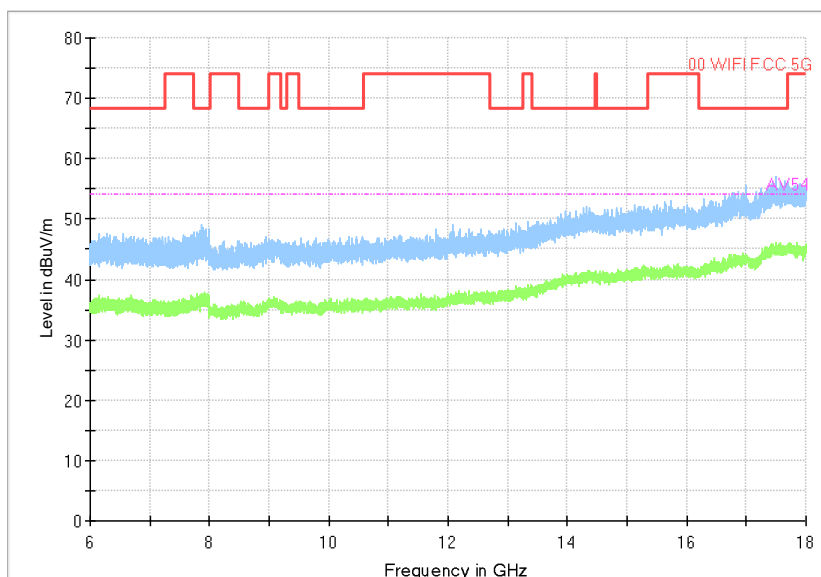


Test Report No.: RF260703B007

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Full Spectrum

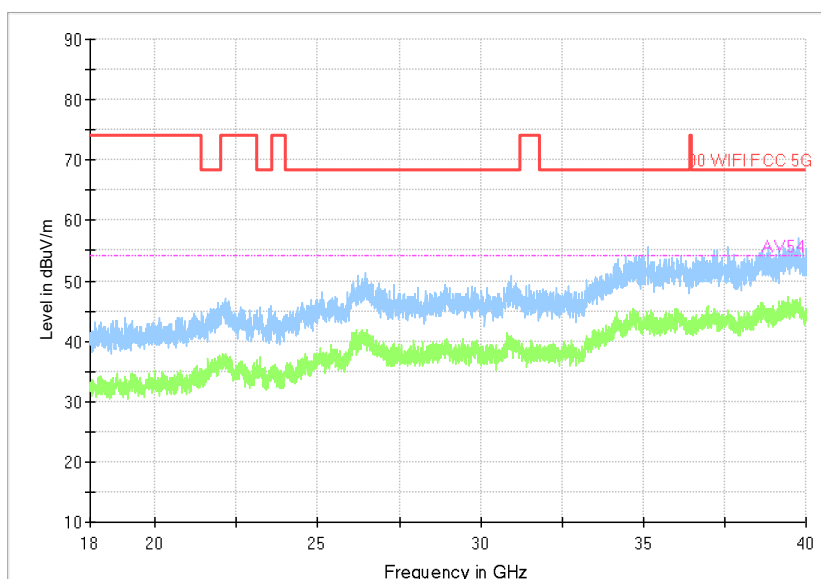


Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Full Spectrum



Test Report No.: RF260703B007

Frequency Range: 18GHz -40GHz

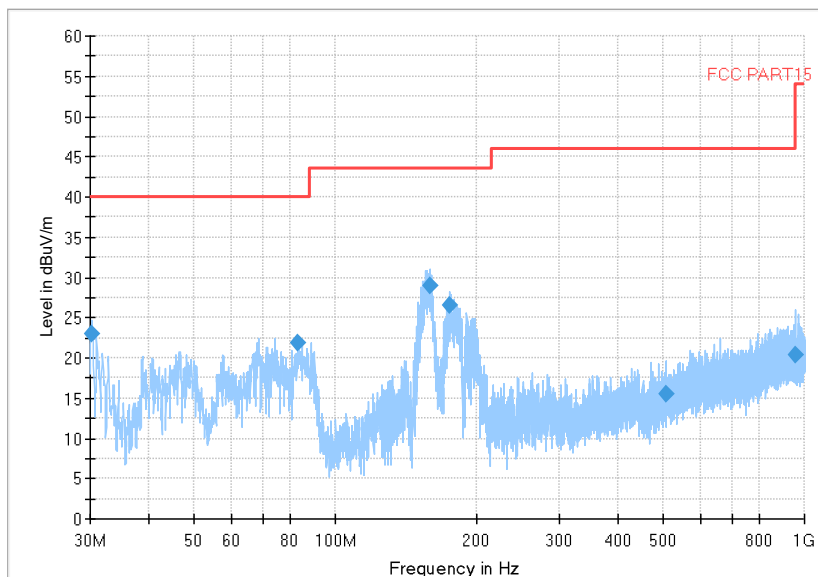
Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Carrier frequency (MHz): 5785

Channel No.:157

Full Spectrum



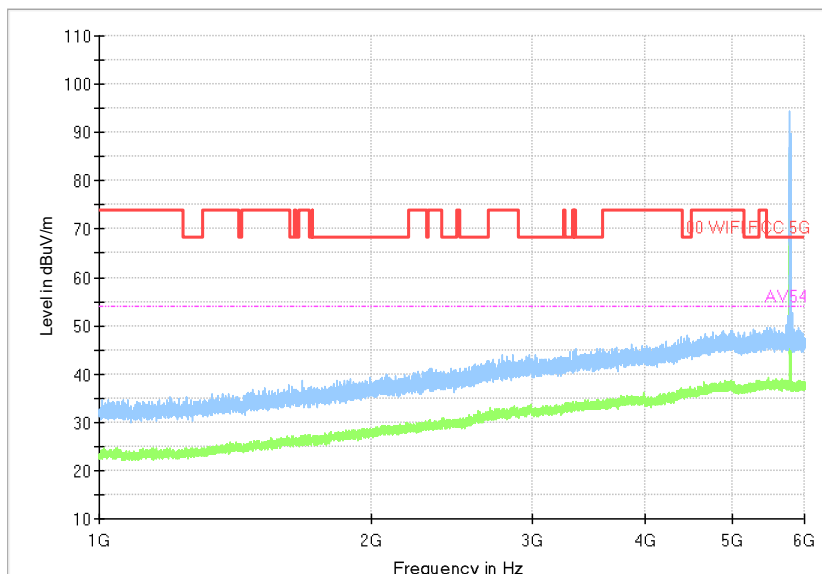
Frequency Range: 30MHz -1GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Test Report No.: RF260703B007

Full Spectrum

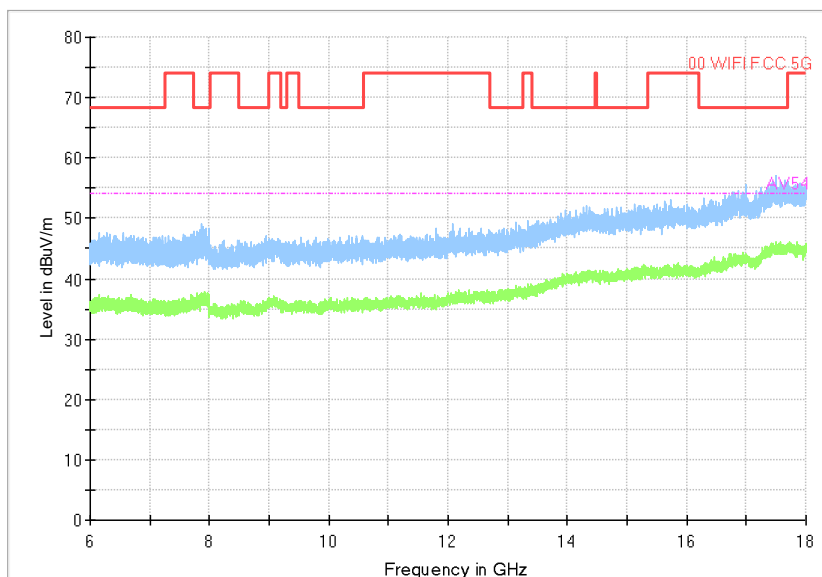


Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Full Spectrum

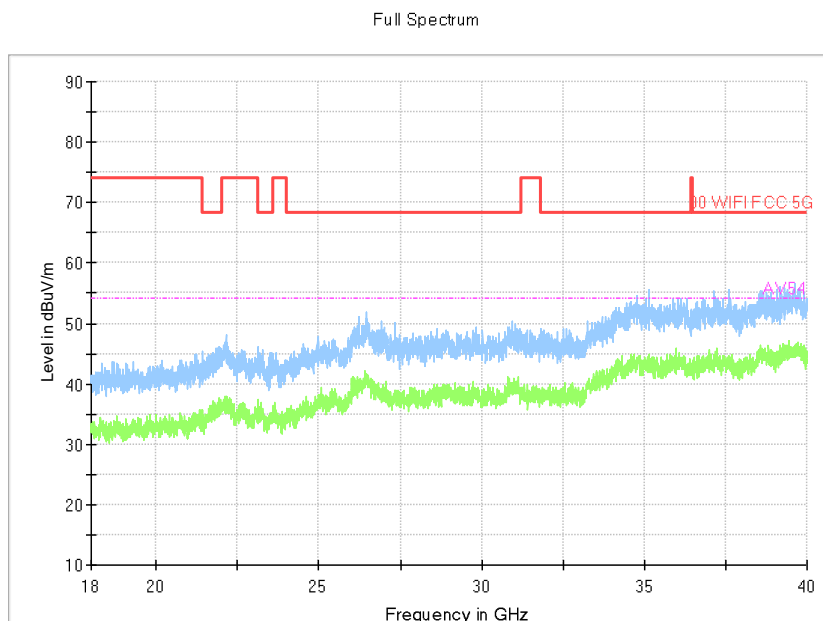


Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Test Report No.: RF260703B007



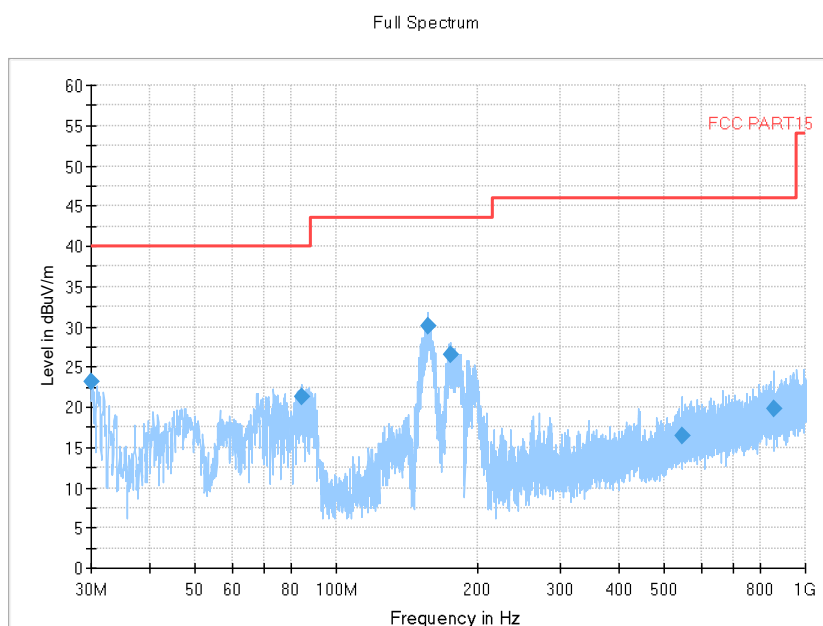
Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Carrier frequency (MHz): 5825

Channel No.:165

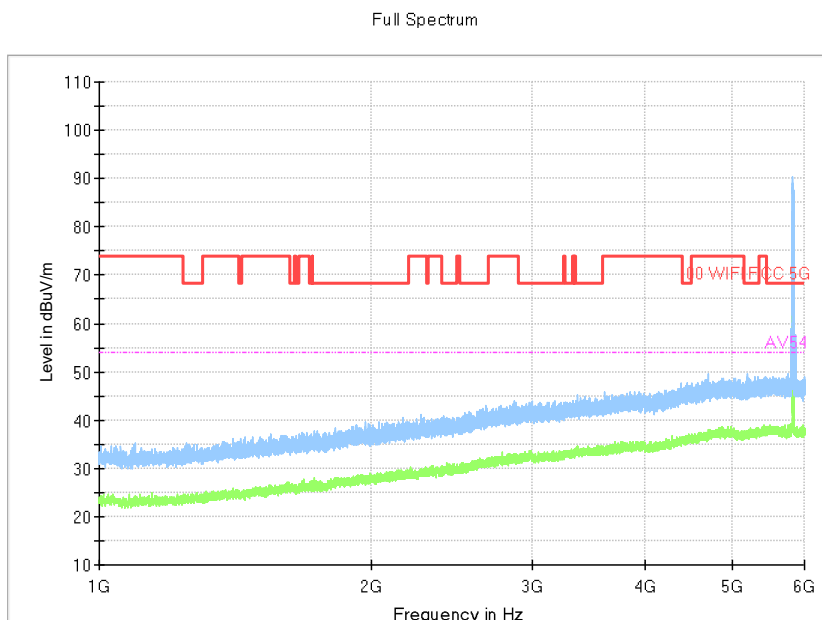


Frequency Range: 30MHz -1GHz

Test Report No.: RF260703B007

Detector: Av mode and PK mode

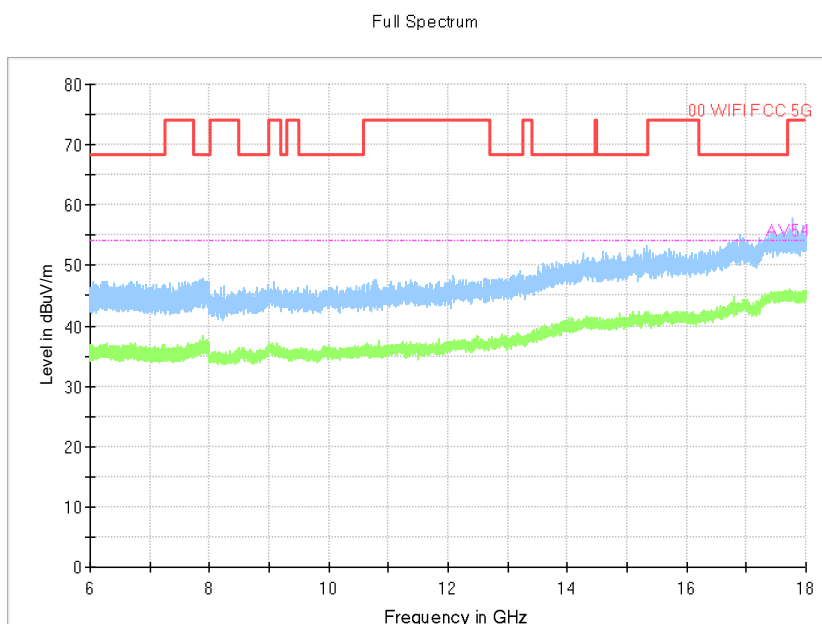
Test Mode: 802.11ax(HE20)



Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

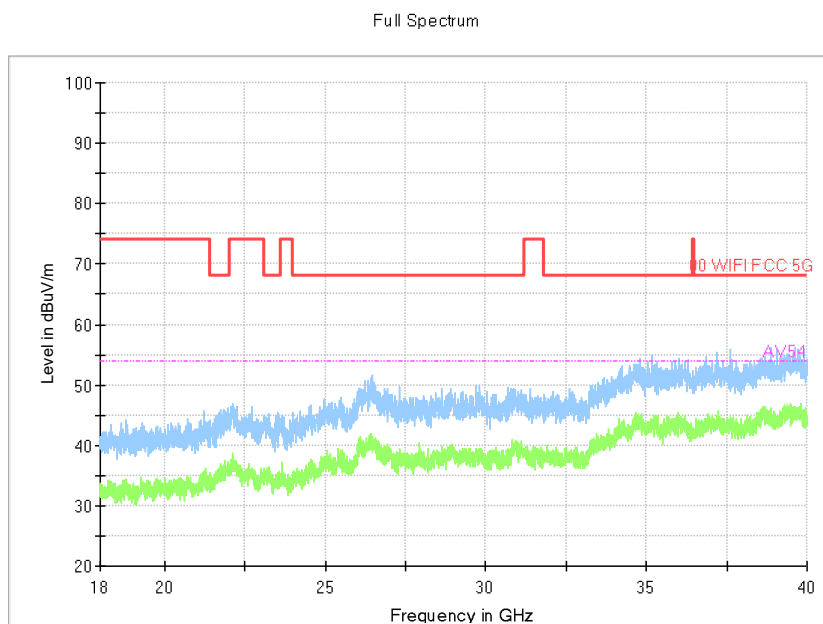


Test Report No.: RF260703B007

Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)



Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Test Report No.: RF260703B007

3.2 CONDUCTED EMISSION MEASUREMENT

3.2.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dB μ V)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

- NOTE:** 1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	102749	Mar.28,26	Mar.27,28
ELEKTRA test software	Rohde&Schwarz	ELEKTRA	NA	N/A	N/A
LISN network	Rohde&Schwarz	ENV216	102640	Mar.28,26	Mar.27,28
CABLE	Rohde&Schwarz	W61.01	N/A	Apr.27,26	Apr.26,27
CABLE	Rohde&Schwarz	W601	N/A	Apr.27,26	Apr.26,27

NOTE:

- The test was performed in CE shielded room.
- The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.2.3 TEST PROCEDURES

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

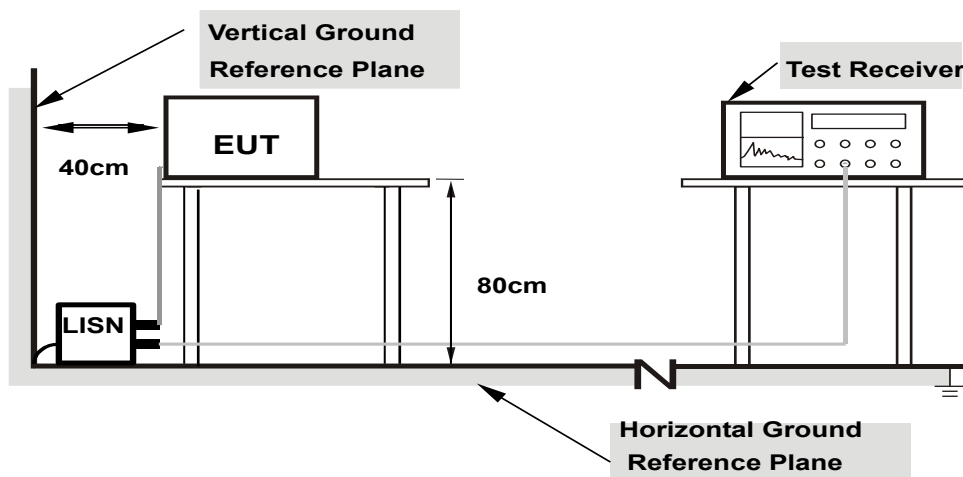
NOTE: All modes of operation were investigated and the worst-case emissions are reported.

Test Report No.: RF260703B007

3.2.4 DEVIATION FROM TEST STANDARD

No deviation.

3.2.5 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.2.6 EUT OPERATING CONDITIONS

Same as 3.1.7.

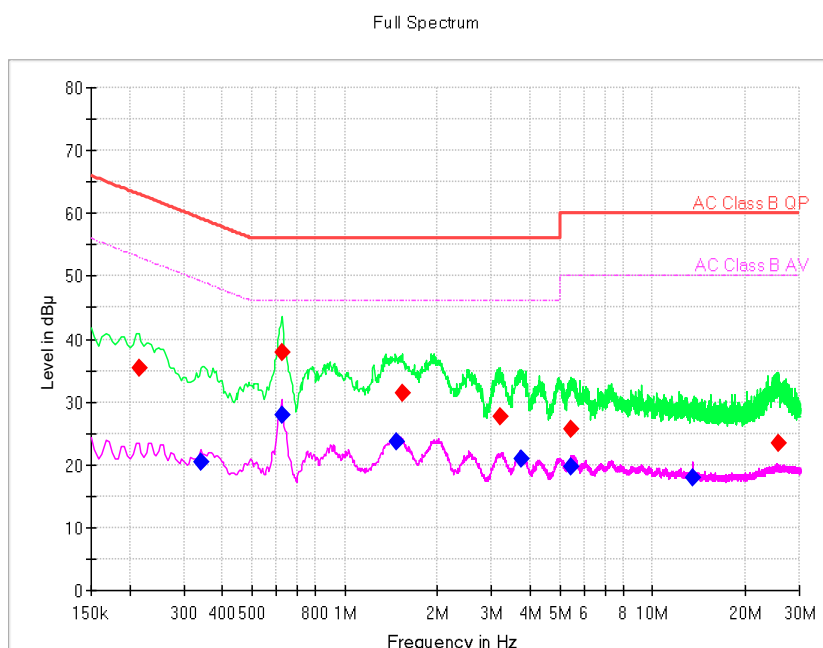
Test Report No.: RF260703B007

3.2.7 TEST RESULTS

A “reference path loss” Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ is the attenuation of “reference path loss”, and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

$$P_{\text{result}} = P_{\text{mea}} + \text{Corr. (dB)}$$



Test Report No.: RF260703B007

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PmeaQuasiPeak (dBμV)	PmeaAverage (dBμV)
0.21396	35.28	---	63.05	27.77	L1	29.80	5.48	---
0.34189	---	20.47	49.16	28.69	N	29.60	---	-9.13
0.62334	---	27.94	46.00	18.06	N	29.60	---	-1.66
0.62334	37.78	---	56.00	18.22	L1	29.80	7.98	---
1.46766	---	23.77	46.00	22.23	L1	29.80	---	-6.03
1.54016	31.51	---	56.00	24.49	L1	29.80	1.71	---
3.21176	27.78	---	56.00	28.22	N	29.60	-1.82	---
3.74906	---	21.01	46.00	24.99	N	29.60	---	-8.59
5.43771	---	19.72	50.00	30.28	N	29.70	---	-9.98
5.45051	25.77	---	60.00	34.23	N	29.70	-3.93	---
13.56118	---	17.87	50.00	32.13	L1	30.10	---	-12.23
25.57794	23.44	---	60.00	36.56	L1	30.40	-6.96	---

Test Report No.: RF260703B007

3.3 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

3.3.1 LIMITS OF MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
	B	Indoor Access Point	1 Watt (30 dBm)
	√	Client devices	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	√		1 Watt (30 dBm)

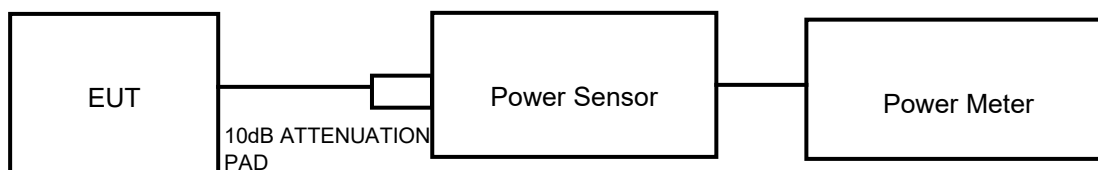
NOTE: Where B is the 26dB emission bandwidth in MHz.

Test Report No.: RF260703B007

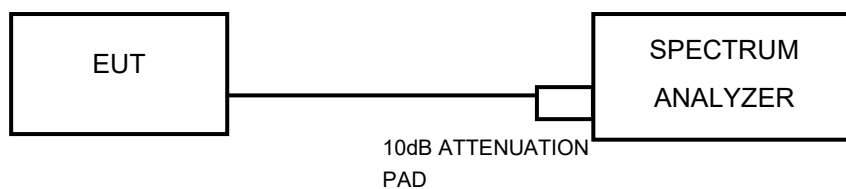
3.3.2 TEST SETUP

FOR POWER OUTPUT MEASUREMENT

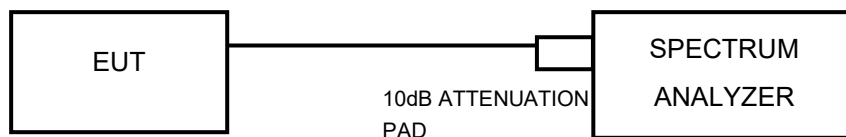
802.11a, 802.11n/ac/ax (20MHz), 802.11 n/ac/ax (40MHz) TEST CONFIGURATION



802.11ac/ax (80MHz) TEST CONFIGURATION



FOR 26dB BANDWIDTH



Test Report No.: RF260703B007

3.3.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	R&S	ESW 44	101973	Mar.28,26	Mar.27,28
Open Switch and Control Unit	R&S	OSP-B157W8	100836	N/A	N/A
Vector Signal Generator	R&S	SMBV100B	102176	Mar.29,26	Mar.28,28
Signal Generator	R&S	SMB100A03	182185	Mar.29,26	Mar.28,28
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.19,26	Jun.18,27
Hygrothermograph	DELI	20210528	SZ015	Sep.06,25	Sep.05,27
PC	LENOVO	E14	HRSW0024	N/A	N/A
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.27,26	Apr.26,27
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.27,26	Apr.26,27
Test Software	EMC32	EMC32	N/A	N/A	N/A
Temperature Chamber	votsch	VT4002	58566078100050	May.30,26	May.29,28
Power Meter	R&S	NRX	102380	Mar.28,26	Mar.27,28
Power Meter probe	R&S	NRP6A	102942	Mar.28,26	Mar.27,28

NOTE:

1. The calibration interval of the above test instruments is 12/24 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

Test Report No.: RF260703B007

3.3.4 TEST PROCEDURE

FOR POWER MEASUREMENT

For 802.11a, 802.11 n/ac/ax (20MHz), 802.11 n/ac/ax (40MHz)

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

For 802.11ac/ax (80MHz)

1. Measure the duty cycle, x , of the transmitter output signal as described in II.B.
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
3. Set RBW = 1 MHz.
4. Set VBW $\geq$ 3 MHz.
5. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. (This ensures that bin-to-bin spacing is $\leq \text{RBW}/2$, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
8. Do not use sweep triggering. Allow the sweep to “free run.”
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
10. Add $10 \log (1/x)$, where x is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \log (1/0.25) = 6 \text{ dB}$ if the duty cycle is 25%.

Test Report No.: RF260703B007

FOR 99 PERCENT OCCUPIED BANDWIDTH

The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW $\geq 3 \cdot$ RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

FOR 26dB BANDWIDTH

- 1) Set RBW = approximately 1% of the emission bandwidth.
- 2) Set the VBW > RBW.
- 3) Detector = Peak.
- 4) Trace mode = max hold.
- 5) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

FOR 6dB BANDWIDTH

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.



Test Report No.: RF260703B007

3.3.5 DEVIATION FROM TEST STANDARD

No deviation.

3.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

3.3.7 TEST RESULTS

Please Refer to Appendix A Of this test report.

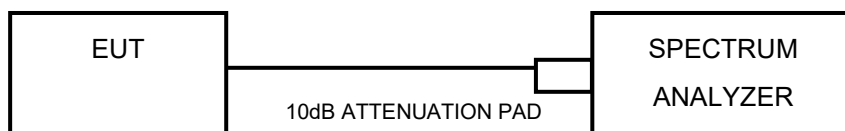
Test Report No.: RF260703B007

3.4 MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

3.4.1 LIMITS OF MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Client devices	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

Test Report No.: RF260703B007

3.4.4 TEST PROCEDURES

Using method SA-2(Band1/2/3)

- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- 3) Set Channel power measure = 1MHz
- 4) Sweep time = auto, trigger set to "free run".
- 5) Trace average at least 100 traces in power averaging mode.
- 6) Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).
- 7) Record the max value

Using method SA-2 (Band4)

- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 300 KHz, Set VBW $\geq$ 1 MHz, Detector = RMS
- 3) Set Channel power measure = 1MHz
- 4) Sweep time = auto, trigger set to "free run".
- 5) Trace average at least 100 traces in power averaging mode.
- 6) Add $10 \log(500\text{kHz}/\text{RBW})$ to the test result. $10 \log(500\text{kHz}/300\text{KHZ}) = 2.22\text{dBm}$
- 7) Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).
- 8) Record the max value

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

Same as 3.1.7.

3.4.7 TEST RESULTS

Please Refer to Appendix A Of this test report.

Test Report No.: RF260703B007

3.5 AUTOMATICALLY DISCONTINUE TRANSMISSION

3.5.1 LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

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.

3.5.2 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.5.3 TEST RESULT

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving。 The EUT can detect the controlling of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission

Test Report No.: RF260703B007

3.6 ANTENNA REQUIREMENTS

3.6.1 STANDARD APPLICABLE

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.6.2 ANTENNA CONNECTED CONSTRUCTION

An embedded-in antenna design is used.

3.6.3 ANTENNA GAIN

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit and PSD limit.

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

Test Report No.: RF260703B007

6 APPENDIX A: RLAN UNII-1

1. Duty Cycle

1.1 TEST RESULT

1.1.1 ANT7

Ant7									
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	SISO	5180	/	/	2.095	2.113	99.15	0.04	0.07
		5200	/	/	2.096	2.113	99.20	0.04	0.03
		5240	/	/	2.096	2.114	99.15	0.04	0.07
802.11n (HT20)	SISO	5180	/	/	3.550	3.567	99.52	0.02	0.03
		5200	/	/	3.550	3.567	99.52	0.02	0.03
		5240	/	/	3.548	3.565	99.52	0.02	0.03
802.11n (HT40)	SISO	5190	/	/	1.977	1.993	99.20	0.04	0.00
		5230	/	/	1.977	1.994	99.15	0.04	0.03
802.11ac (VHT20)	SISO	5180	/	/	3.553	3.571	99.50	0.02	0.03
		5200	/	/	3.553	3.570	99.52	0.02	0.03
		5240	/	/	3.555	3.571	99.55	0.02	0.00
802.11ac (VHT40)	SISO	5190	/	/	1.737	1.753	99.09	0.04	0.03
		5230	/	/	1.981	1.997	99.20	0.03	0.07
802.11ac (VHT80)	SISO	5210	/	/	1.200	1.216	98.68	0.06	0.00
802.11ax (HEW20)	SISO	5180	RU242	Left	2.713	2.730	99.38	0.03	0.04
		5200	RU242	Left	2.713	2.730	99.38	0.03	0.03
		5240	RU242	Left	2.712	2.730	99.34	0.03	0.04
802.11ax (HEW40)	SISO	5190	RU484	Left	1.583	1.600	98.94	0.05	0.07
		5230	RU484	Left	1.583	1.599	99.00	0.04	0.07
802.11ax (HEW80)	SISO	5210	RU996	Left	0.939	0.955	98.32	0.07	0.03

Test Report No.: RF260703B007

2. Bandwidth

2.1 TEST RESULT

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	7	16.269	/	Pass
		5200	/	/	7	16.275	/	Pass
		5240	/	/	7	16.295	/	Pass
802.11n (HT20)	SISO	5180	/	/	7	17.536	/	Pass
		5200	/	/	7	17.475	/	Pass
		5240	/	/	7	17.503	/	Pass
802.11n (HT40)	SISO	5190	/	/	7	35.985	/	Pass
		5230	/	/	7	35.961	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	7	17.516	/	Pass
		5200	/	/	7	17.515	/	Pass
		5240	/	/	7	17.503	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	7	35.963	/	Pass
		5230	/	/	7	35.935	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	7	74.995	/	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	7	18.889	/	Pass
		5200	RU242	Left	7	18.842	/	Pass
		5240	RU242	Left	7	18.853	/	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	7	37.644	/	Pass
		5230	RU484	Left	7	37.658	/	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	7	76.676	/	Pass

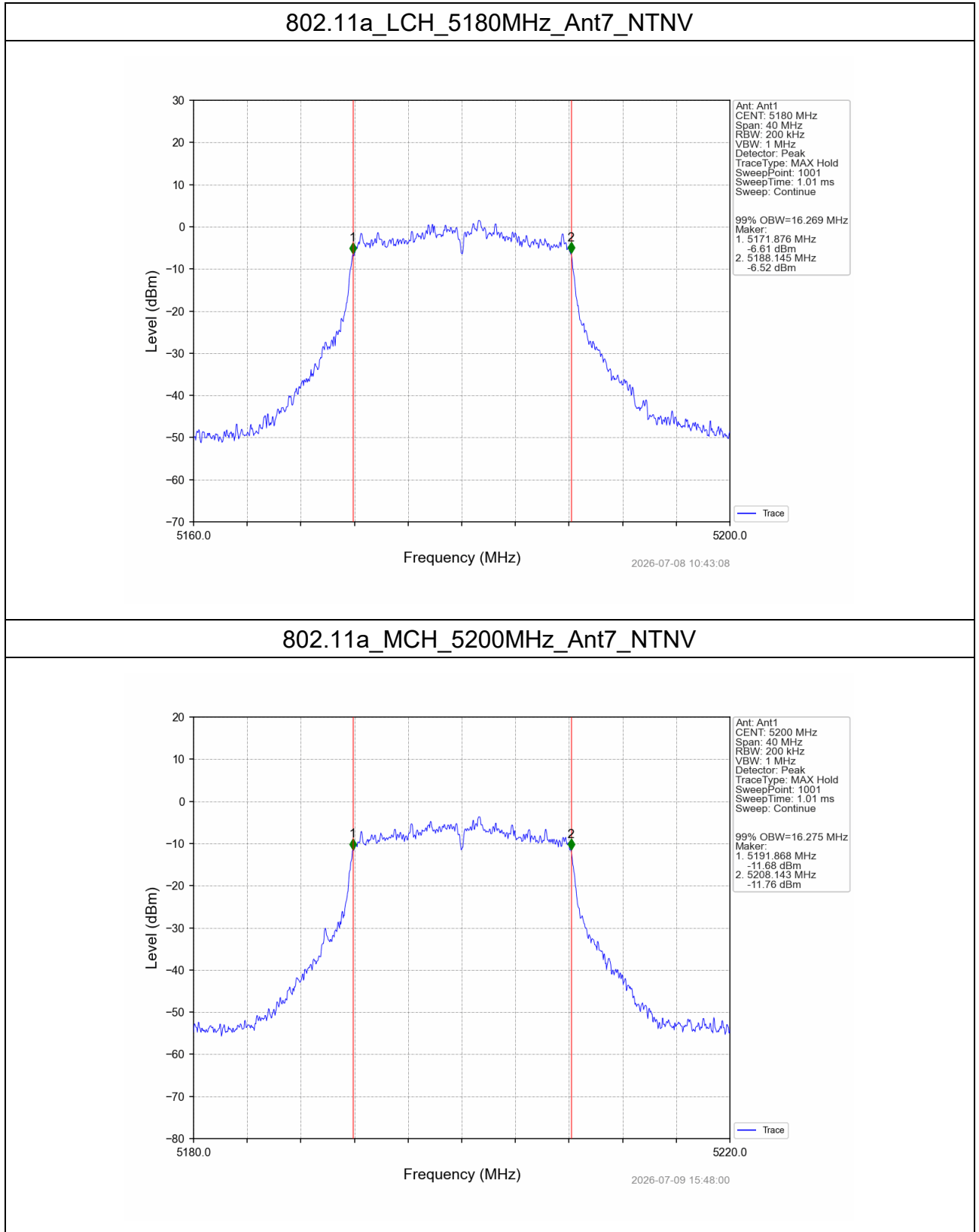
Test Report No.: RF260703B007

2.1.2 26DB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	7	18.560	/	Pass
		5200	/	/	7	19.537	/	Pass
		5240	/	/	7	18.579	/	Pass
802.11n (HT20)	SISO	5180	/	/	7	19.772	/	Pass
		5200	/	/	7	19.859	/	Pass
		5240	/	/	7	19.919	/	Pass
802.11n (HT40)	SISO	5190	/	/	7	39.532	/	Pass
		5230	/	/	7	39.680	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	7	19.899	/	Pass
		5200	/	/	7	19.773	/	Pass
		5240	/	/	7	19.854	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	7	39.863	/	Pass
		5230	/	/	7	39.593	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	7	81.229	/	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	7	20.796	/	Pass
		5200	RU242	Left	7	20.899	/	Pass
		5240	RU242	Left	7	20.686	/	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	7	40.334	/	Pass
		5230	RU484	Left	7	40.155	/	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	7	81.514	/	Pass

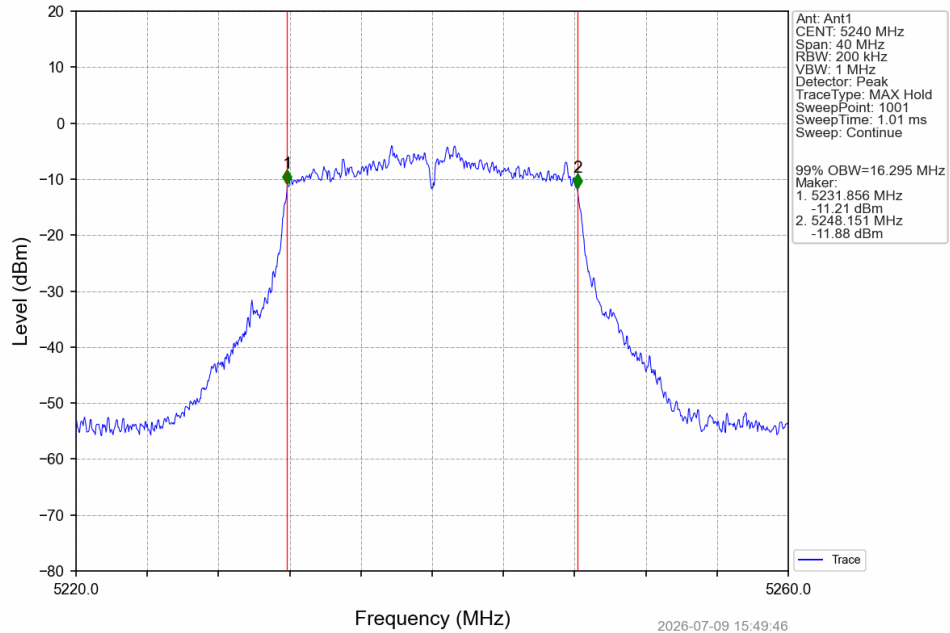
Test Report No.: RF260703B007

2.2 Test Graph

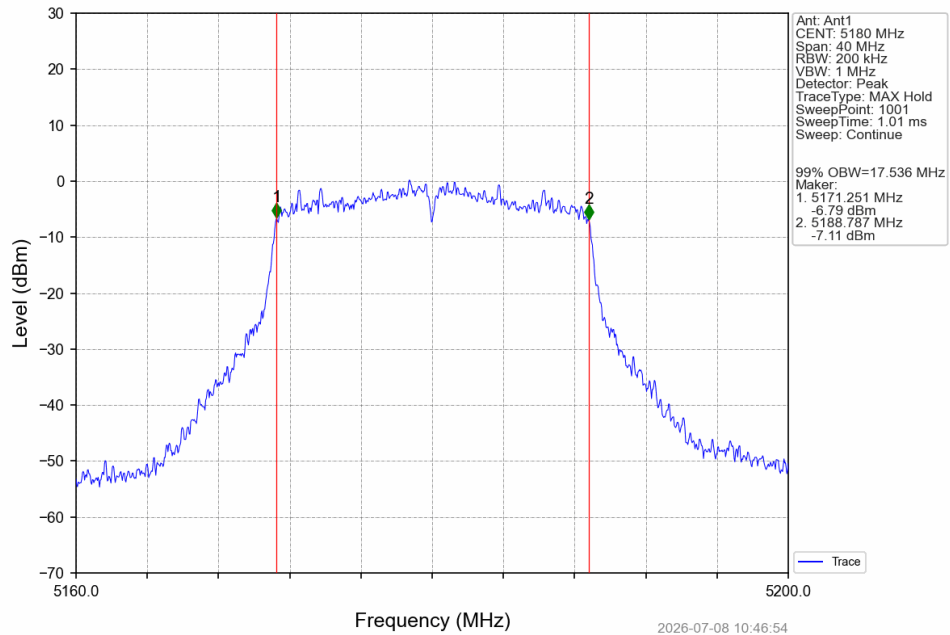


Test Report No.: RF260703B007

802.11a_HCH_5240MHz_Ant7_NTNV

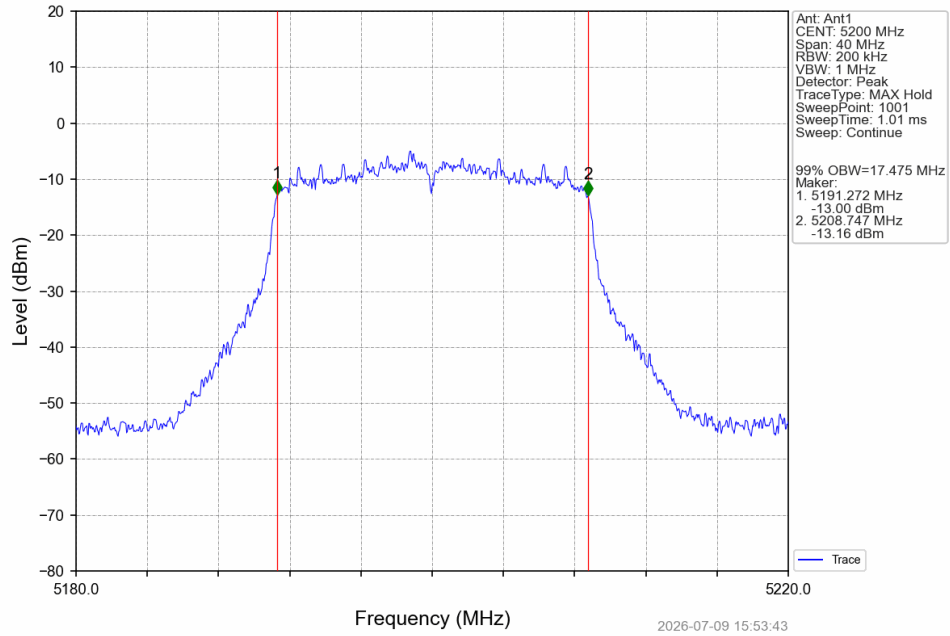


802.11n(HT20)_LCH_5180MHz_Ant7_NTNV

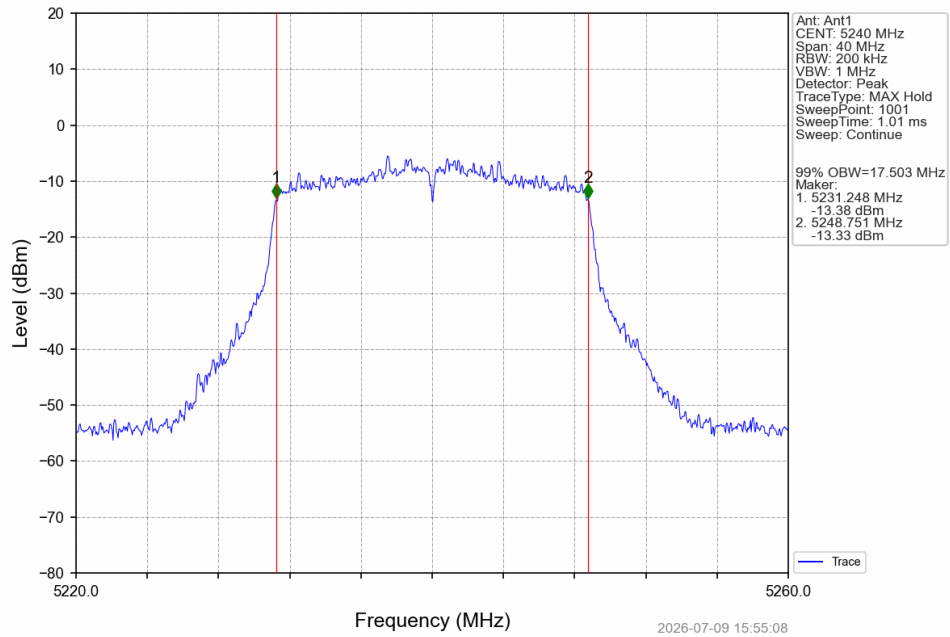


Test Report No.: RF260703B007

802.11n(HT20)_MCH_5200MHz_Ant7_NTNV

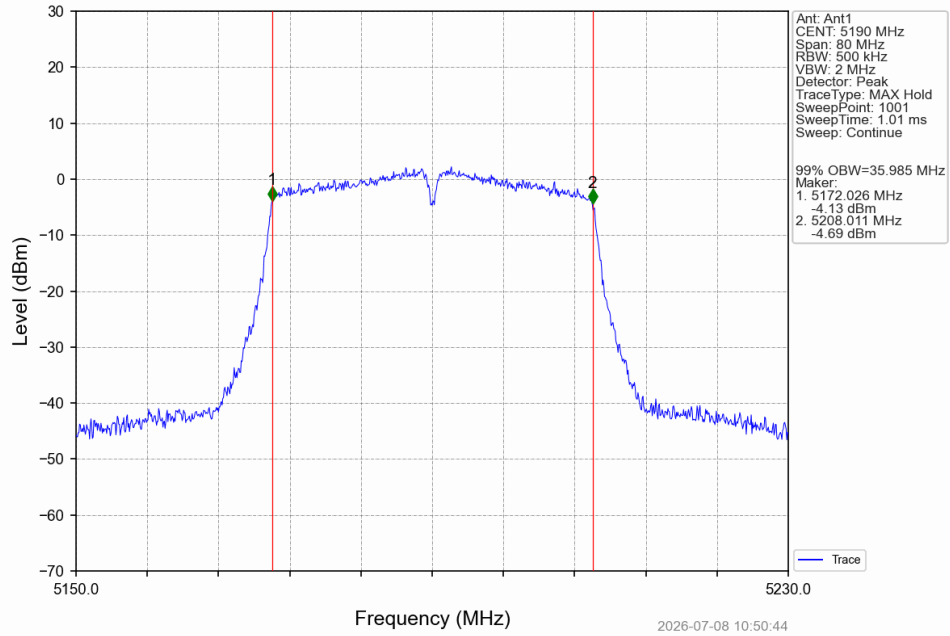


802.11n(HT20)_HCH_5240MHz_Ant7_NTNV

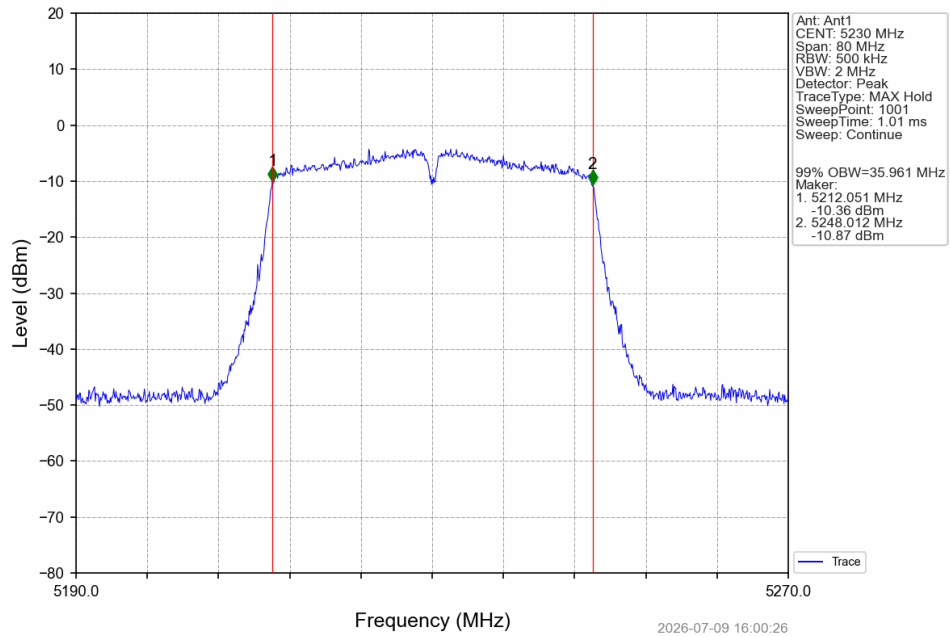


Test Report No.: RF260703B007

802.11n(HT40)_LCH_5190MHz_Ant7_NTNV

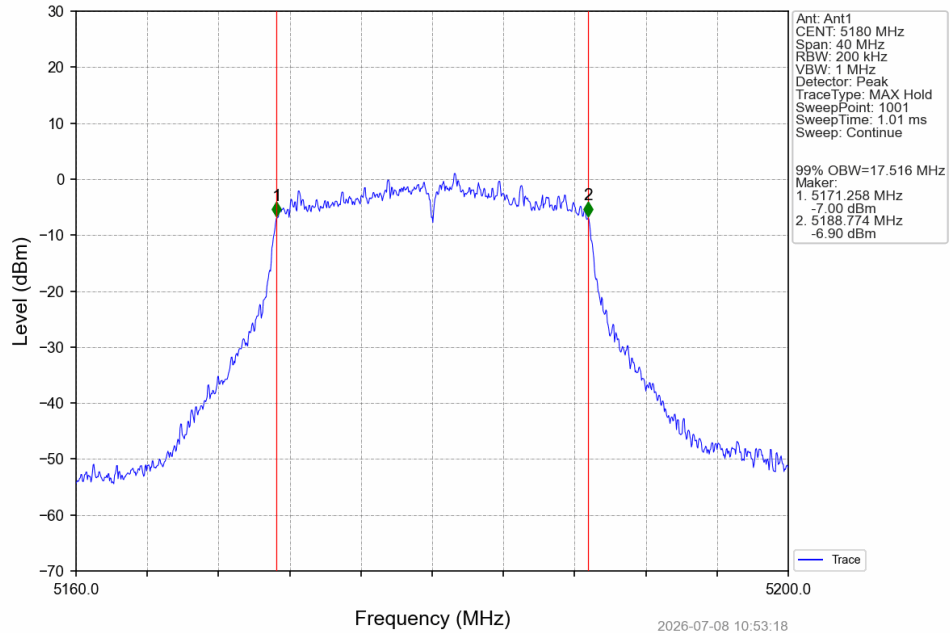


802.11n(HT40)_HCH_5230MHz_Ant7_NTNV

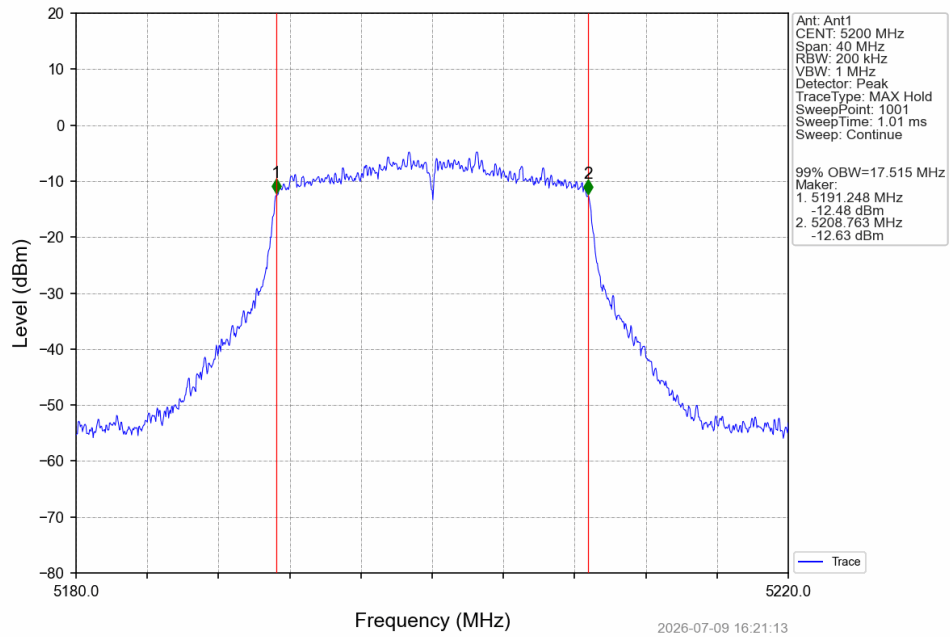


Test Report No.: RF260703B007

802.11ac(VHT20)_LCH_5180MHz_Ant7_NTNV

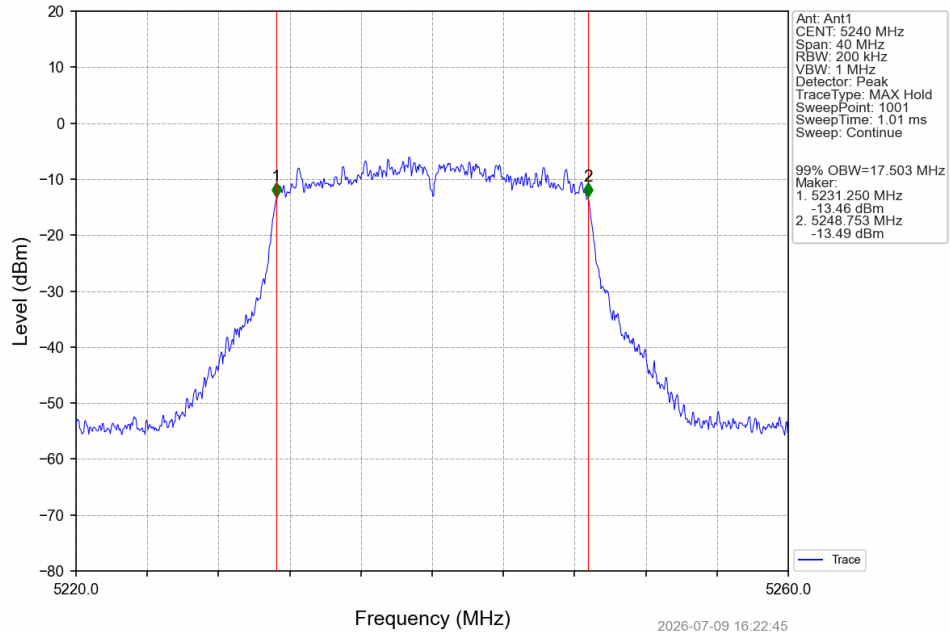


802.11ac(VHT20)_MCH_5200MHz_Ant7_NTNV

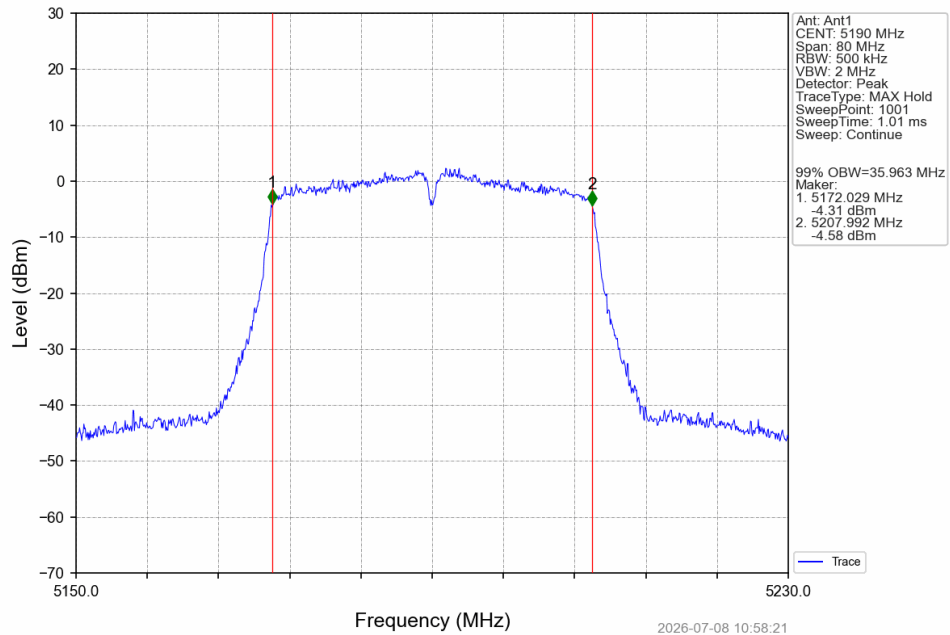


Test Report No.: RF260703B007

802.11ac(VHT20)_HCH_5240MHz_Ant7_NTNV

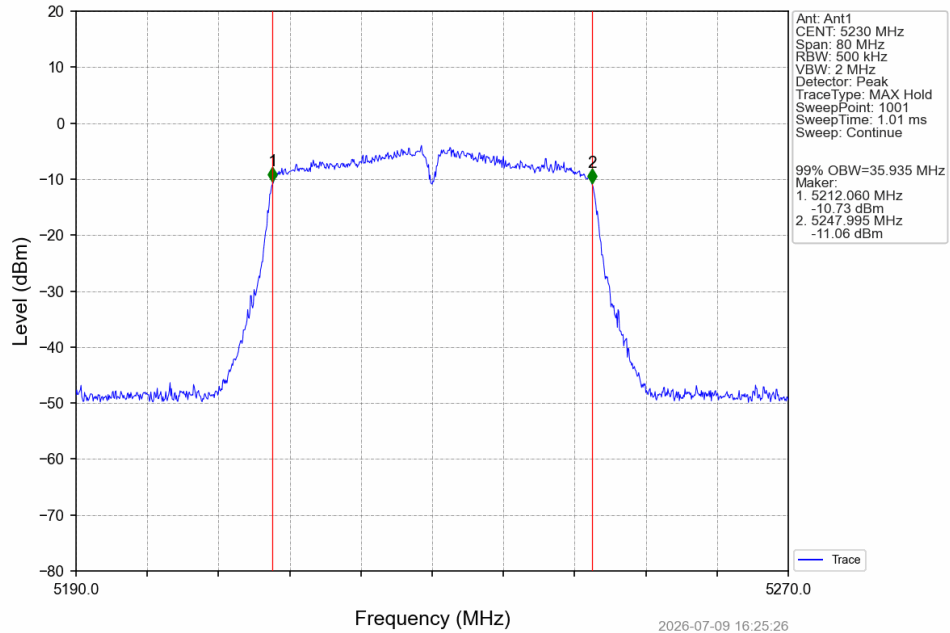


802.11ac(VHT40)_LCH_5190MHz_Ant7_NTNV

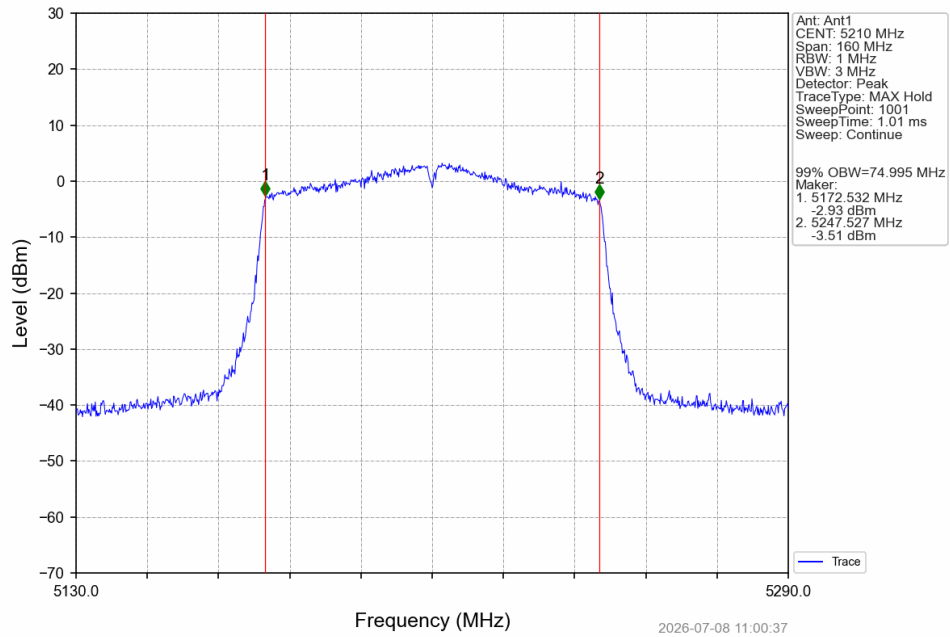


Test Report No.: RF260703B007

802.11ac(VHT40)_HCH_5230MHz_Ant7_NTNV

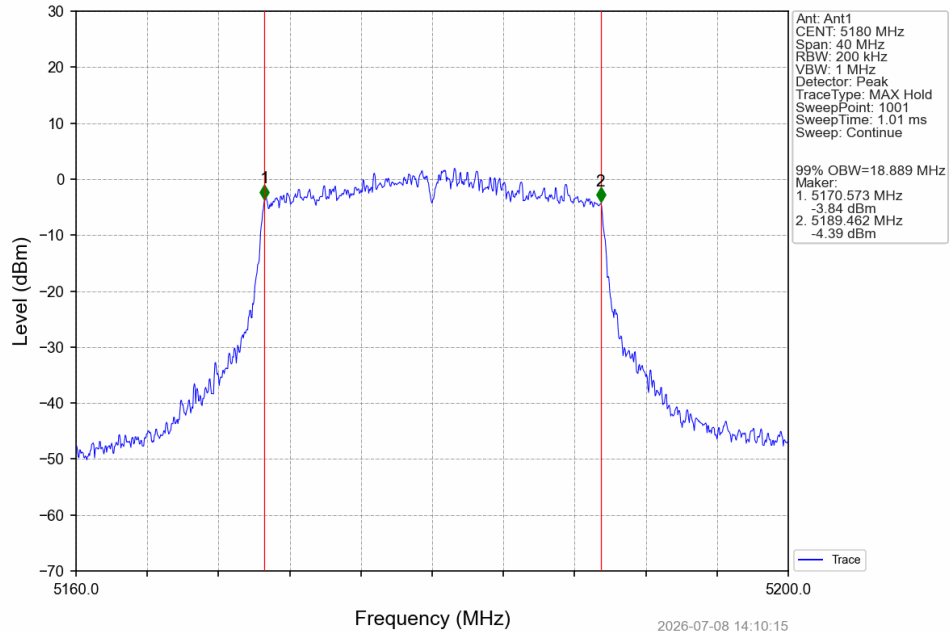


802.11ac(VHT80)_MCH_5210MHz_Ant7_NTNV

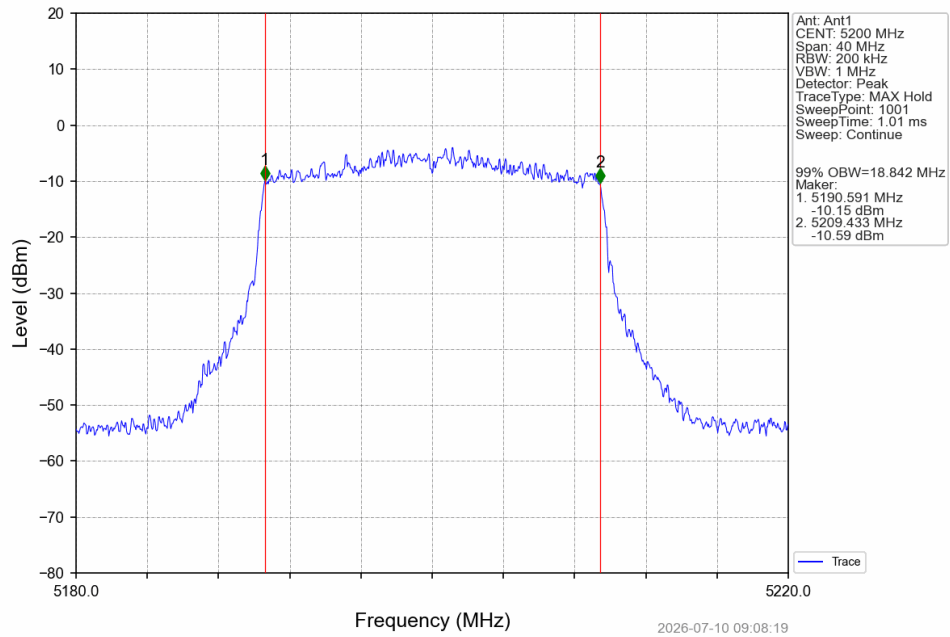


Test Report No.: RF260703B007

802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant7_NTNV

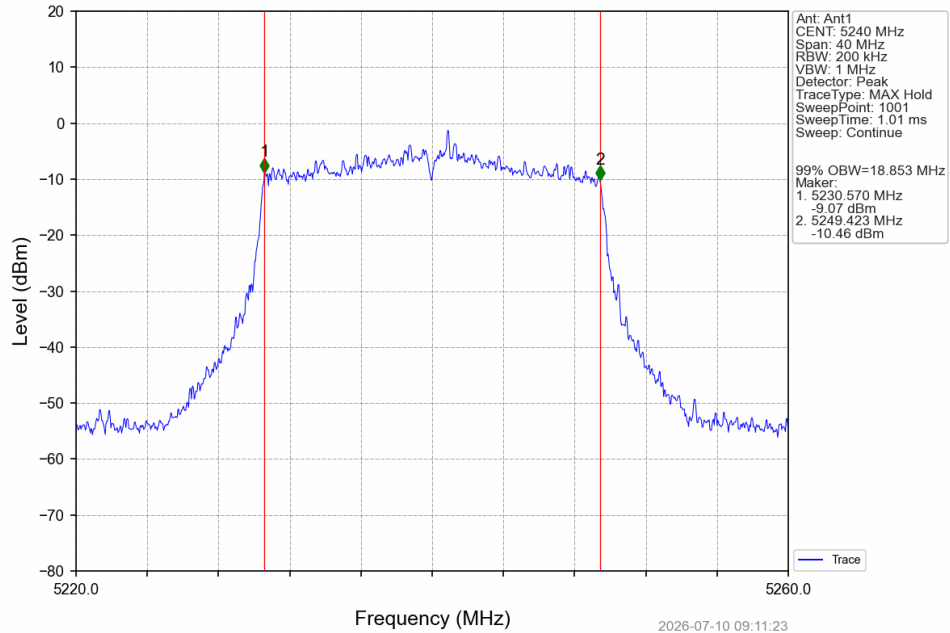


802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant7_NTNV

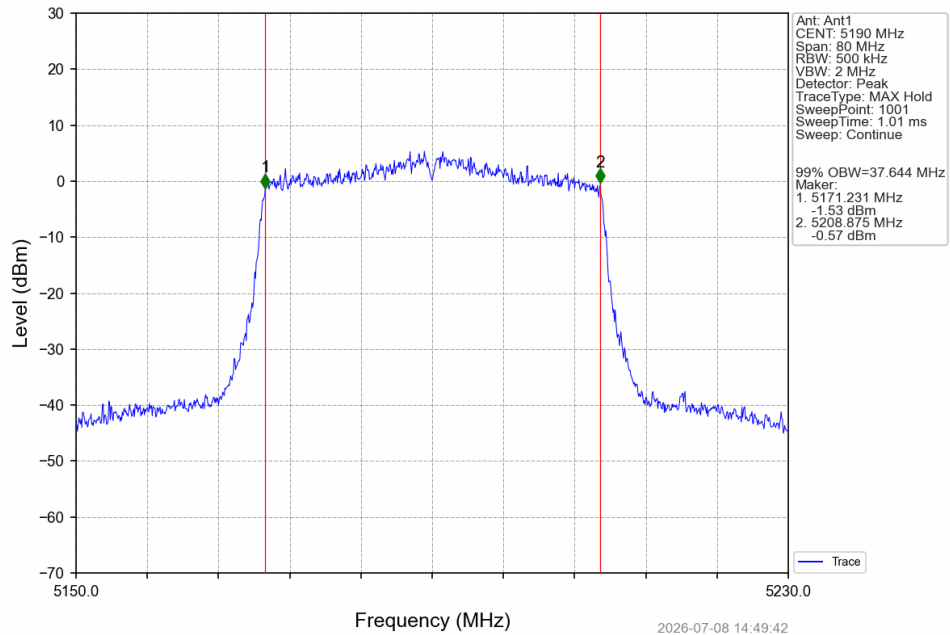


Test Report No.: RF260703B007

802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant7_NTNV

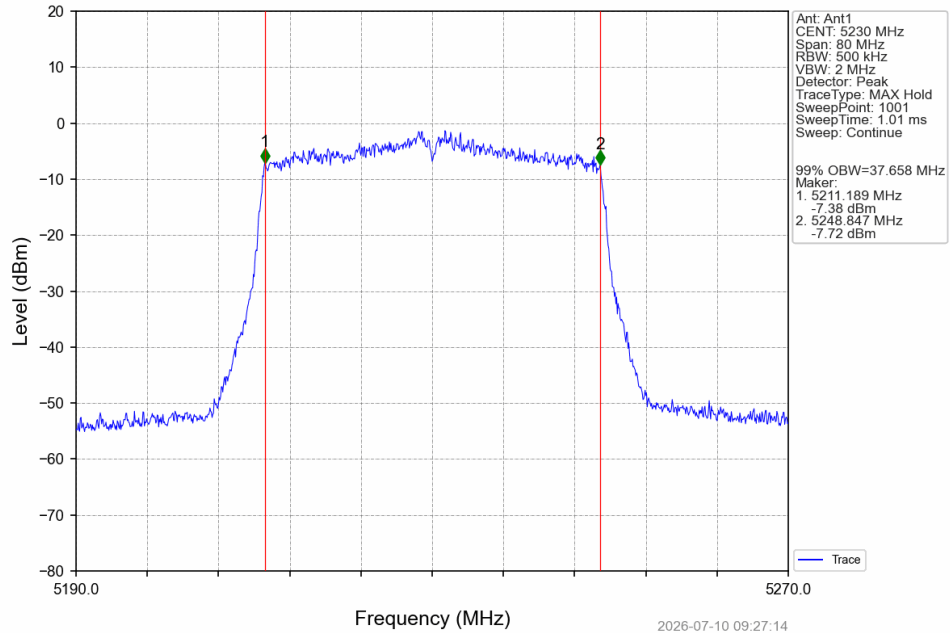


802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant7_NTNV

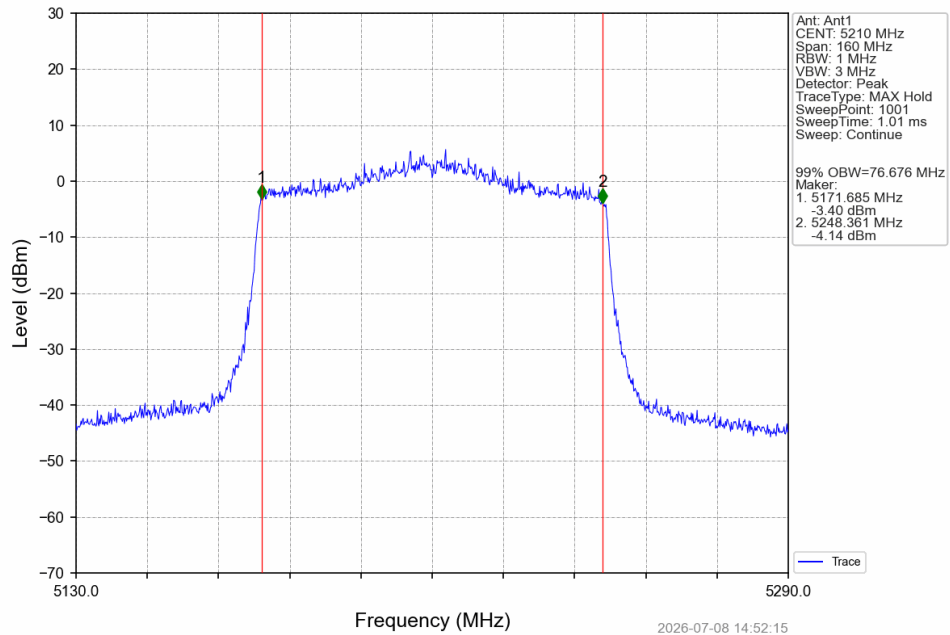


Test Report No.: RF260703B007

802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant7_NTNV

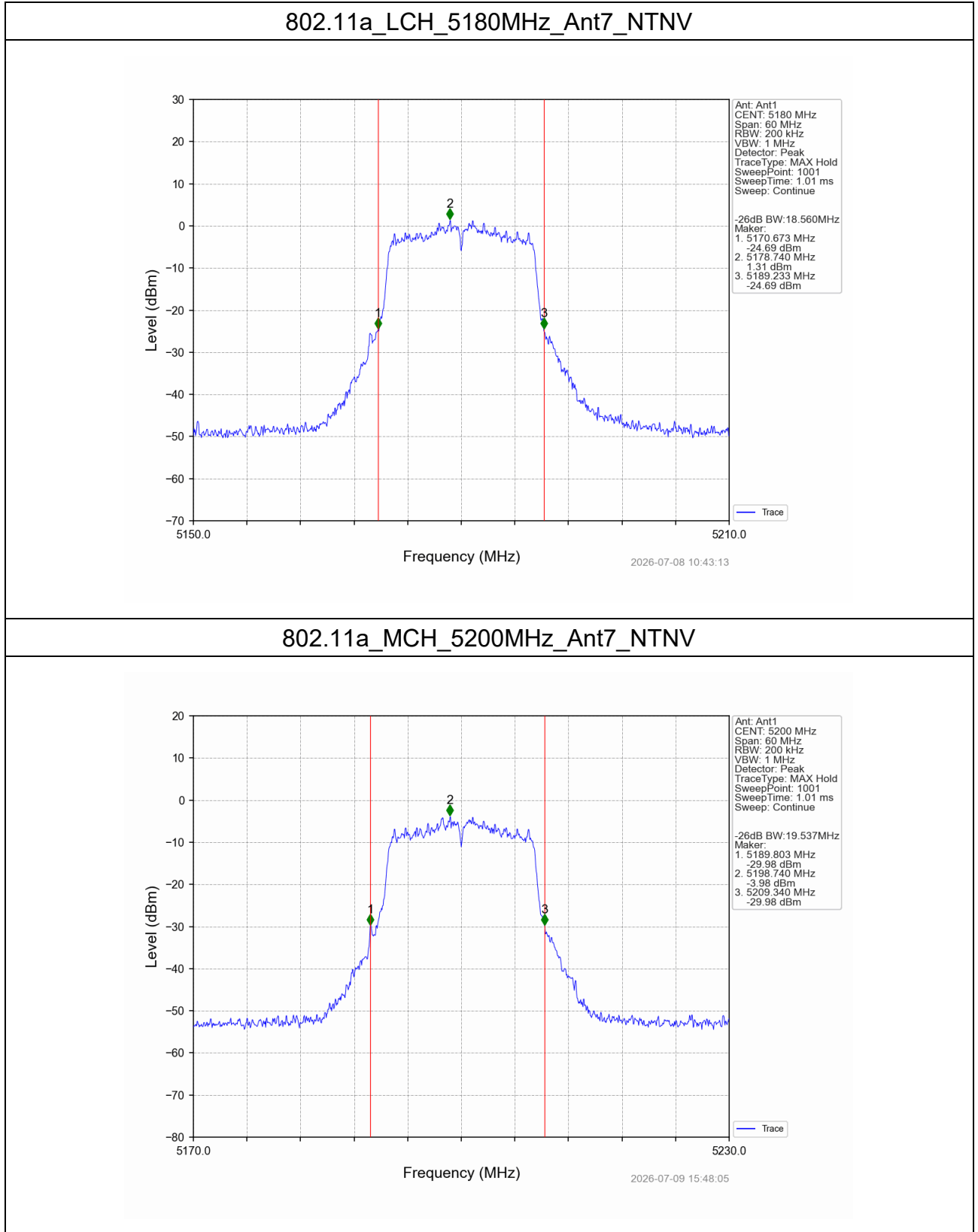


802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant7_NTNV



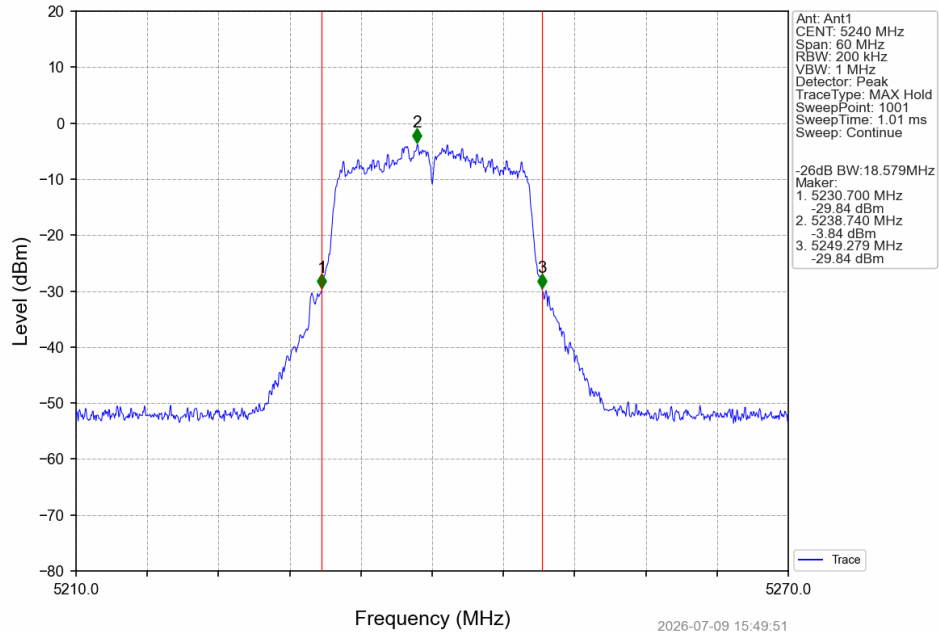
Test Report No.: RF260703B007

2.2.2 26dB BW

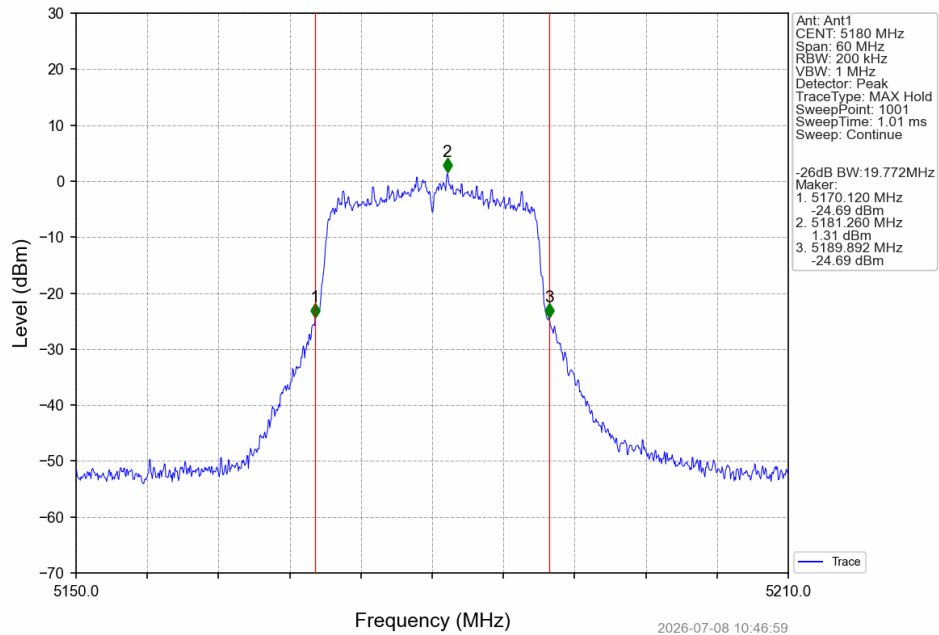


Test Report No.: RF260703B007

802.11a_HCH_5240MHz_Ant7_NTNV

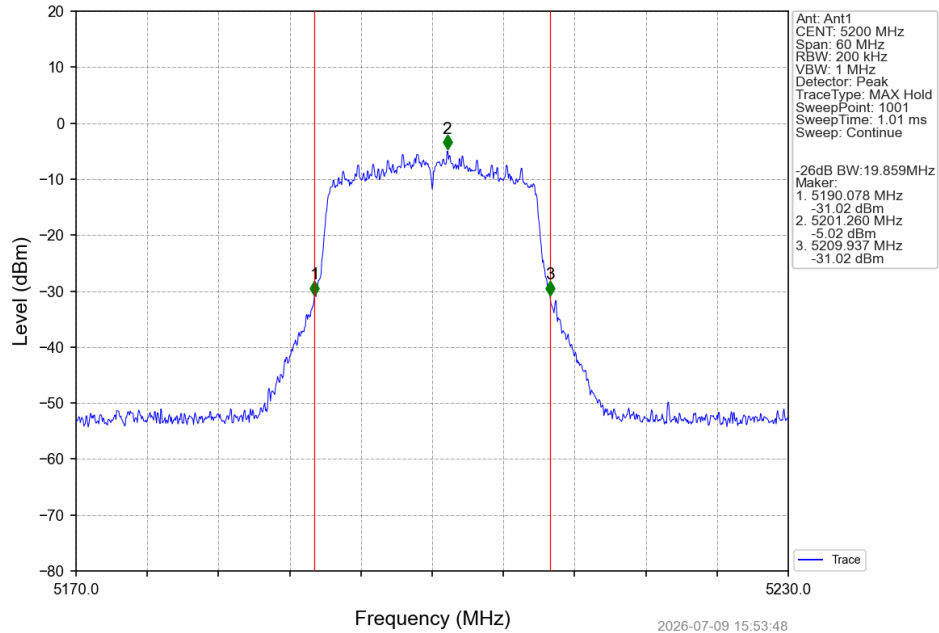


802.11n(HT20)_LCH_5180MHz_Ant7_NTNV

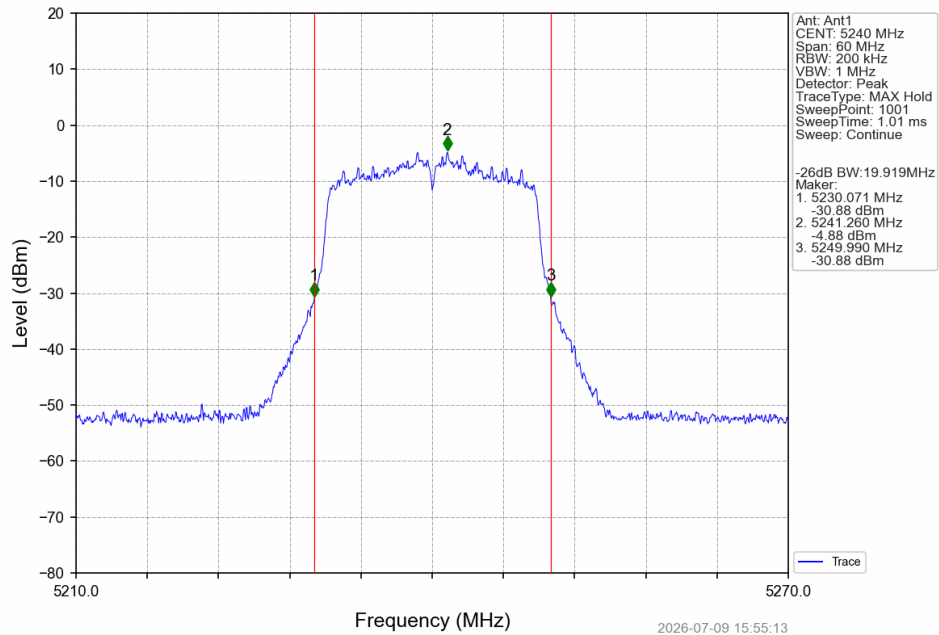


Test Report No.: RF260703B007

802.11n(HT20)_MCH_5200MHz_Ant7_NTNV

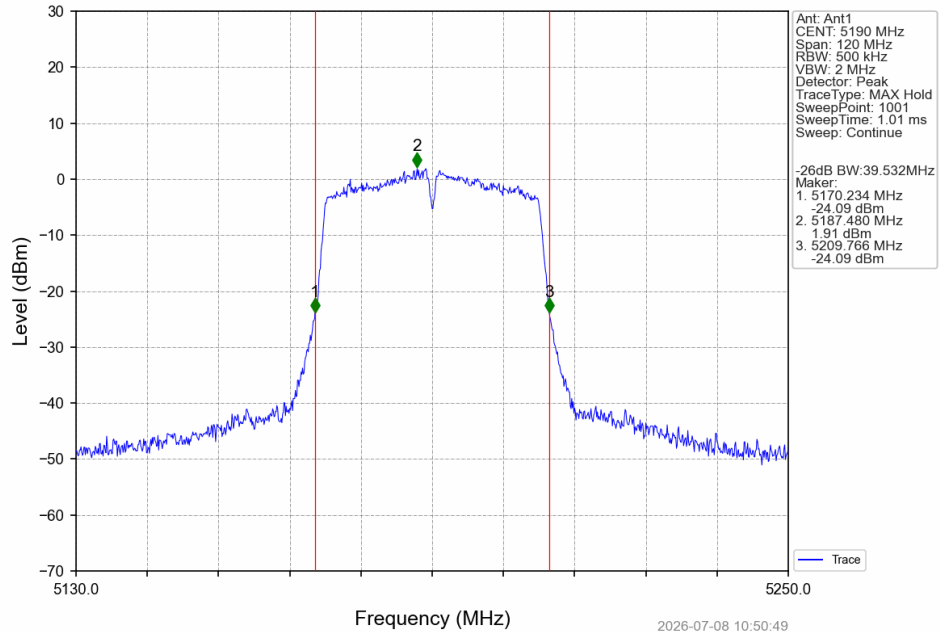


802.11n(HT20)_HCH_5240MHz_Ant7_NTNV

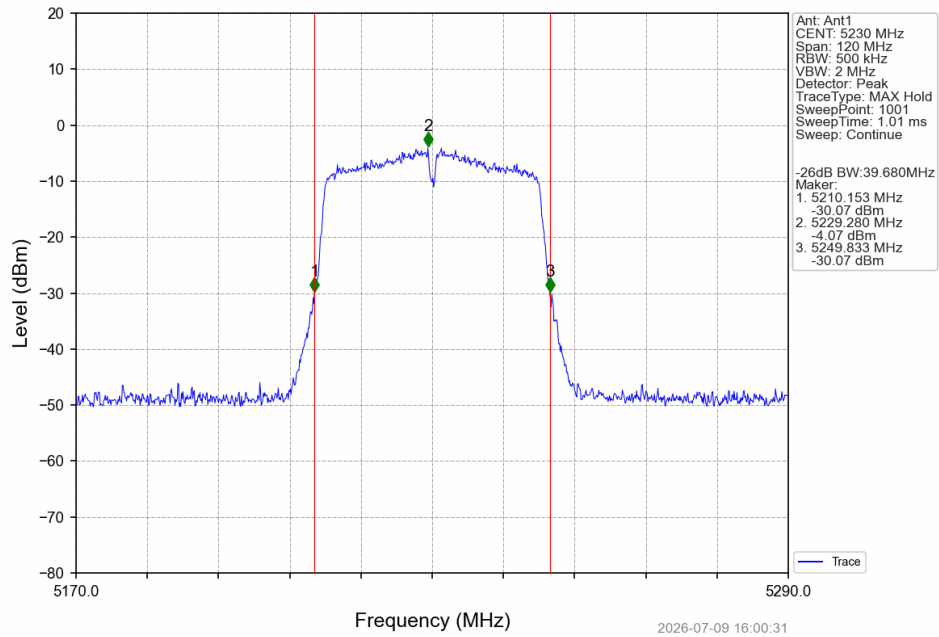


Test Report No.: RF260703B007

802.11n(HT40)_LCH_5190MHz_Ant7_NTNV

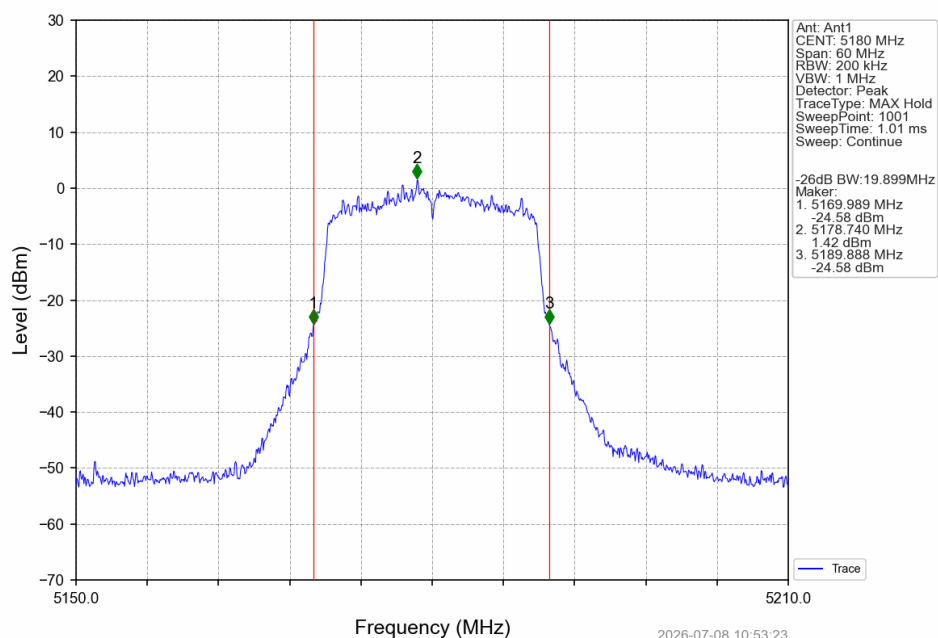


802.11n(HT40)_HCH_5230MHz_Ant7_NTNV

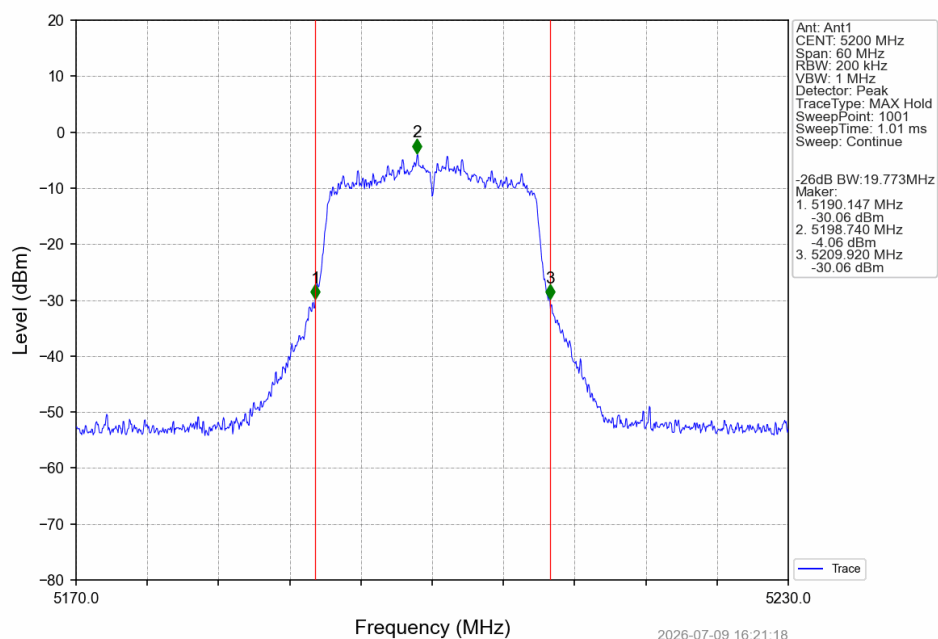


Test Report No.: RF260703B007

802.11ac(VHT20)_LCH_5180MHz_Ant7_NTNV

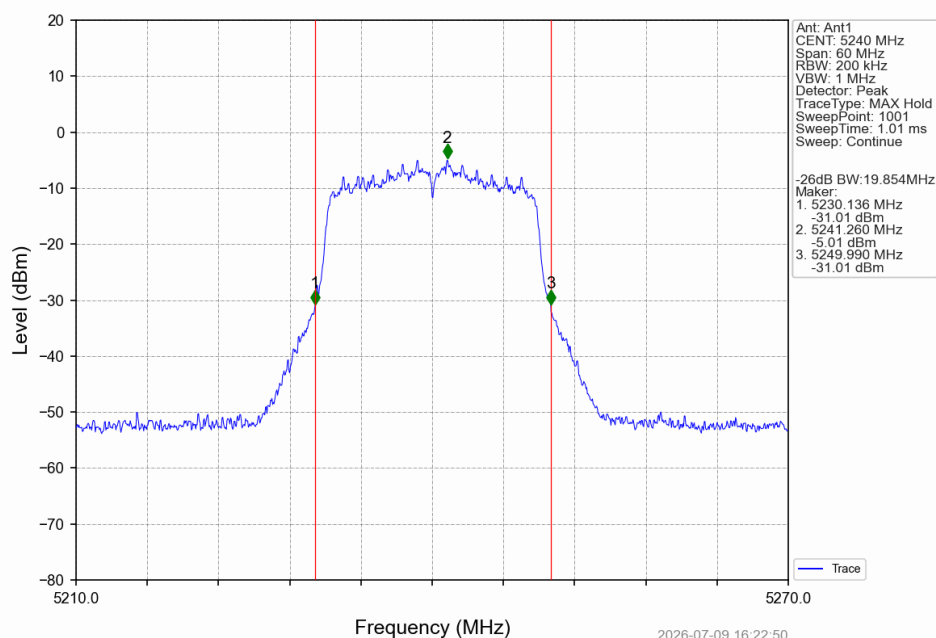


802.11ac(VHT20)_MCH_5200MHz_Ant7_NTNV

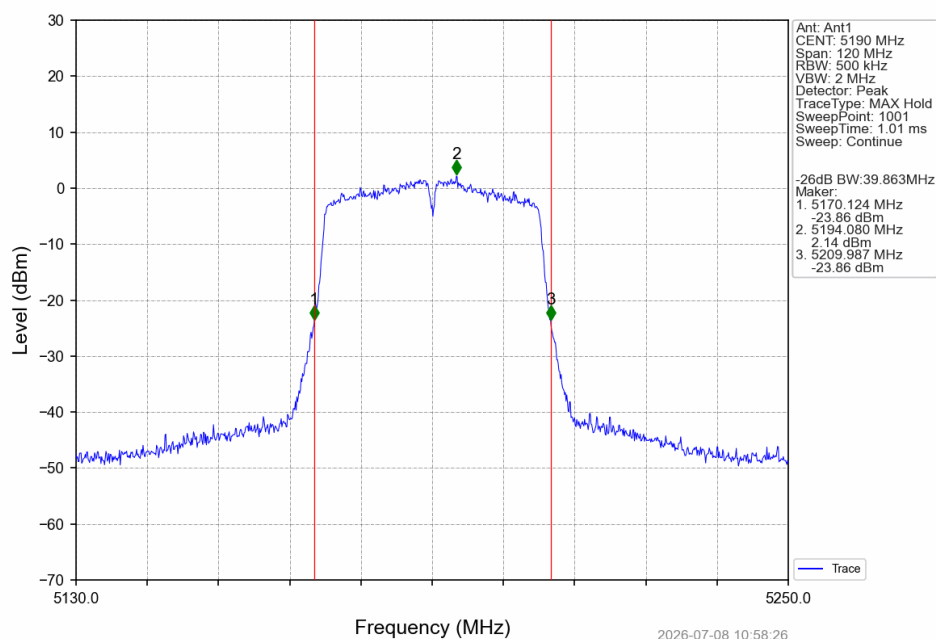


Test Report No.: RF260703B007

802.11ac(VHT20)_HCH_5240MHz_Ant7_NTNV

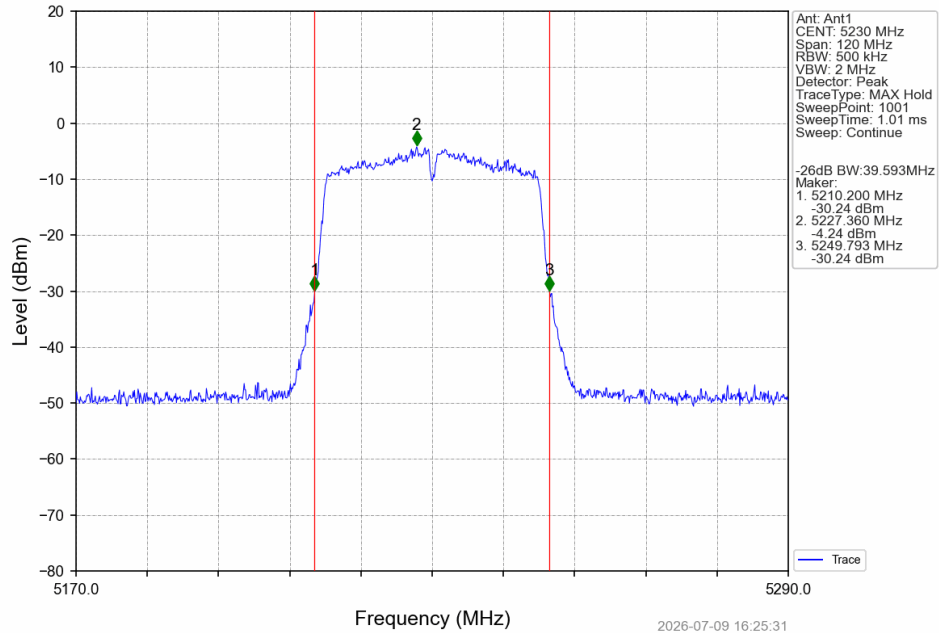


802.11ac(VHT40)_LCH_5190MHz_Ant7_NTNV

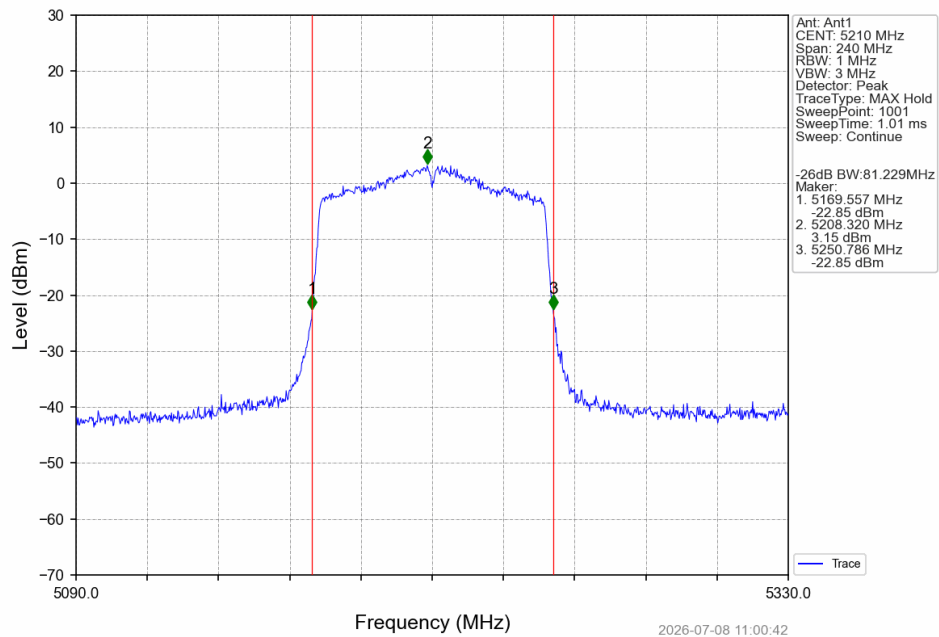


Test Report No.: RF260703B007

802.11ac(VHT40)_HCH_5230MHz_Ant7_NTNV

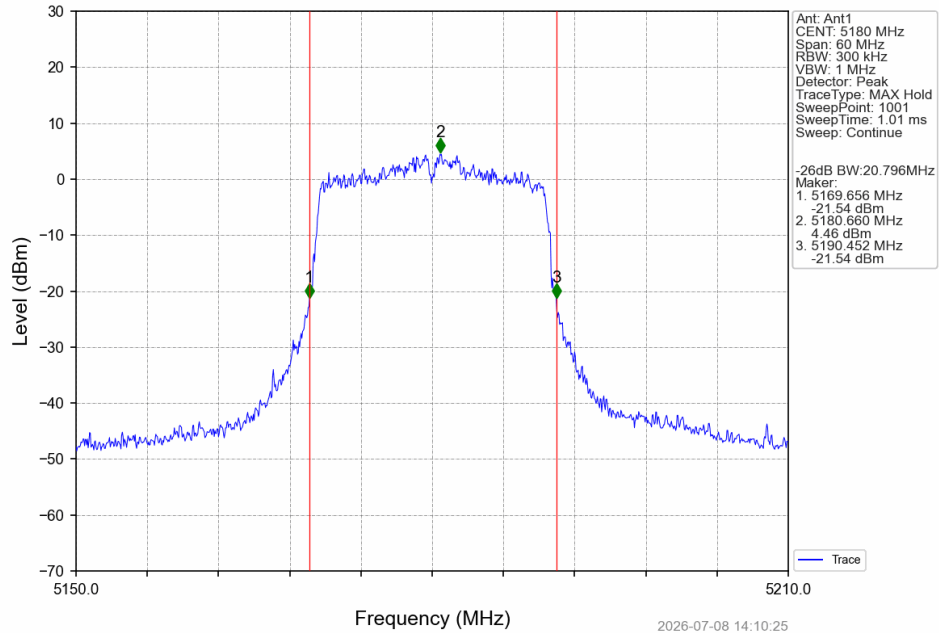


802.11ac(VHT80)_MCH_5210MHz_Ant7_NTNV

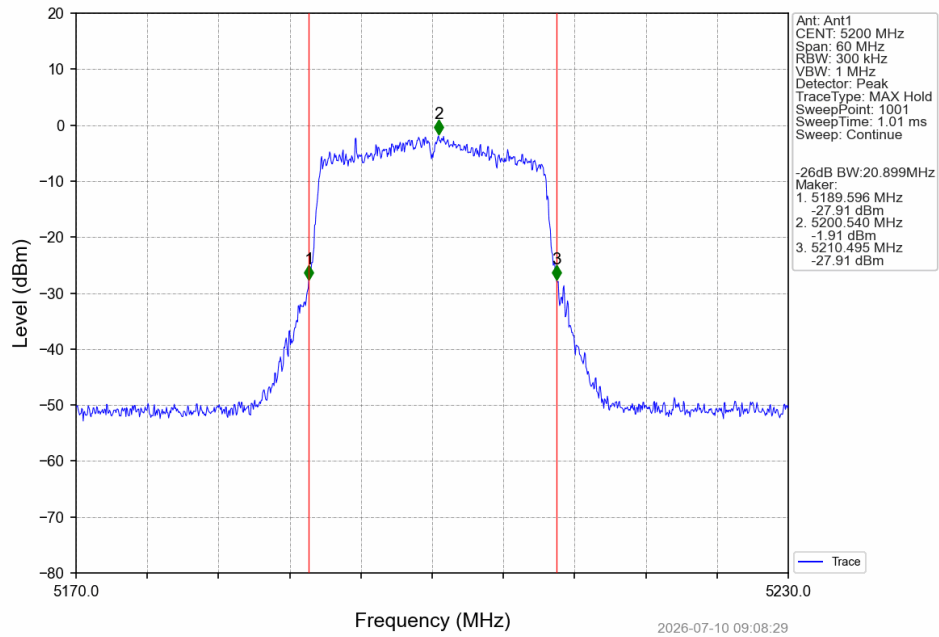


Test Report No.: RF260703B007

802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant7_NTNV

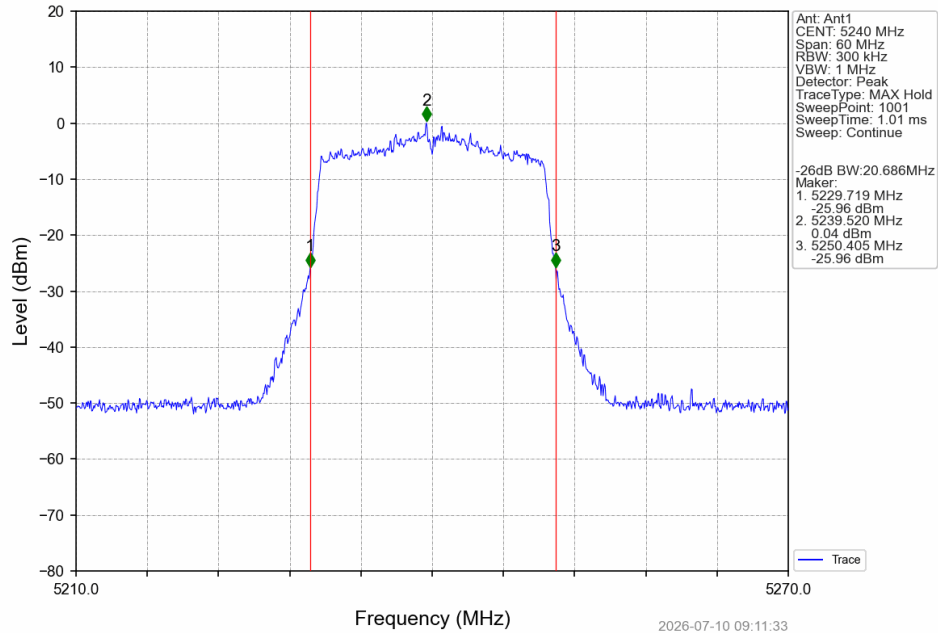


802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant7_NTNV

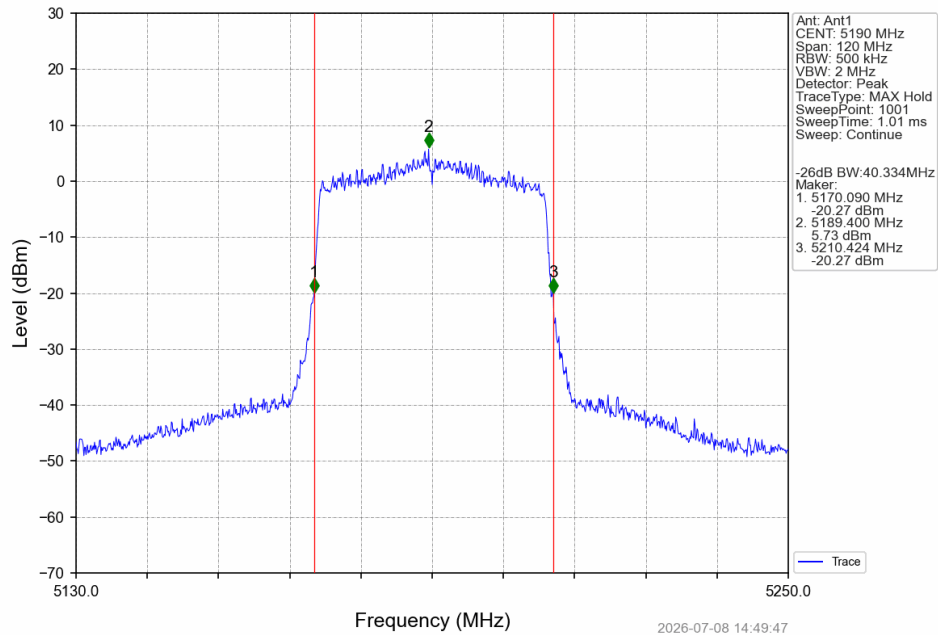


Test Report No.: RF260703B007

802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant7_NTNV

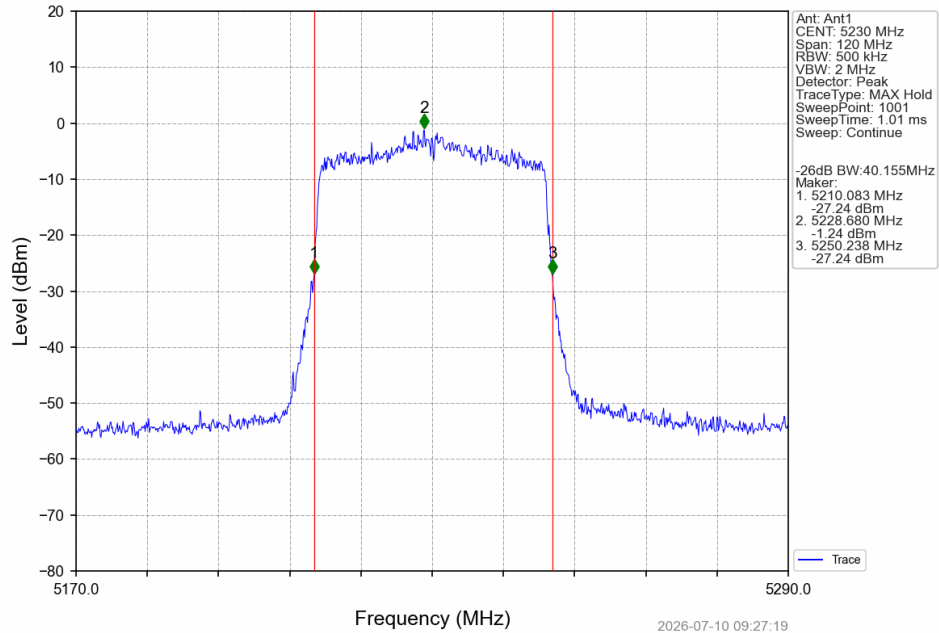


802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant7_NTNV

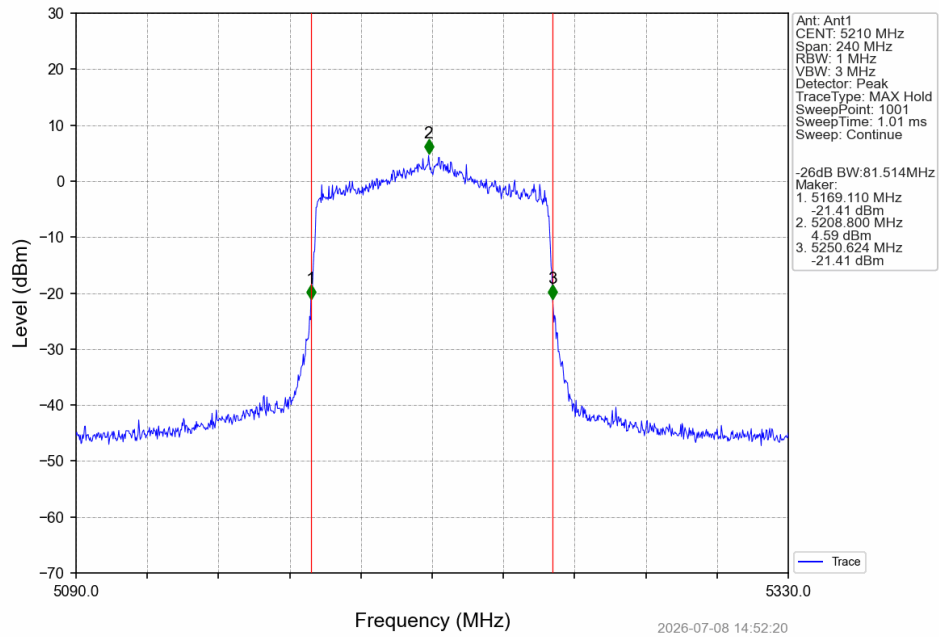


Test Report No.: RF260703B007

802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant7_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant7_NTNV



Test Report No.: RF260703B007

3. Maximum Conducted Output Power

3.1 TEST RESULT

3.1.1 POWER

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT7	Limit	
802.11a	SISO	5180	/	/	9.41	<=23.98	Pass
		5200	/	/	9.41	<=23.98	Pass
		5240	/	/	9.34	<=23.98	Pass
802.11n (HT20)	SISO	5180	/	/	9.09	<=23.98	Pass
		5200	/	/	9.02	<=23.98	Pass
		5240	/	/	9.62	<=23.98	Pass
802.11n (HT40)	SISO	5190	/	/	9.93	<=23.98	Pass
		5230	/	/	9.82	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	/	/	9.02	<=23.98	Pass
		5200	/	/	9.51	<=23.98	Pass
		5240	/	/	9.56	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	/	/	9.87	<=23.98	Pass
		5230	/	/	9.72	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	/	/	9.59	<=23.98	Pass
802.11ax (HEW20)	SISO	5180	RU26	Left	0.32	<=23.98	Pass
				Mid	0.50	<=23.98	Pass
				Right	0.51	<=23.98	Pass
			RU52	Left	3.78	<=23.98	Pass
				Mid	3.78	<=23.98	Pass
				Right	3.84	<=23.98	Pass
			RU106	Left	3.78	<=23.98	Pass
				Right	3.86	<=23.98	Pass
			RU242	Left	9.93	<=23.98	Pass
		5200	RU26	Left	0.28	<=23.98	Pass
				Mid	0.55	<=23.98	Pass

Test Report No.: RF260703B007

				Right	0.49	≤ 23.98	Pass
				Left	3.73	≤ 23.98	Pass
			RU52	Mid	3.86	≤ 23.98	Pass
				Right	3.82	≤ 23.98	Pass
			RU106	Left	3.92	≤ 23.98	Pass
				Right	3.84	≤ 23.98	Pass
			RU242	Left	9.50	≤ 23.98	Pass
		5240	RU26	Left	0.31	≤ 23.98	Pass
				Mid	0.46	≤ 23.98	Pass
				Right	0.36	≤ 23.98	Pass
			RU52	Left	3.45	≤ 23.98	Pass
				Mid	3.47	≤ 23.98	Pass
				Right	3.37	≤ 23.98	Pass
			RU106	Left	3.50	≤ 23.98	Pass
				Right	3.54	≤ 23.98	Pass
			RU242	Left	9.94	≤ 23.98	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	9.33	≤ 23.98	Pass
		5230	RU484	Left	9.20	≤ 23.98	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	9.27	≤ 23.98	Pass
Note1: Antenna Gain: Ant7: -0.40dBi;							

4. Maximum Power Spectral Density

4.1 TEST RESULT

4.1.1 PSD

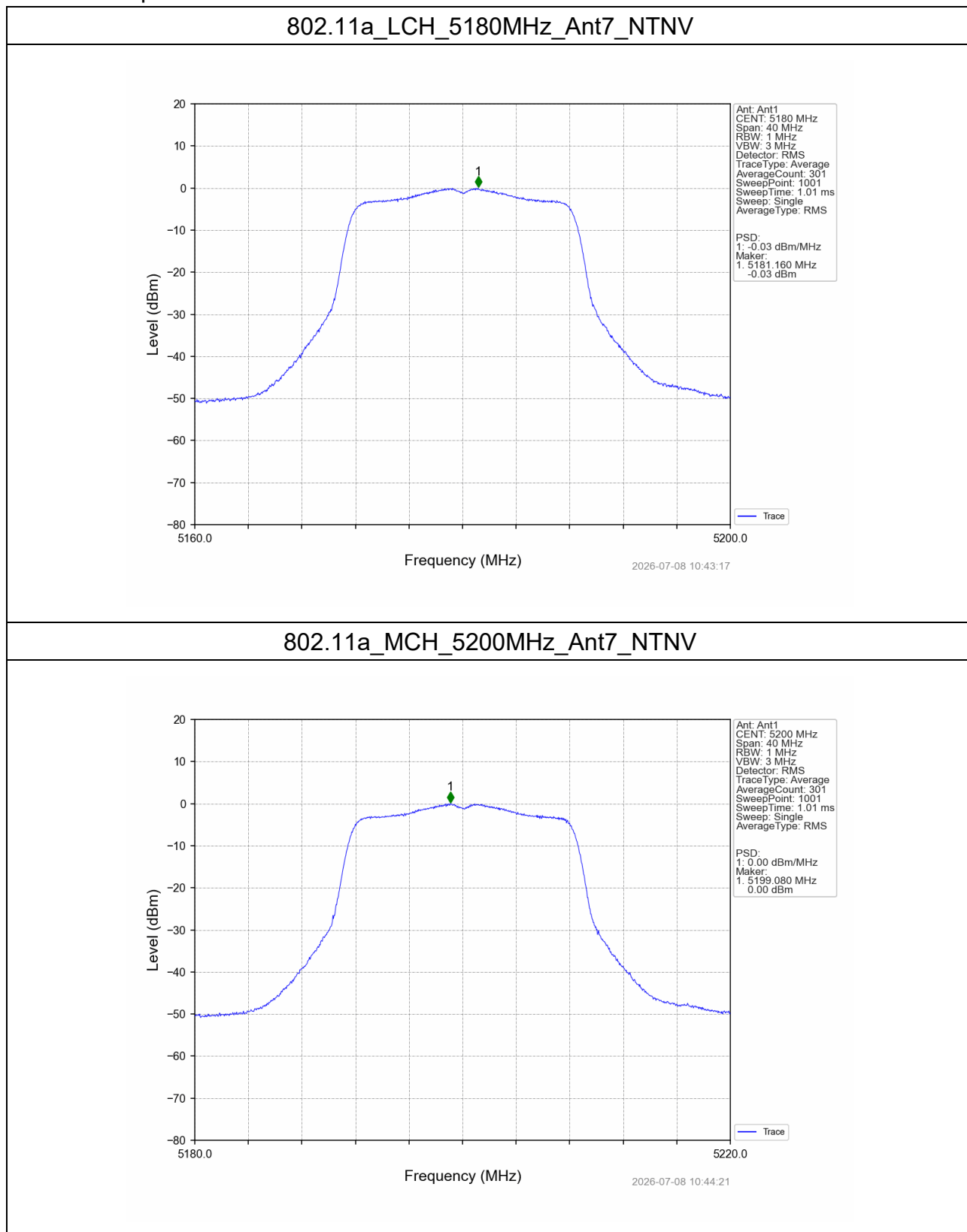
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT7	Limit	
802.11a	SISO	5180	/	/	-0.03	<=11	Pass
		5200	/	/	0.00	<=11	Pass
		5240	/	/	0.16	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-0.45	<=11	Pass
		5200	/	/	-0.67	<=11	Pass
		5240	/	/	-0.06	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-2.58	<=11	Pass
		5230	/	/	-2.68	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-0.65	<=11	Pass
		5200	/	/	-0.09	<=11	Pass
		5240	/	/	-0.06	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-2.57	<=11	Pass
		5230	/	/	-2.88	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-5.36	<=11	Pass
802.11ax (HEW20)	SISO	5180	RU26	Left	-1.25	<=11	Pass
				Mid	-2.74	<=11	Pass
				Right	-1.41	<=11	Pass
			RU52	Left	-0.93	<=11	Pass
				Mid	-1.31	<=11	Pass
				Right	-0.97	<=11	Pass
			RU106	Left	-3.94	<=11	Pass
				Right	-4.04	<=11	Pass
			RU242	Left	0.19	<=11	Pass
		5200	RU26	Left	-1.24	<=11	Pass
				Mid	-2.81	<=11	Pass
				Right	-2.77	<=11	Pass

Test Report No.: RF260703B007

			RU52	Left	-0.92	<=11	Pass
				Mid	-1.24	<=11	Pass
				Right	-1.09	<=11	Pass
			RU106	Left	-3.76	<=11	Pass
				Right	-4.04	<=11	Pass
			RU242	Left	-0.39	<=11	Pass
		5240	RU26	Left	-1.24	<=11	Pass
				Mid	-2.74	<=11	Pass
				Right	-1.39	<=11	Pass
			RU52	Left	-1.24	<=11	Pass
				Mid	-1.50	<=11	Pass
				Right	-1.40	<=11	Pass
			RU106	Left	-4.13	<=11	Pass
				Right	-4.40	<=11	Pass
			RU242	Left	0.06	<=11	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	-3.26	<=11	Pass
		5230	RU484	Left	-3.33	<=11	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	-5.69	<=11	Pass
Note1: Antenna Gain: Ant7: -0.40dBi;							

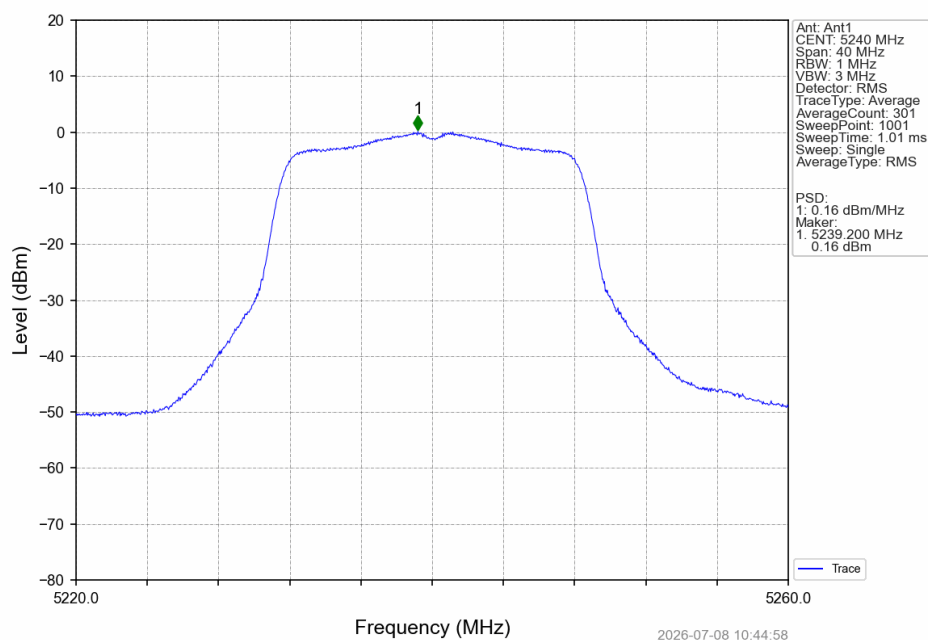
Test Report No.: RF260703B007

4.2 Test Graph

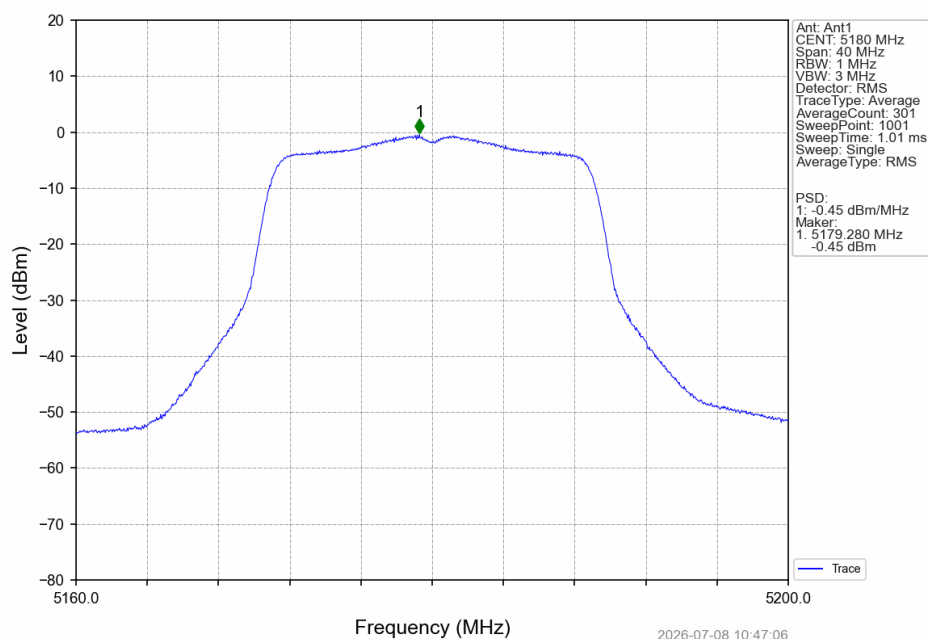


Test Report No.: RF260703B007

802.11a_HCH_5240MHz_Ant7_NTNV

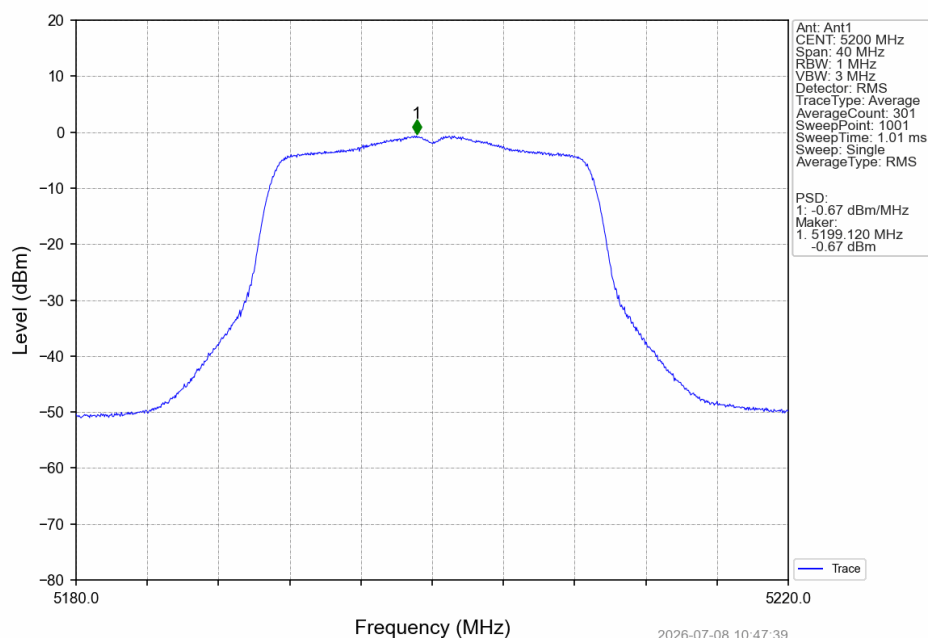


802.11n(HT20)_LCH_5180MHz_Ant7_NTNV

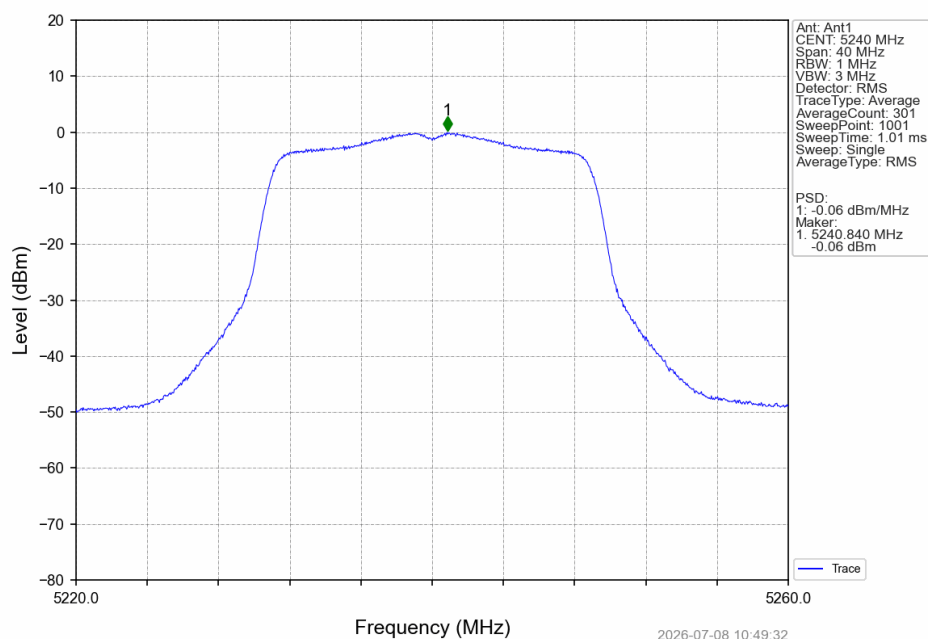


Test Report No.: RF260703B007

802.11n(HT20)_MCH_5200MHz_Ant7_NTNV

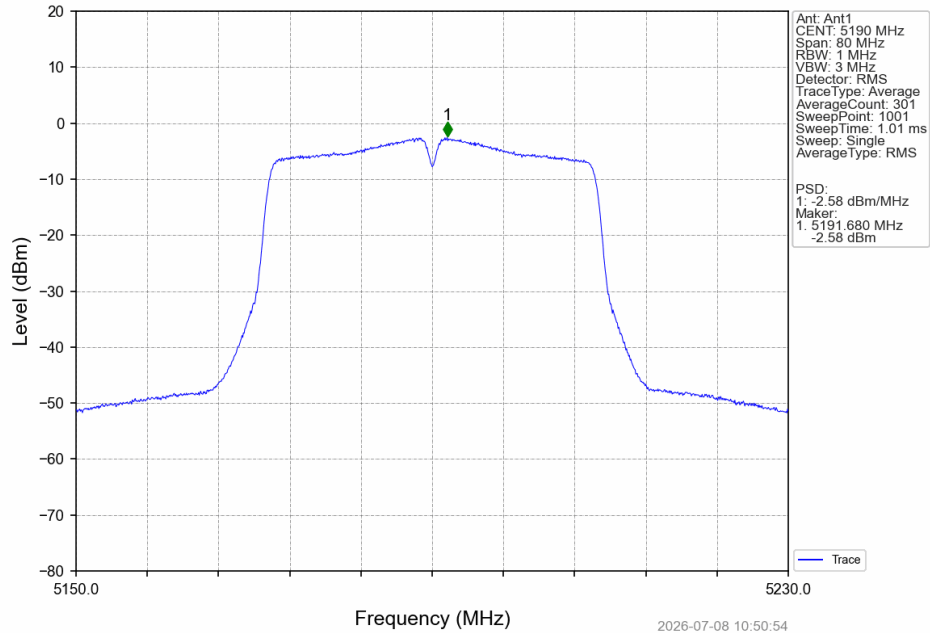


802.11n(HT20)_HCH_5240MHz_Ant7_NTNV

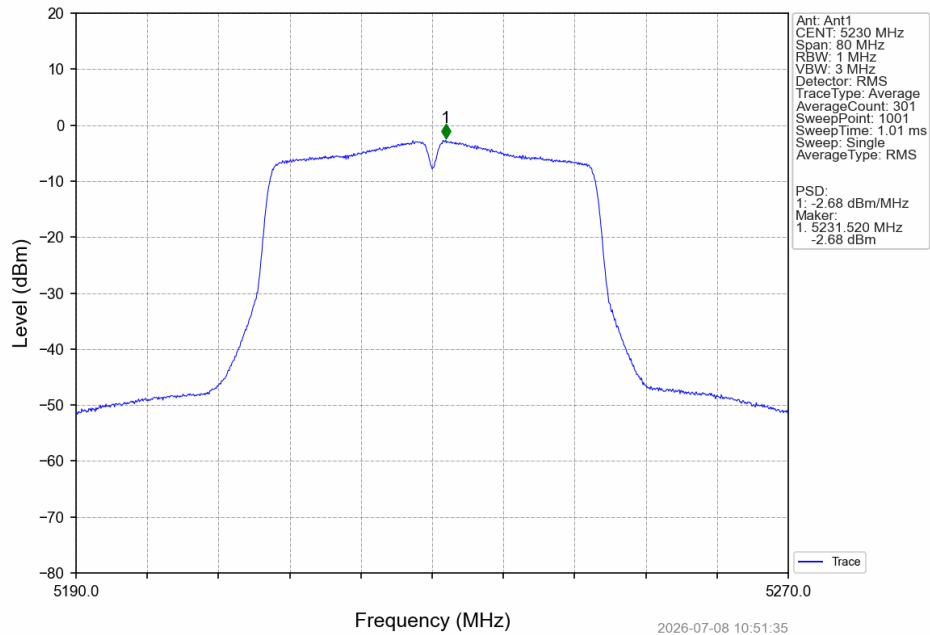


Test Report No.: RF260703B007

802.11n(HT40)_LCH_5190MHz_Ant7_NTNV

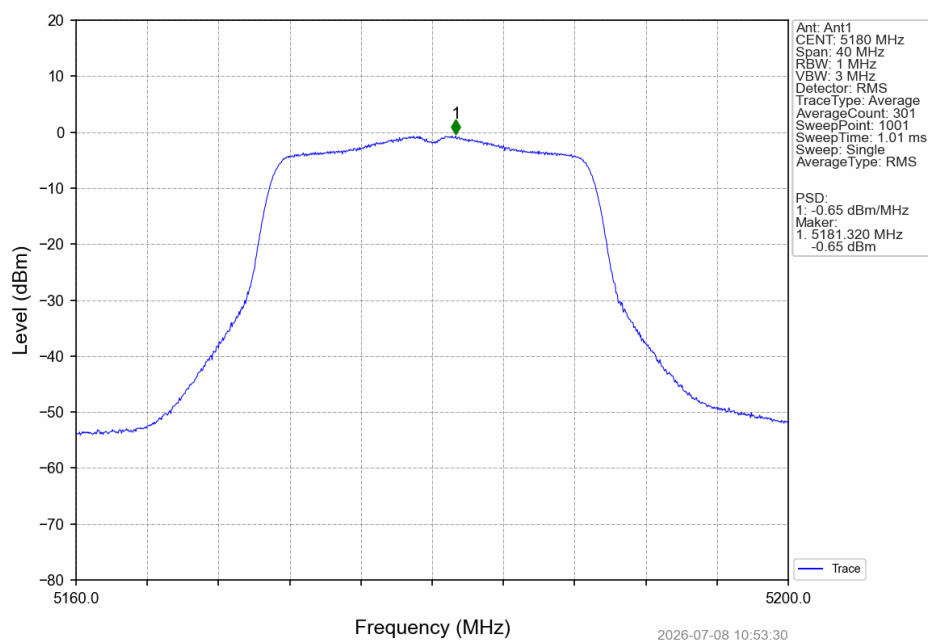


802.11n(HT40)_HCH_5230MHz_Ant7_NTNV

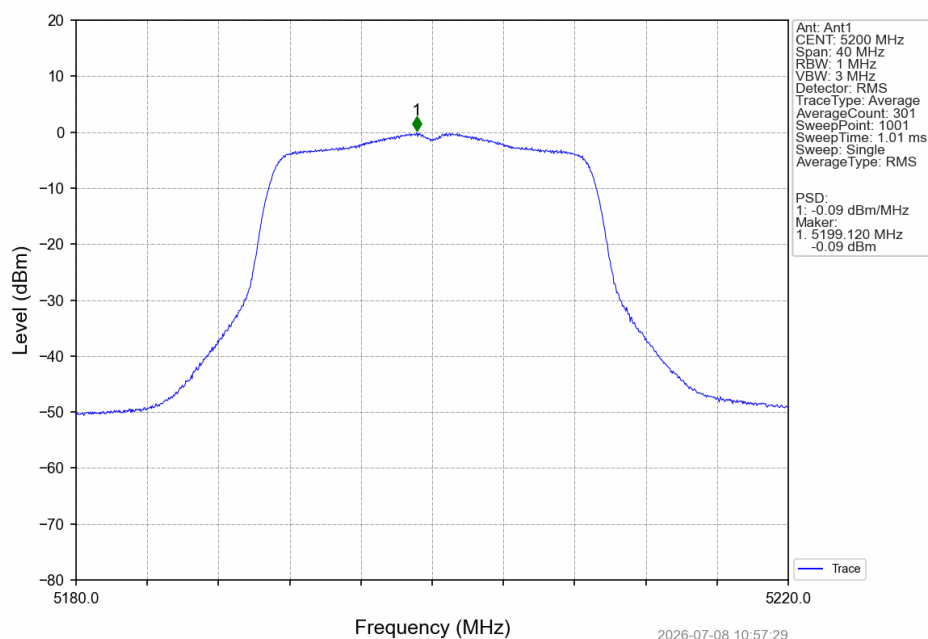


Test Report No.: RF260703B007

802.11ac(VHT20)_LCH_5180MHz_Ant7_NTNV

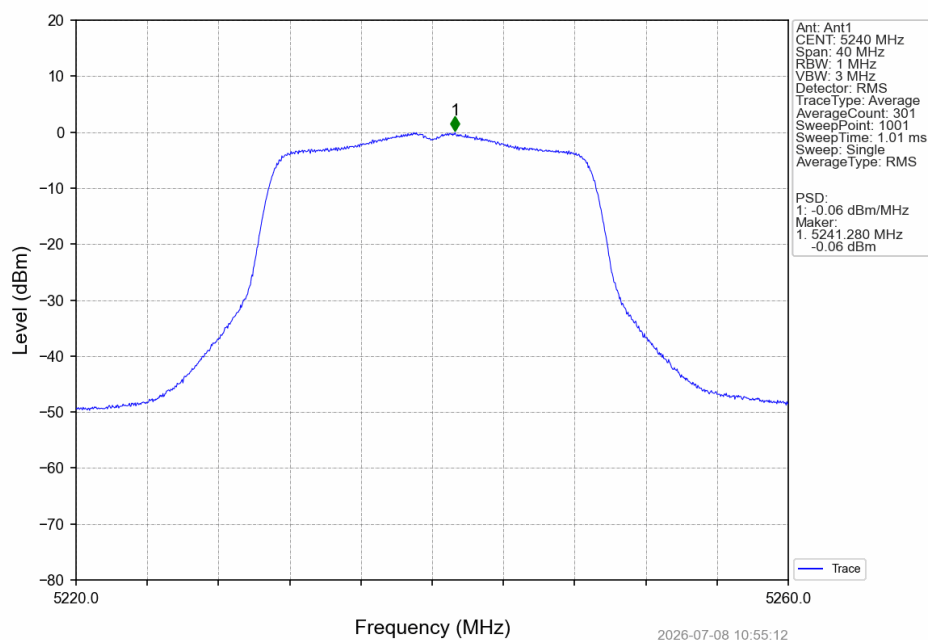


802.11ac(VHT20)_MCH_5200MHz_Ant7_NTNV

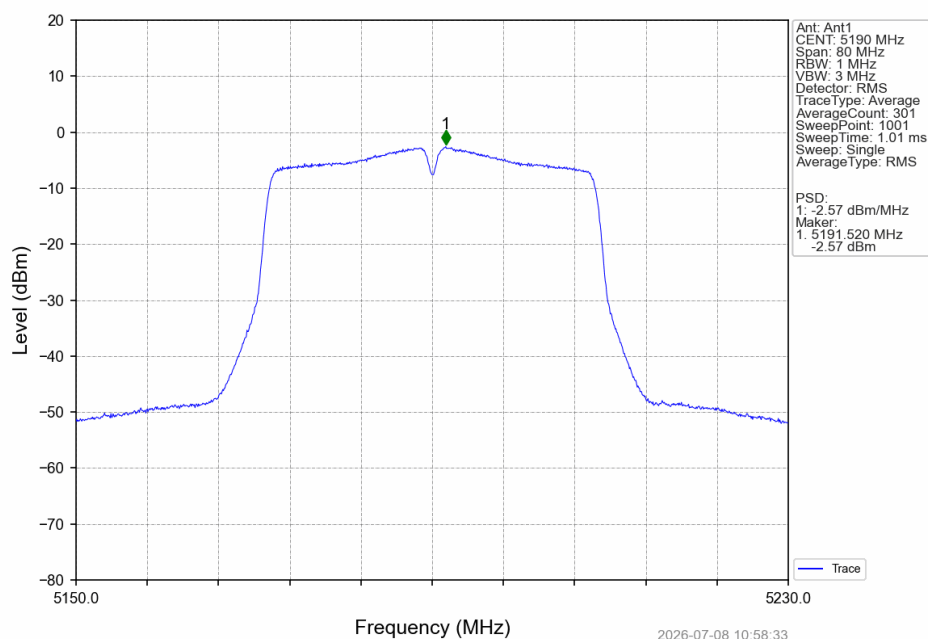


Test Report No.: RF260703B007

802.11ac(VHT20)_HCH_5240MHz_Ant7_NTNV

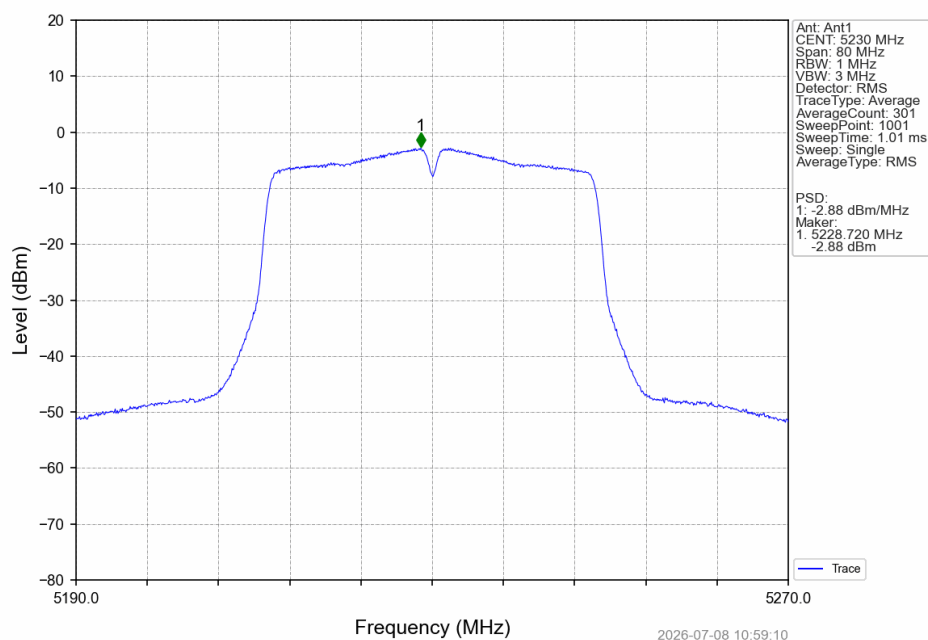


802.11ac(VHT40)_LCH_5190MHz_Ant7_NTNV

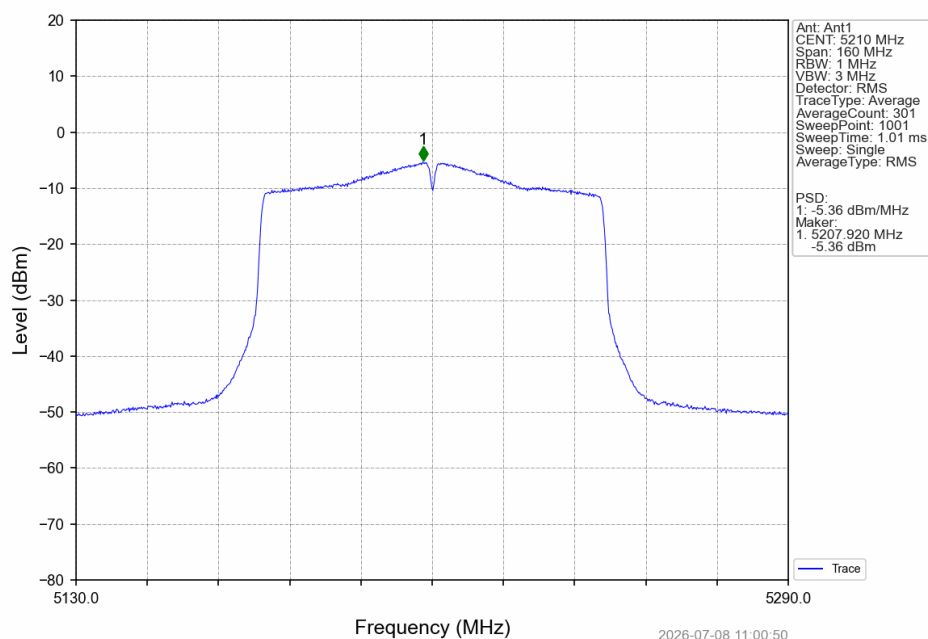


Test Report No.: RF260703B007

802.11ac(VHT40)_HCH_5230MHz_Ant7_NTNV

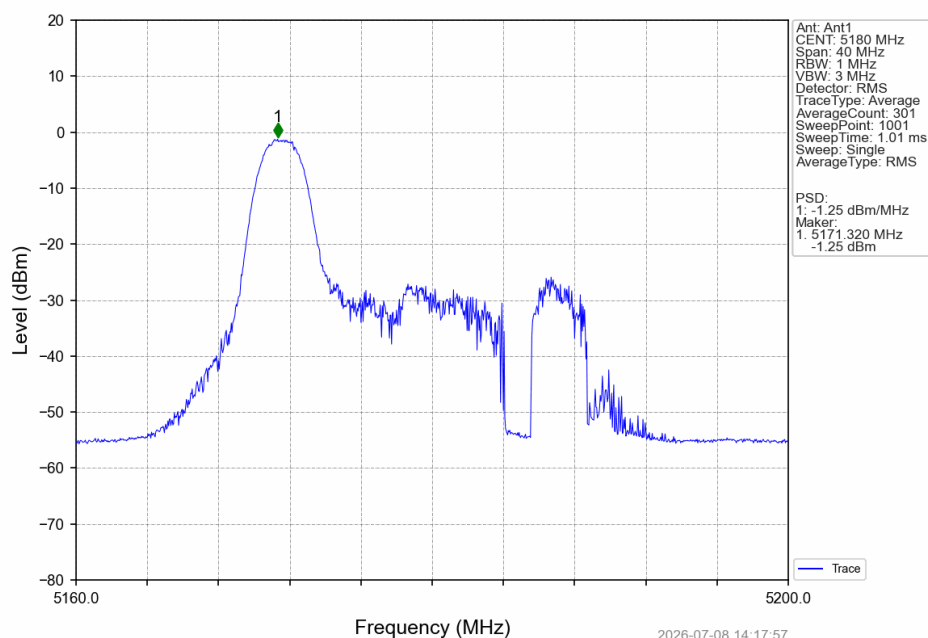


802.11ac(VHT80)_MCH_5210MHz_Ant7_NTNV

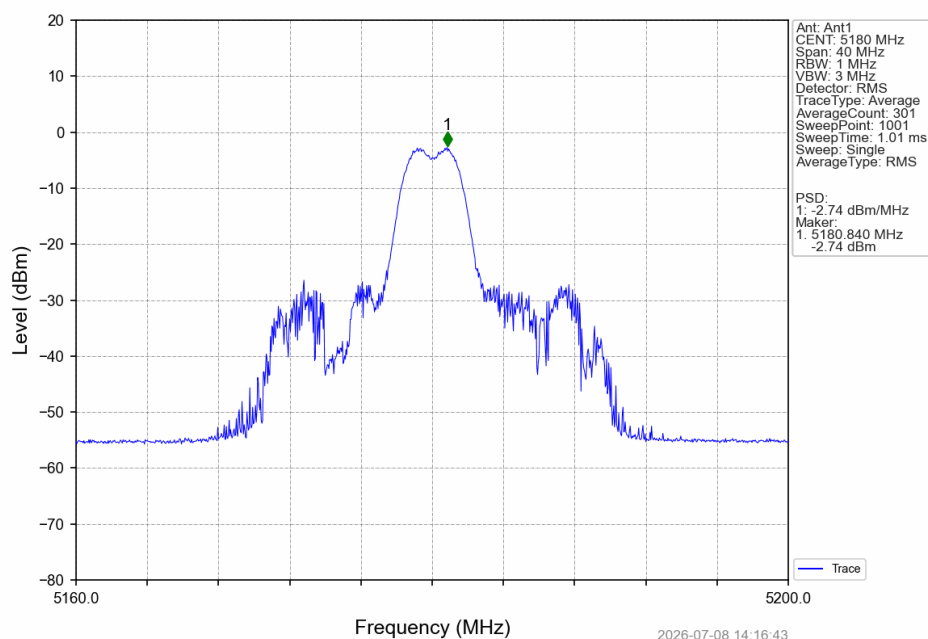


Test Report No.: RF260703B007

802.11ax(HEW20)_LCH_5180MHz_RU26_Left_Ant7_NTNV

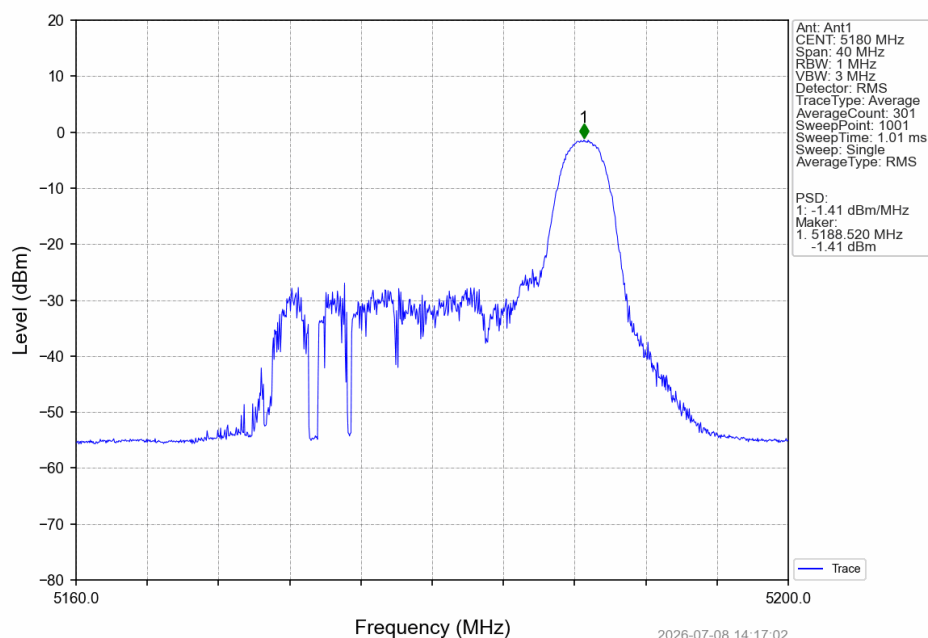


802.11ax(HEW20)_LCH_5180MHz_RU26_Mid_Ant7_NTNV

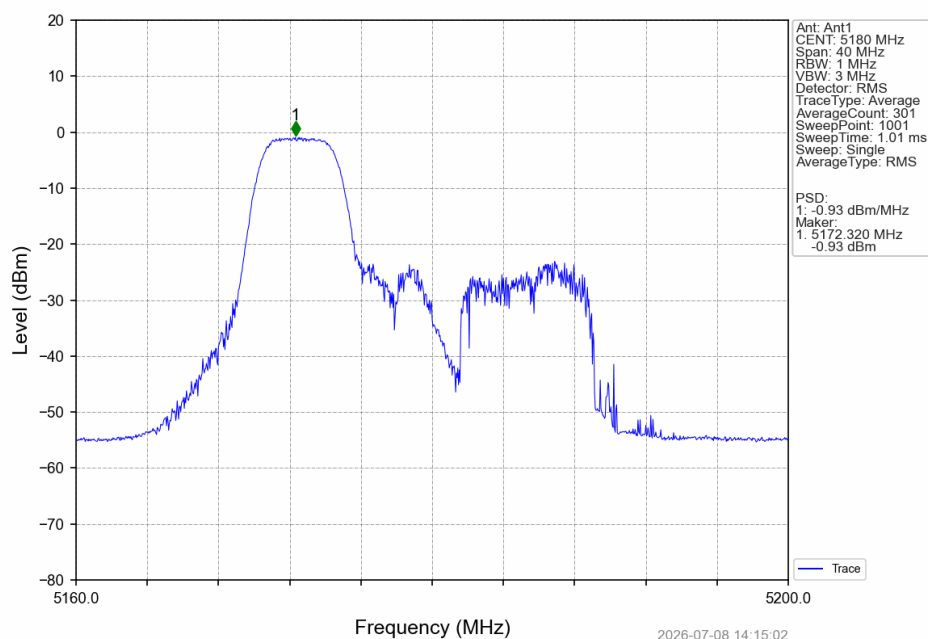


Test Report No.: RF260703B007

802.11ax(HEW20)_LCH_5180MHz_RU26_Right_Ant7_NTNV

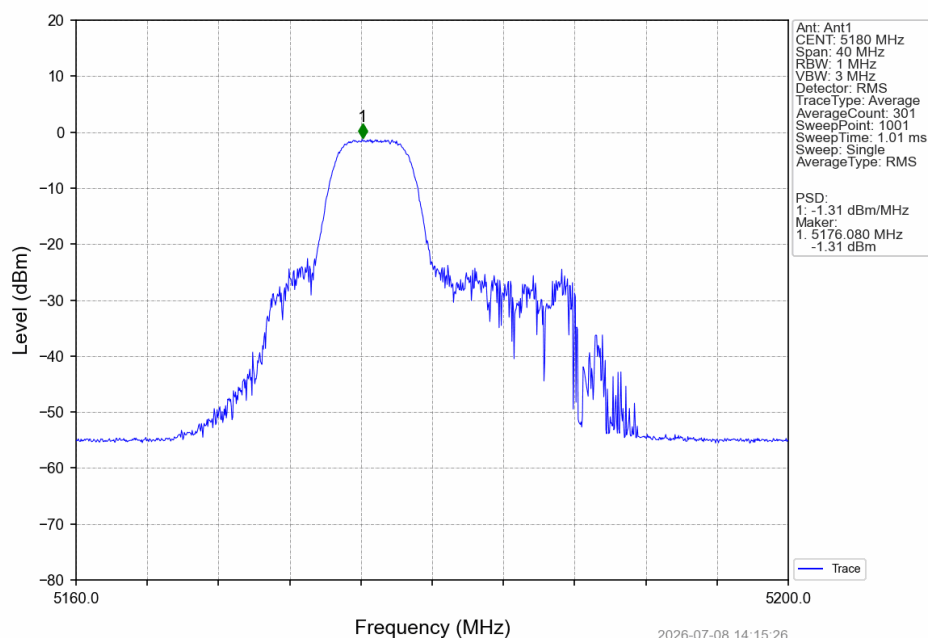


802.11ax(HEW20)_LCH_5180MHz_RU52_Left_Ant7_NTNV

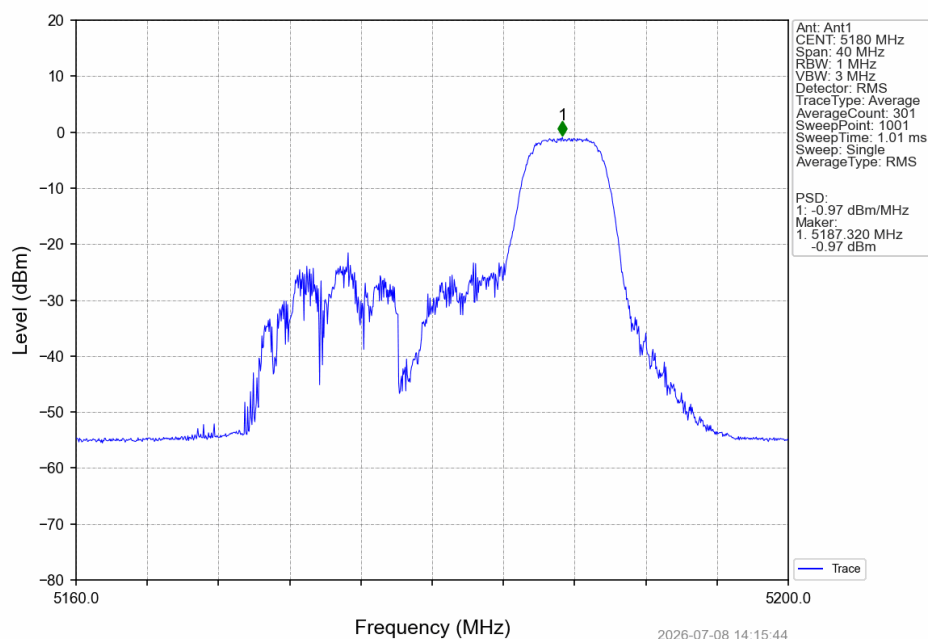


Test Report No.: RF260703B007

802.11ax(HEW20)_LCH_5180MHz_RU52_Mid_Ant7_NTNV

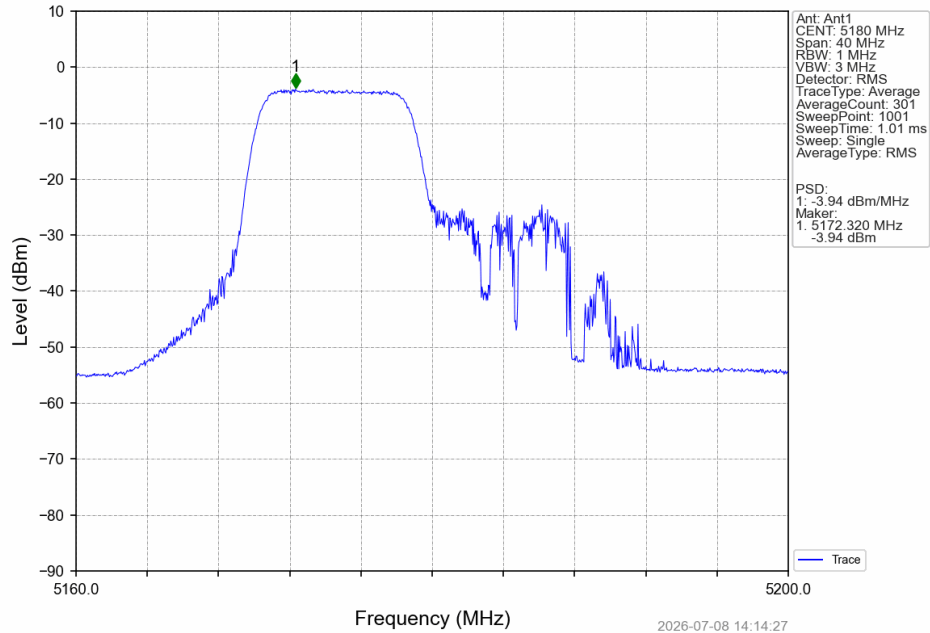


802.11ax(HEW20)_LCH_5180MHz_RU52_Right_Ant7_NTNV

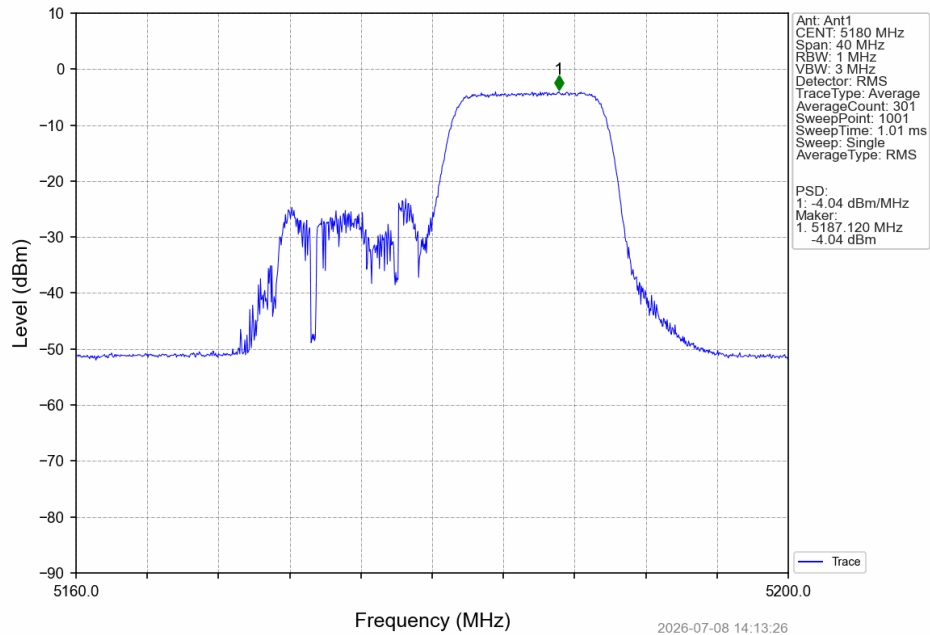


Test Report No.: RF260703B007

802.11ax(HEW20)_LCH_5180MHz_RU106_Left_Ant7_NTNV

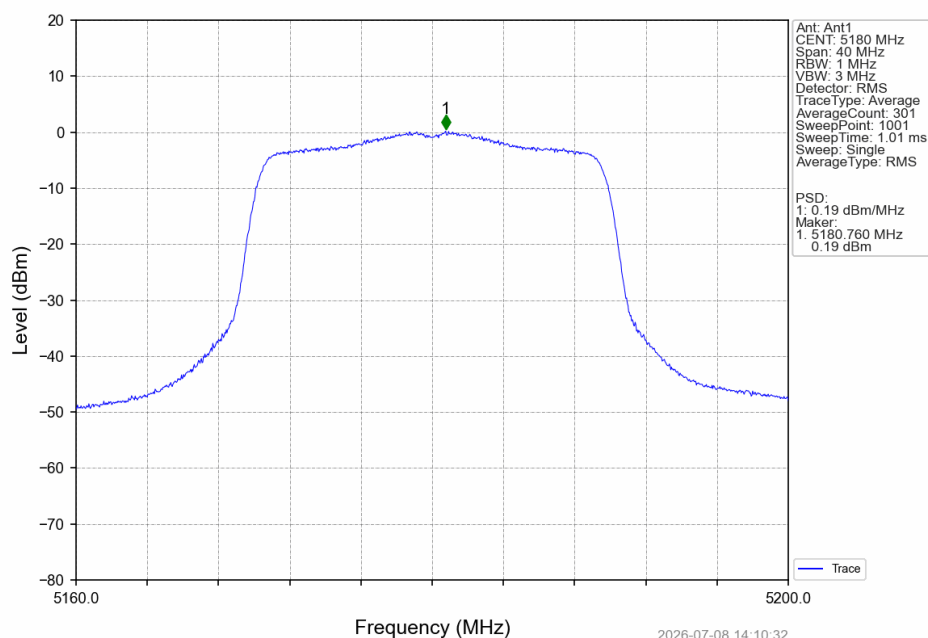


802.11ax(HEW20)_LCH_5180MHz_RU106_Right_Ant7_NTNV

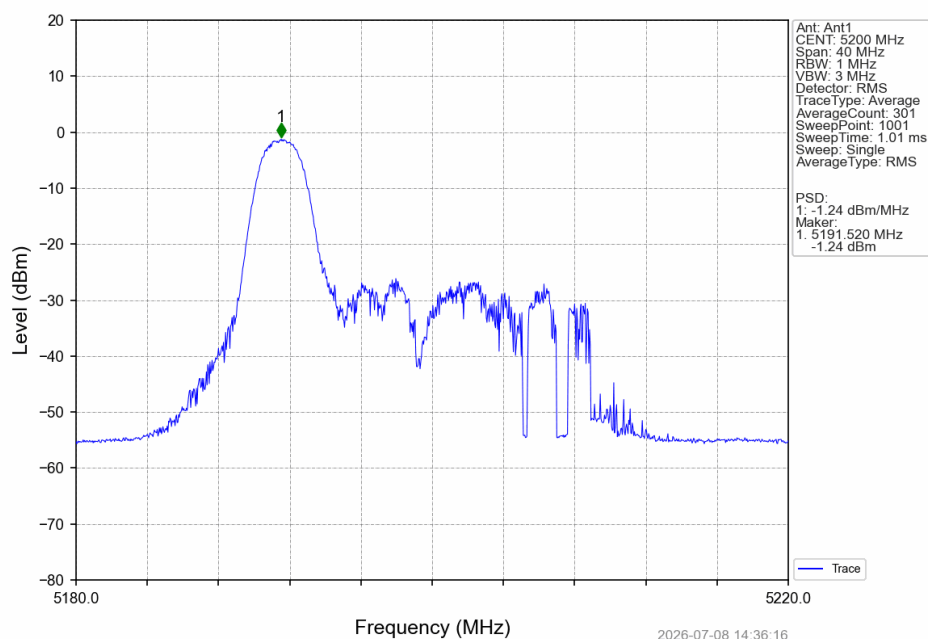


Test Report No.: RF260703B007

802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant7_NTNV

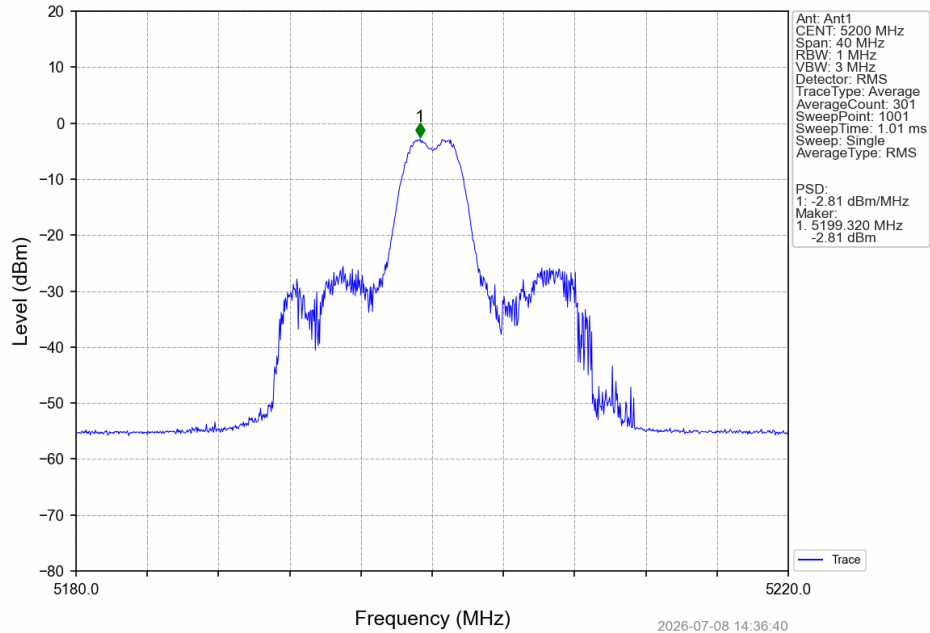


802.11ax(HEW20)_MCH_5200MHz_RU26_Left_Ant7_NTNV

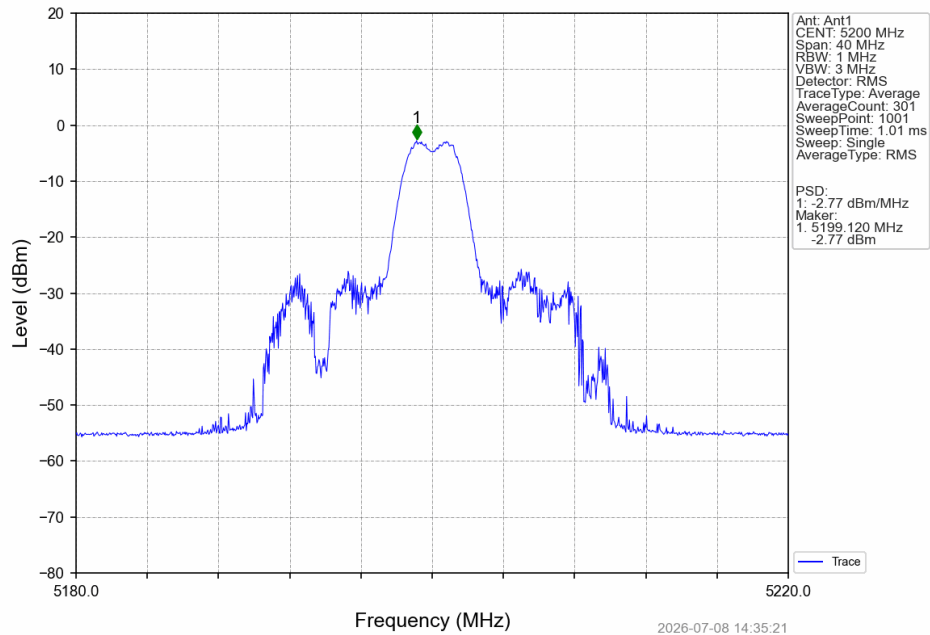


Test Report No.: RF260703B007

802.11ax(HEW20)_MCH_5200MHz_RU26_Mid_Ant7_NTNV

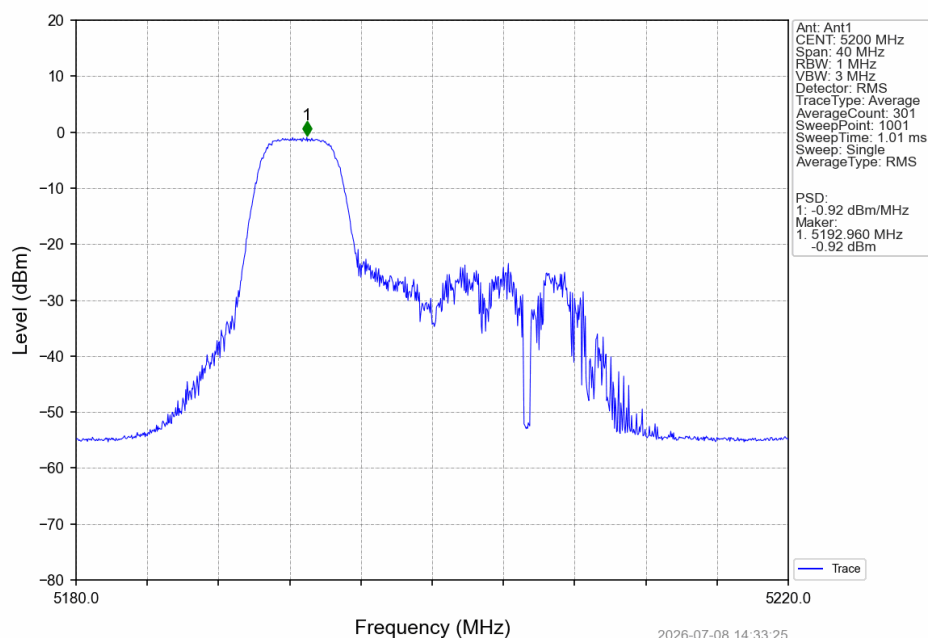


802.11ax(HEW20)_MCH_5200MHz_RU26_Right_Ant7_NTNV

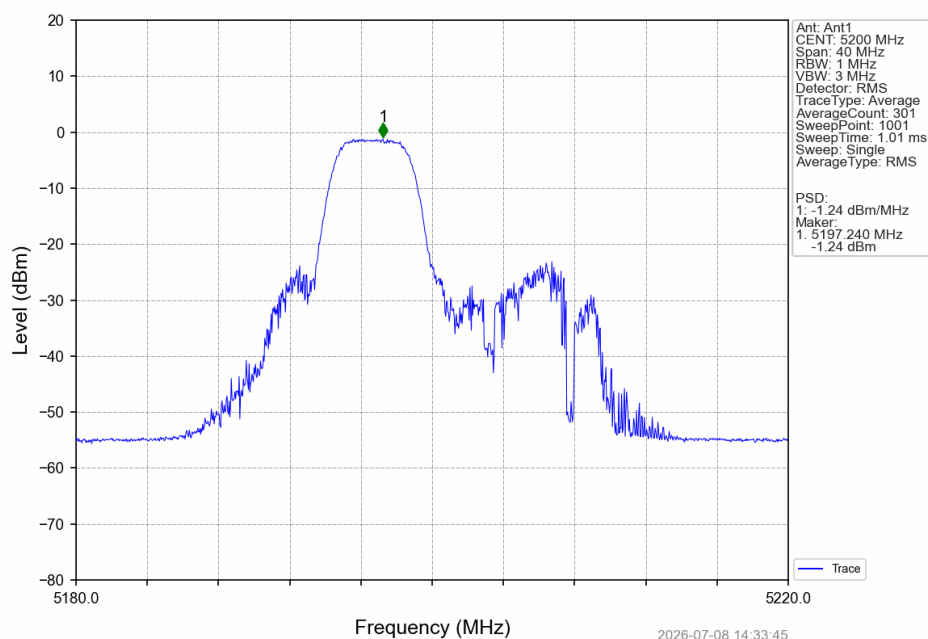


Test Report No.: RF260703B007

802.11ax(HEW20)_MCH_5200MHz_RU52_Left_Ant7_NTNV

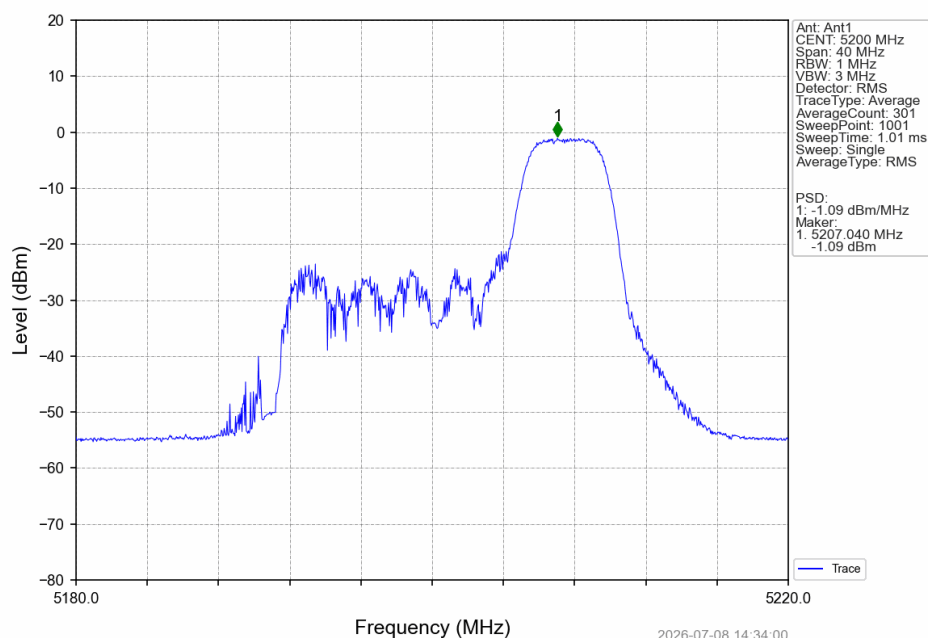


802.11ax(HEW20)_MCH_5200MHz_RU52_Mid_Ant7_NTNV

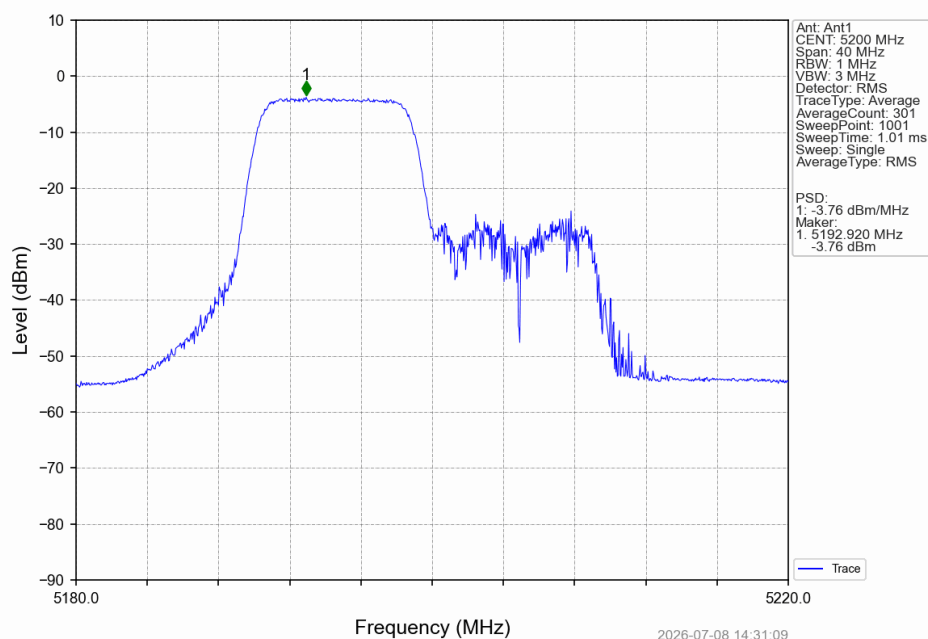


Test Report No.: RF260703B007

802.11ax(HEW20)_MCH_5200MHz_RU52_Right_Ant7_NTNV

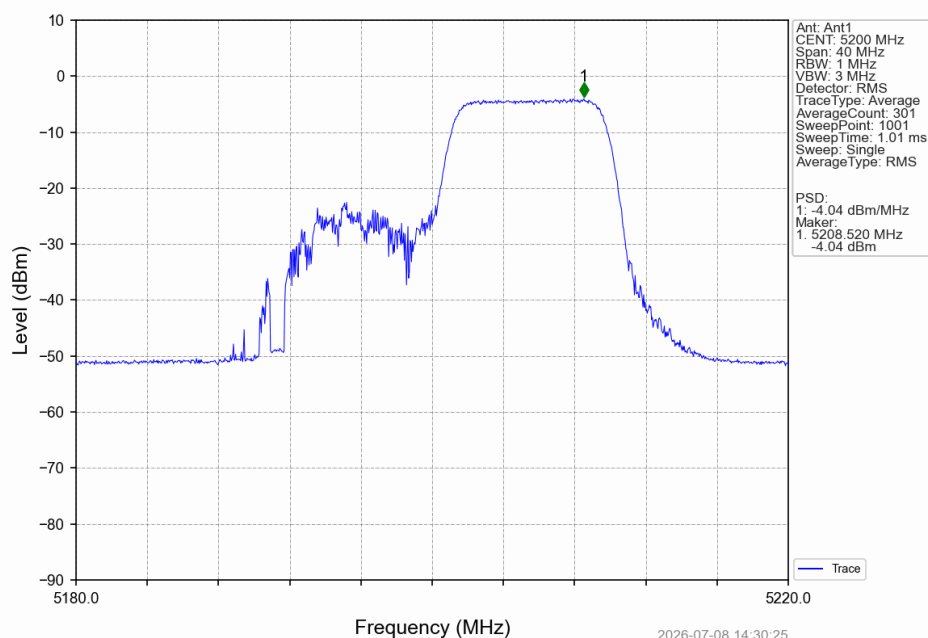


802.11ax(HEW20)_MCH_5200MHz_RU106_Left_Ant7_NTNV

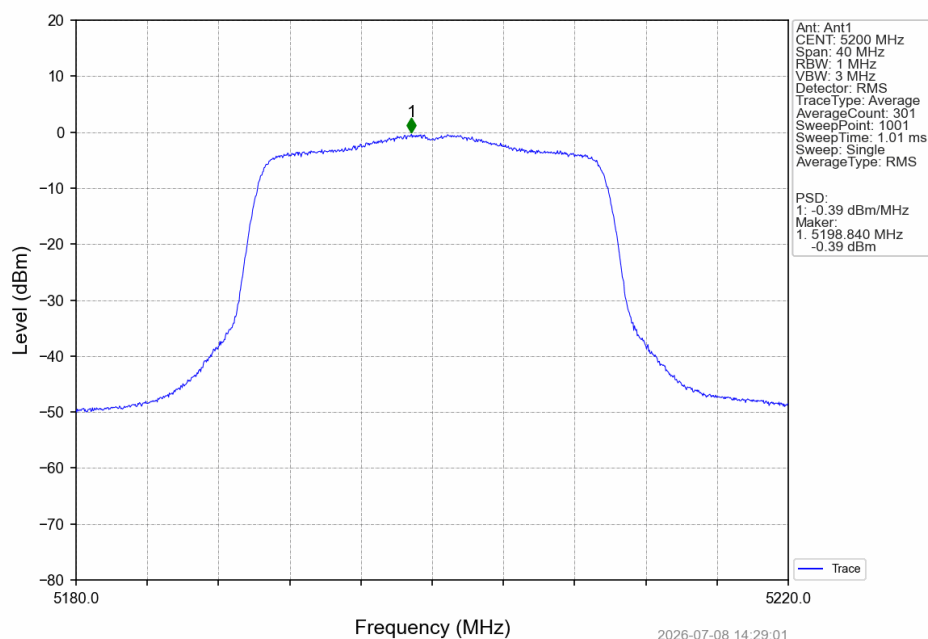


Test Report No.: RF260703B007

802.11ax(HEW20)_MCH_5200MHz_RU106_Right_Ant7_NTNV

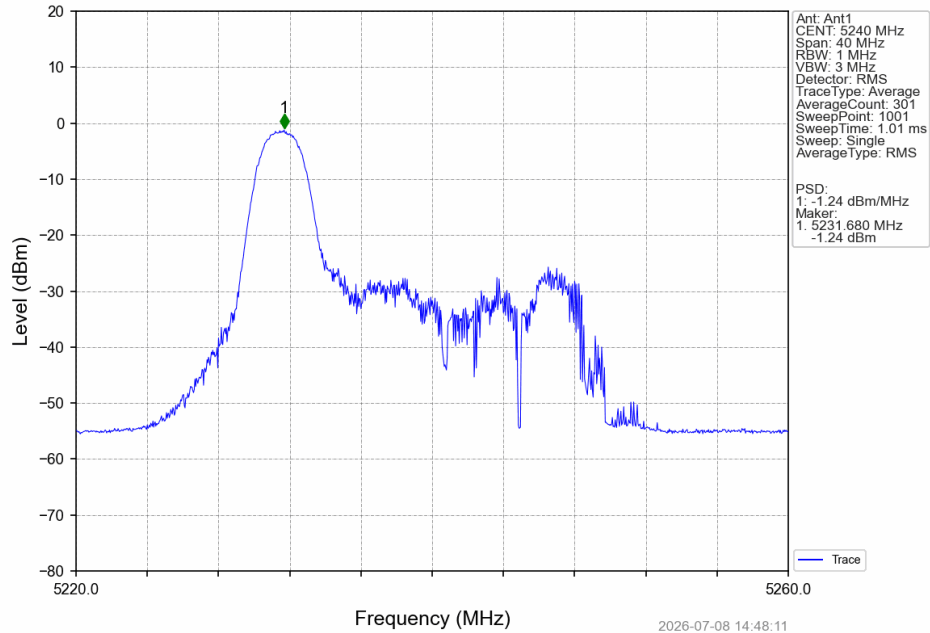


802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant7_NTNV

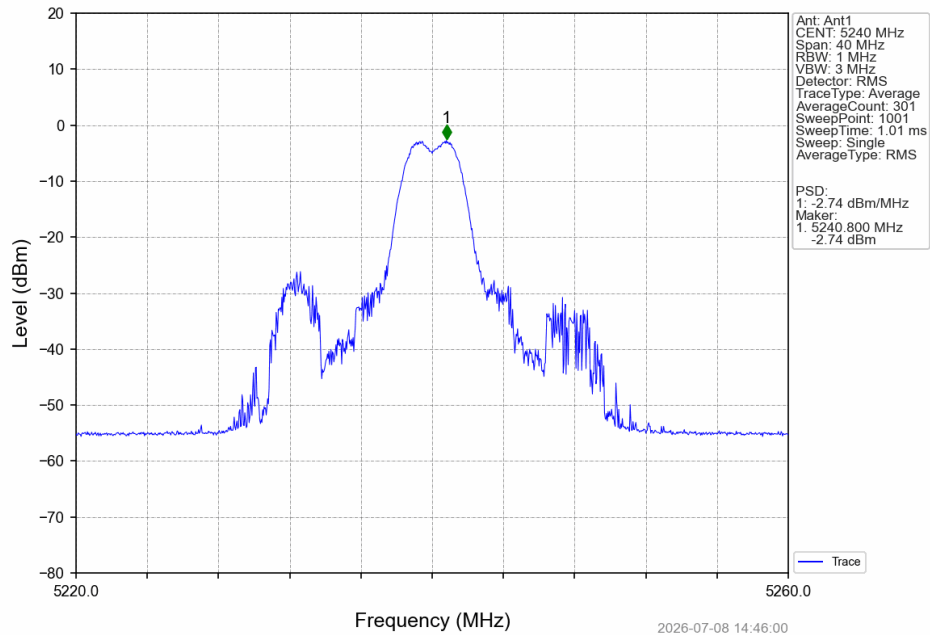


Test Report No.: RF260703B007

802.11ax(HEW20)_HCH_5240MHz_RU26_Left_Ant7_NTNV

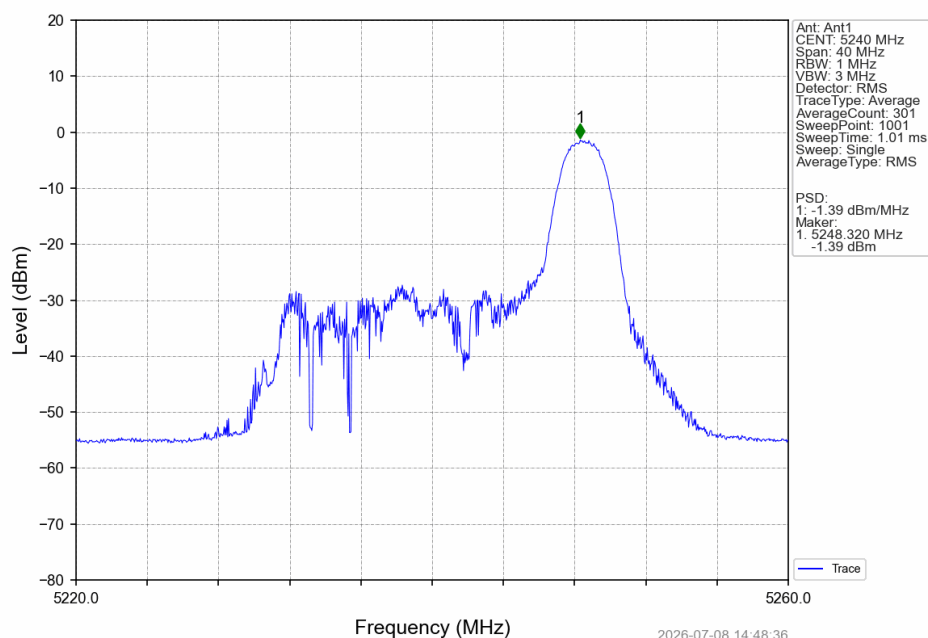


802.11ax(HEW20)_HCH_5240MHz_RU26_Mid_Ant7_NTNV

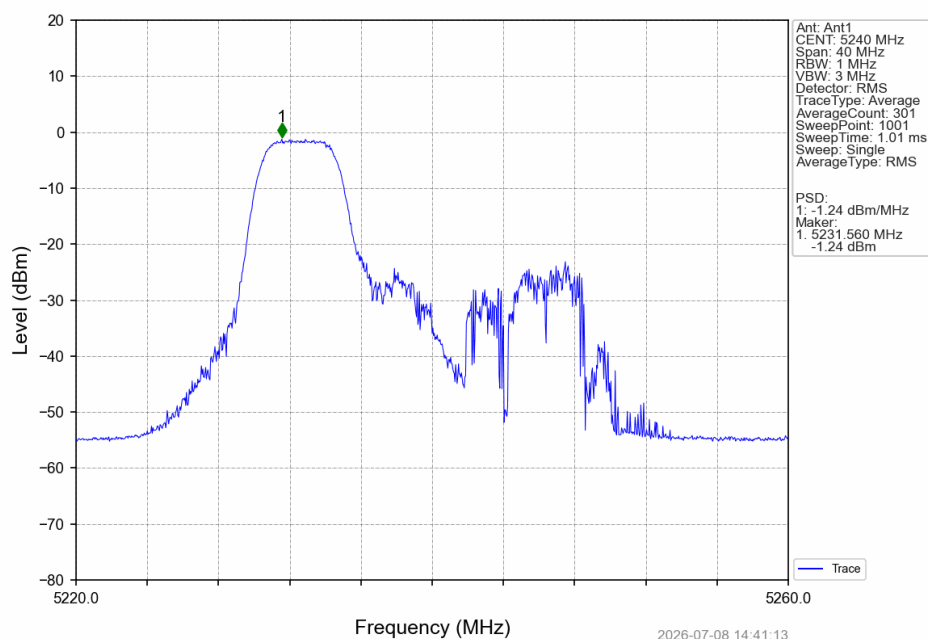


Test Report No.: RF260703B007

802.11ax(HEW20)_HCH_5240MHz_RU26_Right_Ant7_NTNV

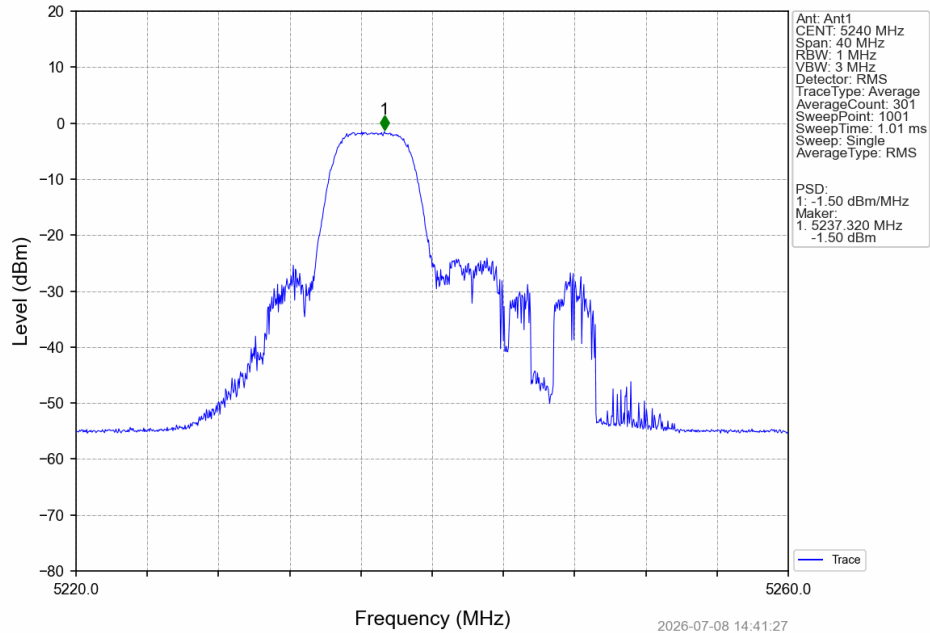


802.11ax(HEW20)_HCH_5240MHz_RU52_Left_Ant7_NTNV

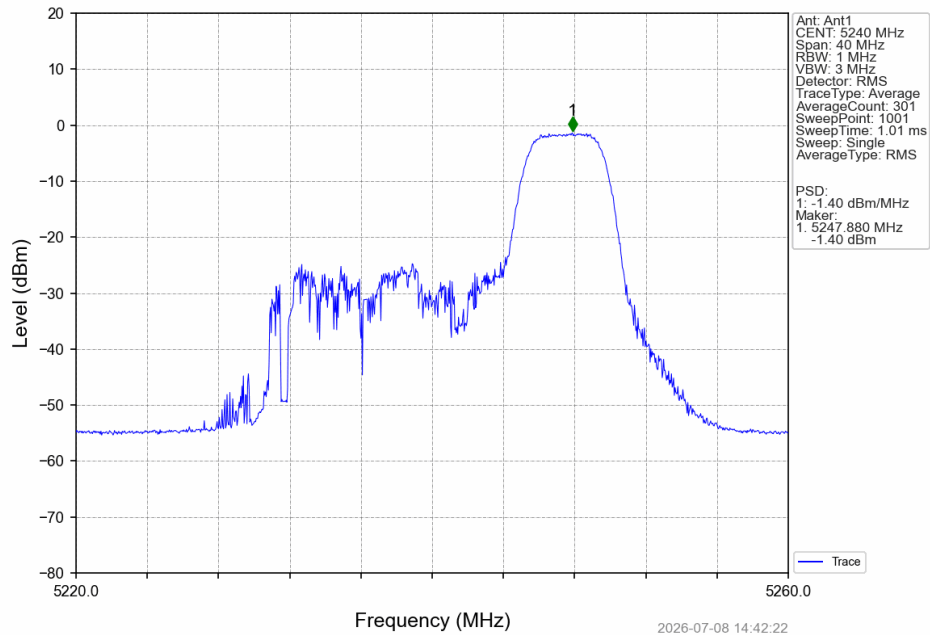


Test Report No.: RF260703B007

802.11ax(HEW20)_HCH_5240MHz_RU52_Mid_Ant7_NTNV

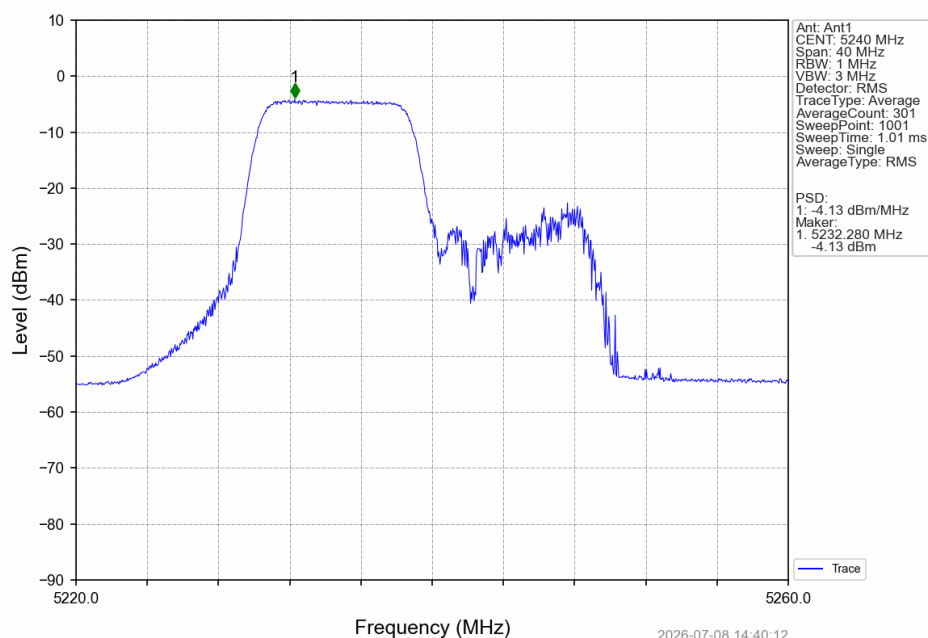


802.11ax(HEW20)_HCH_5240MHz_RU52_Right_Ant7_NTNV

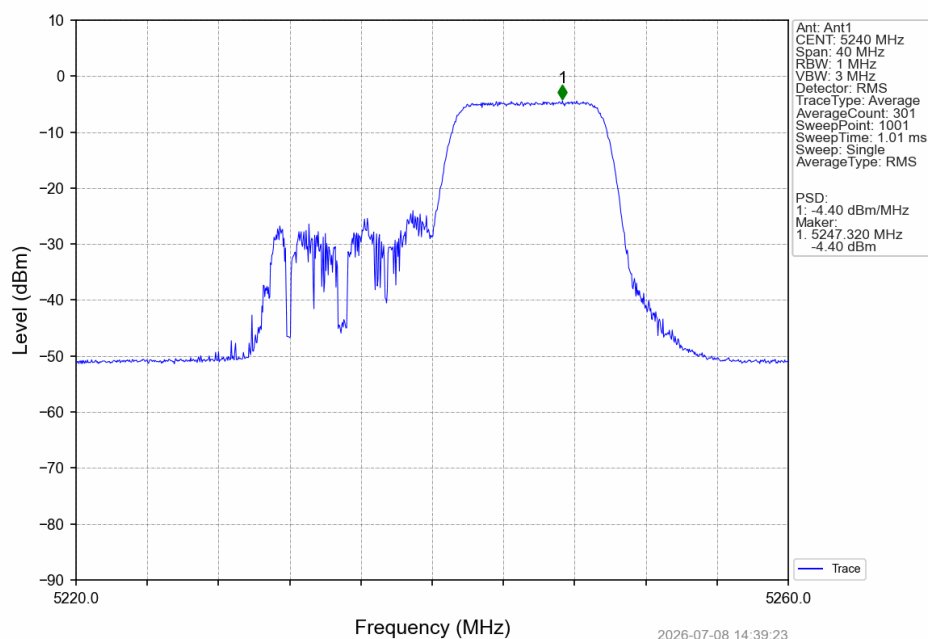


Test Report No.: RF260703B007

802.11ax(HEW20)_HCH_5240MHz_RU106_Left_Ant7_NTNV

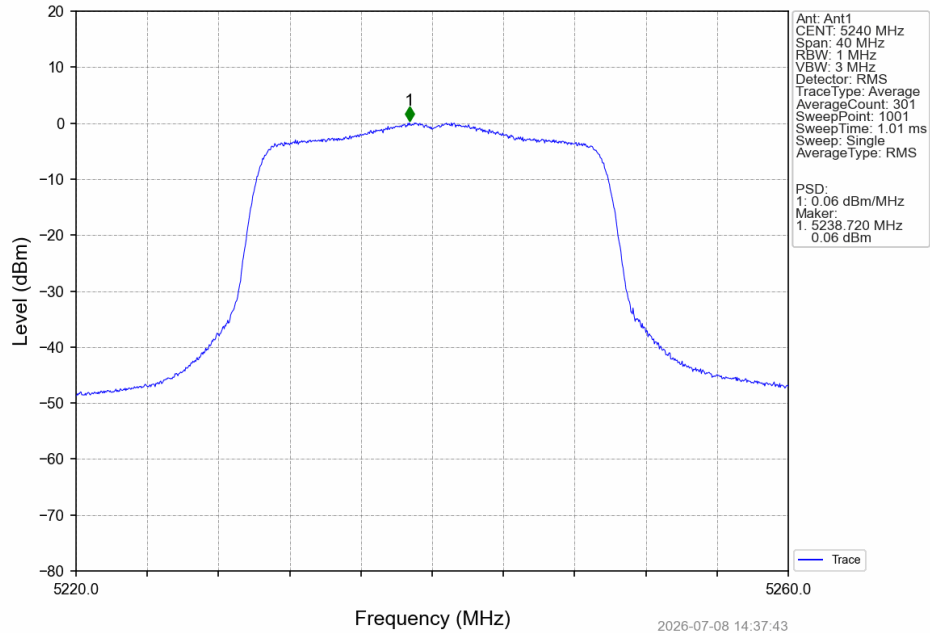


802.11ax(HEW20)_HCH_5240MHz_RU106_Right_Ant7_NTNV

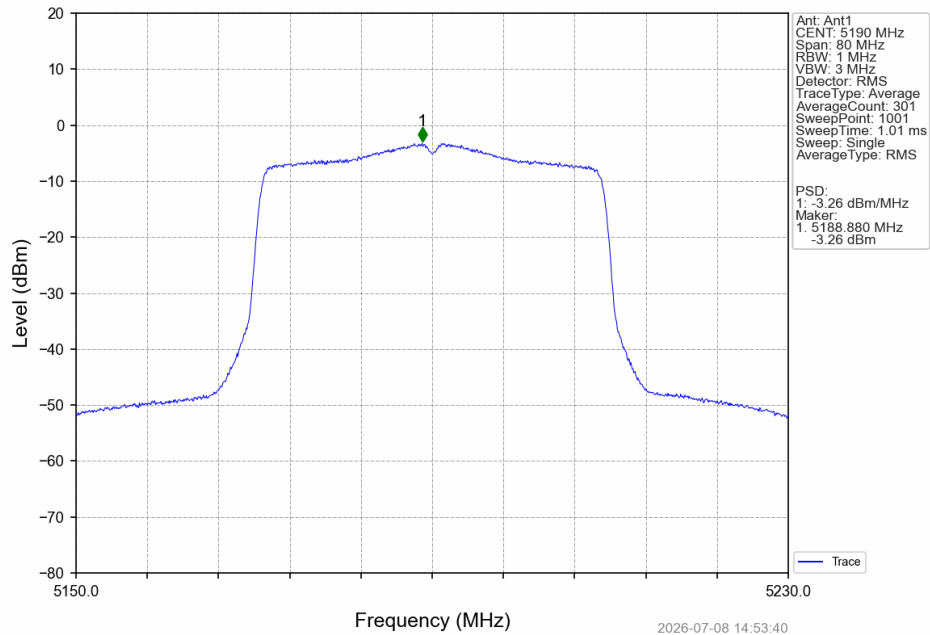


Test Report No.: RF260703B007

802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant7_NTNV

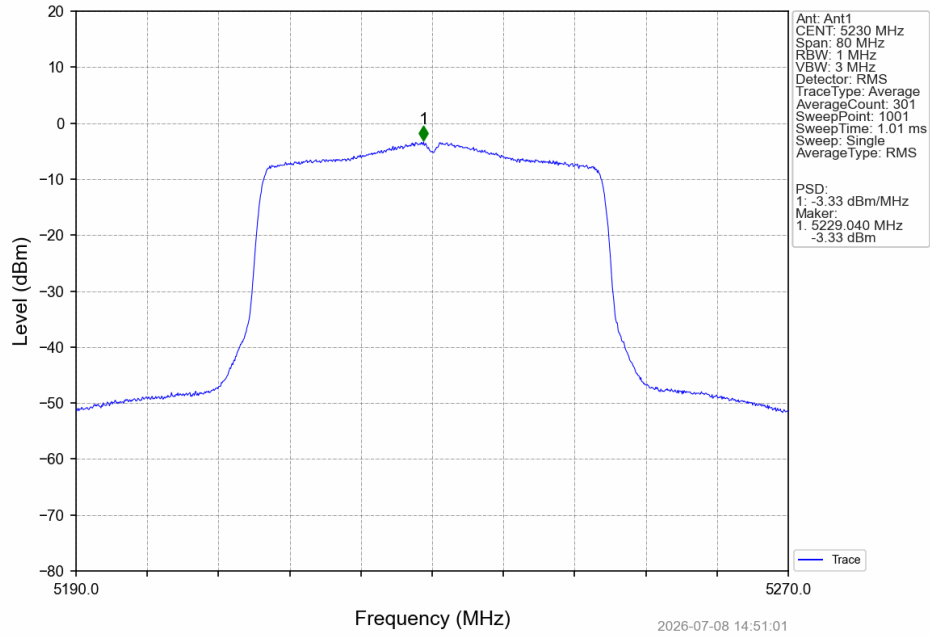


802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant7_NTNV

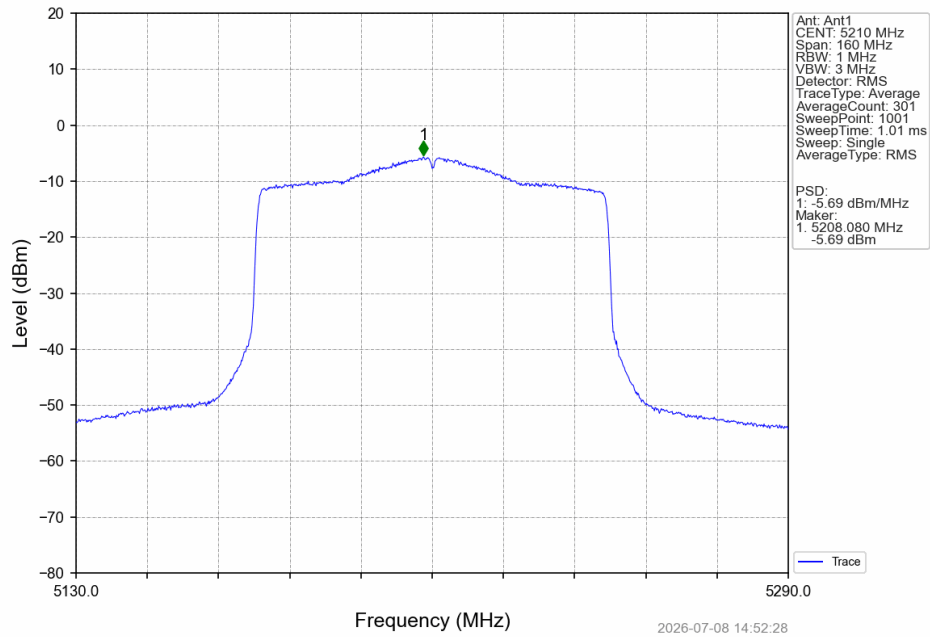


Test Report No.: RF260703B007

802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant7_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant7_NTNV



5. Frequency Stability

5.1 TEST RESULT

5.1.1 ANT7

Ant7									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	LV	5180.000	5150 to 5250	Pass
						NV	5180.040	5150 to 5250	Pass
						HV	5180.000	5150 to 5250	Pass
					5	NV	5180.000	5150 to 5250	Pass
					15	NV	5180.000	5150 to 5250	Pass
					25	NV	5180.020	5150 to 5250	Pass
					35	NV	5180.020	5150 to 5250	Pass
		5200	/	/	20	LV	5200.040	5150 to 5250	Pass
						NV	5200.020	5150 to 5250	Pass
						HV	5200.020	5150 to 5250	Pass
					5	NV	5200.000	5150 to 5250	Pass
					15	NV	5200.020	5150 to 5250	Pass
					25	NV	5200.020	5150 to 5250	Pass

Test Report No.: RF260703B007

					35	NV	5200.020	5150 to 5250	Pass
		5240	/	/	20	LV	5240.020	5150 to 5250	Pass
						NV	5240.000	5150 to 5250	Pass
						HV	5240.000	5150 to 5250	Pass
					5	NV	5240.020	5150 to 5250	Pass
					15	NV	5240.020	5150 to 5250	Pass
					25	NV	5240.020	5150 to 5250	Pass
					35	NV	5240.000	5150 to 5250	Pass
		5180	/	/	20	LV	5180.020	5150 to 5250	Pass
						NV	5180.020	5150 to 5250	Pass
						HV	5180.020	5150 to 5250	Pass
					5	NV	5180.020	5150 to 5250	Pass
					15	NV	5180.000	5150 to 5250	Pass
					25	NV	5180.000	5150 to 5250	Pass
					35	NV	5180.020	5150 to 5250	Pass
		5200	/	/	20	LV	5200.000	5150 to 5250	Pass
						NV	5200.020	5150 to 5250	Pass
						HV	5200.020	5150 to 5250	Pass

Test Report No.: RF260703B007

					5	NV	5200.020	5150 to 5250	Pass
					15	NV	5200.020	5150 to 5250	Pass
					25	NV	5200.020	5150 to 5250	Pass
					35	NV	5200.020	5150 to 5250	Pass
		5240	/	/	20	LV	5240.020	5150 to 5250	Pass
						NV	5240.000	5150 to 5250	Pass
						HV	5240.000	5150 to 5250	Pass
					5	NV	5240.000	5150 to 5250	Pass
					15	NV	5240.000	5150 to 5250	Pass
					25	NV	5240.000	5150 to 5250	Pass
					35	NV	5240.000	5150 to 5250	Pass
					20	LV	5190.000	5150 to 5250	Pass
						NV	5190.000	5150 to 5250	Pass
						HV	5190.000	5150 to 5250	Pass
					5	NV	5190.040	5150 to 5250	Pass
802.11n (HT40)	SISO	5190	/	/	15	NV	5190.000	5150 to 5250	Pass
					25	NV	5190.040	5150 to 5250	Pass
					35	NV	5190.040	5150 to 5250	Pass

Test Report No.: RF260703B007

		5230	/	/	20	LV	5230.000	5150 to 5250	Pass
						NV	5230.040	5150 to 5250	Pass
						HV	5230.000	5150 to 5250	Pass
					5	NV	5230.040	5150 to 5250	Pass
					15	NV	5230.000	5150 to 5250	Pass
					25	NV	5230.040	5150 to 5250	Pass
					35	NV	5230.000	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	20	LV	5180.000	5150 to 5250	Pass
						NV	5180.020	5150 to 5250	Pass
						HV	5180.000	5150 to 5250	Pass
					5	NV	5180.000	5150 to 5250	Pass
					15	NV	5180.000	5150 to 5250	Pass
					25	NV	5180.000	5150 to 5250	Pass
					35	NV	5180.020	5150 to 5250	Pass
		5200	/	/	20	LV	5200.020	5150 to 5250	Pass
						NV	5200.000	5150 to 5250	Pass
						HV	5200.020	5150 to 5250	Pass
					5	NV	5200.020	5150 to 5250	Pass

Test Report No.: RF260703B007

					15	NV	5200.020	5150 to 5250	Pass
					25	NV	5200.020	5150 to 5250	Pass
					35	NV	5200.000	5150 to 5250	Pass
		5240	/	/	20	LV	5240.000	5150 to 5250	Pass
						NV	5240.000	5150 to 5250	Pass
						HV	5240.000	5150 to 5250	Pass
					5	NV	5240.020	5150 to 5250	Pass
					15	NV	5240.000	5150 to 5250	Pass
					25	NV	5240.000	5150 to 5250	Pass
					35	NV	5240.000	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	LV	5190.000	5150 to 5250	Pass
						NV	5190.000	5150 to 5250	Pass
						HV	5190.000	5150 to 5250	Pass
					5	NV	5190.000	5150 to 5250	Pass
					15	NV	5190.000	5150 to 5250	Pass
					25	NV	5190.040	5150 to 5250	Pass
					35	NV	5190.000	5150 to 5250	Pass
		5230	/	/	20	LV	5230.040	5150 to 5250	Pass

Test Report No.: RF260703B007

						NV	5230.000	5150 to 5250	Pass	
						HV	5230.040	5150 to 5250	Pass	
						5	NV	5230.000	5150 to 5250	Pass
						15	NV	5230.040	5150 to 5250	Pass
						25	NV	5230.000	5150 to 5250	Pass
						35	NV	5230.000	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	20	LV	5210.075	5150 to 5250	Pass	
						NV	5210.075	5150 to 5250	Pass	
						HV	5210.075	5150 to 5250	Pass	
					5	NV	5210.075	5150 to 5250	Pass	
					15	NV	5210.075	5150 to 5250	Pass	
					25	NV	5210.075	5150 to 5250	Pass	
					35	NV	5210.075	5150 to 5250	Pass	
802.11ax (HEW20)	SISO	5180	RU242	Left	20	LV	5180.020	5150 to 5250	Pass	
						NV	5180.020	5150 to 5250	Pass	
						HV	5180.020	5150 to 5250	Pass	
					5	NV	5180.000	5150 to 5250	Pass	
					15	NV	5180.020	5150 to 5250	Pass	

Test Report No.: RF260703B007

					25	NV	5180.000	5150 to 5250	Pass
					35	NV	5180.020	5150 to 5250	Pass
		5200	RU242	Left	20	LV	5200.000	5150 to 5250	Pass
						NV	5200.000	5150 to 5250	Pass
						HV	5199.980	5150 to 5250	Pass
					5	NV	5200.000	5150 to 5250	Pass
					15	NV	5200.000	5150 to 5250	Pass
					25	NV	5200.000	5150 to 5250	Pass
					35	NV	5199.980	5150 to 5250	Pass
		5240	RU242	Left	20	LV	5240.000	5150 to 5250	Pass
						NV	5240.000	5150 to 5250	Pass
						HV	5240.000	5150 to 5250	Pass
					5	NV	5240.000	5150 to 5250	Pass
					15	NV	5240.000	5150 to 5250	Pass
					25	NV	5240.000	5150 to 5250	Pass
					35	NV	5240.020	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	20	LV	5190.000	5150 to 5250	Pass
						NV	5190.000	5150 to 5250	Pass

Test Report No.: RF260703B007

						HV	5190.000	5150 to 5250	Pass
					5	NV	5190.080	5150 to 5250	Pass
					15	NV	5190.000	5150 to 5250	Pass
					25	NV	5190.040	5150 to 5250	Pass
					35	NV	5190.040	5150 to 5250	Pass
		5230	RU484	Left	20	LV	5230.000	5150 to 5250	Pass
						NV	5230.040	5150 to 5250	Pass
						HV	5230.040	5150 to 5250	Pass
					5	NV	5230.040	5150 to 5250	Pass
					15	NV	5230.080	5150 to 5250	Pass
					25	NV	5230.000	5150 to 5250	Pass
					35	NV	5230.040	5150 to 5250	Pass
					802.11ax (HEW80)	SISO	5210	RU996	Left
NV	5210.075	5150 to 5250	Pass						
HV	5210.075	5150 to 5250	Pass						
5	NV	5210.000	5150 to 5250	Pass					
15	NV	5210.075	5150 to 5250	Pass					
25	NV	5210.000	5150 to 5250	Pass					

Test Report No.: RF260703B007

					35	NV	5210.075	5150 to 5250	Pass
--	--	--	--	--	----	----	----------	--------------	------

6. Band Edge

6.1 TEST RESULT

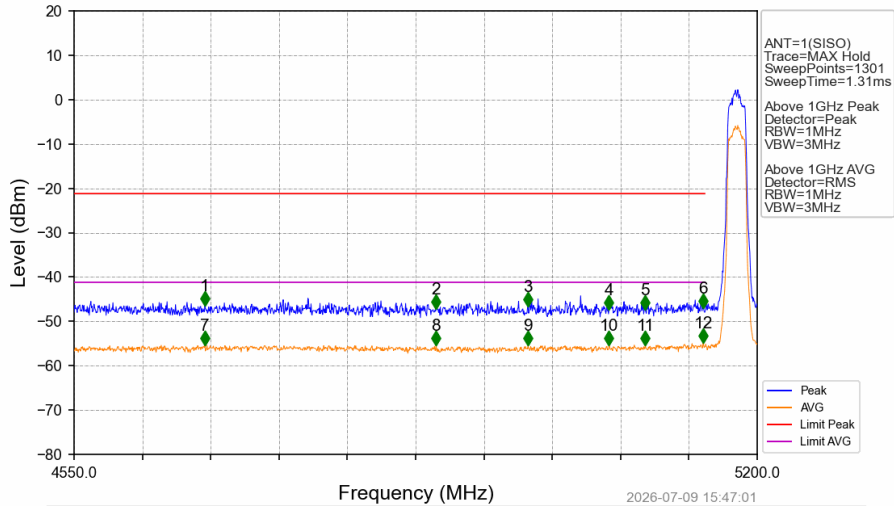
6.1.1 BANDEDGE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	7	Refer To Test Graph		Pass
		5240	/	/	7	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	/	/	7	Refer To Test Graph		Pass
		5240	/	/	7	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	/	/	7	Refer To Test Graph		Pass
		5230	/	/	7	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5180	/	/	7	Refer To Test Graph		Pass
		5240	/	/	7	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5190	/	/	7	Refer To Test Graph		Pass
		5230	/	/	7	Refer To Test Graph		Pass
802.11ac (VHT80)	SISO	5210	/	/	7	Refer To Test Graph		Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	7	Refer To Test Graph		Pass
		5240	RU242	Left	7	Refer To Test Graph		Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	7	Refer To Test Graph		Pass
		5230	RU484	Left	7	Refer To Test Graph		Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	7	Refer To Test Graph		Pass

Test Report No.: RF260703B007

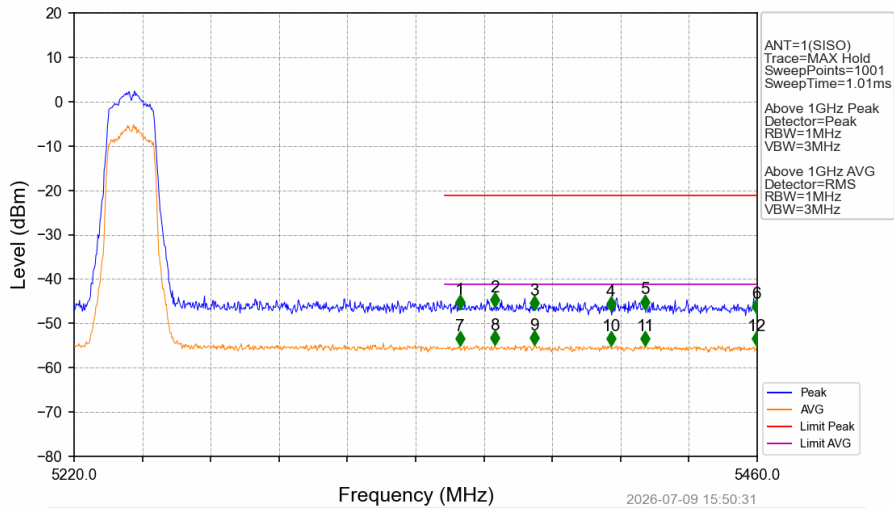
6.2 Test Graph

802.11a_LCH_5180MHz_Ant7_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4674.500	-46.46	-21.20	25.26	Pass	Peak	7	4674.500	-55.28	-41.20	14.08	Pass	AVG
2	4894.500	-47.17	-21.20	25.97	Pass	Peak	8	4894.500	-55.32	-41.20	14.12	Pass	AVG
3	4982.000	-46.64	-21.20	25.44	Pass	Peak	9	4982.000	-55.38	-41.20	14.18	Pass	AVG
4	5059.000	-47.33	-21.20	26.13	Pass	Peak	10	5059.000	-55.37	-41.20	14.17	Pass	AVG
5	5093.500	-47.37	-21.20	26.17	Pass	Peak	11	5093.500	-55.33	-41.20	14.13	Pass	AVG
6	5148.500	-47.05	-21.20	25.85	Pass	Peak	12	5148.500	-54.86	-41.20	13.66	Pass	AVG

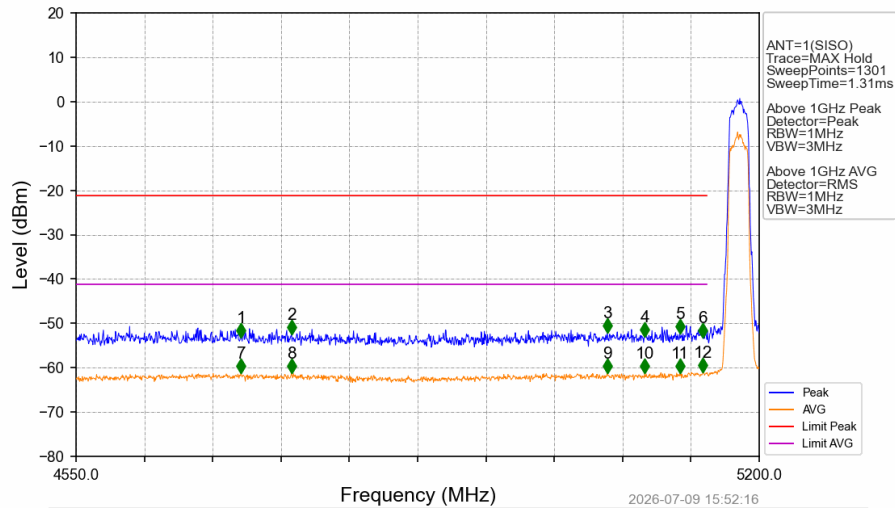
802.11a_HCH_5240MHz_Ant7_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5355.600	-46.76	-21.20	25.56	Pass	Peak	7	5355.600	-54.98	-41.20	13.78	Pass	AVG
2	5367.840	-46.23	-21.20	25.03	Pass	Peak	8	5367.840	-54.87	-41.20	13.67	Pass	AVG
3	5381.760	-46.97	-21.20	25.77	Pass	Peak	9	5381.760	-54.81	-41.20	13.61	Pass	AVG
4	5408.640	-47.23	-21.20	26.03	Pass	Peak	10	5408.640	-55.02	-41.20	13.82	Pass	AVG
5	5420.640	-46.70	-21.20	25.50	Pass	Peak	11	5420.640	-54.99	-41.20	13.79	Pass	AVG
6	5459.760	-47.67	-21.20	26.47	Pass	Peak	12	5459.760	-54.98	-41.20	13.78	Pass	AVG

Test Report No.: RF260703B007

802.11n(HT20)_LCH_5180MHz_Ant7_NTNV



802.11n(HT20)_HCH_5240MHz_Ant7_NTNV

