

11ax(HE20)_TX_CH_36_Horizontal_Peak



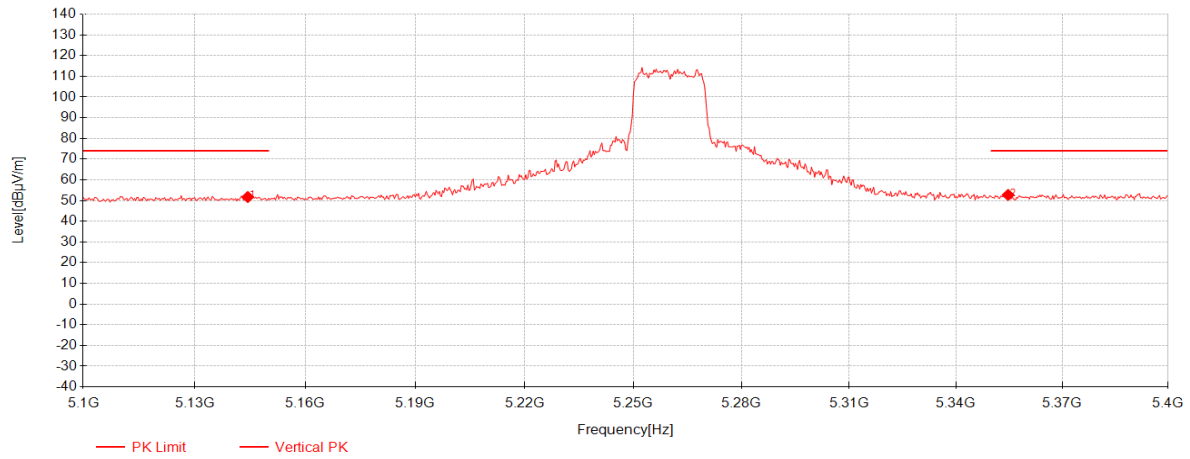
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.4	38.18	33.07	-18.20	53.05	74.00	20.95	Horizontal
2	5354.4	37.71	33.03	-17.76	52.98	74.00	21.02	Horizontal

11ax(HE20)_TX_CH_36_Horizontal_Average



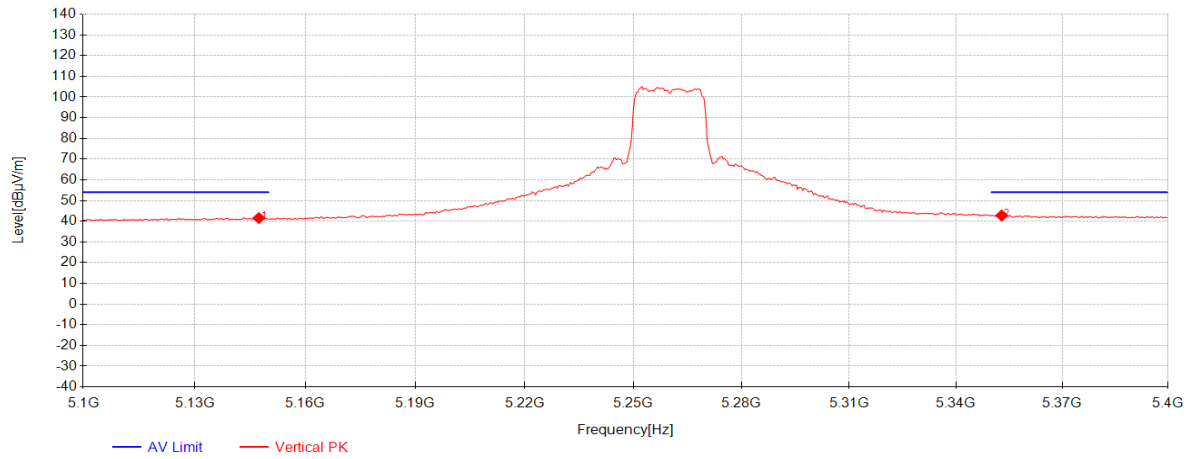
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.5	27.17	33.07	-18.19	42.05	54.00	11.95	Horizontal
2	5355.3	27.37	33.03	-17.76	42.64	54.00	11.36	Horizontal

11ax(HE20)_TX_CH_36_Veritical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.4	36.84	33.07	-18.20	51.71	74.00	22.29	Vertical
2	5354.7	37.44	33.03	-17.76	52.71	74.00	21.29	Vertical

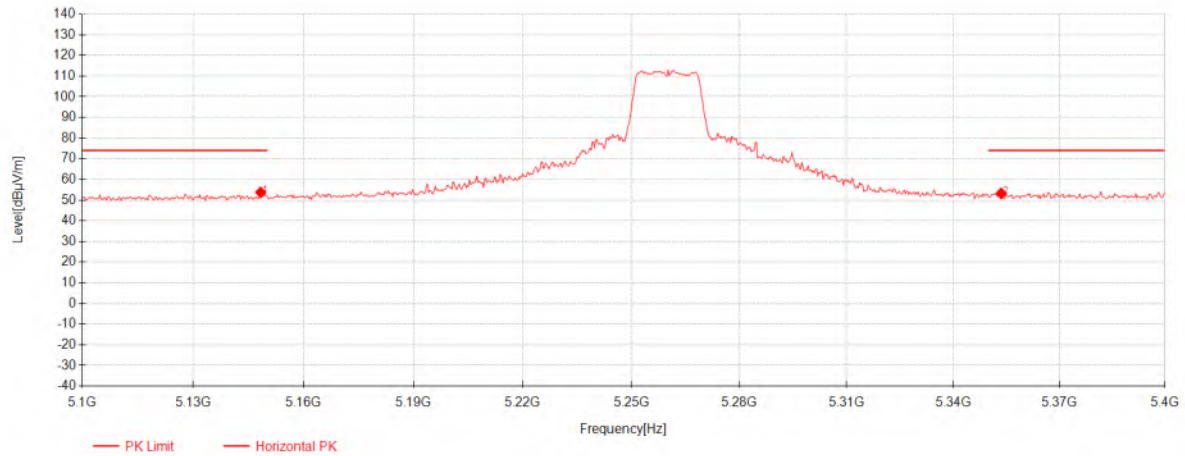
11ax(HE20)_TX_CH_36_Veritical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.4	26.66	33.07	-18.19	41.54	54.00	12.46	Vertical
2	5352.9	27.52	33.03	-17.75	42.80	54.00	11.20	Vertical

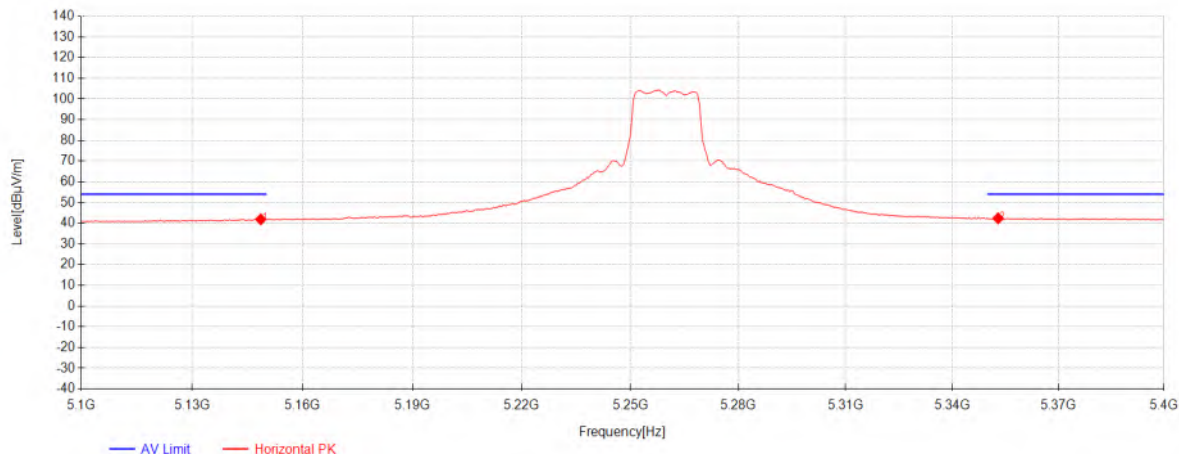
Hardware Version: 1.2

11ax(HE20)_TX_CH_52_Horizontal_Peak



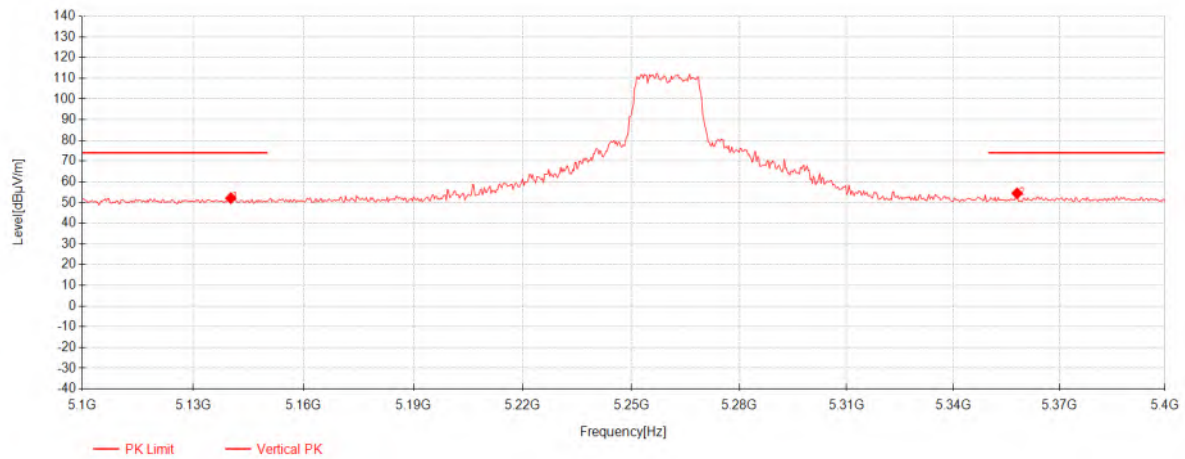
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.3	38.89	33.07	-18.19	53.78	74.00	20.22	Horizontal
2	5353.5	37.99	33.03	-17.75	53.26	74.00	20.74	Horizontal

11ax(HE20)_TX_CH_52_Horizontal_Average



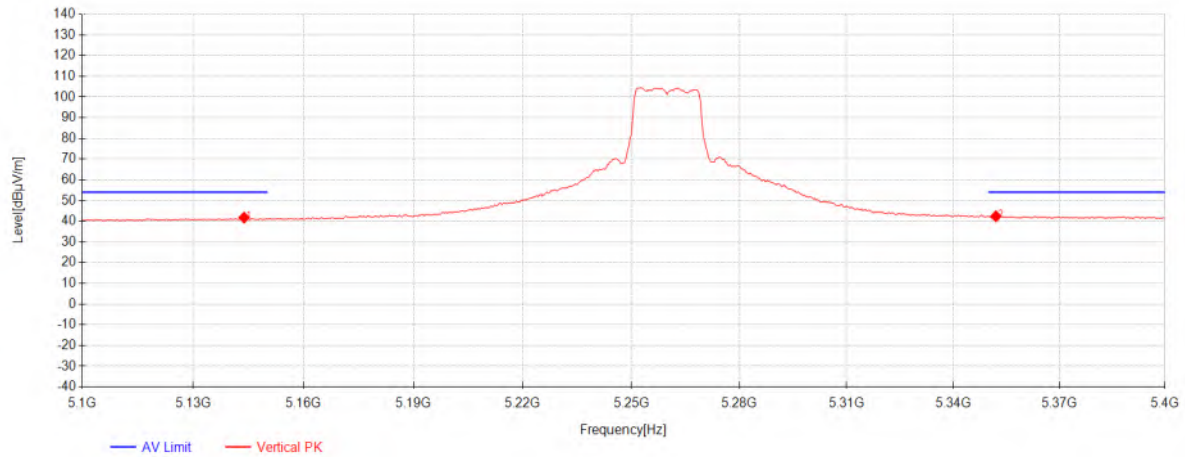
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.6	27.00	33.07	-18.18	41.89	54.00	12.11	Horizontal
2	5352.9	27.08	33.03	-17.75	42.36	54.00	11.64	Horizontal

11ax(HE20)_TX_CH_52_Veritical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.2	37.26	33.07	-18.21	52.12	74.00	21.88	Vertical
2	5358	39.16	33.03	-17.76	54.43	74.00	19.57	Vertical

11ax(HE20)_TX_CH_52_Veritical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.8	26.89	33.07	-18.20	41.76	54.00	12.24	Vertical
2	5352	27.10	33.03	-17.75	42.38	54.00	11.62	Vertical

7.4 Maximum Conducted Output Power

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

Test Method: ANSI C63.10 (2020) Section 12.4

Limit:

Frequency band(MHz)	Limit
5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
	$\leq 250\text{mW}(24\text{dBm})$ for client device
5250-5350	$\leq 250\text{mW}(24\text{dBm})$ or $11\text{dBm}+10\log B^*$
5470-5725	$\leq 250\text{mW}(24\text{dBm})$ or $11\text{dBm}+10\log B^*$
5725-5850	$\leq 1\text{W}(30\text{dBm})$
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 20.3 °C

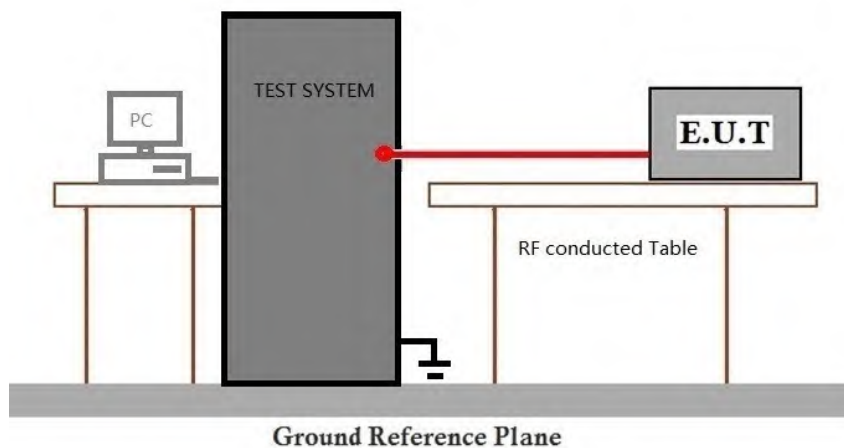
Humidity: 56.0 % RH

Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level + Cable loss + DCCF

Please Refer to Appendix for Details

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SUCR2601000069MO

9 EUT Constructional Details (EUT Photos)

Refer to Appendix_Photographs of EUT Constructional Details for SUCR2601000069MO

10 Appendix

Hardware Version: 1.1

1. Bandwidth

1.1 Test Result

1.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	17.190	/	Pass
		5200	/	/	1	17.283	/	Pass
		5240	/	/	1	17.200	/	Pass
		5260	/	/	1	17.252	/	Pass
		5300	/	/	1	17.225	/	Pass
		5320	/	/	1	17.234	/	Pass
		5500	/	/	1	17.219	/	Pass
		5580	/	/	1	17.219	/	Pass
		5700	/	/	1	17.159	/	Pass
		5745	/	/	1	17.226	/	Pass
		5785	/	/	1	17.169	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	17.976	/	Pass
		5200	/	/	1	17.966	/	Pass
		5240	/	/	1	17.991	/	Pass
		5260	/	/	1	17.937	/	Pass
		5300	/	/	1	17.949	/	Pass
		5320	/	/	1	17.992	/	Pass
		5500	/	/	1	17.953	/	Pass
		5580	/	/	1	17.949	/	Pass
		5700	/	/	1	17.955	/	Pass
		5745	/	/	1	17.964	/	Pass
		5785	/	/	1	17.974	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	17.945	/	Pass
		5200	/	/	1	17.961	/	Pass
		5240	/	/	1	17.963	/	Pass
		5260	/	/	1	17.939	/	Pass
		5300	/	/	1	17.978	/	Pass
		5320	/	/	1	17.952	/	Pass
		5500	/	/	1	17.973	/	Pass
		5580	/	/	1	17.984	/	Pass
		5700	/	/	1	17.944	/	Pass

802.11ax (HEW20)	SISO	5745	/	/	1	18.014	/	Pass
		5785	/	/	1	17.948	/	Pass
		5825	/	/	1	17.988	/	Pass
		5180	SU	/	1	18.937	/	Pass
		5200	SU	/	1	18.968	/	Pass
		5240	SU	/	1	18.919	/	Pass
		5260	SU	/	1	18.942	/	Pass
		5300	SU	/	1	18.958	/	Pass
		5320	SU	/	1	18.889	/	Pass
		5500	SU	/	1	18.944	/	Pass
		5580	SU	/	1	18.939	/	Pass
		5700	SU	/	1	18.919	/	Pass
		5745	SU	/	1	18.909	/	Pass
		5785	SU	/	1	18.996	/	Pass
		5825	SU	/	1	18.928	/	Pass

1.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	20.486	/	Pass
		5200	/	/	1	20.502	/	Pass
		5240	/	/	1	20.520	/	Pass
		5260	/	/	1	20.586	/	Pass
		5300	/	/	1	20.435	/	Pass
		5320	/	/	1	20.201	/	Pass
		5500	/	/	1	20.480	/	Pass
		5580	/	/	1	20.425	/	Pass
802.11n (HT20)	SISO	5700	/	/	1	20.490	/	Pass
		5180	/	/	1	20.796	/	Pass
		5200	/	/	1	20.723	/	Pass
		5240	/	/	1	20.807	/	Pass
		5260	/	/	1	20.724	/	Pass
		5300	/	/	1	20.560	/	Pass
		5320	/	/	1	20.732	/	Pass
		5500	/	/	1	20.689	/	Pass
802.11ac (VHT20)	SISO	5580	/	/	1	20.583	/	Pass
		5700	/	/	1	20.526	/	Pass
		5180	/	/	1	20.545	/	Pass
		5200	/	/	1	20.597	/	Pass
		5240	/	/	1	20.654	/	Pass
		5260	/	/	1	20.587	/	Pass
		5300	/	/	1	20.634	/	Pass
		5320	/	/	1	20.491	/	Pass
802.11ax	SISO	5500	/	/	1	20.679	/	Pass
		5580	/	/	1	20.593	/	Pass
		5700	/	/	1	20.405	/	Pass
		5180	SU	/	1	20.743	/	Pass

(HEW20)		5200	SU	/	1	20.790	/	Pass
		5240	SU	/	1	20.755	/	Pass
		5260	SU	/	1	20.726	/	Pass
		5300	SU	/	1	20.826	/	Pass
		5320	SU	/	1	20.982	/	Pass
		5500	SU	/	1	20.809	/	Pass
		5580	SU	/	1	20.706	/	Pass
		5700	SU	/	1	20.717	/	Pass

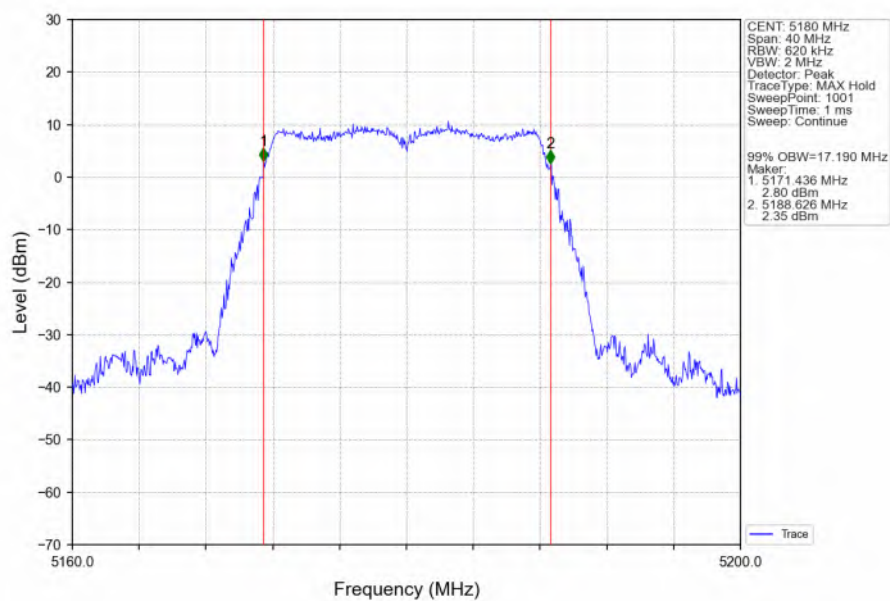
1.1.3 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.399	≥ 0.5	Pass
		5785	/	/	1	16.380	≥ 0.5	Pass
		5825	/	/	1	16.394	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	16.984	≥ 0.5	Pass
		5785	/	/	1	17.308	≥ 0.5	Pass
		5825	/	/	1	17.604	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	16.981	≥ 0.5	Pass
		5785	/	/	1	17.065	≥ 0.5	Pass
		5825	/	/	1	16.845	≥ 0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	18.105	≥ 0.5	Pass
		5785	SU	/	1	17.993	≥ 0.5	Pass
		5825	SU	/	1	18.021	≥ 0.5	Pass

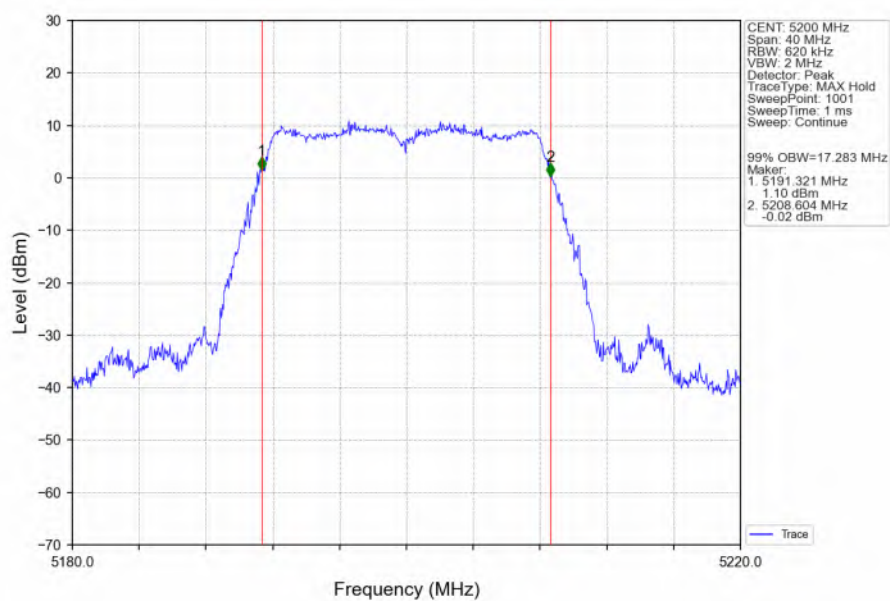
1.2 Test Graph

1.2.1 OBW

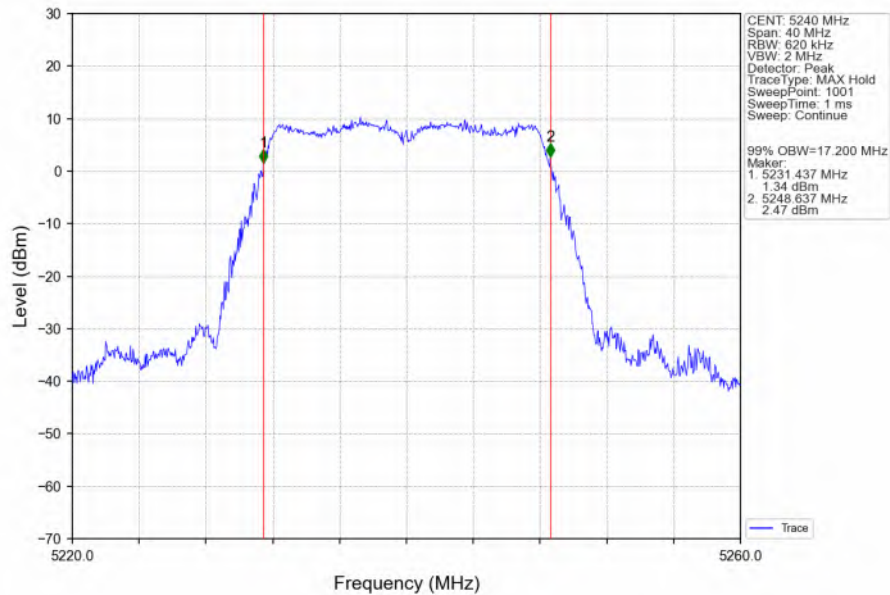
802.11a LCH 5180MHz Ant1 NTN



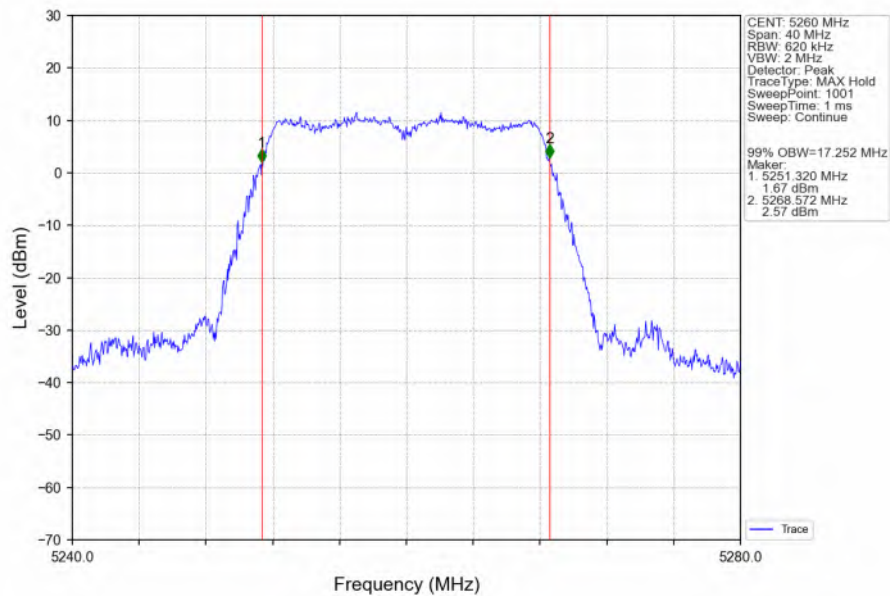
802.11a MCH 5200MHz Ant1 NTN



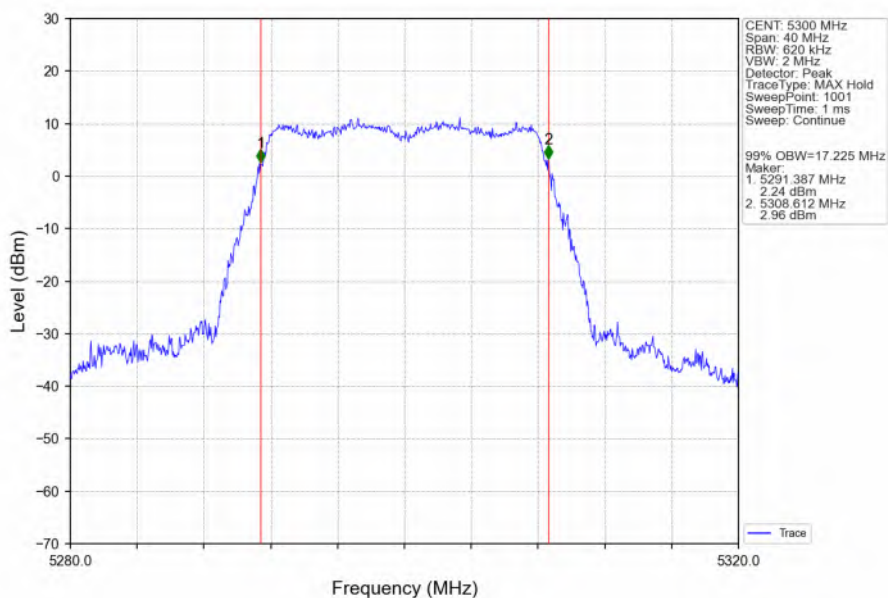
802.11a_HCH_5240MHz_Ant1_NTNV



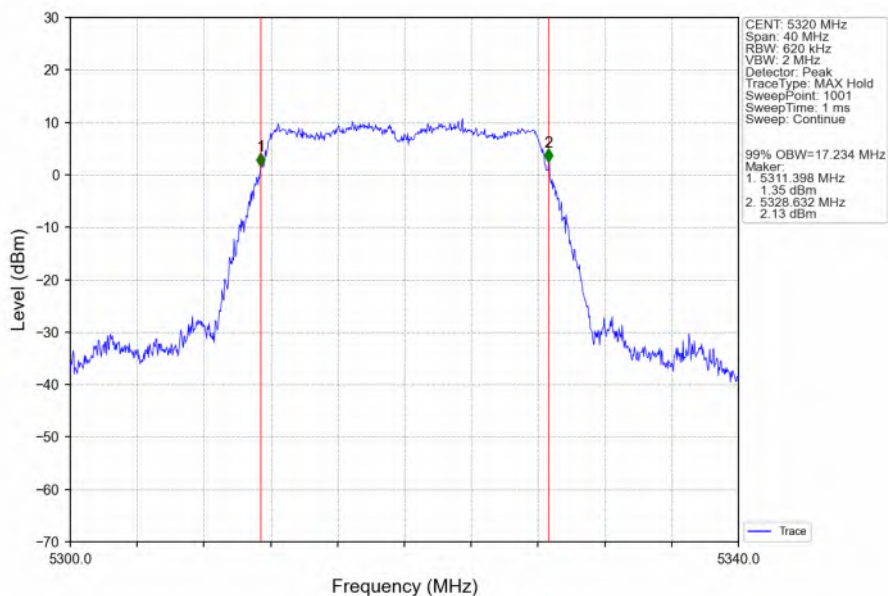
802.11a_LCH_5260MHz_Ant1_NTNV



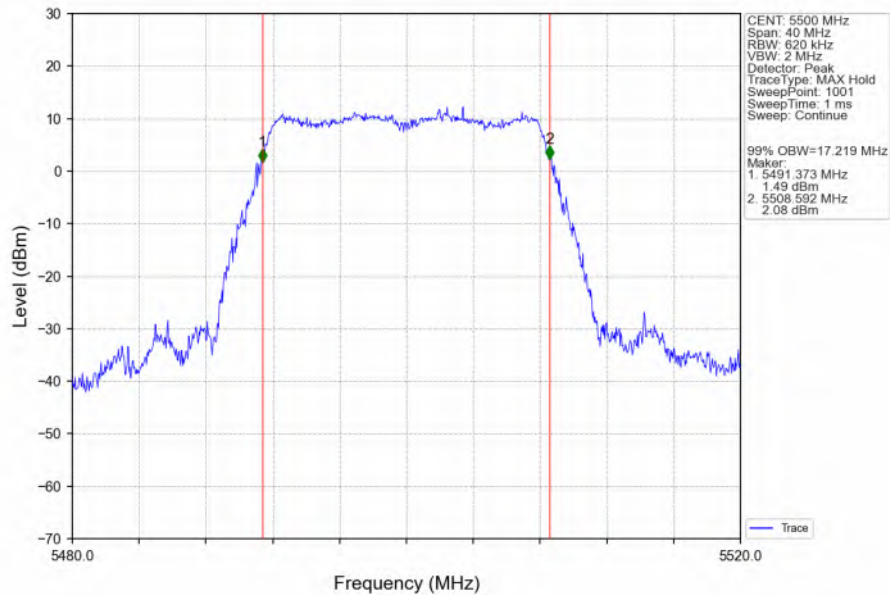
802.11a_MCH_5300MHz_Ant1_NTNV



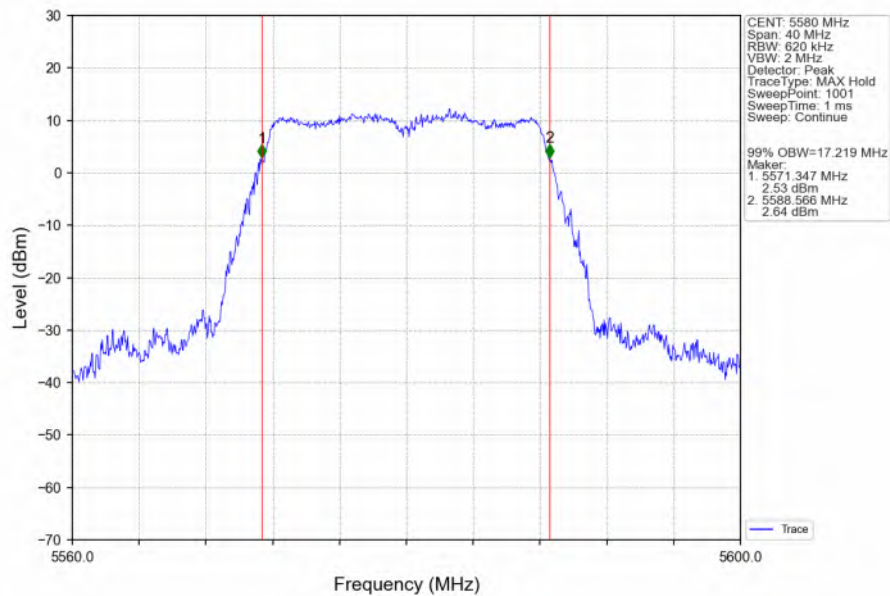
802.11a_HCH_5320MHz_Ant1_NTNV



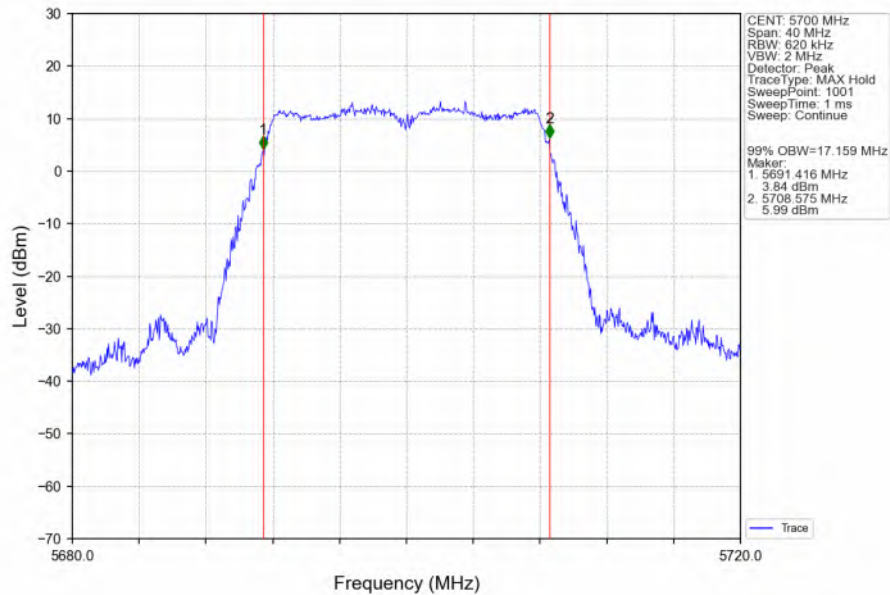
802.11a_LCH_5500MHz_Ant1_NTNV



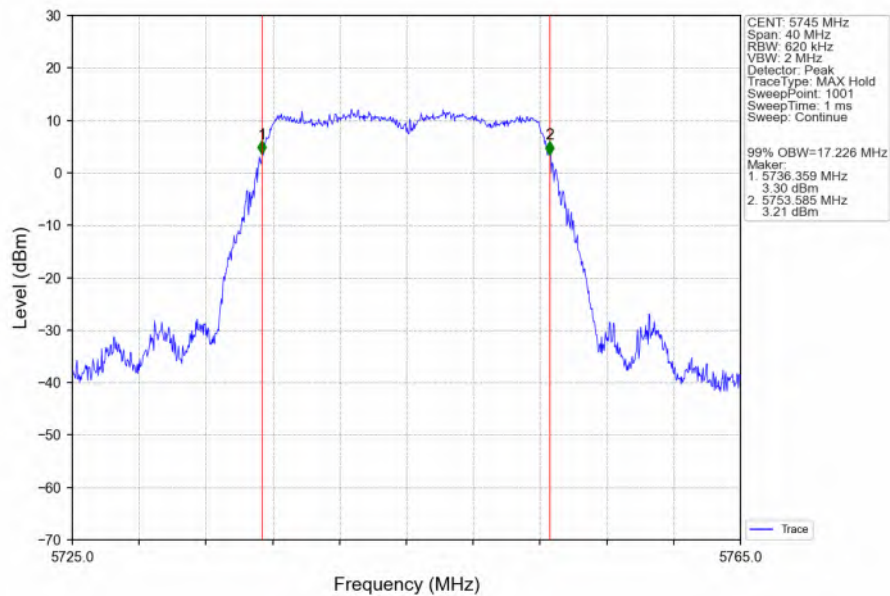
802.11a_MCH_5580MHz_Ant1_NTNV



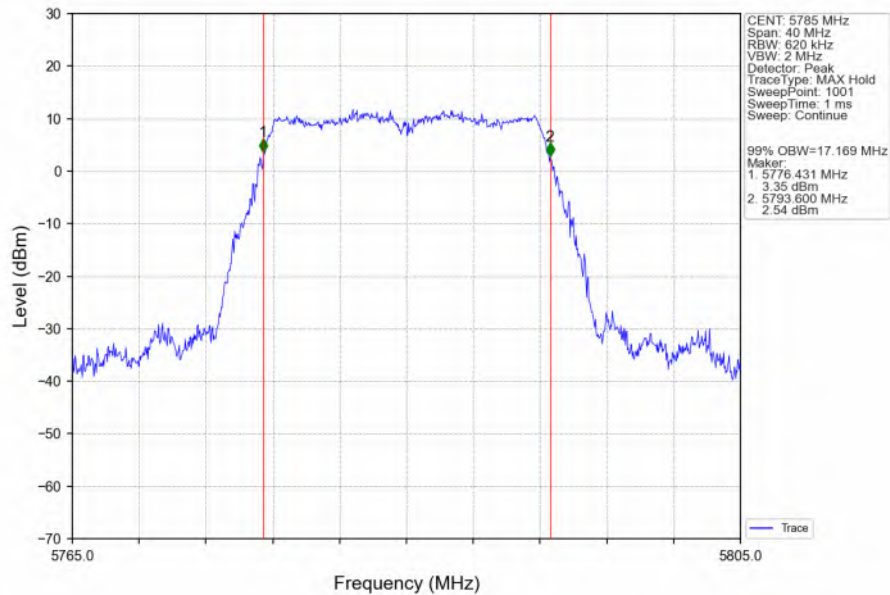
802.11a_HCH_5700MHz_Ant1_NTNV



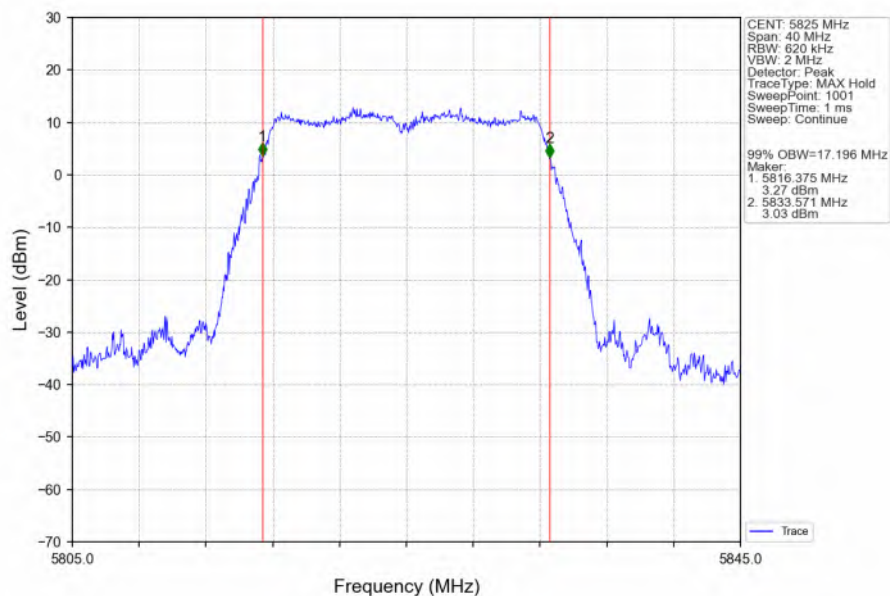
802.11a_LCH_5745MHz_Ant1_NTNV



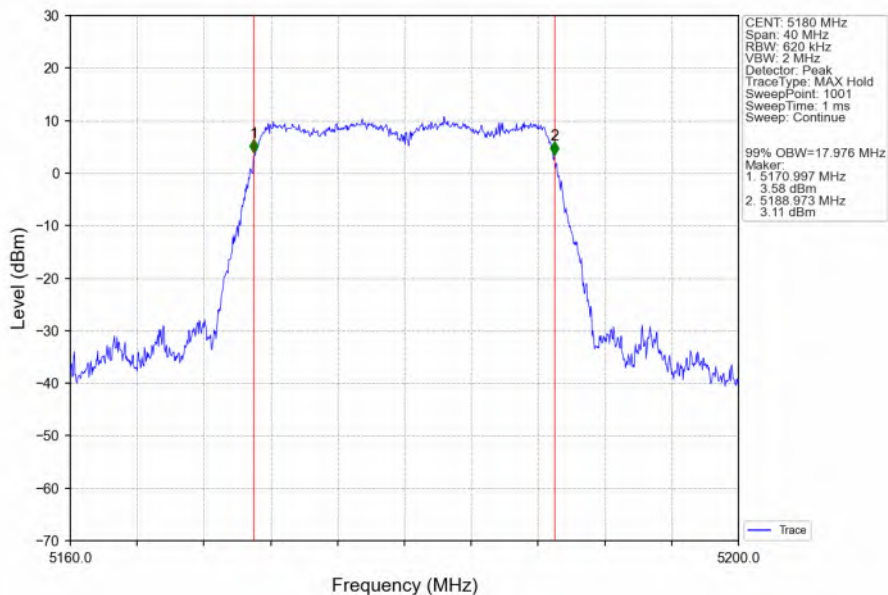
802.11a_MCH_5785MHz_Ant1_NTNV



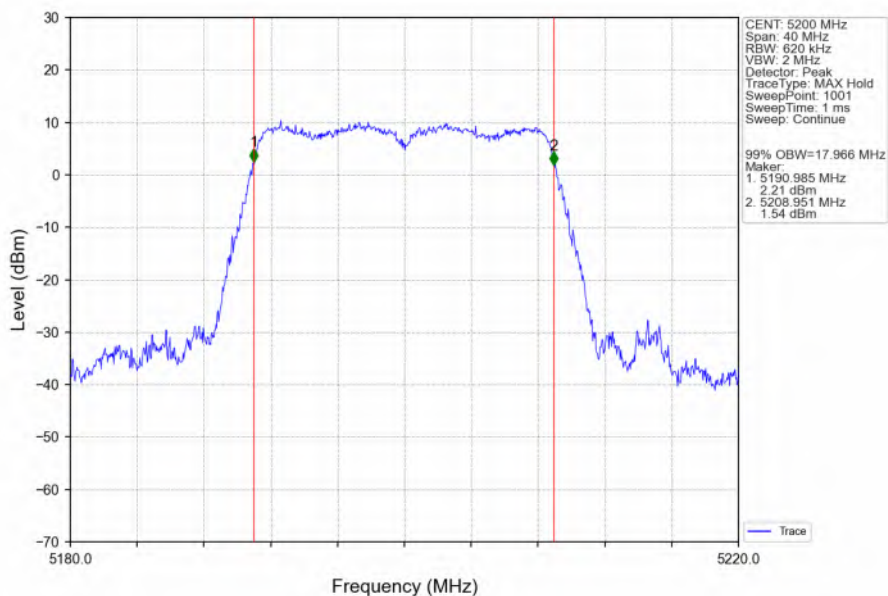
802.11a_HCH_5825MHz_Ant1_NTNV



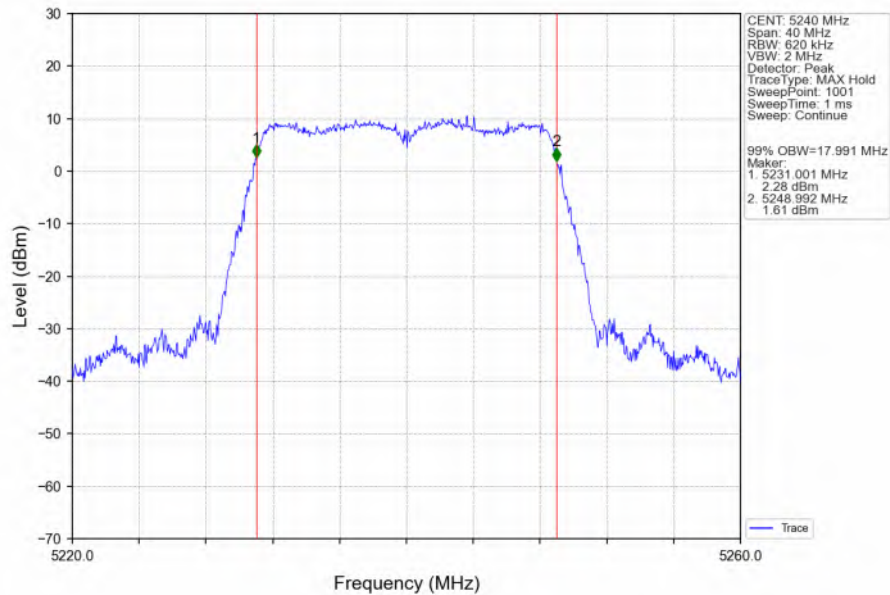
802.11n(HT20) LCH 5180MHz Ant1 NTN



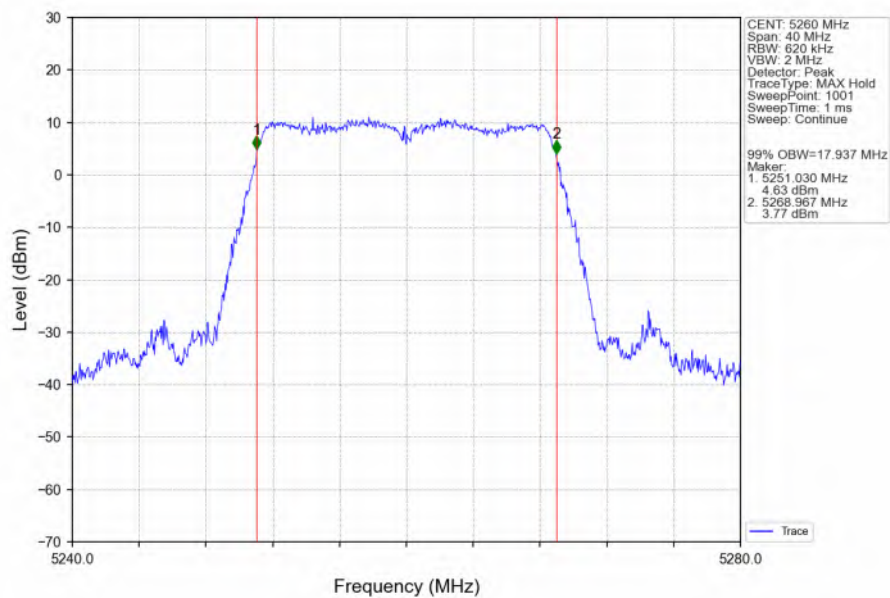
802.11n(HT20) MCH 5200MHz Ant1 NTN



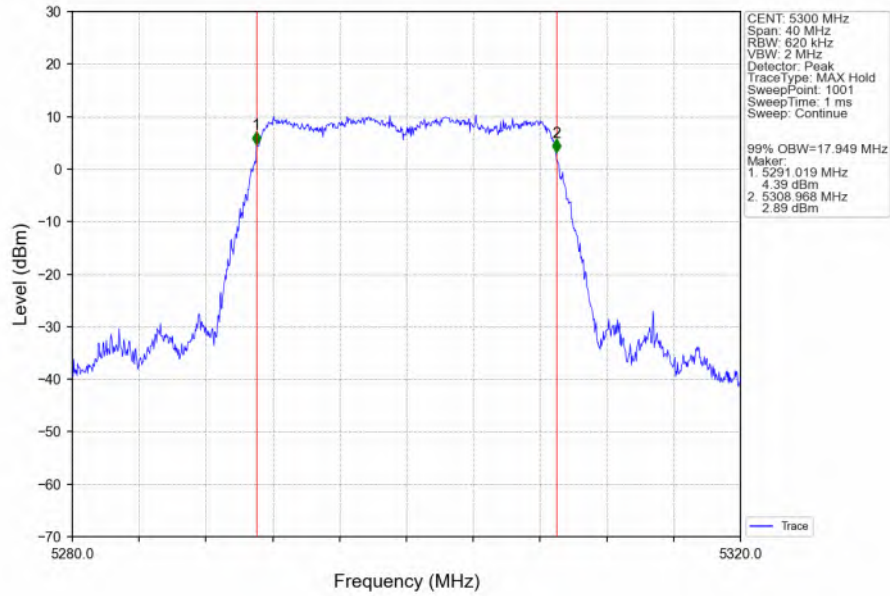
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



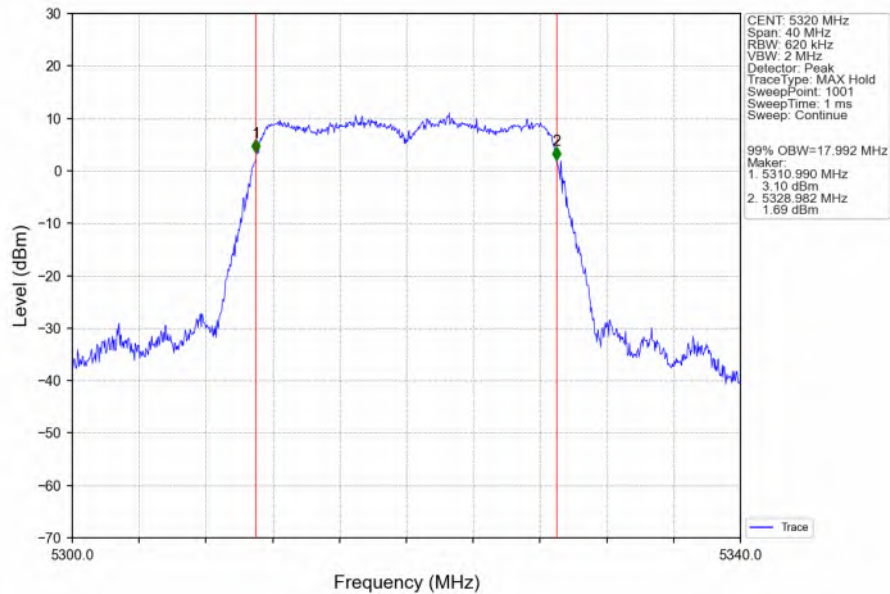
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



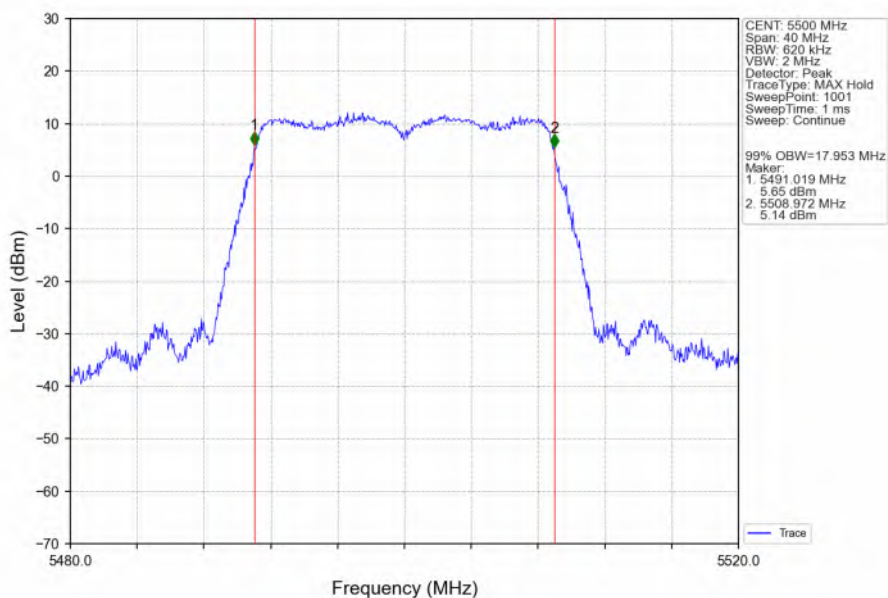
802.11n(HT20) MCH 5300MHz Ant1_NTNV



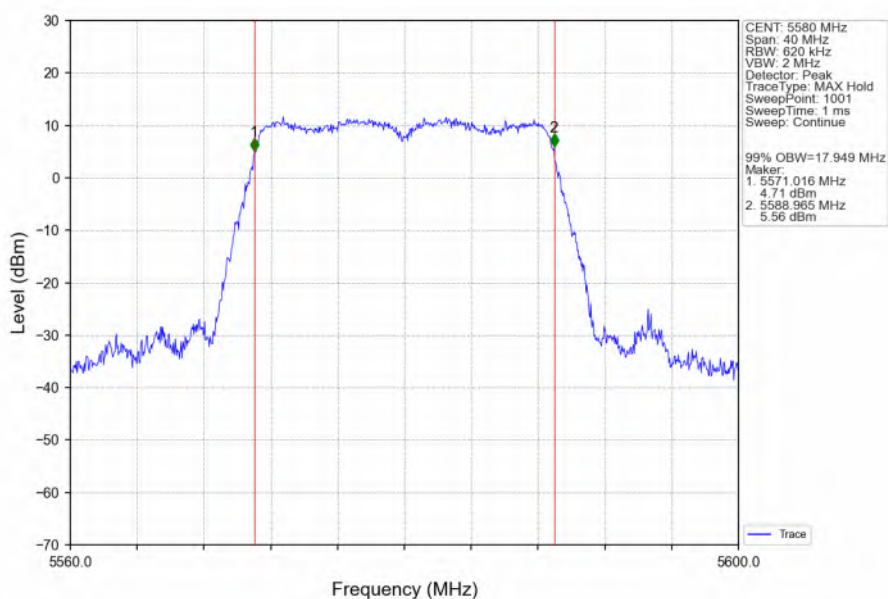
802.11n(HT20) HCH 5320MHz Ant1_NTNV



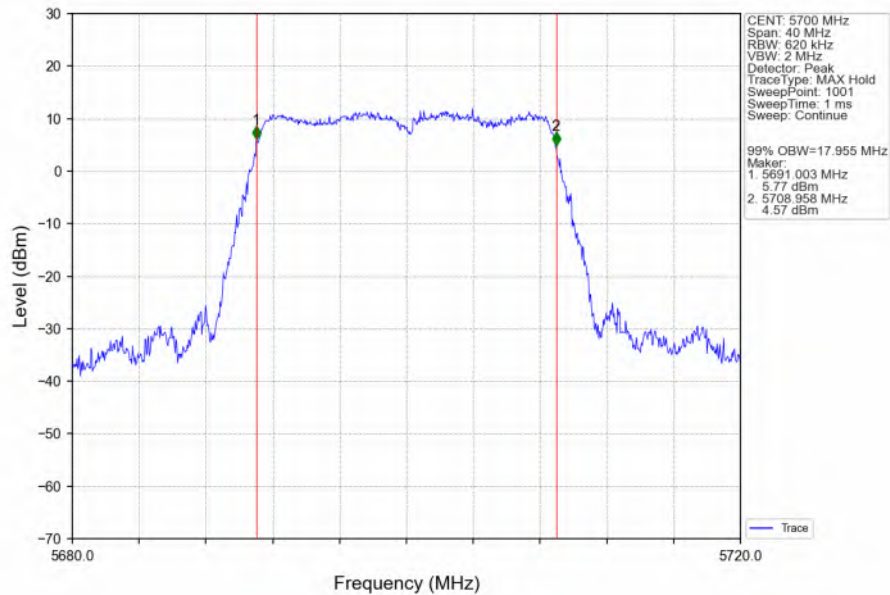
802.11n(HT20) LCH 5500MHz Ant1 NTN



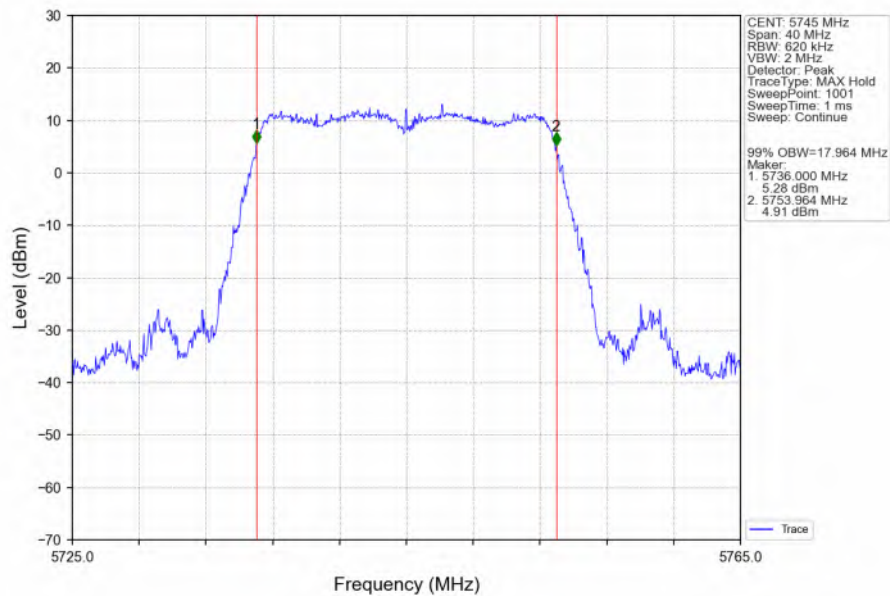
802.11n(HT20) MCH 5580MHz Ant1 NTN



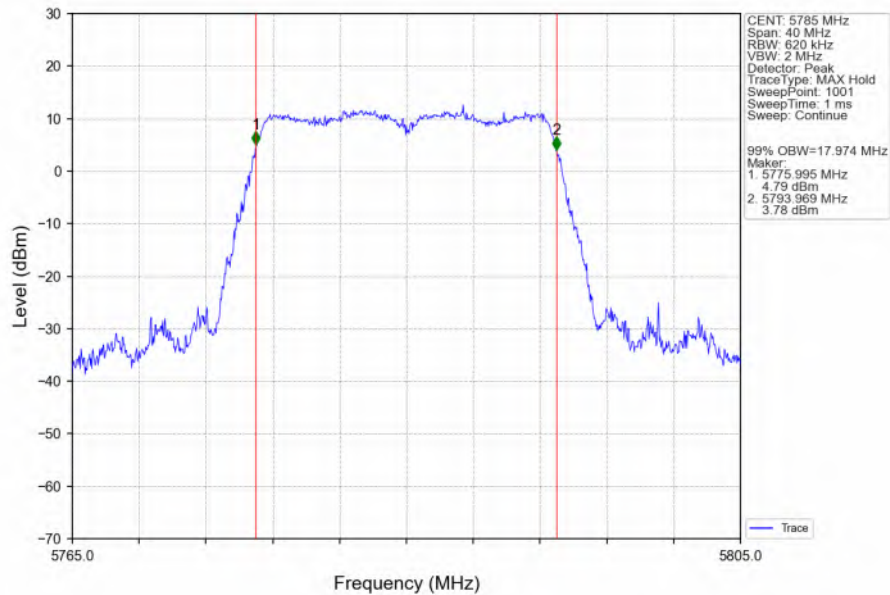
802.11n(HT20) HCH 5700MHz Ant1_NTNV



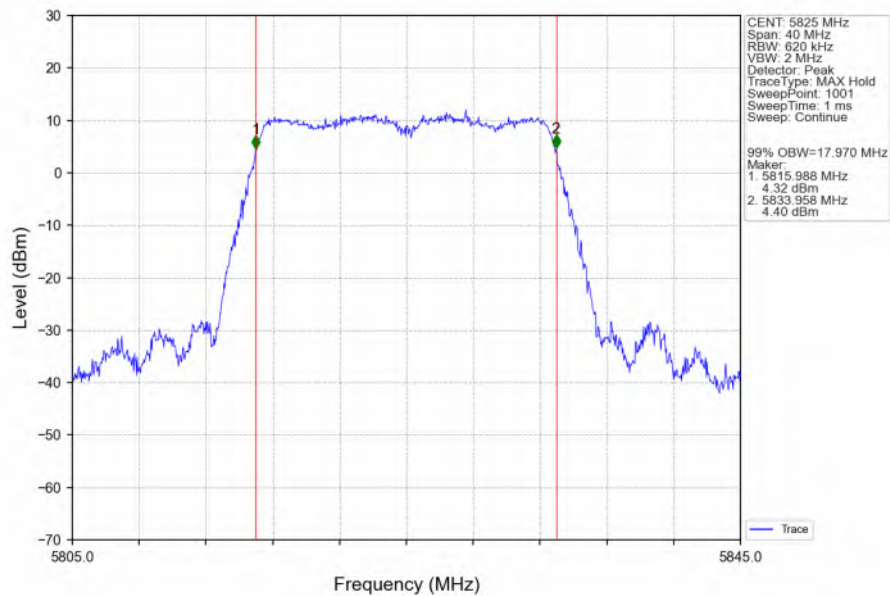
802.11n(HT20) LCH 5745MHz Ant1_NTNV



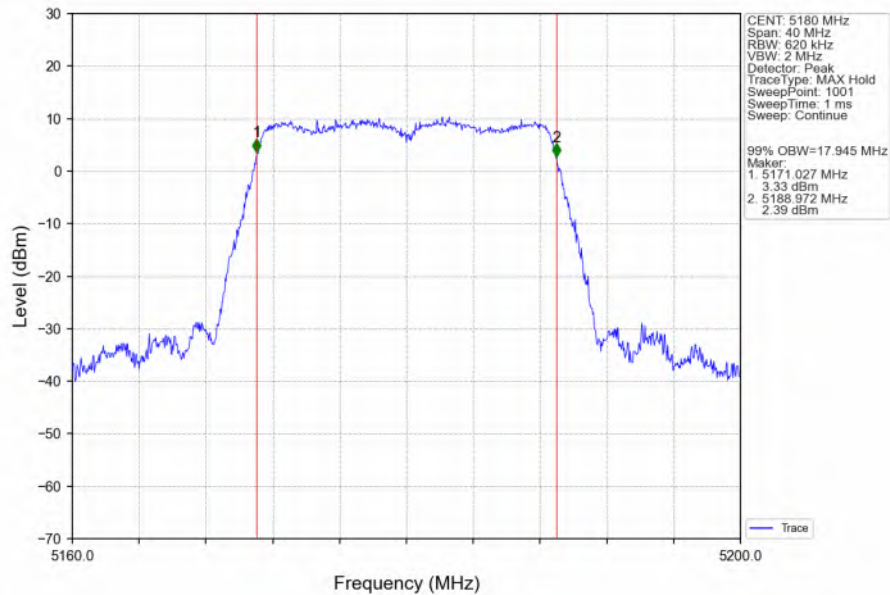
802.11n(HT20) MCH 5785MHz Ant1_NTNV



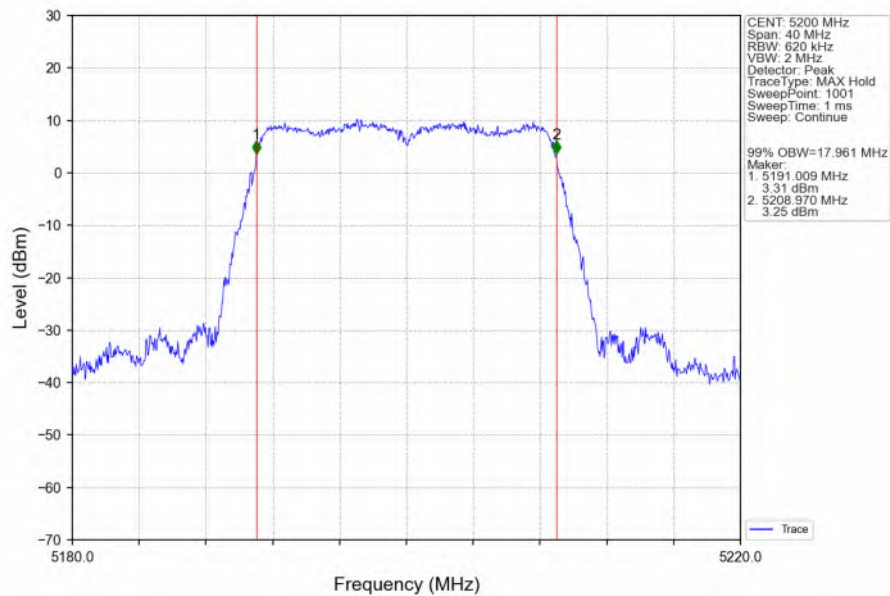
802.11n(HT20) HCH 5825MHz Ant1_NTNV



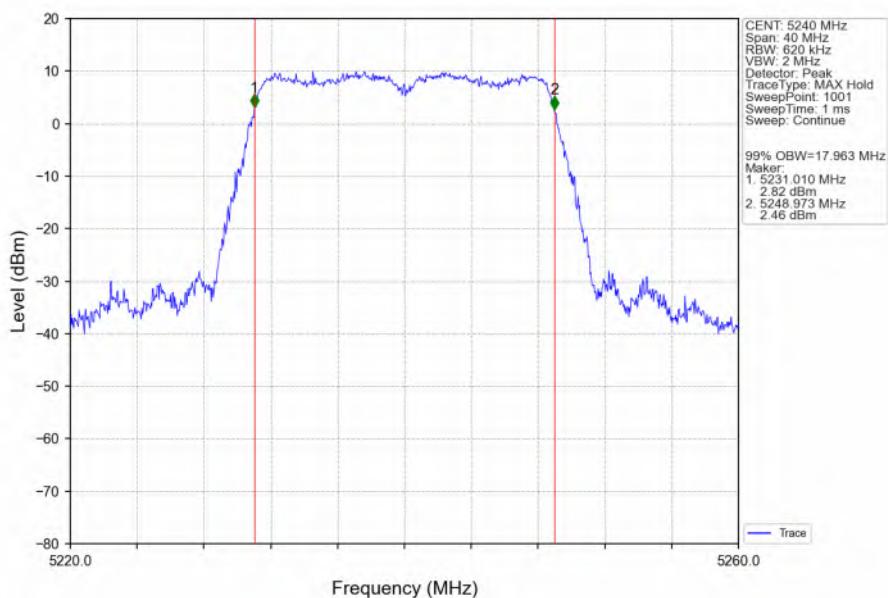
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



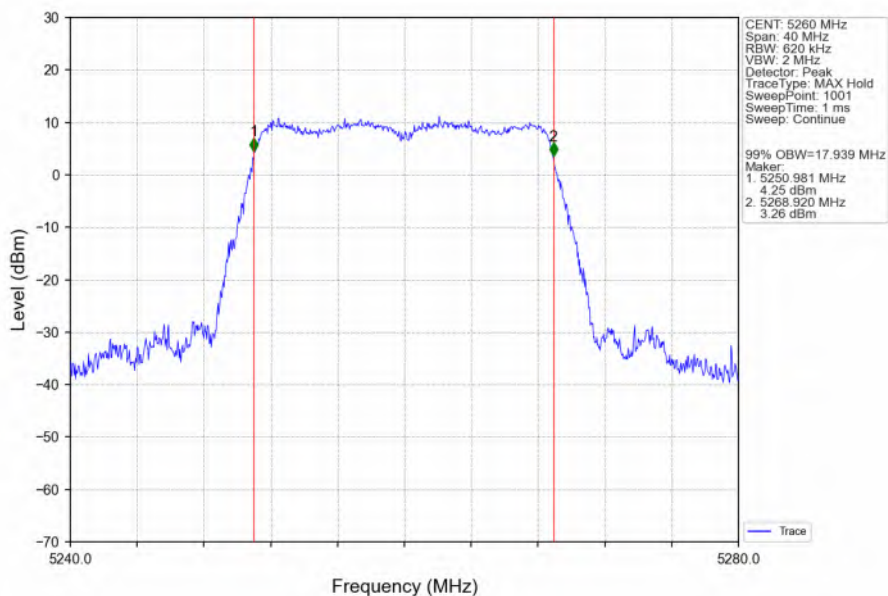
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



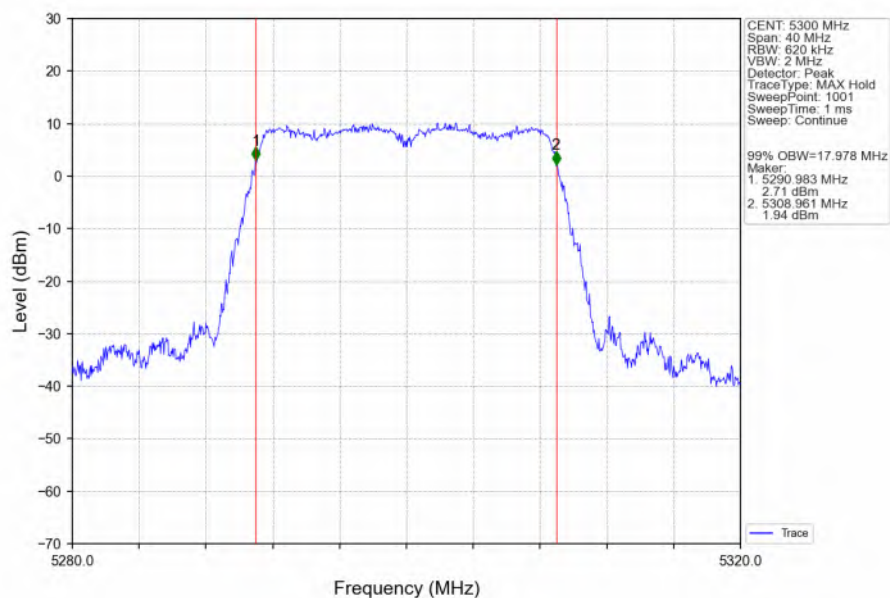
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



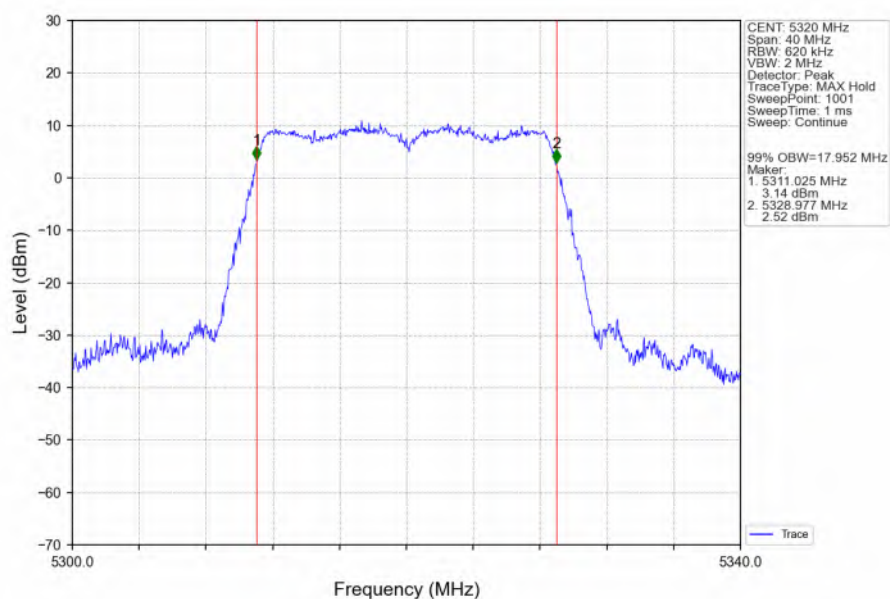
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



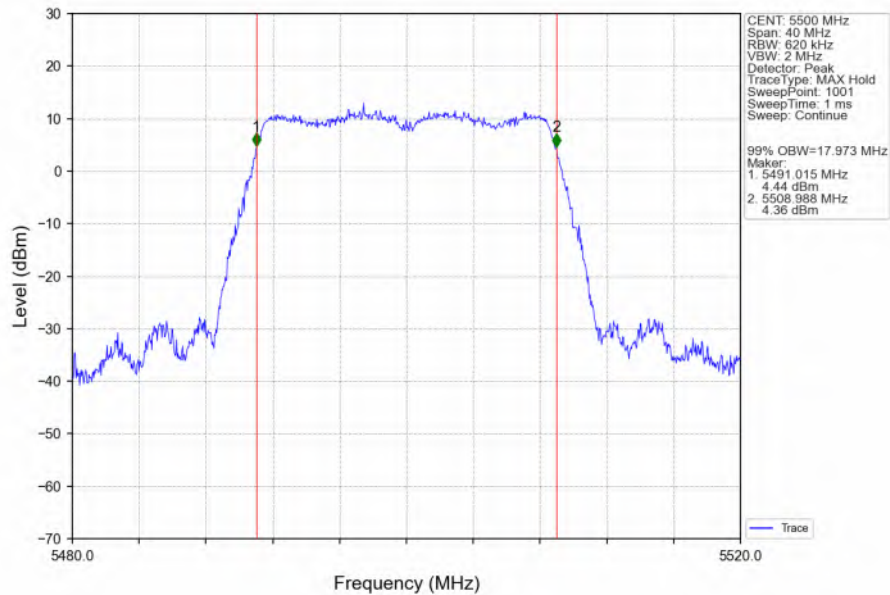
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



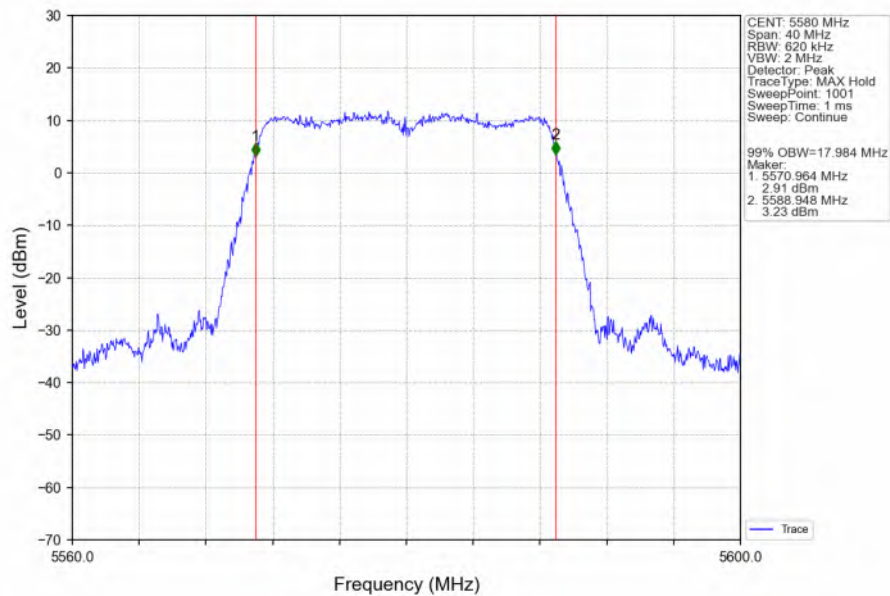
802.11ac(VHT20) HCH_5320MHz_Ant1_NTNV



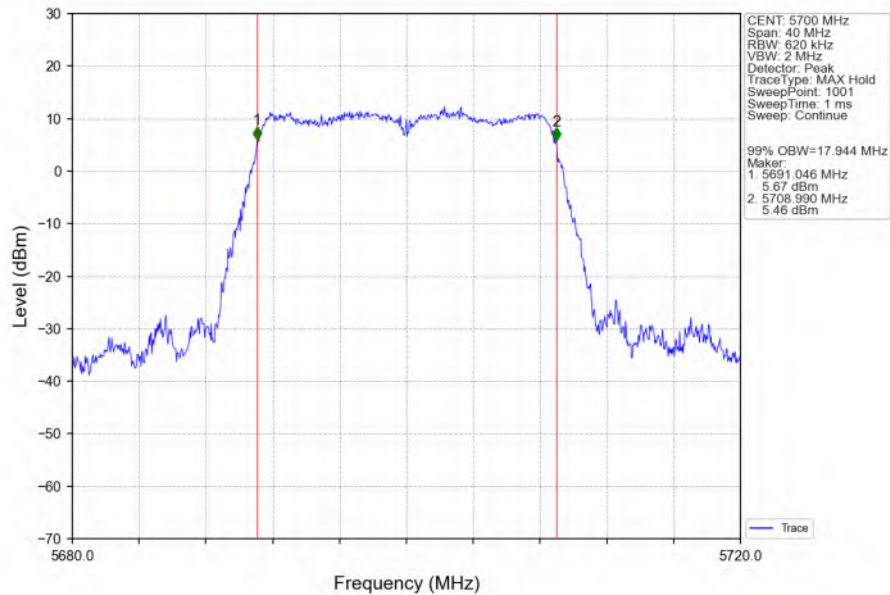
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



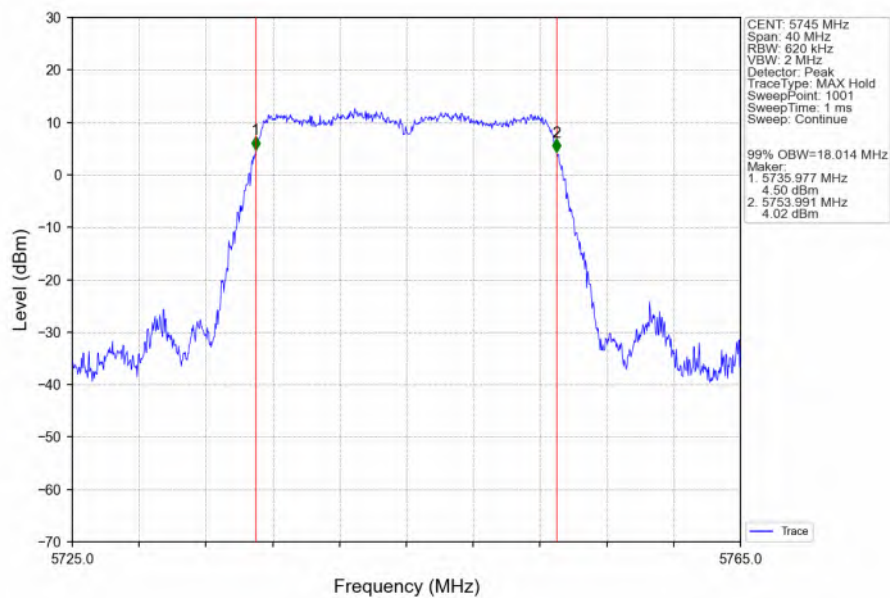
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



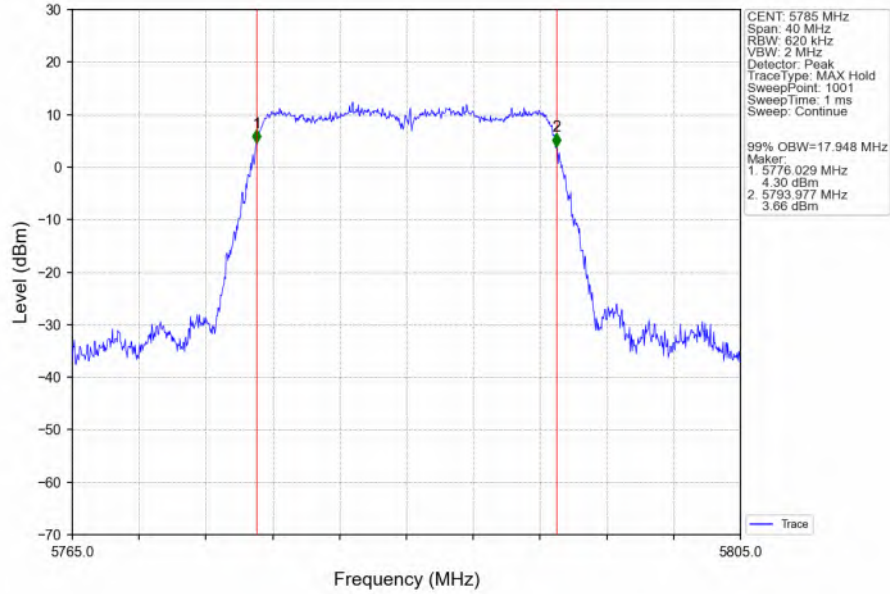
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



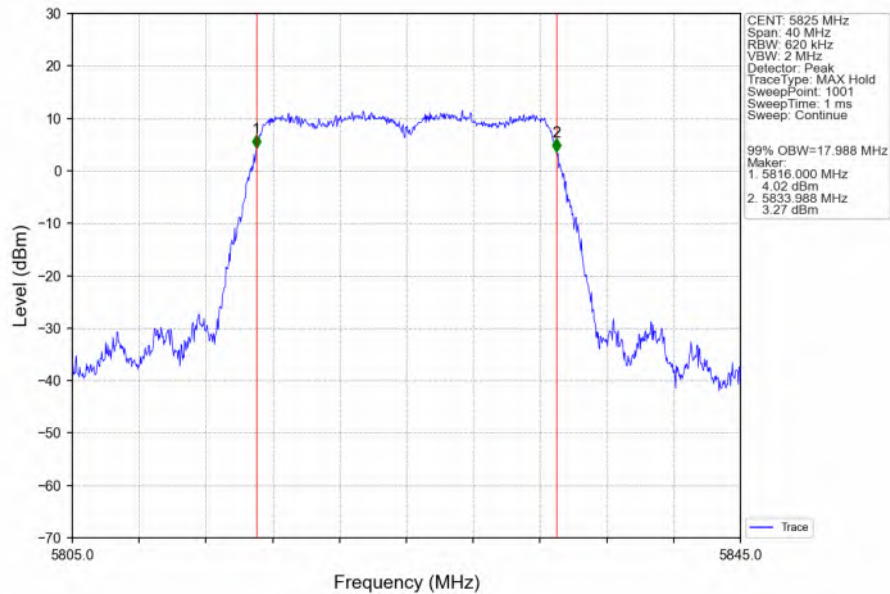
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



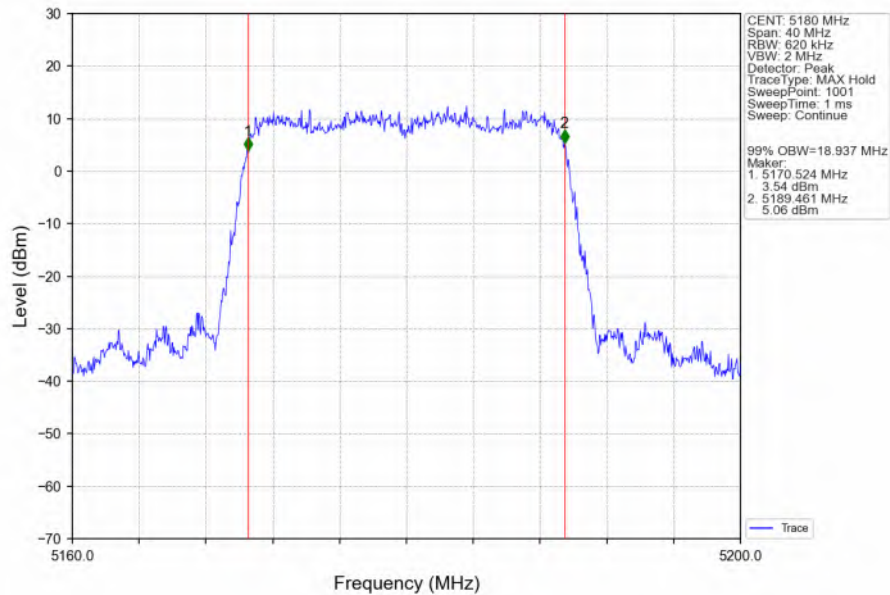
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



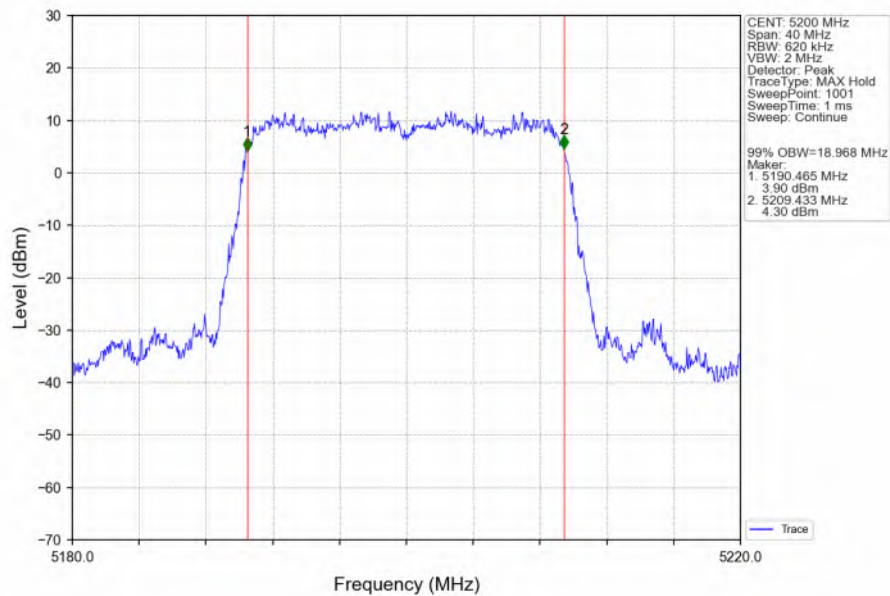
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



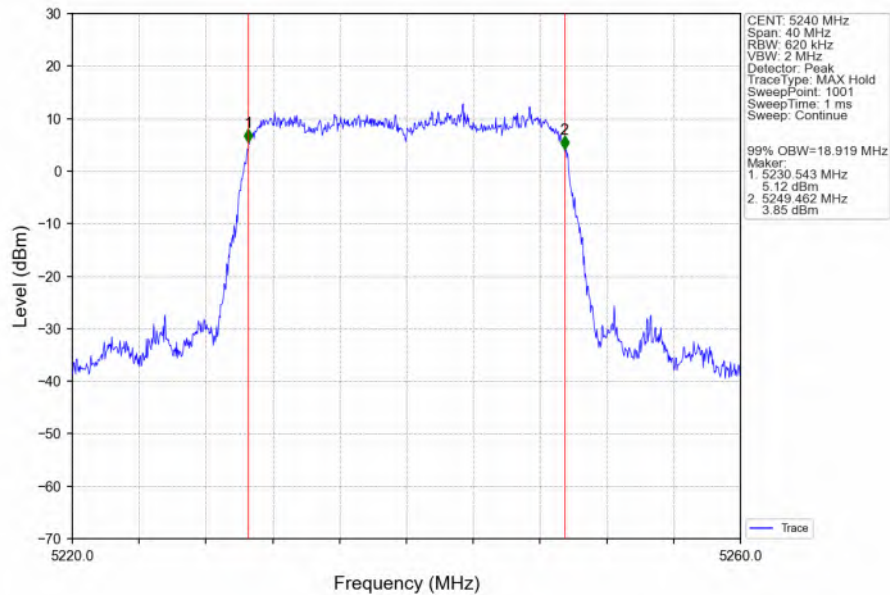
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTVN



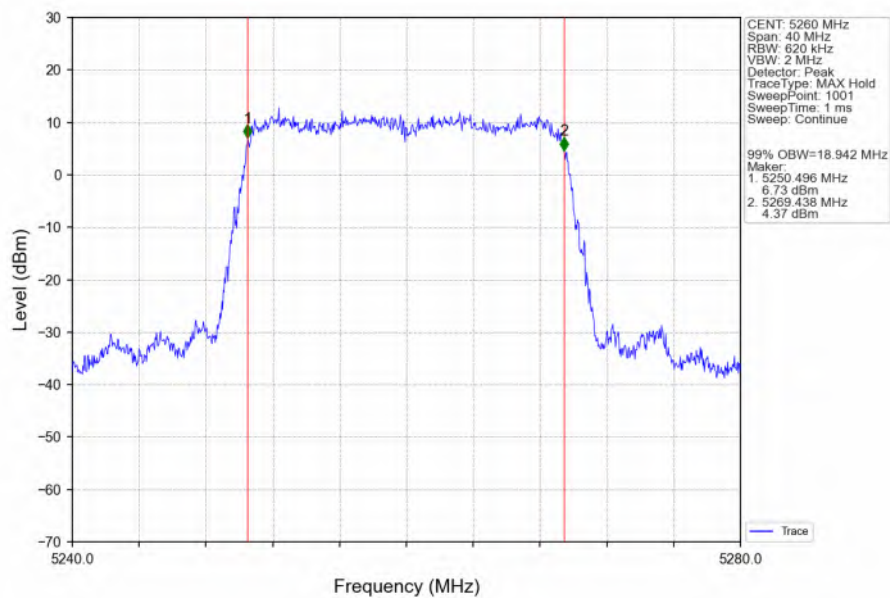
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTVN



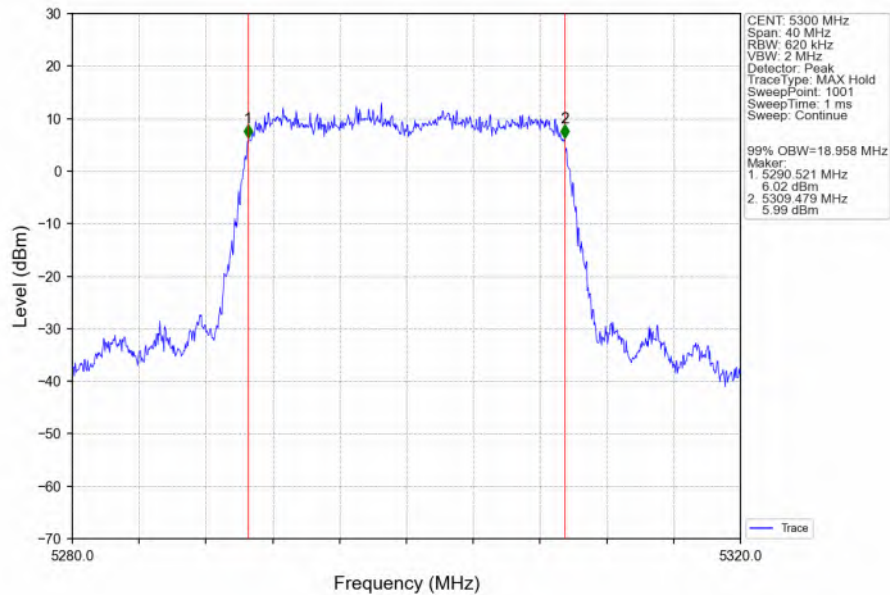
802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



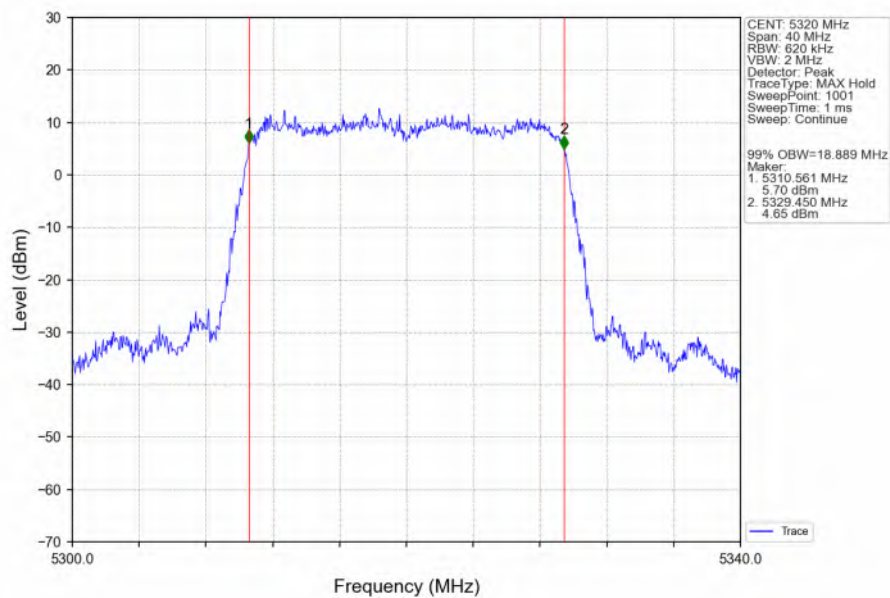
802.11ax(HEW20) LCH 5260MHz SU / Ant1 NTN



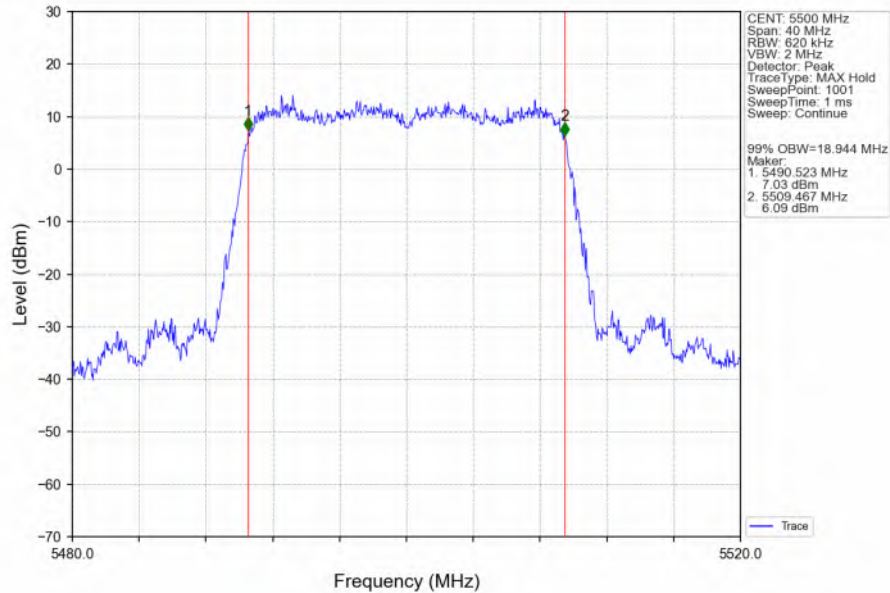
802.11ax(HEW20) MCH 5300MHz SU / Ant1 NTN



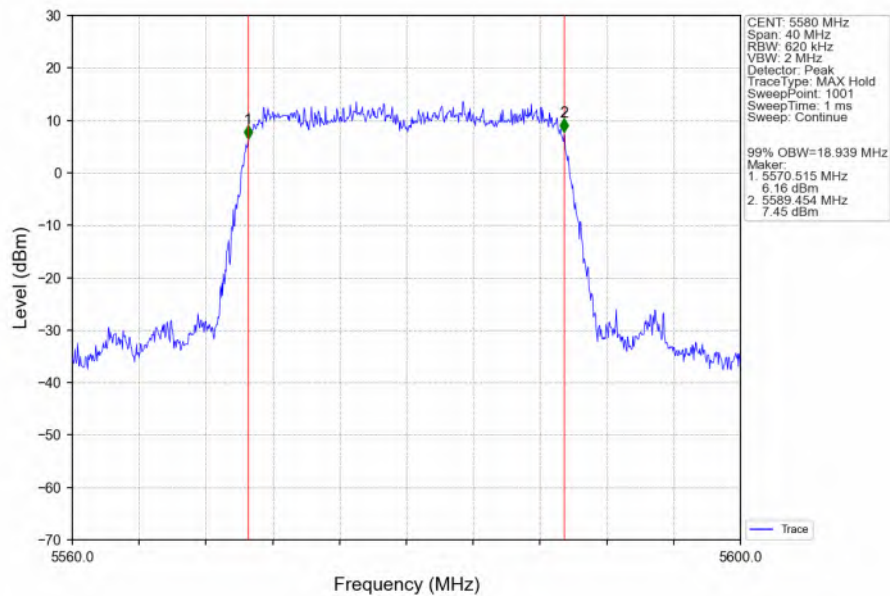
802.11ax(HEW20) HCH 5320MHz SU / Ant1 NTN



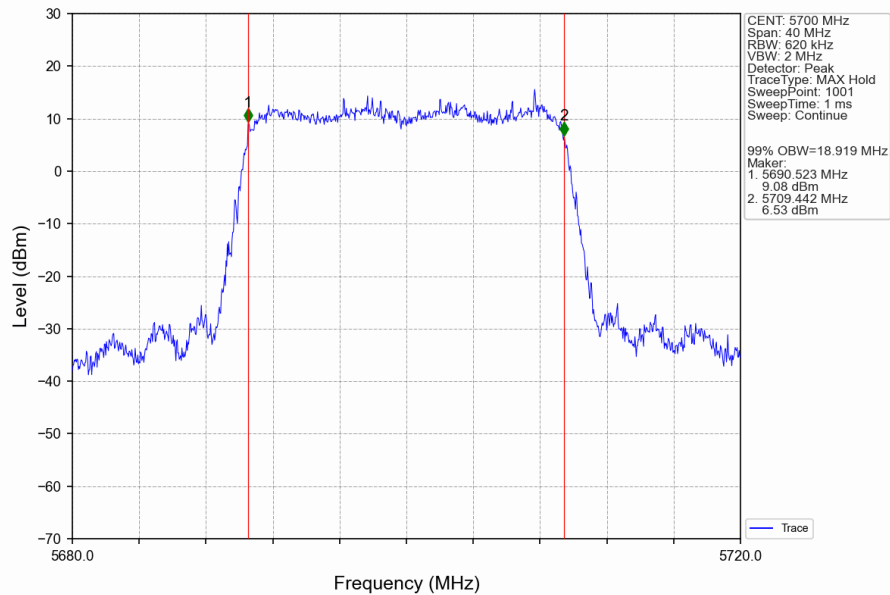
802.11ax(HEW20)_LCH_5500MHz_SU / Ant1_NTNV



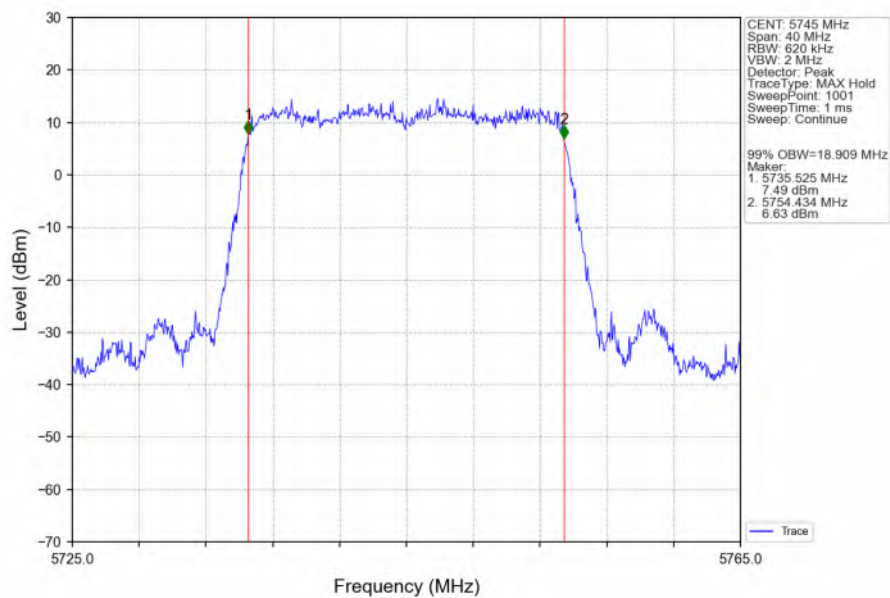
802.11ax(HEW20)_MCH_5580MHz_SU / Ant1_NTNV



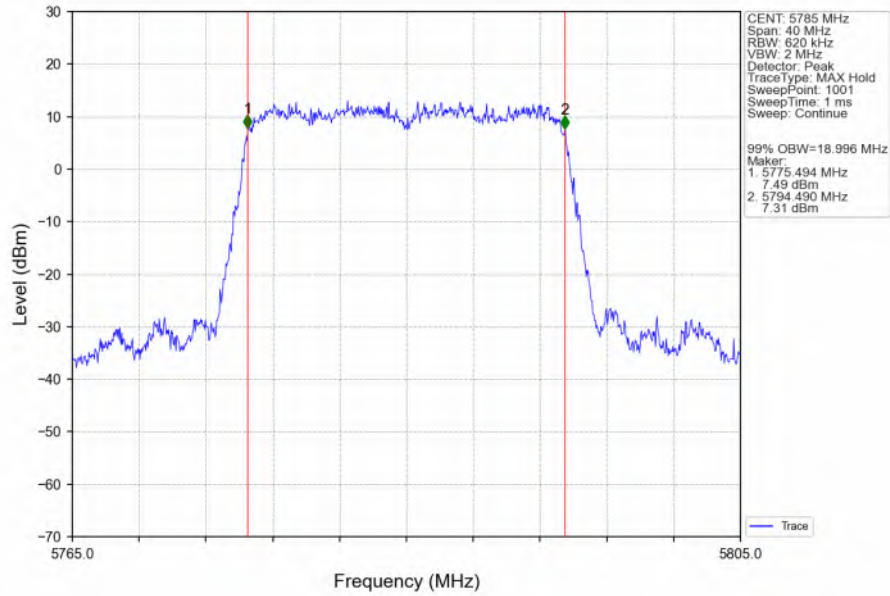
802.11ax(HEW20) HCH 5700MHz SU / Ant1 NTN



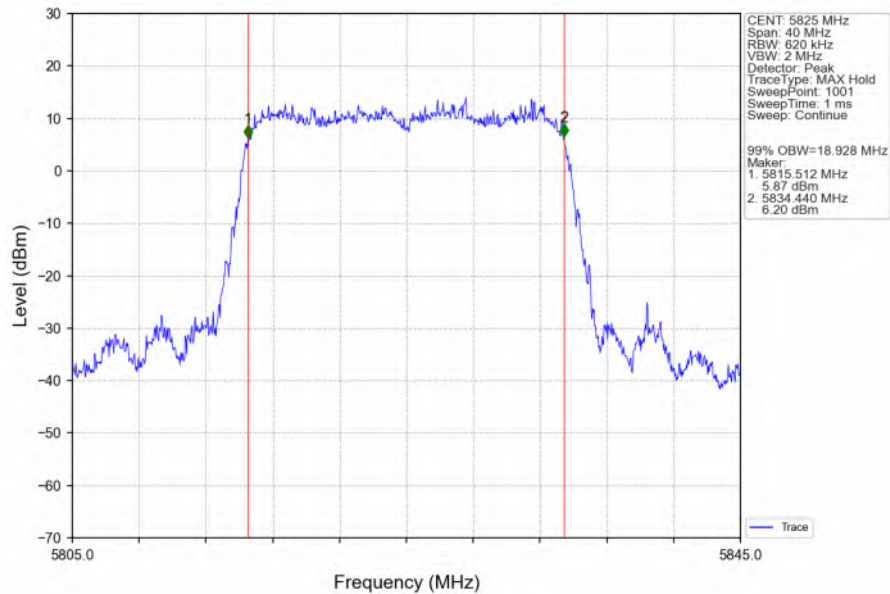
802.11ax(HEW20) LCH 5745MHz SU / Ant1 NTN



802.11ax(HEW20) MCH 5785MHz SU / Ant1 NTN

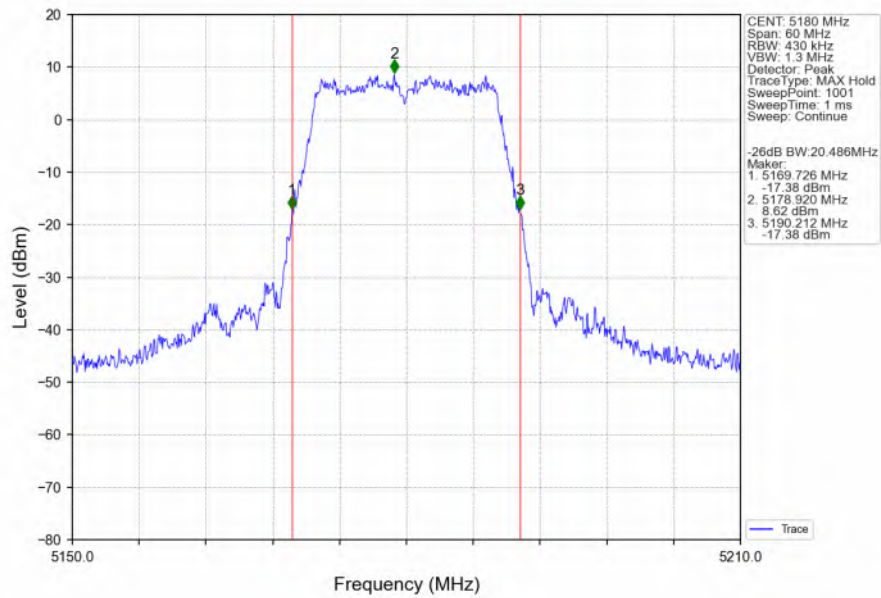


802.11ax(HEW20) HCH 5825MHz SU / Ant1 NTN

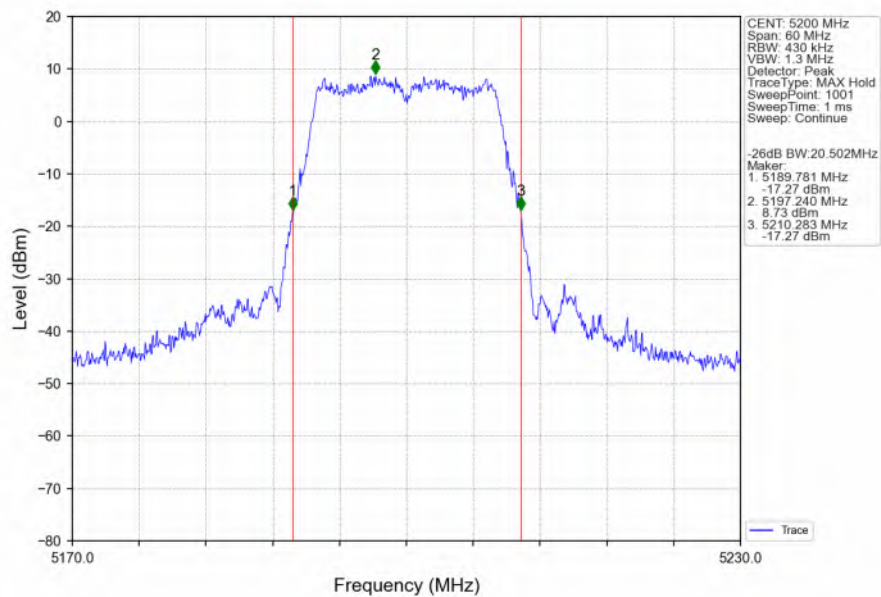


1.2.2 26dB BW

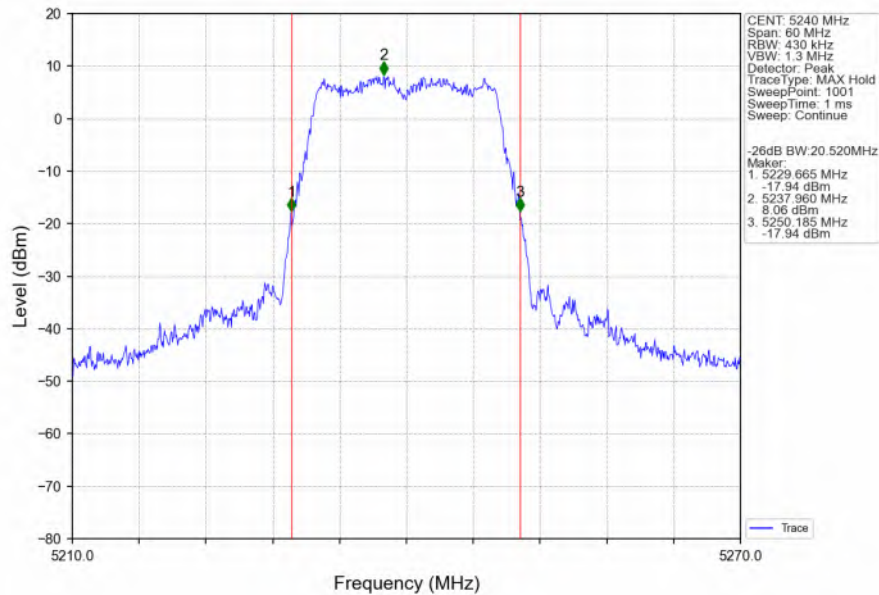
802.11a_LCH_5180MHz_Ant1_NTNV



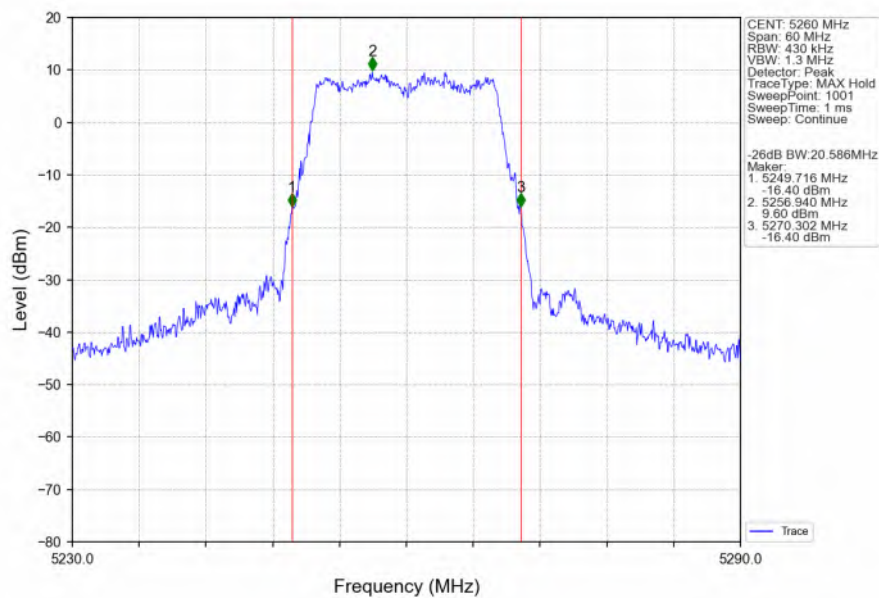
802.11a_MCH_5200MHz_Ant1_NTNV



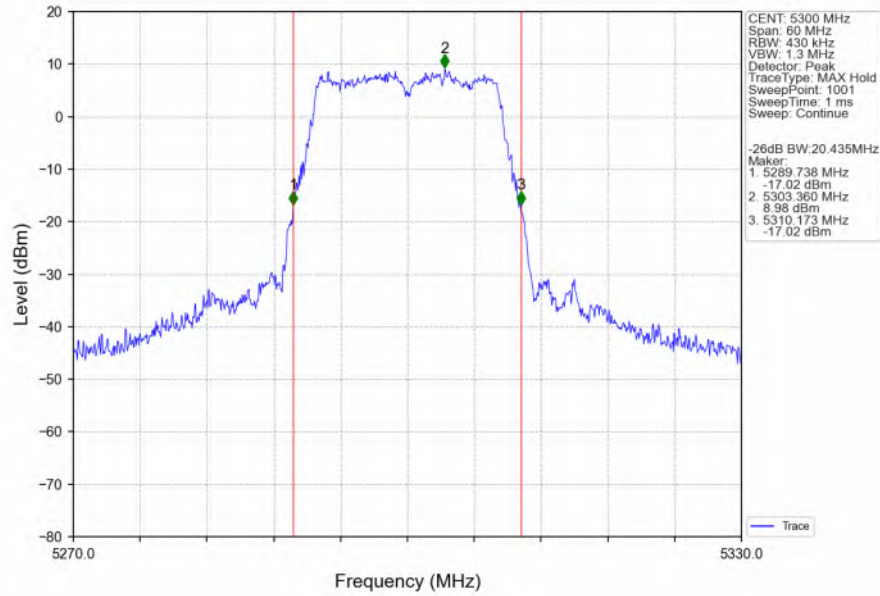
802.11a_HCH_5240MHz_Ant1_NTNV



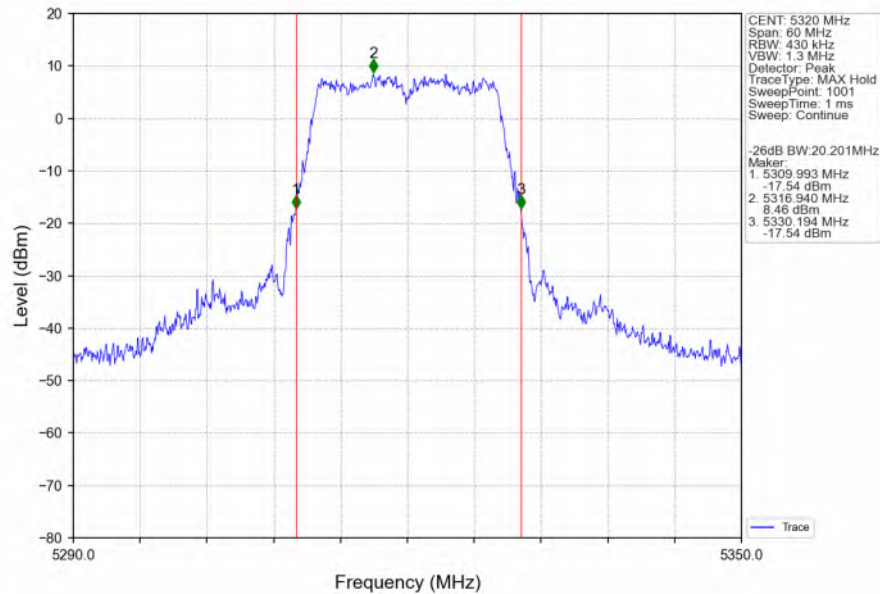
802.11a_LCH_5260MHz_Ant1_NTNV



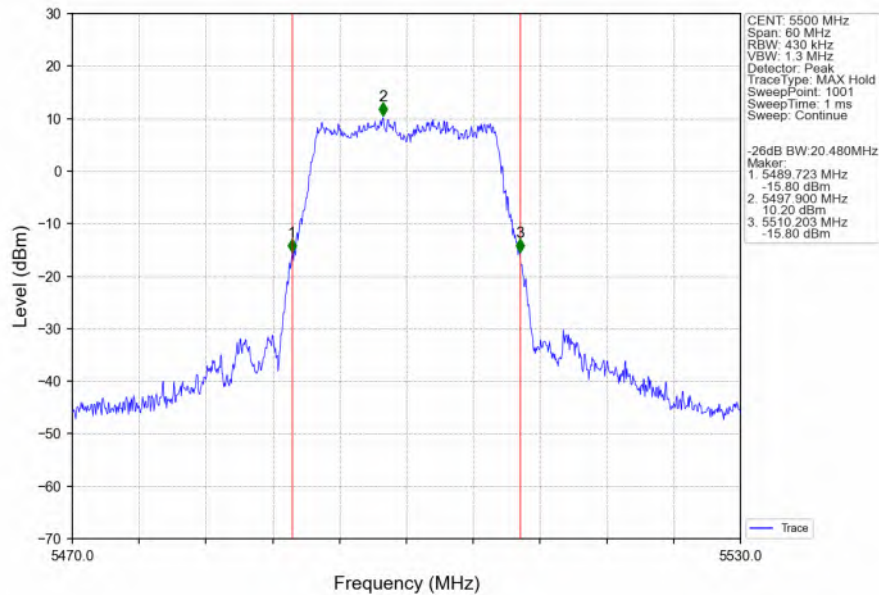
802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV

