

TEST REPORT

Specific Wireless Devices

for

Products Name: Meeting Room Display Tablet

Model No.: WA1099T

Report No.: SST2604E280

Issued Date: 2026-4-30

Issued for

Johnson Controls International

1101 E Whitaker Mill Rd suite 220, Raleigh, NC 27604, USA

Issued by

Dongguan Qiyang Testing Technology Co., Ltd.

Room 101-1, Building 1, No.19, Tianxin Butterfly 1st Road, Huangjiang, Dongguan, Guangdong, China

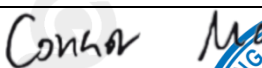
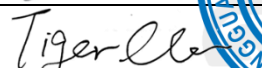
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1. Basic Introduction

Applicant's name :	Johnson Controls International	
Address	1101 E Whitaker Mill Rd suite 220, Raleigh, NC 27604, USA	
Manufacturer's name	Johnson Controls International	
Address	1101 E Whitaker Mill Rd suite 220, Raleigh, NC 27604, USA	
Factory's name	Shenzhen Electron Technology Co., Ltd	
Address	Bld 2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Bao'an, Shenzhen, Guangdong, P.R.China	
Products Name :	Meeting Room Display Tablet	
Model No. :	WA1099T	
Trade Mark	N/A	
Rating(s) :	Adapter Model: FJ-SW1202000N Input: 100-240V, 50/60Hz Output: DC 12.0V 24W or DC 48V, 0.5A by POE power supply	
Date of sample receipt :	2026-4-3	
Date of Test :	2026-4-3~2026-4-28	
Standard(s)	Article 2 paragraph 1 item(19) MIC Notice No.88 Annex 1 MIC Notice No.88 Annex 43	
Tested by (+signature) :	Connor Ma	
Check by (+signature) :	Davis Zhou	
Approved by (+signature) :	Tiger Chen	



2. General description

2.1. EUT description

Products Name	Meeting Room Display Tablet	
Model No.	WA1099T	
Rating(s)	Adapter Model: FJ-SW1202000N Input: 100-240V, 50/60Hz Output: DC 12.0V 24W or DC 48V, 0.5A by POE power supply	
Software version.....	V1.0	
Hardware version	R160 V2.1A	
Operation frequency	2412MHz ~ 2472MHz	
Channel numbers	13	
Modulation technology	802.11b/g/n/ax	
Antenna type	FPC antenna	
Antenna Gain	1.48 dBi	
Cable	Name	Description
	C-C cable	☒ Shielded ☐ Unshielded ☒ Detachable ☐ Un-detachable ☐ No applicable ☐ Length: 1.5m

Note: 802.11ax not support partial RU mode, all test configurations are solely applicable to Full RU.

2.2. Serial model(s) and model difference

Main model(s)	WA1099T
Serial model(s)	/
Model difference	/

2.3. Auxiliary equipment

Support equipment list			
Description	Manufacturer	Model No.	Serial No.
PC	HP	Zhan 66P	/
Support cable list			
Description	Specified length(m)	Shielded	Unshielded
		☐	☐

2.4. Description of test modes and condition

Mode 1	Continuously transmit		
Mode 2	Receiver status		
Mode 3	Normal operation		
Temperature(°C):	23.9		
Humidity (%):	53		
Atmospheric pressure:	100.9kPa		
Power Supply			
Voltage Fluctuations Test	Normal voltage	Low voltage (-10%)	High voltage (+10%)
Input to EUT (DC,V)	12	10.8	13.2
To RF Module (DC, V)	3.3	3.3	3.3
Voltage Variation (%)	-	0	0

Note1: $\text{Voltage Variation}(\%) = (\text{Output high or Low Voltage} - \text{Output Normal Voltage}) / \text{Output Normal Voltage} \times 100$.

Note2: After checking the fluctuation of input voltage to the circuit of the radio part (excluding the power supply) of the equipment to be tested, the fluctuation less than $\pm 1\%$ when input voltage from an external supply into the equipment fluctuates $\pm 10\%$, therefore, the test is carried out only at the normal voltage.

2.5. Test environmental conditions

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment.		
The climatic conditions during the tests were within the following limits:		
Ambient temperature	Relative humidity	Atmospheric pressure
15 °C ~ 35 °C	30 % ~ 60 %	86 kPa ~ 106 kPa
If explicitly required in the basic standard or applied product standard the climatic values are recorded and documented separately in this test report.		

2.6. Statement of Measurement Uncertainty

Test Item	Uncertainty
Uncertainty for Conducted emissions	3.31 dB
Uncertainty for Radiated emission (30 MHz to 1 GHz)	4.53 dB
Uncertainty for Radiated emission (above 1 GHz)	4.80 dB

RF power, conducted	1.08 dB
Power Spectral Density, Conducted	1.46 dB
Spurious Emissions, Conducted	2.94 dB
Occupied bandwidth	57.74 kHz
Dwell Time	2%
Frequency	3%
Measurement Uncertainty Decision Rule Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2023, clause 4.3.3 and 4.3.4.	

2.7. Report modification record

Report No.	Issue Date	Description
SST2604E280	2026-4-30	Original Report

2.8. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:	
CNAS	Registration No.: L17883
Location	Dongguan Qiyang Testing Technology Co., Ltd. Room 101-1, Building 1, No.19, Tianxin Butterfly 1st Road, Huangjiang, Dongguan, Guangdong, China

2.9. Additional Instruction

Test Software	CMD
Power level setup	Default

2.10. Other information

The laboratory responsible for all the information provided in the report, except those information provided by the applicant.

The applicant shall fully responsible for the information they provided.

The report would be invalid without a stamp of test laboratory and the signatures of compiler and approver.

The laboratory has not been responsible for the sampling stage; the test report merely corresponds to the test sample received.

Any objection to the test report shall submitted to the test laboratory within 15 days from the date of receipt of the report.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

3. Verdict summary section

Requirement – Test case	Result
RF shielding method	Pass
Tolerance of Frequency	Pass
Antenna Power	Pass
Occupied bandwidth	Pass
Spread spectrum bandwidth	Report only
Spurious Emissions Intensity	Pass
Secondary radiated emissions	Pass
Interference suppression	Pass
Carrier Sense Capability	Pass
Transmission Antenna Gain	Pass
Transmission Radiation Angle Width(3dB Beam width)	N/A, EIRP less than 12.14 dbm/MHz
Number of carrier	Pass (This device has more than 1 subcarrier in 1MHz, compliances with the requirement.)
Spreading factor	Pass

Test case verdicts	
- Test case does not apply to the test object.....	N/A
- Test object does meet the requirement.....	P (Pass)
- Test object does not meet the requirement.....	F (Fail)

4. List of Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Date	Cal. Due
RF conducted						
Spectrum Analyzer	keysight	N9020A	MY51280659	2025/04/16	2026/04/09	2027/04/09
Signal Generator	Agilent	N5181A	MY48180054	2025/04/16	2026/04/09	2027/04/09
Signal Generator	keysight	N5172B	MY57281610	2025/04/16	2026/04/09	2027/04/09
Spectrum Analyzer	R&S	FSV40-N	101791	2025/04/16	2026/04/09	2027/04/09
Wideband Radio Communication Tester	R&S	CMW500	123123	2025/04/16	2026/04/09	2027/04/09
RF Switch Box	TST PASS	TST V2	/	2025/04/16	2026/04/09	2027/04/09
Thermohygrometer	KTJ	TA218A	879032	2025/04/20	2026/04/09	2027/04/09
DC power supply	Lodestar	LPS6010D	LP2303371	/	/	/
Temperature and humidity chamber	Guangdong fenghe	FH-TH-1000	FH24032017	2025/04/26	2026/04/09	2027/04/09
Test Software	TST PASS	TST PASS	V2.0	/	/	/

Calibration Information (Article 24-2, Paragraph 4 of the Radio Act)

	a. Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18-1 of the Radio Act
	b. Calibration conducted based on the regulations of Articles 135 or 144 of the measurement Act
✓	c. Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 of the Radio Act
	d. Calibration, etc. conducted by using measuring instruments and other facilities listed at the bottom of appended table 3 of the Radio Act, which is to have been calibrated as described in (a)through (c) above

5. Technical Requirement and Measurement Data

5.1. Cabinet

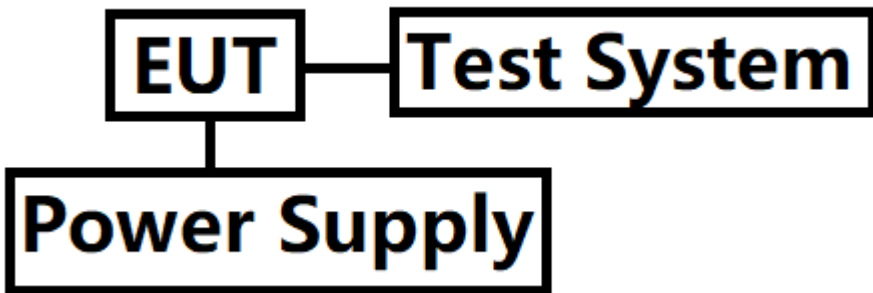
Requirement:

The high-frequency section and modulation section (except for the antenna system) shall not be capable of being opened easily

Shielding method:

Refer to SST2604E278 for details

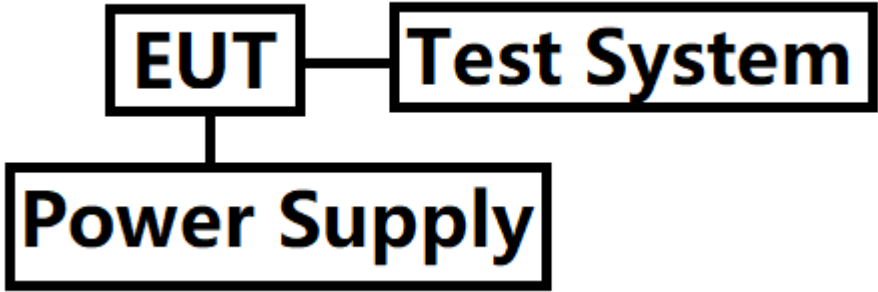
5.2. Antenna Power

Limit 10mW/MHz (DSSS, OFDM within 26MHz) 5mW/MHz (OFDM within 26~40MHz) Tolerance: +20%
Block diagram of Test Setup  <pre> graph TD PS[Power Supply] --- EUT[EUT] EUT --- TS[Test System] </pre>
Test Setup Test Frequency: centre Frequency Span: Max allowed to capture the trace RBW: >Occupied Bandwidth VBW: =RBW Sweep Time: Auto Detector: Peak Trace: Max hold Mark the highest peak value, then centre the frequency Span: 0Hz RBW: >Occupied Bandwidth VBW: >RBW Sweep: Single Detector: RMS Measure the burst power.
Verdict Pass

5.2.1. Test Result

Refer to section 8 for details

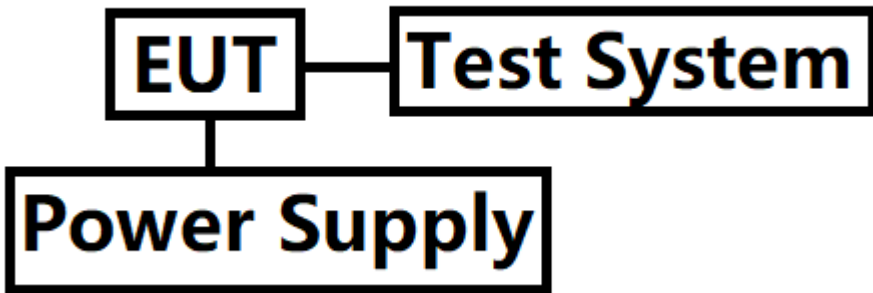
5.3. Frequency Tolerance

Limit
$\pm 50 \times 10^{-6}$
Block diagram of Test Setup
 <pre> graph TD PS[Power Supply] --- EUT[EUT] EUT --- TS[Test System] </pre>
Test Setup
Test Frequency: centre Frequency Span: 1MHz RBW: 10kHz VBW: =RBW Sweep Time: Auto Detector: Peak Trace: Max hold While the trace is stabilized, mark the highest transmit frequency
Verdict
Pass

5.3.1. Test Result

Refer to section 8 for details

5.4. Occupied Bandwidth and Spread Bandwidth

Limit Occupied Bandwidth: OFDM: 40MHz or less Others: 26MHz or less
Block diagram of Test Setup  <pre> graph TD PS[Power Supply] --- EUT[EUT] EUT --- TS[Test System] </pre>
Test Setup Test Frequency: centre Frequency Span: Max allowed to capture hole trace RBW: 300kHz VBW: =RBW Sweep Time: Auto Detector: Peak Trace: Max hold While the trace is stabilized, Use the 99 % bandwidth function of the spectrum analyser to measure the Occupied Channel Bandwidth of the UUT. This value shall be recorded. Mark lowest frequency FL of the 99% bandwidth and the highest Frequency FH of 99% bandwidth.
Verdict Pass

5.4.1. Test Result

Refer to section 8 for details

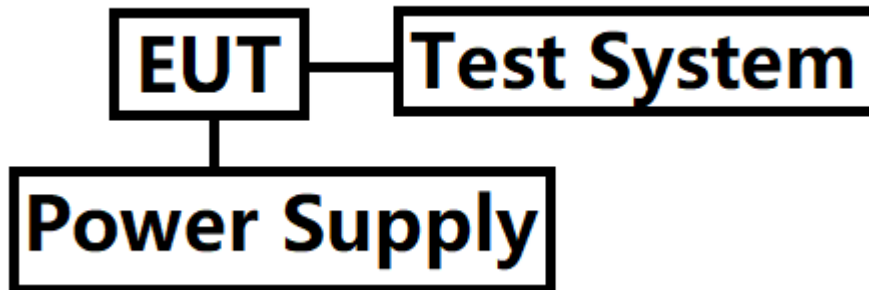
5.5. Spurious Emission Intensity

Limit

Permissible mean power of spurious emission of each frequency supplied to a feeder, that is, mean power of spurious emission in the 1 MHz bandwidth at frequency f other than frequency band used shall be as follows:

- a. $2,387 \text{ MHz} \leq f \leq 2,400 \text{ MHz}$ and $2,483.5 \text{ MHz} < f \leq 2,496.5 \text{ MHz}$: 25 μW or less
- b. $2,387 \text{ MHz} > f$ and $2,496.5 \text{ MHz} < f$: 2.5 μW or less

Block diagram of Test Setup



Test Setup

Analyser frequency set to the wanted transmitting frequency

Frequency Range: 30MHz ~ 12.5GHz

RBW: 1MHz

VBW:=RBW

Sweep time: Auto

Detector: Peak

Trace: Max Hold

Allow the trace to stabilize. Use mark-peak function to mark the highest emission level.

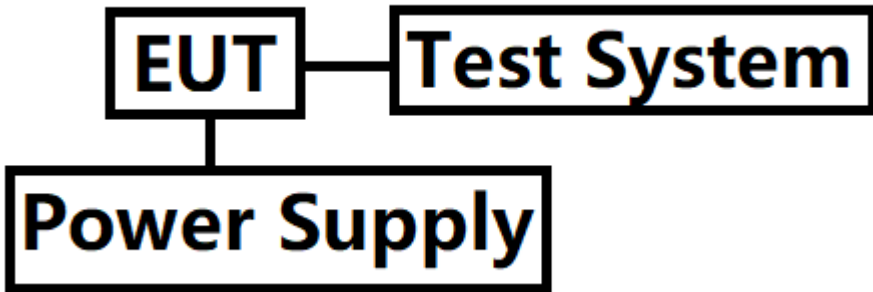
Verdict

Pass

5.5.1. Test Result

Refer to section 8 for details

5.6. Second Radiated Emission

Limit
4nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher
Block diagram of Test Setup
 <pre> graph TD PS[Power Supply] --- EUT[EUT] EUT --- TS[Test System] </pre>
Test Setup
Analyser frequency set to the wanted transmitting frequency Frequency Range: 30MHz ~ 12.5GHz RBW: 100 kHz < 1GHz; 1MHz > 1GHz VBW: =RBW Sweep time: Auto Detector: Peak Trace: Max Hold Allow the trace to stabilize. Use mark-peak function to mark the highest emission level.
Verdict
Pass

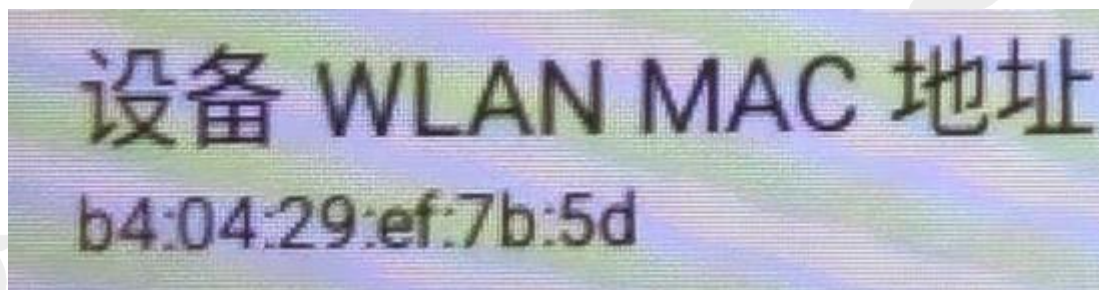
5.6.1. Test Result

Refer to section 8 for details

5.7. Interference Prevention Function

Limit		
a. Identification code transmission/reception: Radio equipment used mainly on the same premises and automatically transmits or receives identification code		
b. Frequency switching and other functions: Users shall be able to choose operating frequencies and halt emission.		
Block diagram of Test Setup		
	Radio equipment	Dummy load Attenuator
		Demodulator
Verdict		
Pass		

5.7.1. Test Result

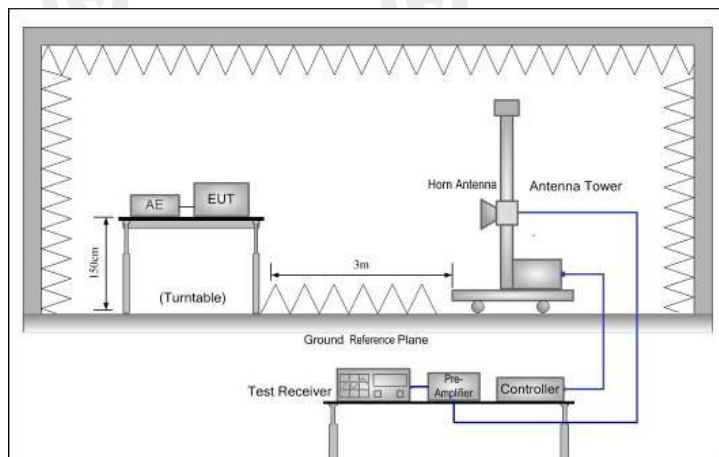


5.8. Equivalent Isotropic Radiated Power

Limit

12.14dBm/MHz

Block diagram of Test Setup



Test Procedures

Step 1

Set the test equipment at test frequency, and in continuous transmitting mode or intermittent burst mode (constant frequency and constant burst time). Stop the spread.

Step 2

Set the height and direction of test equipment and measurement antenna approximately facing each other.

Step 3

In the frequency derived in D), change the height of the measurement antenna from the ground by $\pm 50\text{cm}$ with a central focus on the antenna of test equipment. Search the location that the power is maximum by adjusting the direction of measurement antenna. Set the indicator of spectrum analyzer at this point as "E".

Step 4

Remove the test equipment from the turntable, set the opening of substitution antenna at the same location as the opening of the test equipment, and receive by outputting radio wave of the same frequency from the standard signal generator for substitution.

Step 5

Adjust at the maximum power point, turning the substitution antenna.

Step 6

Change the height of the measurement antenna from the ground by $\pm 50\text{cm}$ with a central focus on the substitution antenna, and adjust the direction of measurement antenna to the location that the received power is maximum.

Step 7

Adjust output of standard signal generator and record the power P_s that is equal to "E". Or record P_s by counting backward from the difference with "E" as the close value to "E" (within $\pm 1\text{dB}$).

Step 8

EIRP is derived from the following calculating formula:

$$\text{EIRP} = G_s - L_F + P_s$$

G_s ; Absolute gain of substitution antenna (dBi).

L_F ; Loss of electric supply line between standard signal generator and substitution antenna (dB).

P_s ; Output of standard signal generator (dBm).

Verdict

N/A, EIRP less than 12.14 dbm/MHz

5.9. Carrier Sense Capability

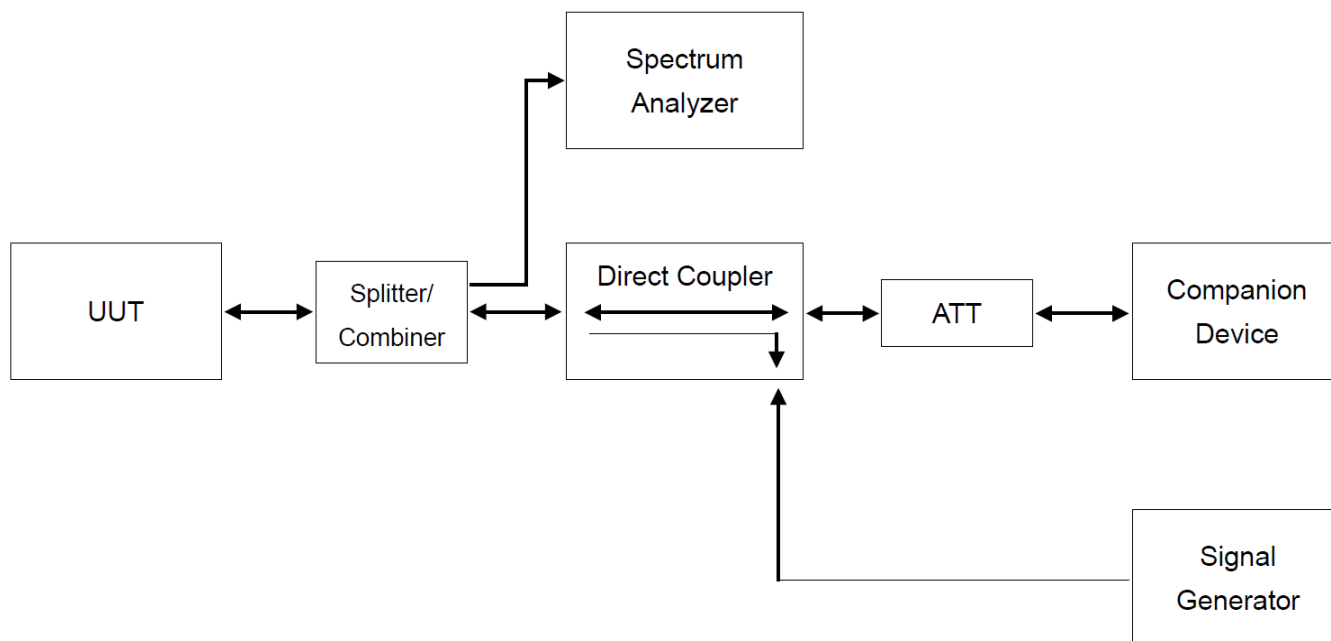
Limit

Stop transmission for interference signal level above 100mV/m (or level at $22.79 + Gr - 20 \cdot \log(f)$ [dBm])

f: indicated frequency in MHz

Gr: indicated the antenna gain in dBi

Block diagram of Test Setup



Test Procedures

1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG. Then turn off the RF signal of SG.
2. EUT have transmitted the maximum modulation signal and fixed channelize.
3. Set the Spectrum per the above form.
4. SG RF signal on, and adjust the signal level until the EUT stop transmission at the tested frequency. Record the signal level.
5. EUT shall be stop the transmission and SG RF signal off. Then EUT will be continuously transmitted signal.

Verdict

Pass

Type	Test Channel	Result
802.11n(HT40)	L,M,H	Acceptance
802.11ax(HE40)	L,M,H	Acceptance

6. Test setup photo

Refer to appendix I for details

7. Photo of the EUT

Refer to appendix II for details

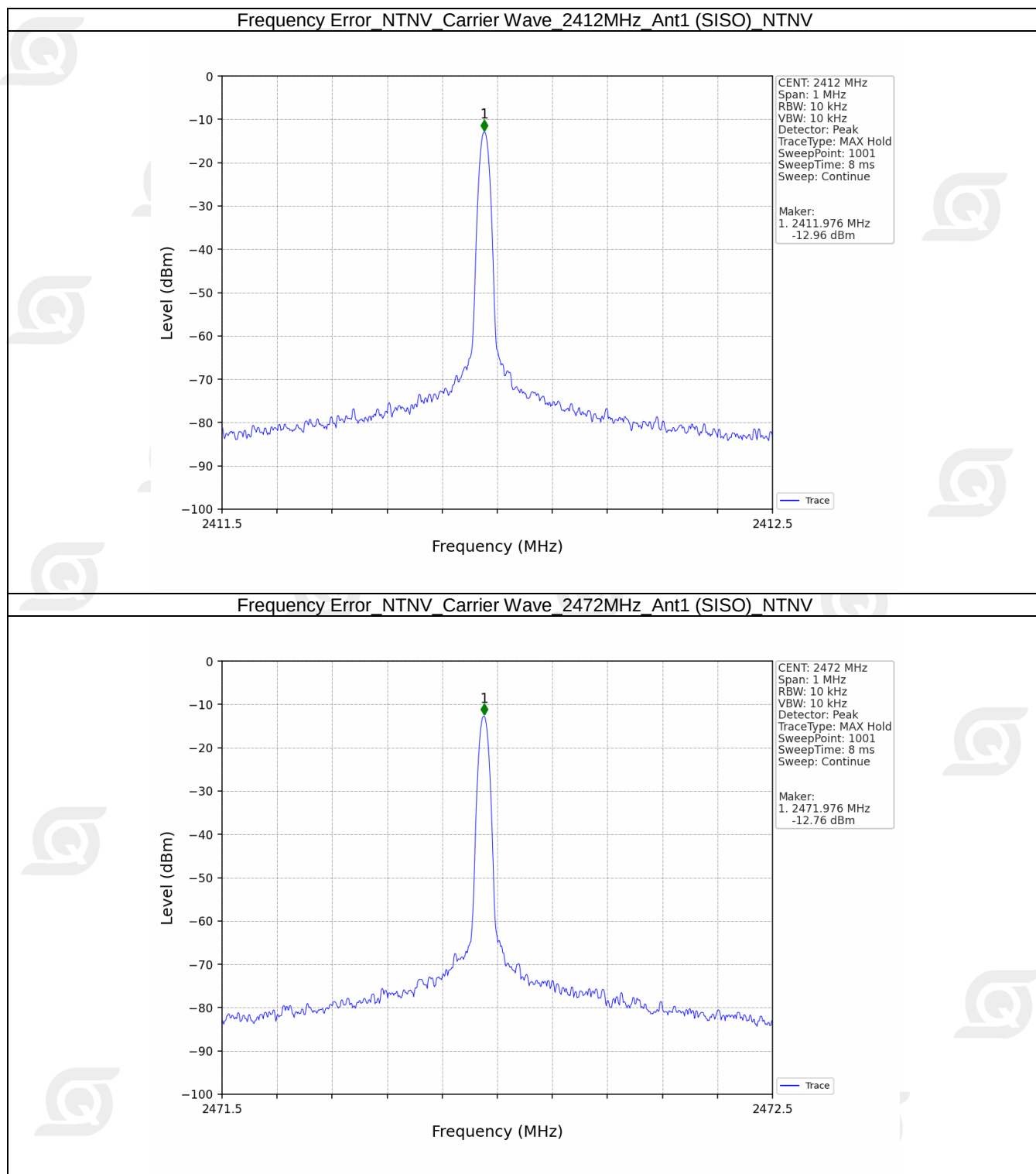
8. Test Result

1. Frequency Error

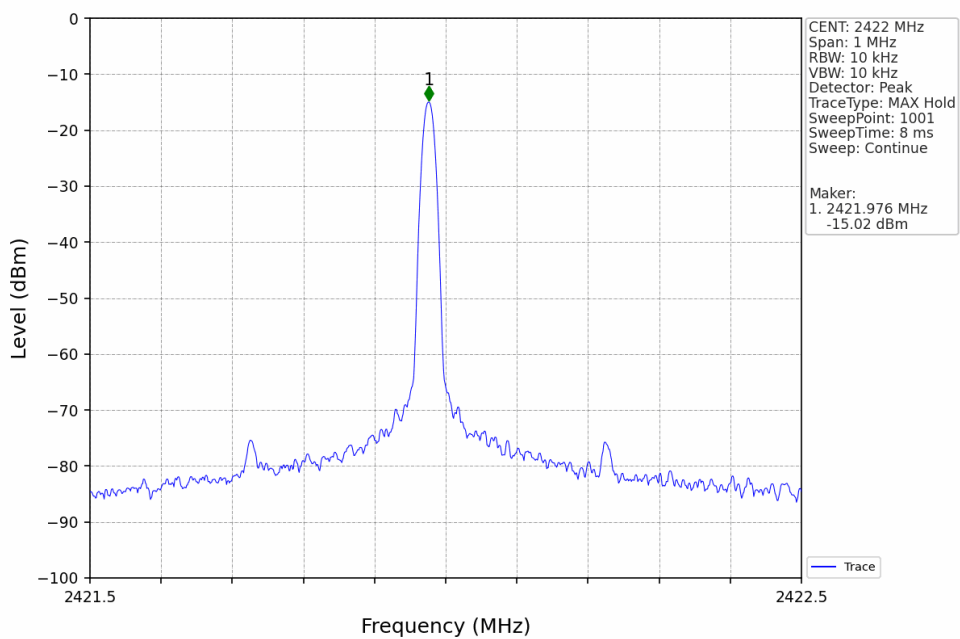
1.1 Test Result

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	2412	2411.976	-9.95	-50 to 50	Pass
			2472	2471.976	-9.71	-50 to 50	Pass
			2422	2421.976	-9.91	-50 to 50	Pass
			2462	2461.976	-9.75	-50 to 50	Pass

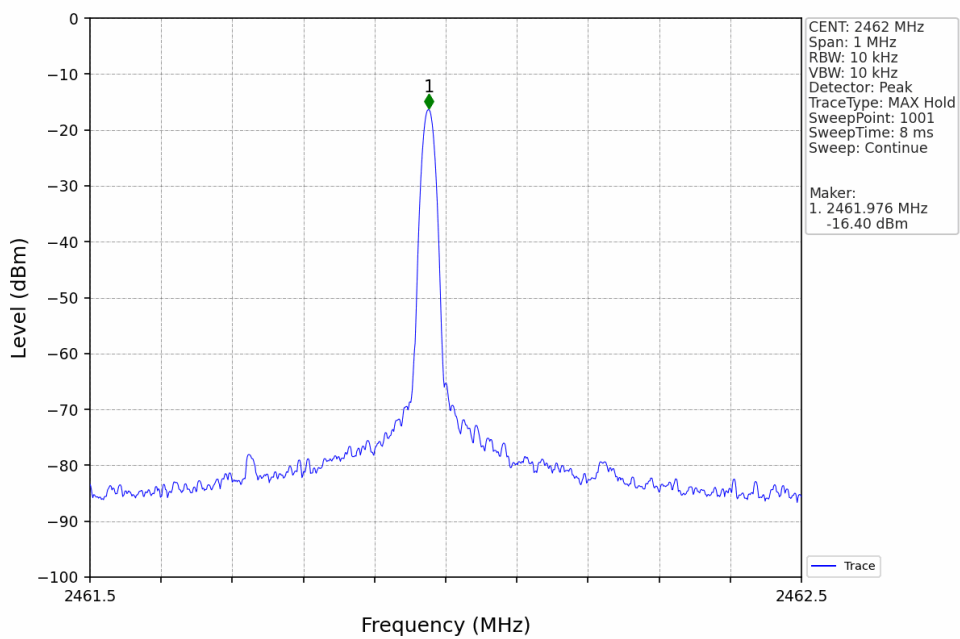
1.2 Test Graph



Frequency Error_NTNV_Carrier Wave 2422MHz_Ant1 (SISO)_NTNV



Frequency Error_NTNV_Carrier Wave_2462MHz_Ant1 (SISO)_NTNV

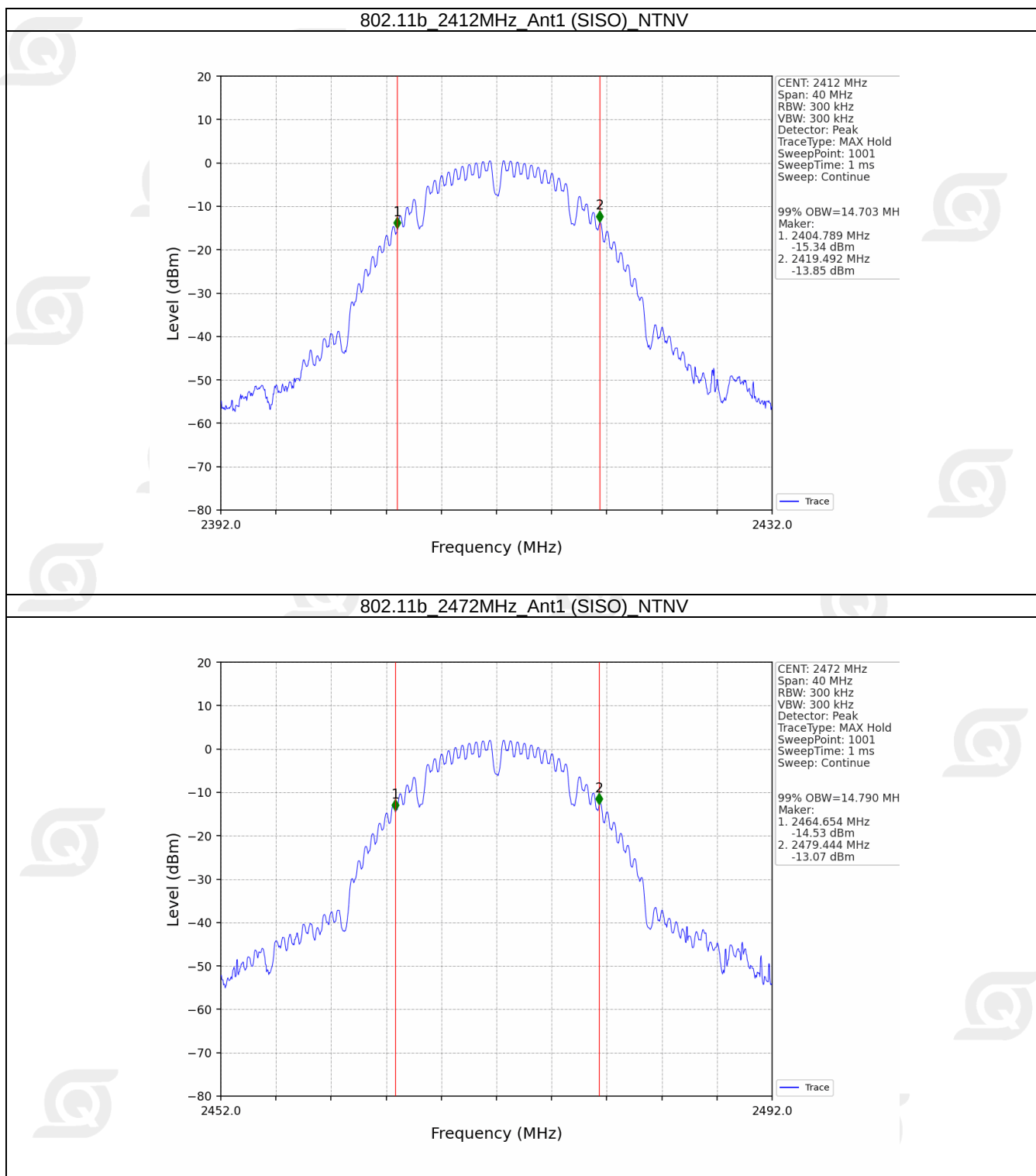


2. Occupied Bandwidth

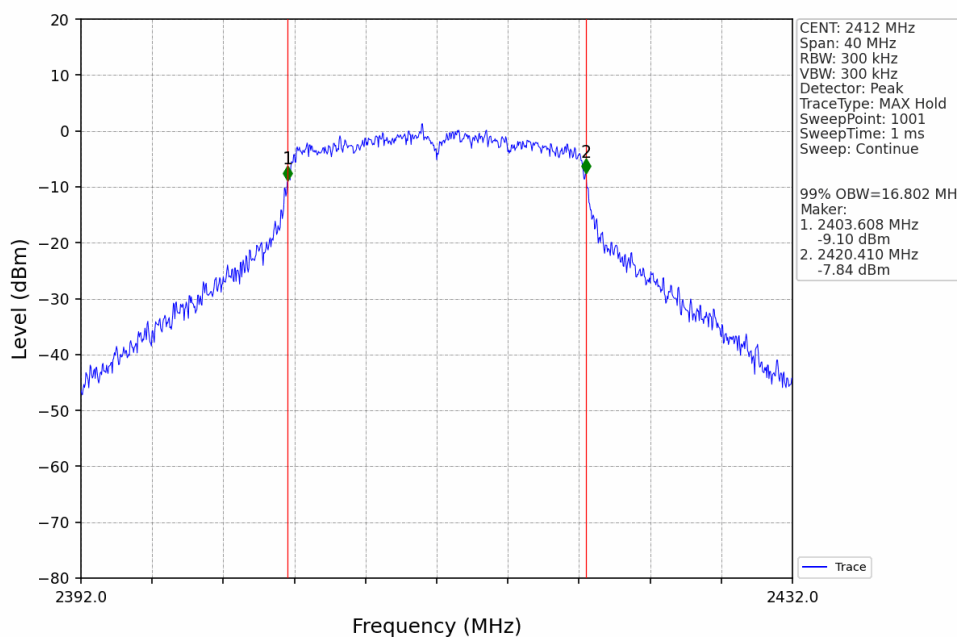
2.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	99% Occupied Bandwidth (MHz)		Verdict
						ANT1	Limit	
NTNV	802.11b	SISO	2412	/	/	14.703	<=26	Pass
			2472	/	/	14.790	<=26	Pass
	802.11g	SISO	2412	/	/	16.802	<=26	Pass
			2472	/	/	16.796	<=26	Pass
	802.11n (HT20)	SISO	2412	/	/	17.915	<=26	Pass
			2472	/	/	17.878	<=26	Pass
	802.11n (HT40)	SISO	2422	/	/	36.103	<=40	Pass
			2462	/	/	36.092	<=40	Pass
	802.11ax (HEW20)	SISO	2412	SU	/	19.057	<=26	Pass
			2472	SU	/	19.050	<=26	Pass
	802.11ax (HEW40)	SISO	2422	SU	/	37.651	<=40	Pass
			2462	SU	/	37.645	<=40	Pass

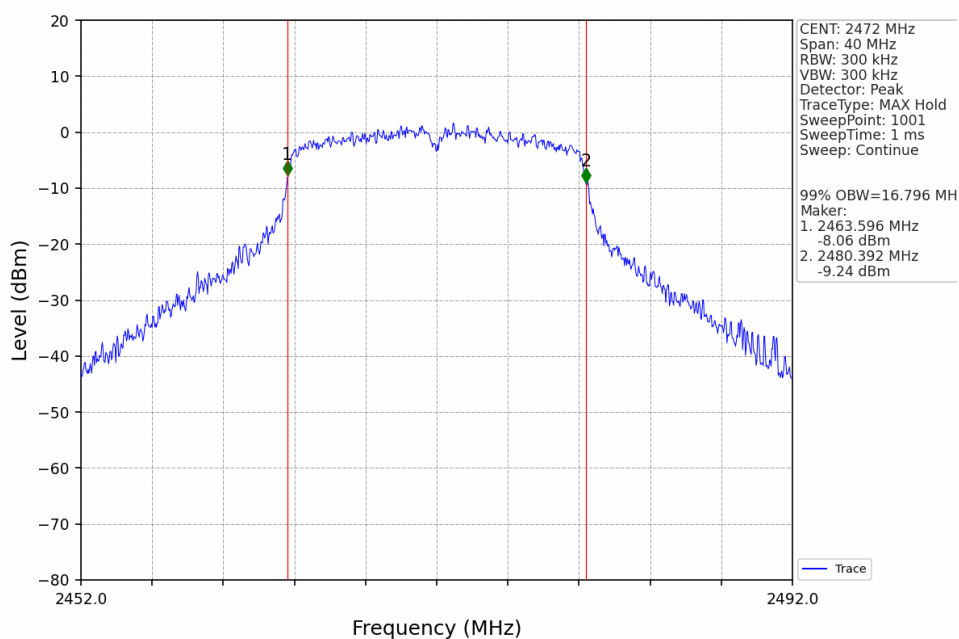
2.2 Test Graph



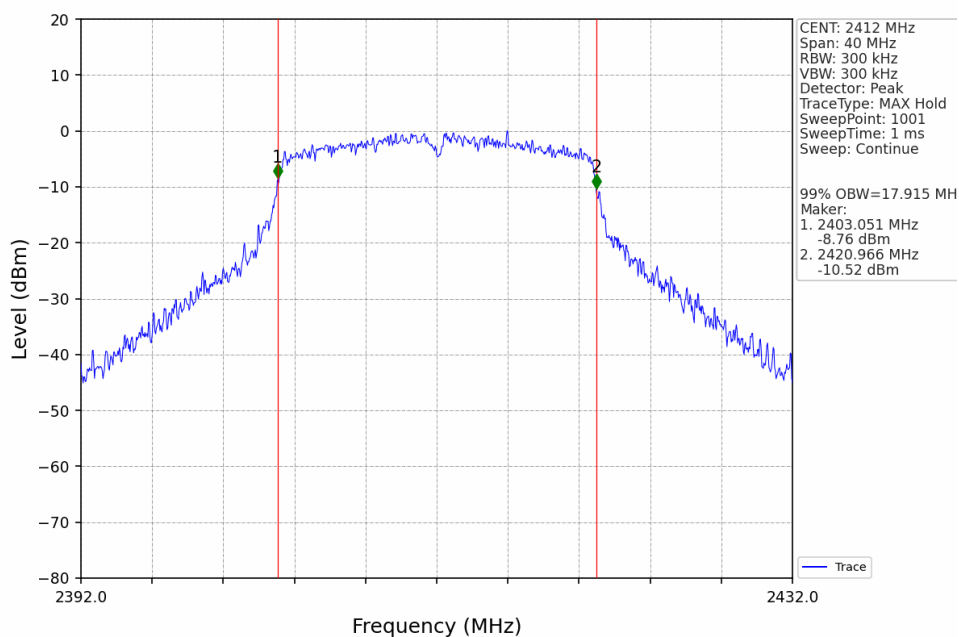
802.11g 2412MHz Ant1 (SISO) NTNV



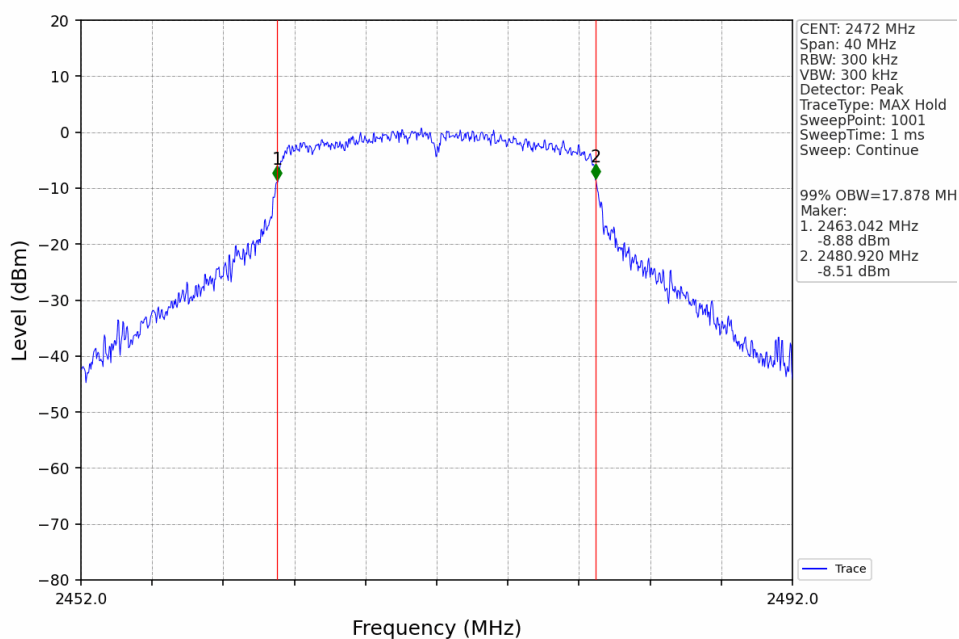
802.11g 2472MHz Ant1 (SISO) NTNV



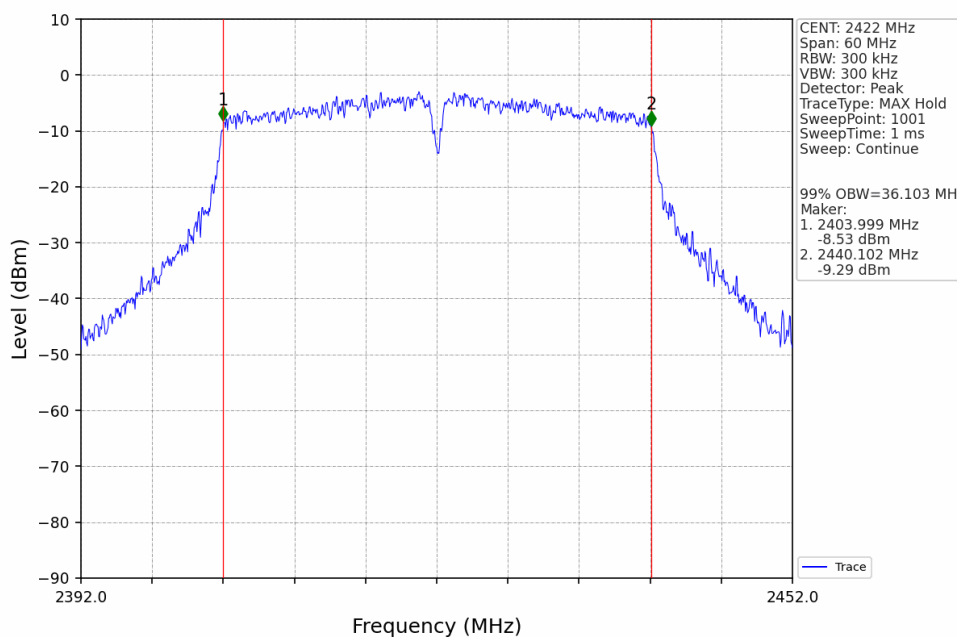
802.11n(HT20) 2412MHz Ant1 (SISO) NTNV



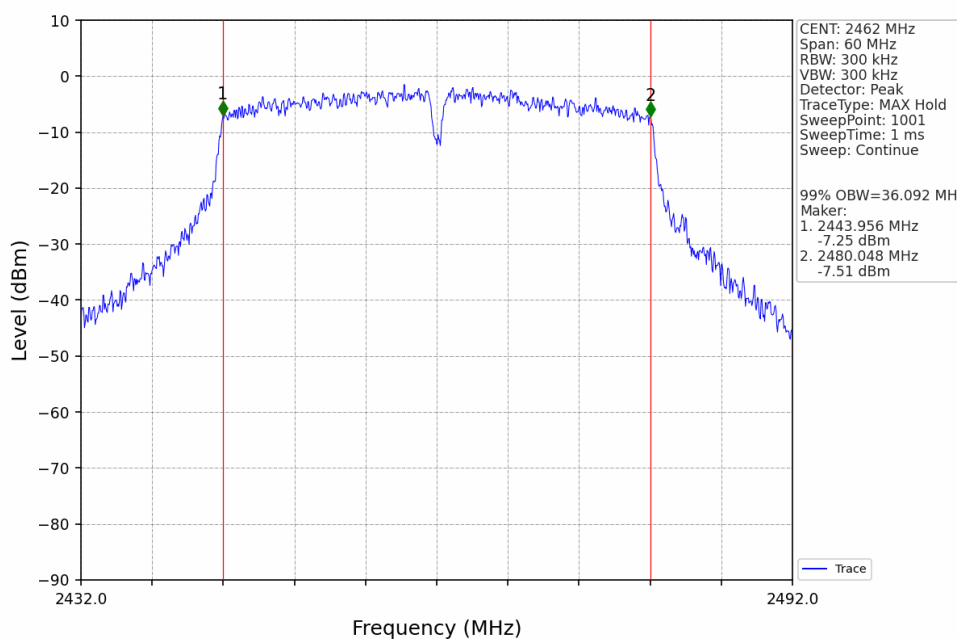
802.11n(HT20) 2472MHz Ant1 (SISO) NTNV



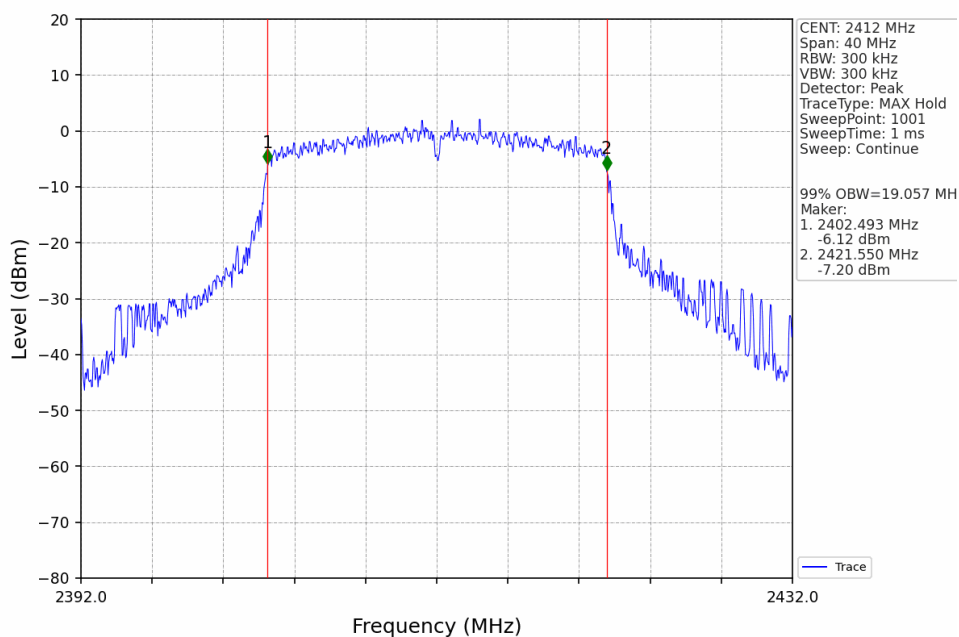
802.11n(HT40) 2422MHz Ant1 (SISO) NTVN



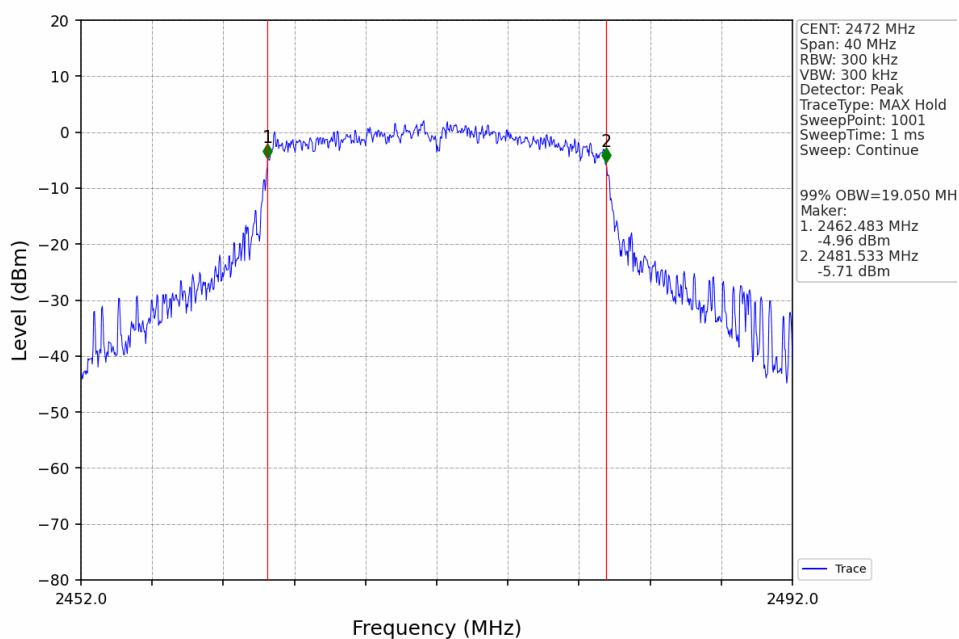
802.11n(HT40) 2462MHz Ant1 (SISO) NTVN



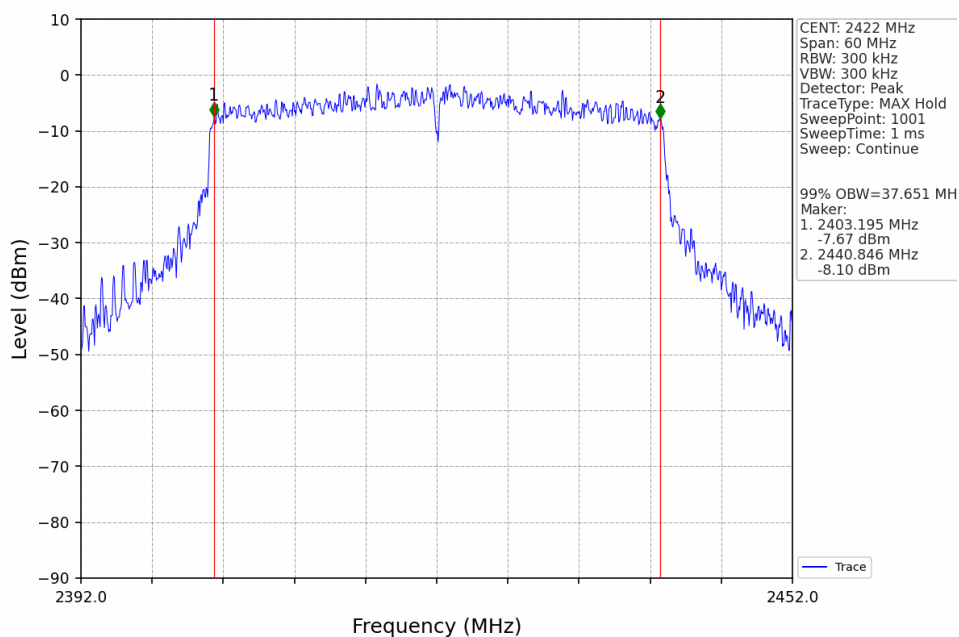
802.11ax(HEW20) 2412MHz SU / Ant1 (SISO) NTVN



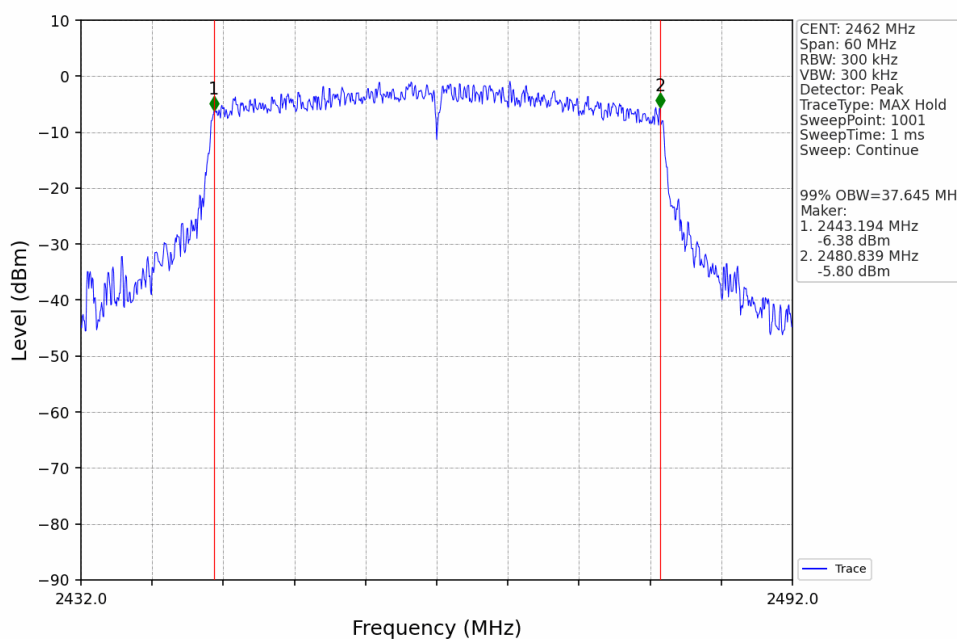
802.11ax(HEW20) 2472MHz SU / Ant1 (SISO) NTVN



802.11ax(HEW40) 2422MHz SU / Ant1 (SISO) NTNV



802.11ax(HEW40) 2462MHz SU / Ant1 (SISO) NTNV



3. Antenna Power

3.1 Test Result

3.1.1 Power

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
							Measured	Limit		Measured	Limit	
NTNV	802.11b	SISO	2412	/	/	1	1.080	<=10.00	1.5	-28.00	<=20	Pass
			2472	/	/	1	1.526	<=10.00	1.5	1.73	<=20	Pass
	802.11g	SISO	2412	/	/	1	0.602	<=10.00	0.8	-24.75	<=20	Pass
			2472	/	/	1	0.712	<=10.00	0.8	-11.00	<=20	Pass
	802.11n (HT20)	SISO	2412	/	/	1	0.639	<=10.00	0.8	-20.13	<=20	Pass
			2472	/	/	1	0.649	<=10.00	0.8	-18.88	<=20	Pass
	802.11n (HT40)	SISO	2422	/	/	1	0.292	<=5.00	0.4	-27.00	<=20	Pass
			2462	/	/	1	0.369	<=5.00	0.4	-7.75	<=20	Pass
	802.11ax (HEW20)	SISO	2412	SU	/	1	0.447	<=10.00	0.8	-44.13	<=20	Pass
			2472	SU	/	1	0.754	<=10.00	0.8	-5.75	<=20	Pass
	802.11ax (HEW40)	SISO	2422	SU	/	1	0.303	<=5.00	0.5	-39.40	<=20	Pass
			2462	SU	/	1	0.401	<=5.00	0.5	-19.80	<=20	Pass

3.1.2 EIRP

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Gain (dBi)	EIRP (dBm/MHz)		Verdict
								Result	Limit	
NTNV	802.11b	SISO	2412	/	/	1	1.48	1.82	<=12.14	Pass
			2472	/	/	1	1.48	3.32	<=12.14	Pass
	802.11g	SISO	2412	/	/	1	1.48	-0.73	<=12.14	Pass
			2472	/	/	1	1.48	0.00	<=12.14	Pass
	802.11n (HT20)	SISO	2412	/	/	1	1.48	-0.46	<=12.14	Pass
			2472	/	/	1	1.48	-0.40	<=12.14	Pass
	802.11n (HT40)	SISO	2422	/	/	1	1.48	-3.86	<=9.13	Pass
			2462	/	/	1	1.48	-2.85	<=9.13	Pass
	802.11ax (HEW20)	SISO	2412	SU	/	1	1.48	-2.01	<=12.14	Pass
			2472	SU	/	1	1.48	0.26	<=12.14	Pass
	802.11ax (HEW40)	SISO	2422	SU	/	1	1.48	-3.70	<=9.13	Pass
			2462	SU	/	1	1.48	-2.49	<=9.13	Pass

4. Spurious Emission Intensity

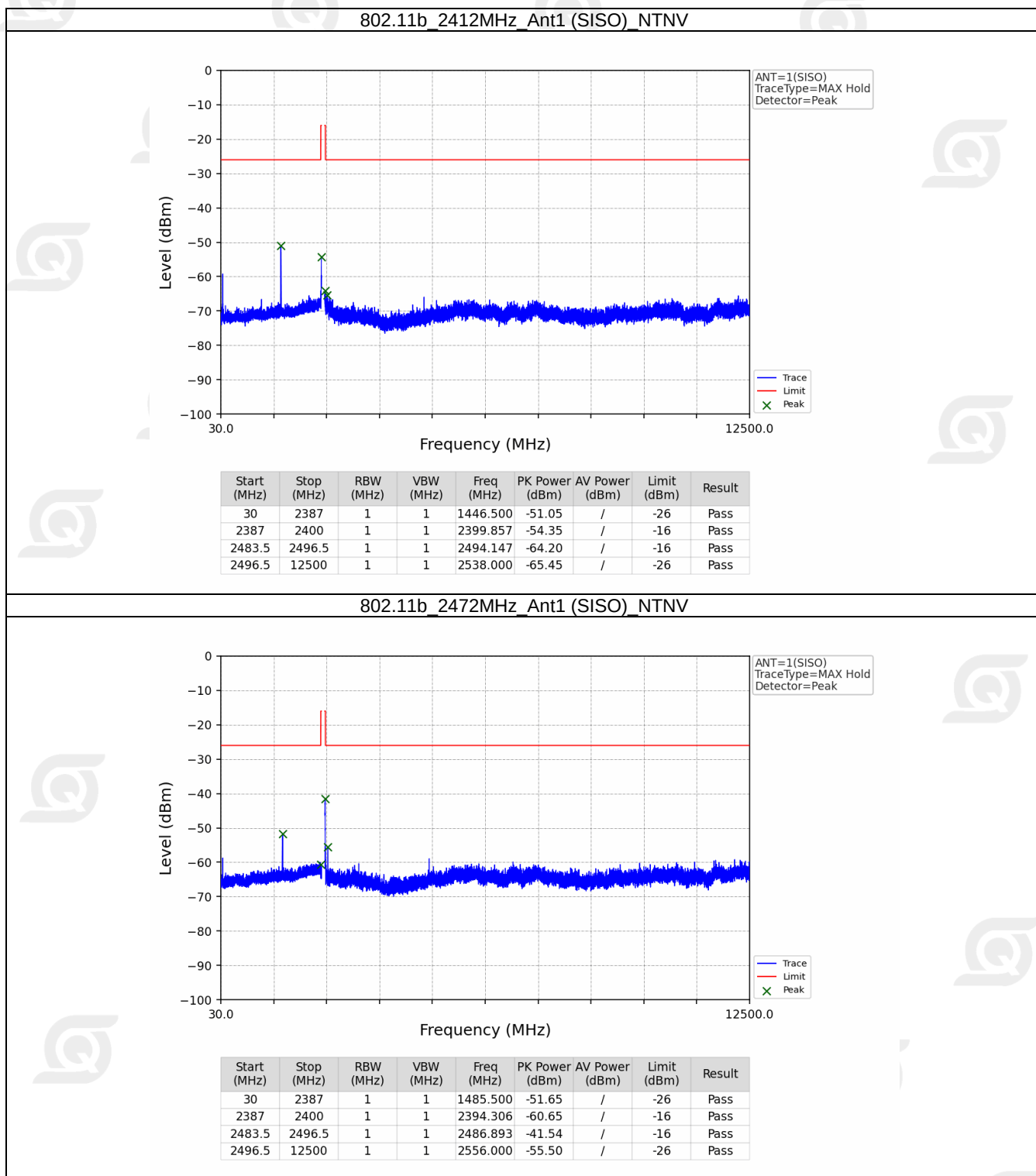
4.1 Test Result

4.1.1 TxSe_NTNV

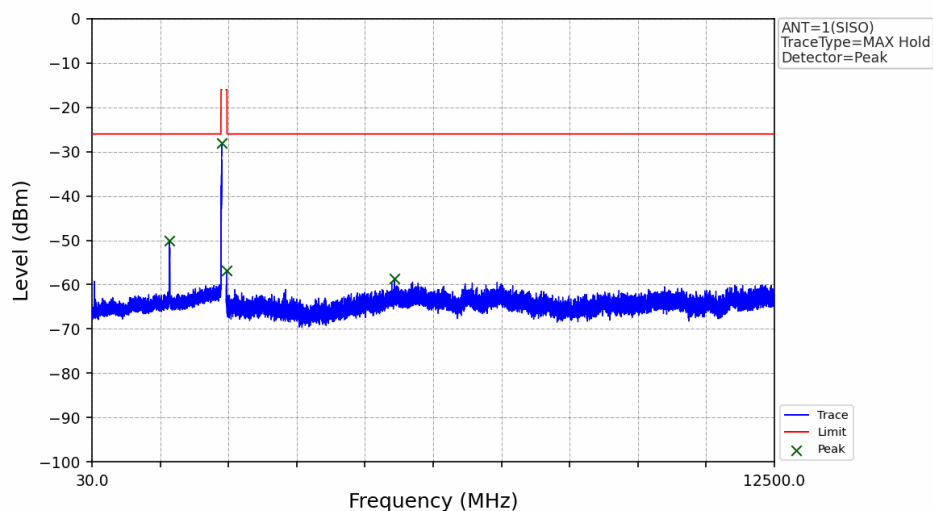
NTNV														
Mode	TX Type	Freq. (MHz)	RU	RU Pos	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
						Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
802.11b	SISO	2412	/	/	1	30	2387	1446.5	-51.05	0.008	/	/	2.5	Pass
						2387	2400	2399.857	-54.35	0.004	/	/	25	Pass
						2483.5	2496.5	2494.147	-64.20	0.000	/	/	25	Pass
						2496.5	12500	2538	-65.45	0.000	/	/	2.5	Pass
		2472	/	/	1	30	2387	1485.5	-51.65	0.007	/	/	2.5	Pass
						2387	2400	2394.306	-60.65	0.001	/	/	25	Pass
						2483.5	2496.5	2486.893	-41.54	0.070	/	/	25	Pass
						2496.5	12500	2556	-55.50	0.003	/	/	2.5	Pass
802.11g	SISO	2412	/	/	1	30	2387	1449.5	-50.06	0.010	/	/	2.5	Pass
						2387	2400	2399.805	-28.12	1.542	/	/	25	Pass
						2483.5	2496.5	2495.421	-56.75	0.002	/	/	25	Pass
						2496.5	12500	5558.5	-58.63	0.001	/	/	2.5	Pass
		2472	/	/	1	30	2387	1486	-51.74	0.007	/	/	2.5	Pass
						2387	2400	2394.592	-55.35	0.003	/	/	25	Pass
						2483.5	2496.5	2483.851	-22.87	5.164	/	/	25	Pass
						2496.5	12500	2497	-52.09	0.006	/	/	2.5	Pass
802.11n (HT20)	SISO	2412	/	/	1	30	2387	1450.5	-50.34	0.009	/	/	2.5	Pass
						2387	2400	2399.779	-27.66	1.714	/	/	25	Pass
						2483.5	2496.5	2484.098	-54.54	0.004	/	/	25	Pass
						2496.5	12500	2614	-50.40	0.009	/	/	2.5	Pass
		2472	/	/	1	30	2387	1482.5	-51.69	0.007	/	/	2.5	Pass
						2387	2400	2398.895	-52.58	0.006	/	/	25	Pass
						2483.5	2496.5	2483.617	-24.15	3.846	/	/	25	Pass
						2496.5	12500	2498	-49.28	0.012	/	/	2.5	Pass
802.11n (HT40)	SISO	2422	/	/	1	30	2387	2386	-41.87	0.065	/	/	2.5	Pass
						2387	2400	2399.584	-32.83	0.521	/	/	25	Pass
						2483.5	2496.5	2483.942	-56.65	0.002	/	/	25	Pass
						2496.5	12500	5810.5	-64.90	0.000	/	/	2.5	Pass
		2462	/	/	1	30	2387	1475	-52.94	0.005	/	/	2.5	Pass
						2387	2400	2391.316	-51.72	0.007	/	/	25	Pass
						2483.5	2496.5	2483.656	-27.20	1.905	/	/	25	Pass
						2496.5	12500	2498.5	-42.64	0.054	/	/	2.5	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	30	2387	1447.5	-49.41	0.011	/	/	2.5	Pass
						2387	2400	2399.922	-26.39	2.296	/	/	25	Pass
						2483.5	2496.5	2489.987	-56.95	0.002	/	/	25	Pass
						2496.5	12500	2613.5	-46.86	0.021	/	/	2.5	Pass
		2472	SU	/	1	30	2387	1484.5	-52.17	0.006	/	/	2.5	Pass
						2387	2400	2398.947	-53.90	0.004	/	/	25	Pass
						2483.5	2496.5	2483.734	-22.62	5.470	/	/	25	Pass
						2496.5	12500	2497.5	-47.06	0.020	/	/	2.5	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	30	2387	2380.5	-48.32	0.015	/	/	2.5	Pass
						2387	2400	2399.194	-32.79	0.526	/	/	25	Pass
						2483.5	2496.5	2495.343	-55.45	0.003	/	/	25	Pass
						2496.5	12500	2518.5	-53.74	0.004	/	/	2.5	Pass
		2462	SU	/	1	30	2387	1483.5	-54.00	0.004	/	/	2.5	Pass
						2387	2400	2398.609	-54.42	0.004	/	/	25	Pass
						2483.5	2496.5	2483.604	-27.03	1.982	/	/	25	Pass
						2496.5	12500	2500.5	-41.19	0.076	/	/	2.5	Pass

4.2 Test Graph

4.2.1 TxSe_NTNV

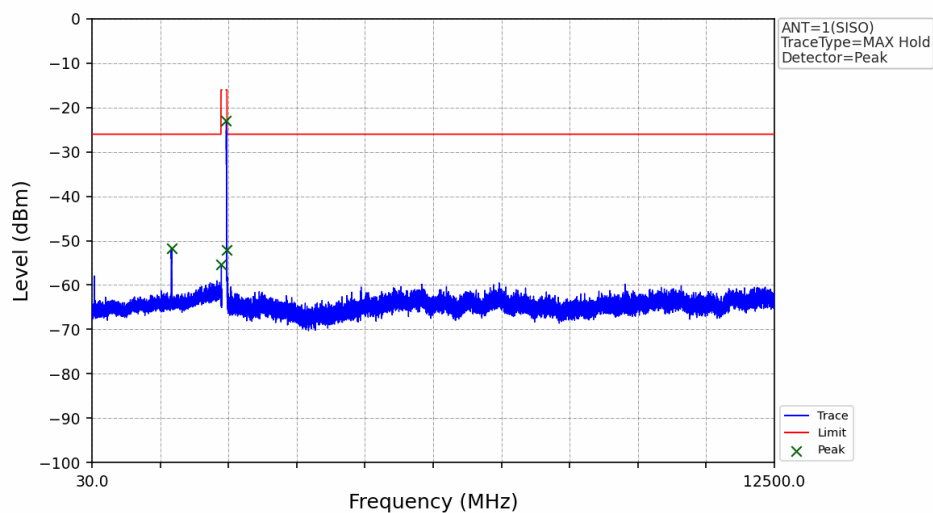


802.11g 2412MHz Ant1 (SISO) NTN



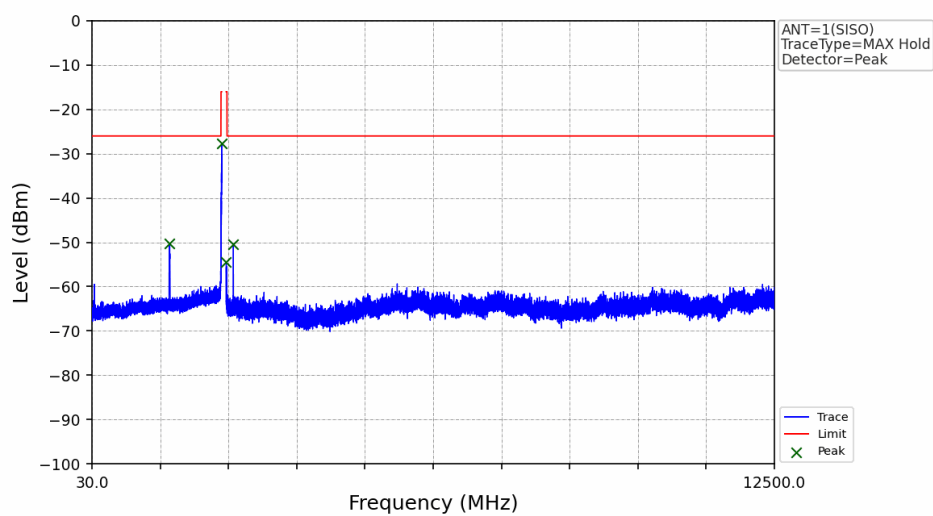
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1449.500	-50.06	/	-26	Pass
2387	2400	1	1	2399.805	-28.12	/	-16	Pass
2483.5	2496.5	1	1	2495.421	-56.75	/	-16	Pass
2496.5	12500	1	1	5558.500	-58.63	/	-26	Pass

802.11g 2472MHz Ant1 (SISO) NTN



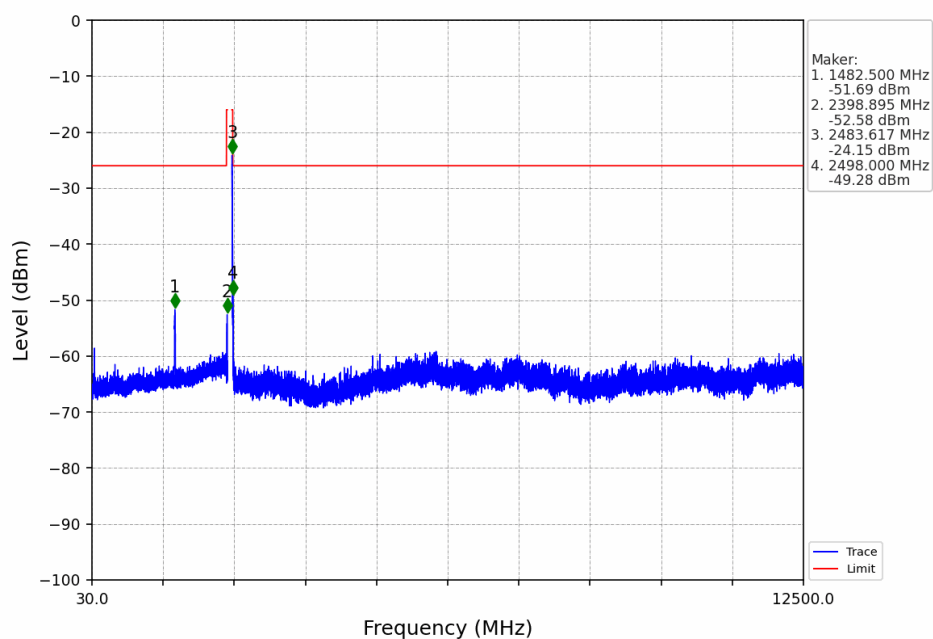
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1486.000	-51.74	/	-26	Pass
2387	2400	1	1	2394.592	-55.35	/	-16	Pass
2483.5	2496.5	1	1	2483.851	-22.87	/	-16	Pass
2496.5	12500	1	1	2497.000	-52.09	/	-26	Pass

802.11n(HT20) 2412MHz Ant1 (SISO) NTNV

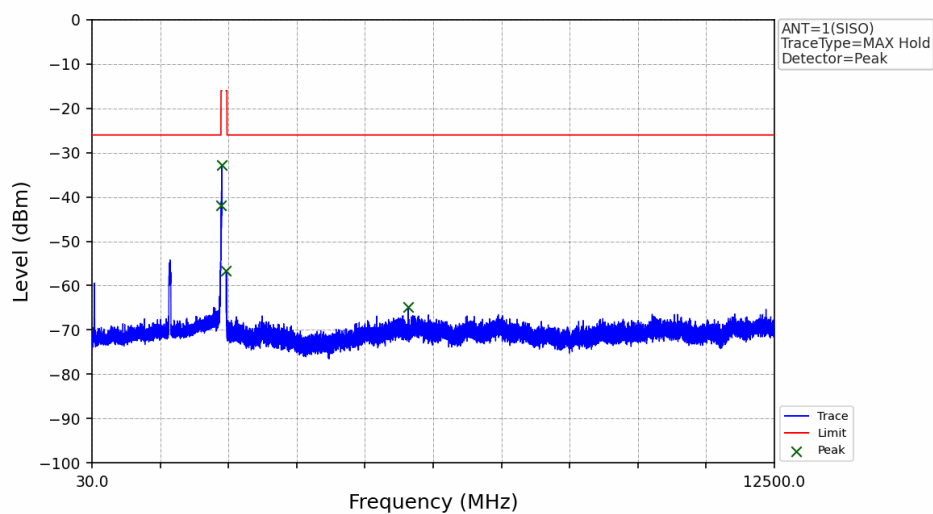


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1450.500	-50.34	/	-26	Pass
2387	2400	1	1	2399.779	-27.66	/	-16	Pass
2483.5	2496.5	1	1	2484.098	-54.54	/	-16	Pass
2496.5	12500	1	1	2614.000	-50.40	/	-26	Pass

802.11n(HT20) 2472MHz Ant1 (SISO) NTNV

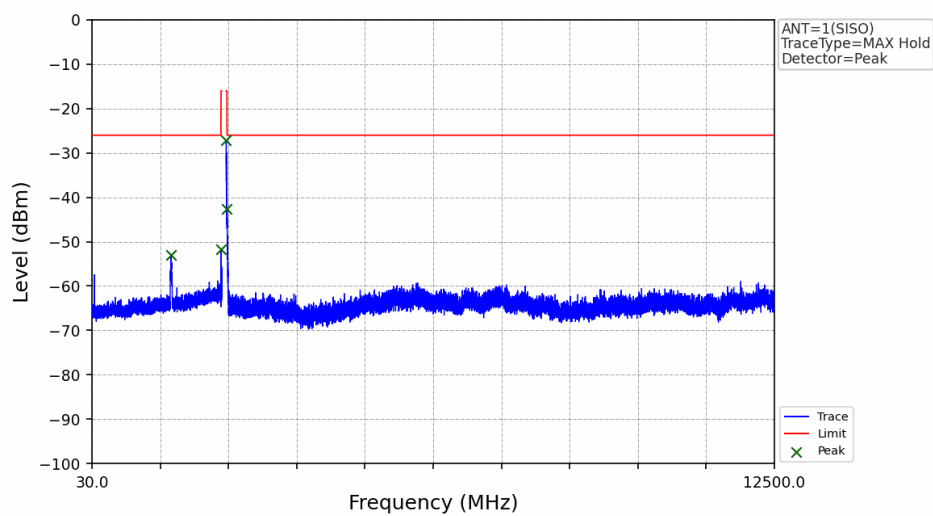


802.11n(HT40)_2422MHz_Ant1 (SISO)_NTNV



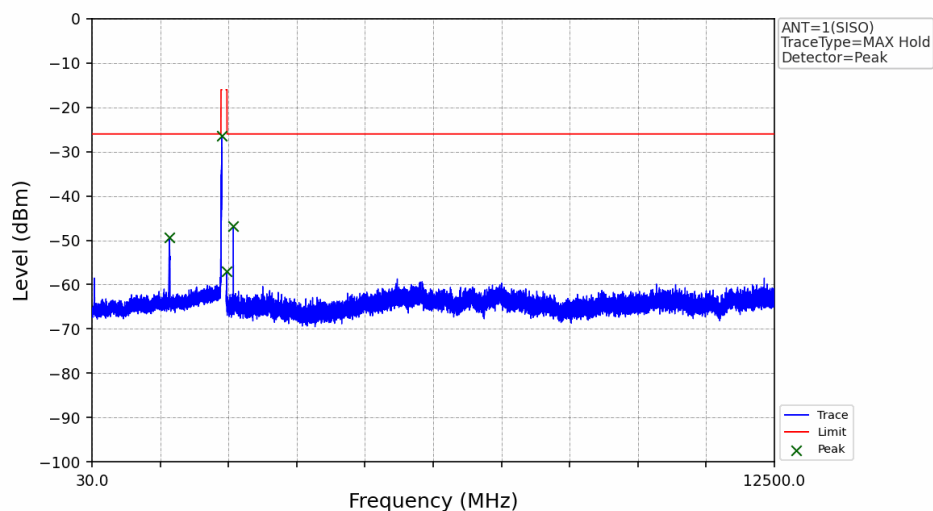
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2386.000	-41.87	/	-26	Pass
2387	2400	1	1	2399.584	-32.83	/	-16	Pass
2483.5	2496.5	1	1	2483.942	-56.65	/	-16	Pass
2496.5	12500	1	1	5810.500	-64.90	/	-26	Pass

802.11n(HT40)_2462MHz_Ant1 (SISO)_NTNV



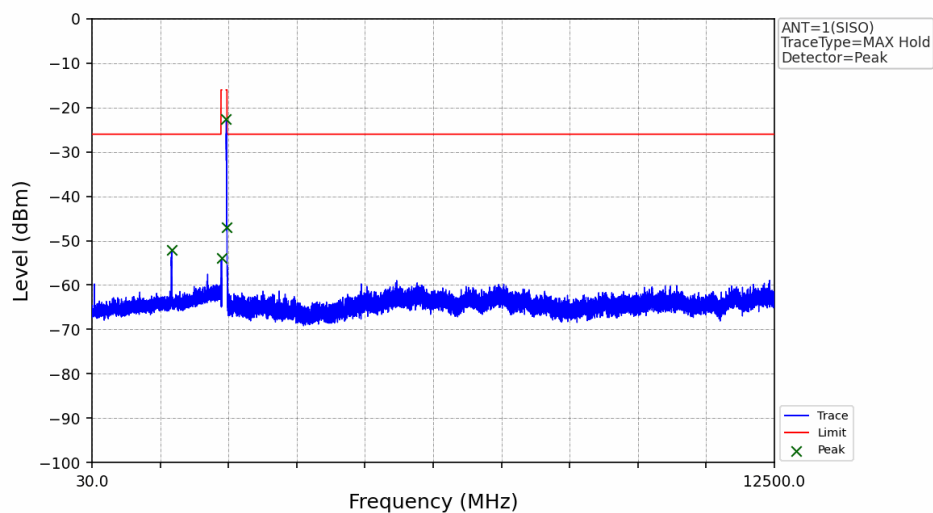
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1475.000	-52.94	/	-26	Pass
2387	2400	1	1	2391.316	-51.72	/	-16	Pass
2483.5	2496.5	1	1	2483.656	-27.20	/	-16	Pass
2496.5	12500	1	1	2498.500	-42.64	/	-26	Pass

802.11ax(HEW20) 2412MHz SU / Ant1 (SISO) NTVN



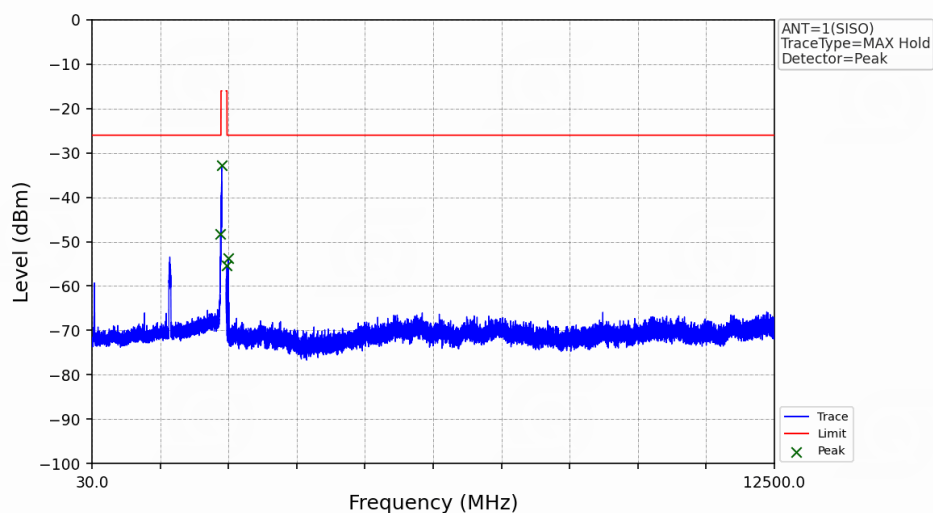
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1447.500	-49.41	/	-26	Pass
2387	2400	1	1	2399.922	-26.39	/	-16	Pass
2483.5	2496.5	1	1	2489.987	-56.95	/	-16	Pass
2496.5	12500	1	1	2613.500	-46.86	/	-26	Pass

802.11ax(HEW20) 2472MHz SU / Ant1 (SISO) NTVN



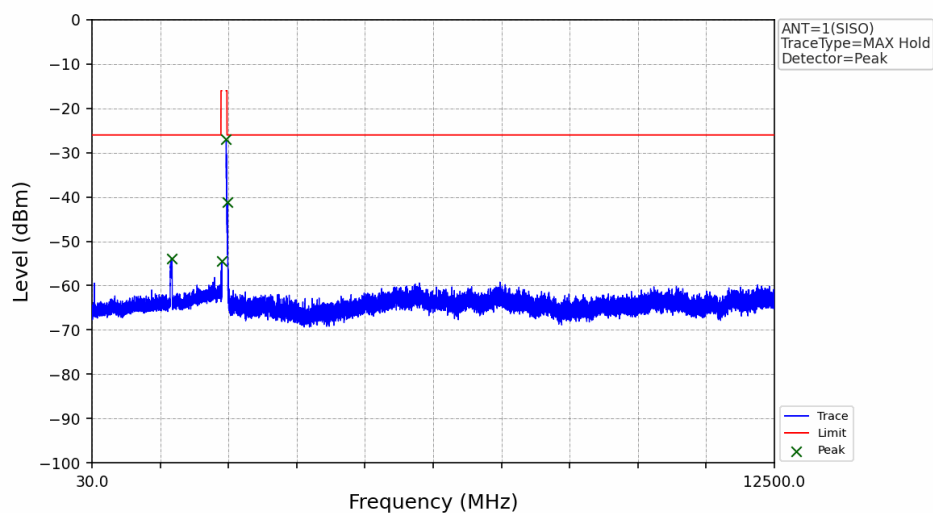
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1484.500	-52.17	/	-26	Pass
2387	2400	1	1	2398.947	-53.90	/	-16	Pass
2483.5	2496.5	1	1	2483.734	-22.62	/	-16	Pass
2496.5	12500	1	1	2497.500	-47.06	/	-26	Pass

802.11ax(HEW40) 2422MHz SU / Ant1 (SISO) NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2380.500	-48.32	/	-26	Pass
2387	2400	1	1	2399.194	-32.79	/	-16	Pass
2483.5	2496.5	1	1	2495.343	-55.45	/	-16	Pass
2496.5	12500	1	1	2518.500	-53.74	/	-26	Pass

802.11ax(HEW40) 2462MHz SU / Ant1 (SISO) NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1483.500	-54.00	/	-26	Pass
2387	2400	1	1	2398.609	-54.42	/	-16	Pass
2483.5	2496.5	1	1	2483.604	-27.03	/	-16	Pass
2496.5	12500	1	1	2500.500	-41.19	/	-26	Pass

5. Secondary Radiated Emission

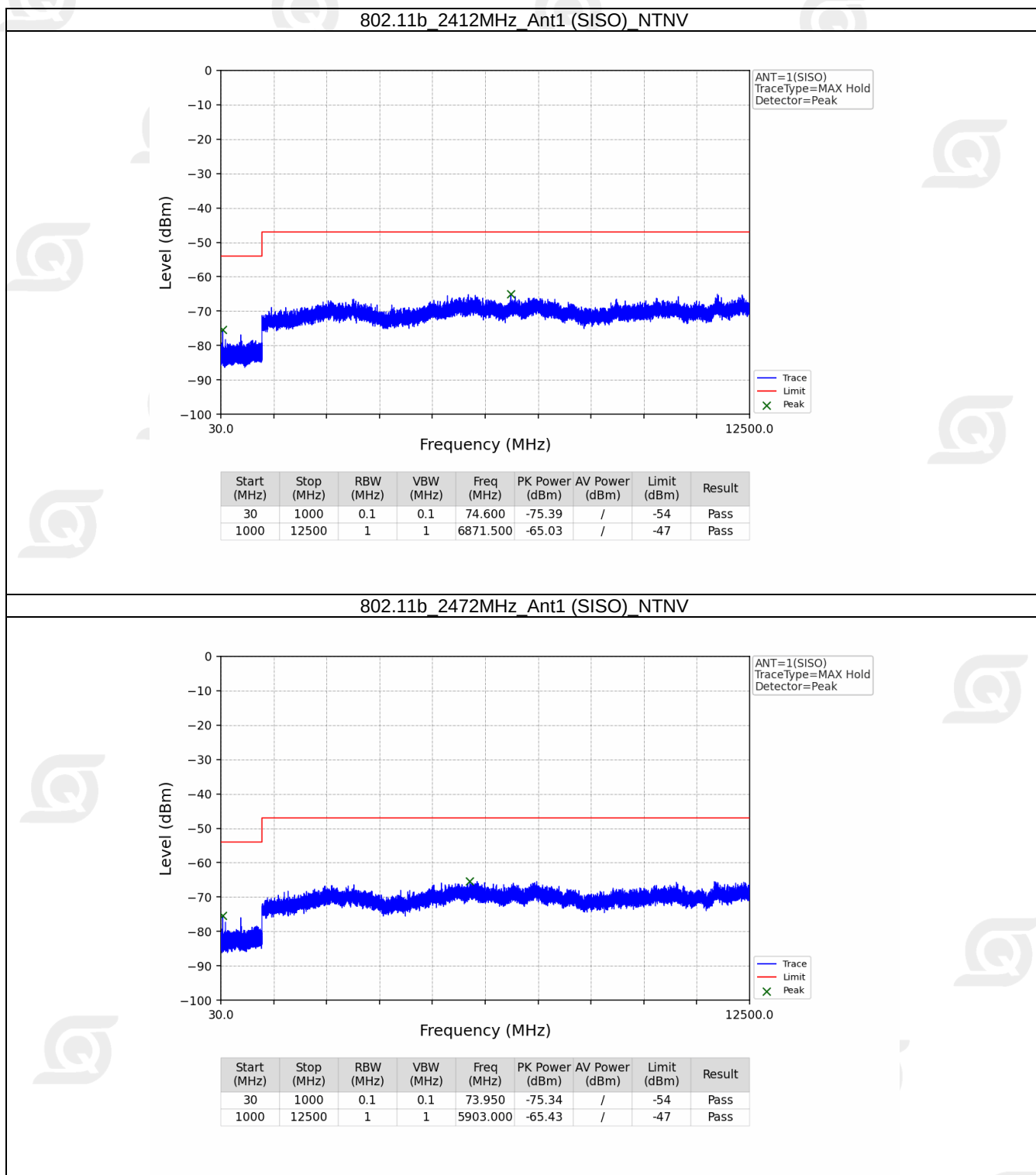
5.1 Test Result

5.1.1 RxSe_NTNV

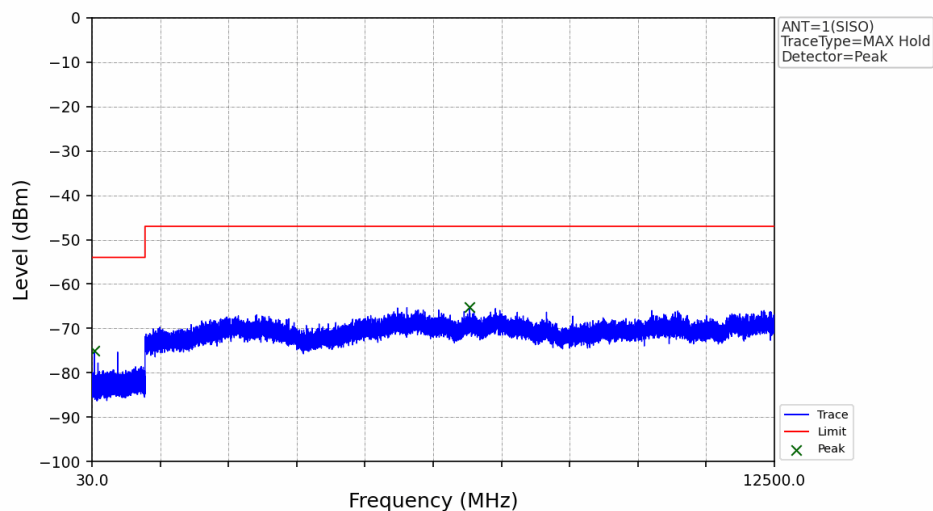
NTNV														
Mode	TX Type	Freq. (MHz)	RU	RU Pos	ANT	Freq. Range		Marker					Limit (nW)	Verdict
						Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
802.11b	SISO	2412	/	/	1	30	1000	74.6	-75.39	0.029	/	/	4	Pass
						1000	12500	6871.5	-65.03	0.314	/	/	20	Pass
		2472	/	/	1	30	1000	73.95	-75.34	0.029	/	/	4	Pass
						1000	12500	5903	-65.43	0.286	/	/	20	Pass
802.11g	SISO	2412	/	/	1	30	1000	74	-75.00	0.032	/	/	4	Pass
						1000	12500	6932	-65.25	0.299	/	/	20	Pass
		2472	/	/	1	30	1000	73.85	-74.69	0.034	/	/	4	Pass
						1000	12500	6001.5	-65.28	0.296	/	/	20	Pass
802.11n (HT20)	SISO	2412	/	/	1	30	1000	73.15	-74.85	0.033	/	/	4	Pass
						1000	12500	12341.5	-65.34	0.292	/	/	20	Pass
		2472	/	/	1	30	1000	500.05	-74.78	0.033	/	/	4	Pass
						1000	12500	6022.5	-64.84	0.328	/	/	20	Pass
802.11n (HT40)	SISO	2422	/	/	1	30	1000	73.95	-74.52	0.035	/	/	4	Pass
						1000	12500	12122.5	-64.39	0.364	/	/	20	Pass
		2462	/	/	1	30	1000	500.05	-75.19	0.030	/	/	4	Pass
						1000	12500	5591	-64.75	0.335	/	/	20	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	30	1000	74.05	-74.84	0.033	/	/	4	Pass
						1000	12500	6037	-64.36	0.366	/	/	20	Pass
		2472	SU	/	1	30	1000	73.2	-74.77	0.033	/	/	4	Pass
						1000	12500	7395.5	-64.90	0.324	/	/	20	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	30	1000	73.1	-74.74	0.034	/	/	4	Pass
						1000	12500	5701.5	-64.70	0.339	/	/	20	Pass
		2462	SU	/	1	30	1000	73.25	-74.43	0.036	/	/	4	Pass
						1000	12500	5896	-65.17	0.304	/	/	20	Pass

5.2 Test Graph

5.2.1 RxSe_NTNV

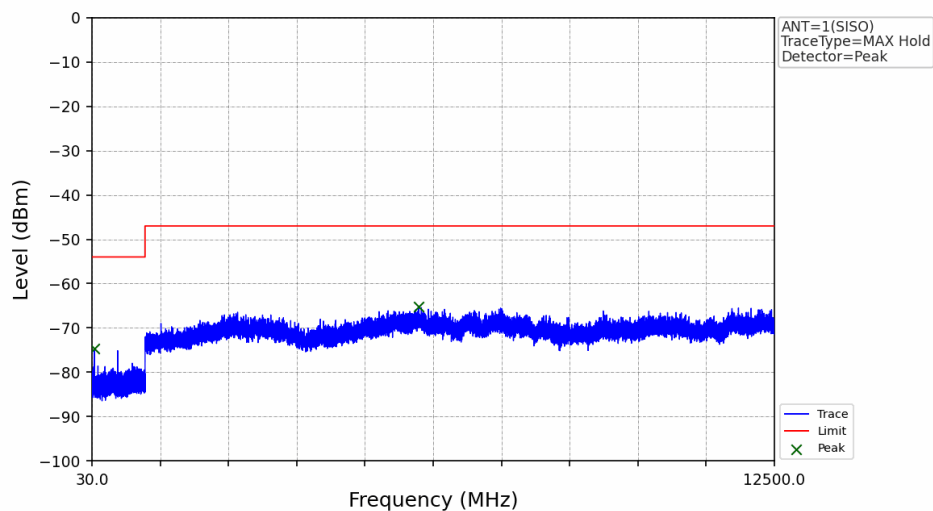


802.11g_2412MHz_Ant1 (SISO)_NTNV



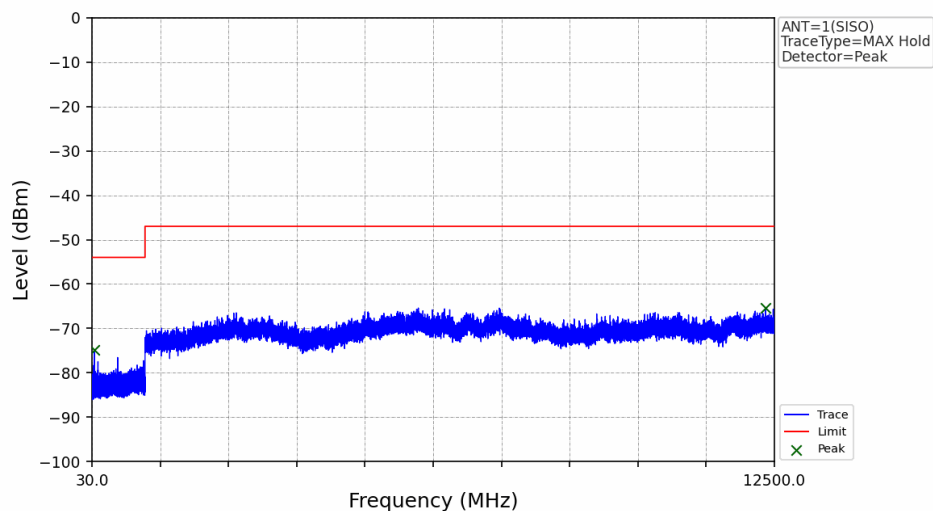
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	74.000	-75.00	/	-54	Pass
1000	12500	1	1	6932.000	-65.25	/	-47	Pass

802.11g_2472MHz_Ant1 (SISO)_NTNV



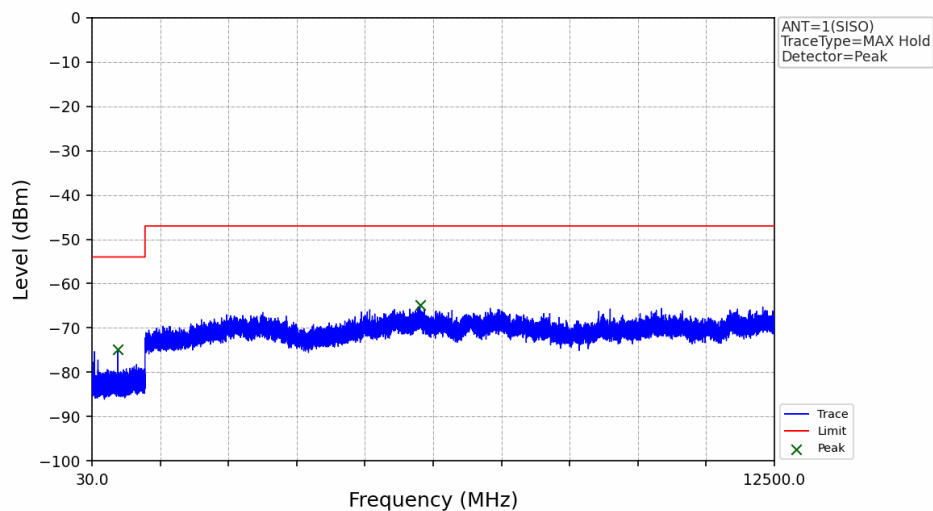
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	73.850	-74.69	/	-54	Pass
1000	12500	1	1	6001.500	-65.28	/	-47	Pass

802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV



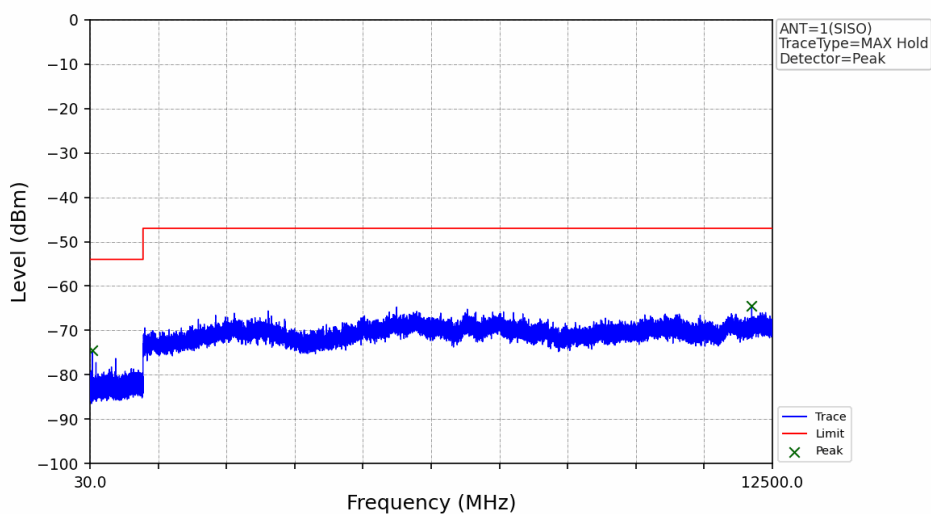
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	73.150	-74.85	/	-54	Pass
1000	12500	1	1	12341.500	-65.34	/	-47	Pass

802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV



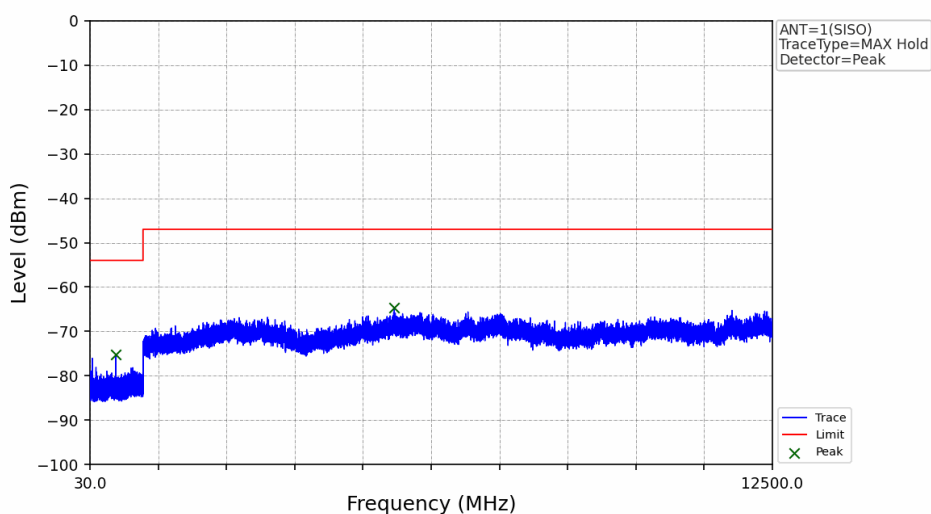
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	500.050	-74.78	/	-54	Pass
1000	12500	1	1	6022.500	-64.84	/	-47	Pass

802.11n(HT40) 2422MHz Ant1 (SISO) NTNV



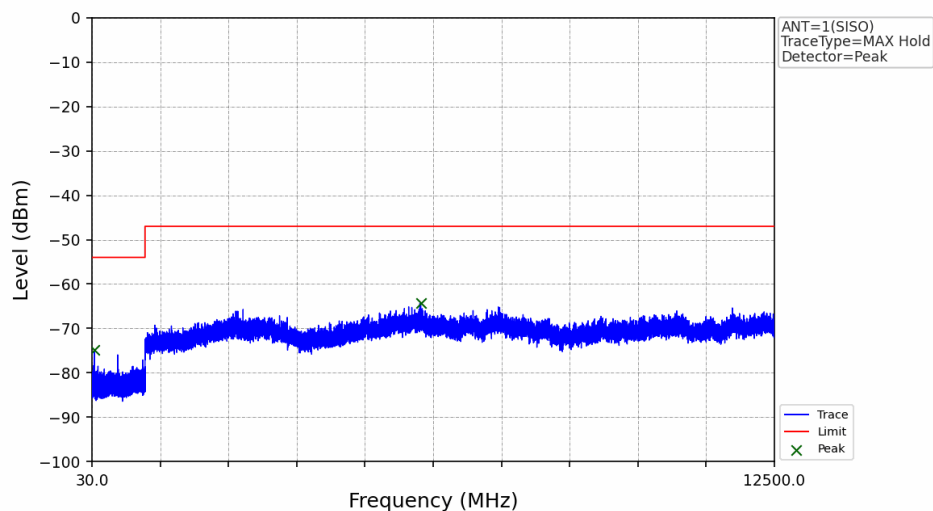
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	73.950	-74.52	/	-54	Pass
1000	12500	1	1	12122.500	-64.39	/	-47	Pass

802.11n(HT40) 2462MHz Ant1 (SISO) NTNV



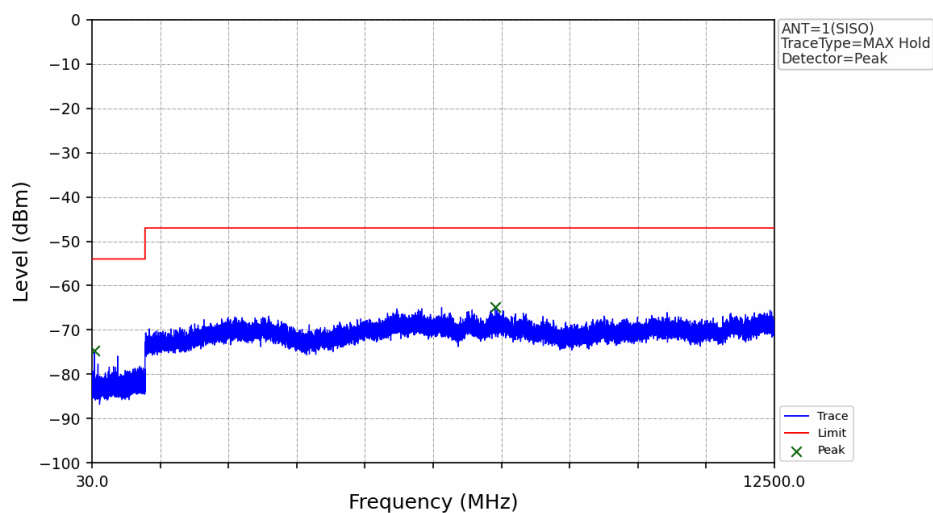
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	500.050	-75.19	/	-54	Pass
1000	12500	1	1	5591.000	-64.75	/	-47	Pass

802.11ax(HEW20) 2412MHz SU / Ant1 (SISO) NTN



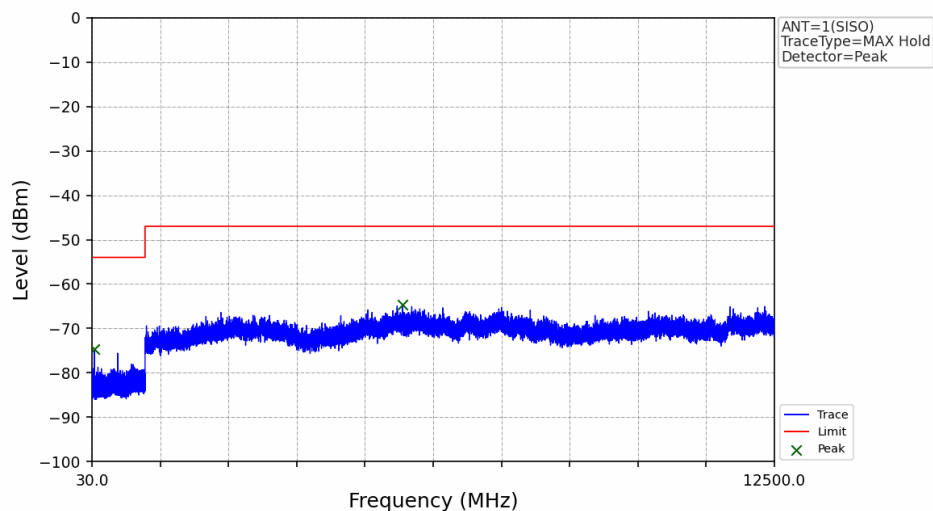
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	74.050	-74.84	/	-54	Pass
1000	12500	1	1	6037.000	-64.36	/	-47	Pass

802.11ax(HEW20) 2472MHz SU / Ant1 (SISO) NTN



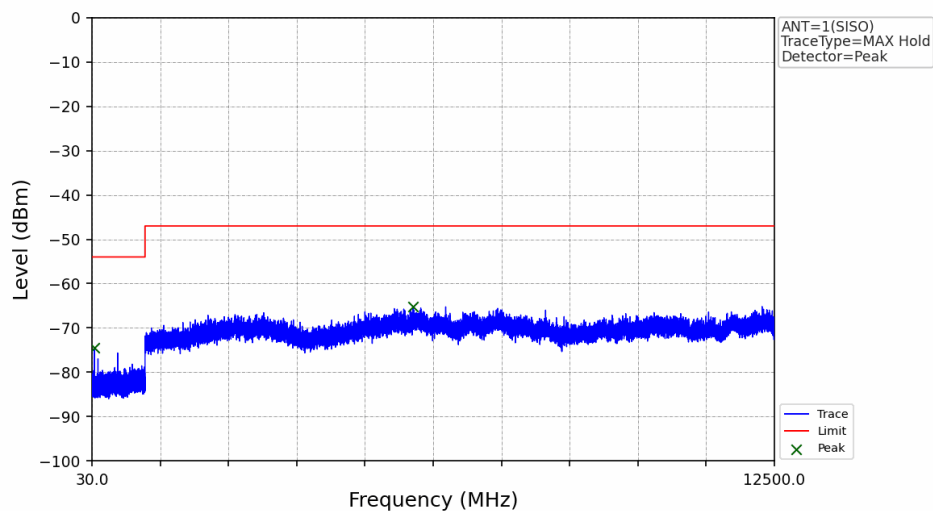
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	73.200	-74.77	/	-54	Pass
1000	12500	1	1	7395.500	-64.90	/	-47	Pass

802.11ax(HEW40) 2422MHz SU / Ant1 (SISO) NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	73.100	-74.74	/	-54	Pass
1000	12500	1	1	5701.500	-64.70	/	-47	Pass

802.11ax(HEW40) 2462MHz SU / Ant1 (SISO) NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	73.250	-74.43	/	-54	Pass
1000	12500	1	1	5896.000	-65.17	/	-47	Pass

*****End of report*****