

TEST REPORT

Applicant: ATOMOS GLOBAL PTY LTD

Address: Level 6,700 Swanston Street Carlton VIC 3053, Australia

Product Name: SHINOBI 7 RX

Model Name: ATOMSHBRX1

Type of Equipment: Certification Ordinance Article 2, Paragraph 1, Item 19-3

Test method(s): DSPR 5 G H z 帯小電力データ通信システムの 特性試験方法

Report Number: 2502Y27382E-RF-07

Report Date: 2025/12/22

The above device has been tested and found compliant with the requirement of the relevant standards by Bay Area Compliance Laboratories Corp. (Dongguan).

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2502Y27382E-RF-07	Original Report	2025/12/22

GENERAL INFORMATION

Product Description for Equipment Under Test (EUT)

Product Name:	SHINOBI 7 RX
Test Model:	ATOMSHBRX1
Rated Input Voltage:	DC 14.8V(7.4V*2) from battery, DC 12V from Adapter
Serial Number:	3B7Q-1
EUT Received Date:	2025/10/14
EUT Received Status:	Good

Accessory Information

Accessory Description	Manufacturer	Model	Parameters
/	/	/	/

Technical Specification

Operation Frequency Range (MHz):	802.11 a/n20/ac20/ax20: 5180-5240MHz, 802.11 n40/ac40/ax40: 5190/5230MHz, 802.11 ac80/ax80: 5210MHz
Max. RF Output Power (Conducted) (mW/MHz):	W52(5180-5240MHz): 802.11a: 2 802.11n 20/ac 20: 0.5 802.11n 40/ac 40: 0.1 802.11ac80: 0.05 802.11ax 20: 0.15 802.11ax 40: 0.10 802.11ax 80: 0.05
Number of TX Chain(s):	2
Number of RX Chain(s):	2
Antenna Gain (dBi)▲:	5.12
Modulation Type:	OFDM, OFDMA
Emission Type	G1D, D1D

SUMMARY OF TEST RESULTS

SN	Description Of Test	Result
1	Frequency Tolerance	Compliant
2	Occupied Bandwidth	Compliant
3	(1) Transmitter Spurious Emission Strength	Compliant
4	(2) Out-Band Leakage Power	Compliant
5	Output Power and Output Power Tolerance	Compliant
6	Adjacent Channel Power	Compliant
7	Secondary Radiated Emission Strength	Compliant
8	Radio Interference Prevention Capability	Compliant
9	Transmission Burst Length	Compliant
10	Transmission Power Control Function (TPC)	Not Applicable*
11	Carrier Sense Capability	Compliant
12	Dynamic Frequency Selection (DFS)	Not Applicable**
13	Construction Protection Confirmation	Compliant

Note:

Not Applicable:* EUT without TPC function.

*Not Applicable**:* EUT do not work on DFS band.

DESCRIPTION OF TEST CONFIGURATION

Operation Frequency Detail

The system was configured for testing in engineering mode, which was provided by manufacture. The system support 802.11 a/n20/n40/ax20/ax40/ac20/ac40//ax80/ac80, the 802.11 ac20/ac40 were reduced since the identical parameters with 802.11n 20 and n40.

For W52 band, 7 channels are provided:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210	/	/

For 802.11a/n 20/ax20, Channel 36, 40 and 48 were tested; for 802.11n 40/ax40, Channel 38, 46 were tested; for 802.11ac80/ax80, Channel 42 was tested.

The extreme voltage test conditions which were declared by the manufacturer and the normal conditions are as below:

NV: Normal Voltage 14.8V_{DC}

LV: Low Voltage 6.2V_{DC}

HV: High Voltage 16.8V_{DC}

Note: 12Vdc voltage finally convert to 14.8Vdc through voltage regulator circuit, then 14.8Vdc is converted to the voltage for Wi-Fi system, the range of voltage changes at the 14.8Vdc port is obviously larger:

Voltage Condition	Input(V _{DC})	RF System Voltage(V _{DC})
NV	14.8	3.3
LV	6.2	3.3
HV	16.8	3.3

EUT Operation Condition

The EUT was configured for testing in Engineering Mode, which was provided by the manufacturer. The EUT configuration as below:

EUT Exercise Software:		Engineering Mode			
The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer [▲] . The worst-case data rates are determined to be as follows for each mode based upon investigations by measuring the average power and PSD across all data rates, bandwidths, and modulations.					
Operation Bands	Mode	Channel	Frequency (MHz)	Data rate (Mbps)	Power level
W52	802.11 a	Low	5180	6 Mbps	16
		Middle	5200	6 Mbps	16
		High	5240	6 Mbps	16
	802.11 n20	Low	5180	HT MCS0	10
		Middle	5200	HT MCS0	10
		High	5240	HT MCS0	10
	802.11 n40	Low	5190	HT MCS0	7
		High	5230	HT MCS0	7
	802.11 ac80	Middle	5210	VHT MCS0	7
	802.11 ax20	Low	5180	HE MCS0	7
		Middle	5200	HE MCS0	7
		High	5240	HE MCS0	7
	802.11 ax40	Low	5190	HE MCS0	7
		High	5230	HE MCS0	7
	802.11 ax80	Middle	5210	VHE MCS0	7

Equipment Modifications

No modifications are made to the EUT during all test items.

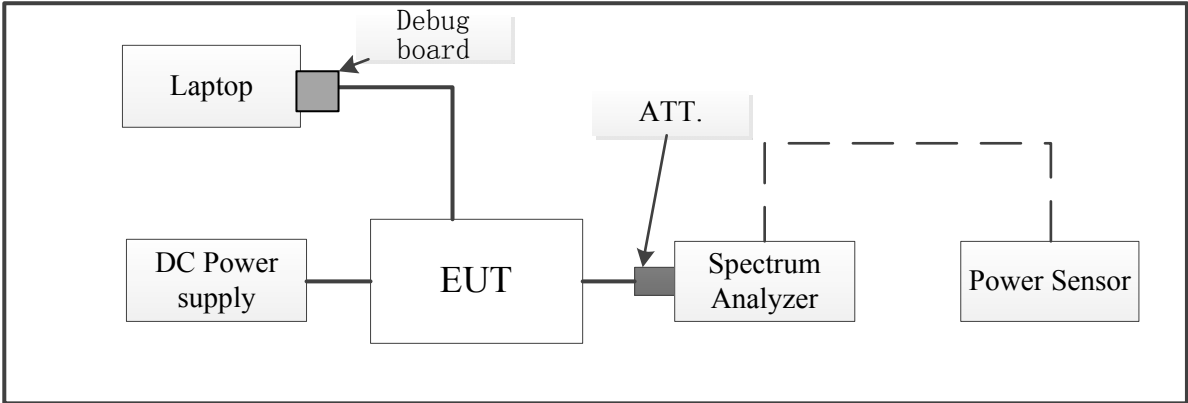
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
DELL	Laptop	E6410ATG	EMZBPC21103004
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1
All-sun	Multimeter	EM305A	8348897

Support Cable List and Details

Manufacturer	Shielding Type	Ferrite Core	Length (m)	From Port	To
ATOMOS GLOBAL PTY LTD	No	No	1.4	Adapter	EUT
DC power supply Cable	No	No	1.5	EUT	DC power supply

Configuration of Test Setup



Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Frequency error	± 0.076 ppm
Occupied bandwidth	± 5 %
Unwanted emission strength	± 2.47 dB
RF output power, conducted	± 0.55 dB
Temperature	± 1 °C
Humidity	± 5 %
Duty Cycle	1 %
DC and low frequency voltages	± 0.4 %

1 - FREQUENCY TOLERANCE

Limit

Within $\pm 20\text{ppm}$.

Test Procedure

Set the EUT to the measurement frequency without modulation.

Setting of SA is following as: Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.

Record the peak spot frequency.

If the EUT can't set at un-modulation mode, measure the 10dBc center frequency.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

2 - OCCUPIED BANDWIDTH

Limit

Item	Limits
Occupied Bandwidth:	W52/W53/W56: ≤ 18MHz(20MHz Mode DSSS) ≤ 20MHz(20MHz Mode OFDM) ≤ 40MHz (40MHz Mode OFDM) ≤ 80MHz (80MHz Mode OFDM)

Test Procedure

1. Setting of SA is following as: RB: 300 kHz / VB: 300 kHz / SPAN: 2*Nominal Bandwidth/ Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
2. EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

3 - TRANSMITTER SPURIOUS EMISSION STRENGTH

Limit

Spurious Emission:

* Attachment 1 (Unwanted Emission Strength)

W52			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,142 MHz or less : 2.5 μ W/MHz	5,142 MHz or less : 2.5 μ W/MHz	5,141.6 MHz or less : 2.5 μ W/MHz	5,123.2 MHz or less : 2.5 μ W/MHz
5,142 - 5,150 MHz : 15 μ W/MHz	5,142 - 5,150 MHz : 15 μ W/MHz	5,141.6 - 5,150 MHz : 15 μ W/MHz	5,123.2 - 5,150 MHz : 15 μ W/MHz
5,250 - 5,260.2 MHz : $10^{1-(8/3)(f-9.75)}$ mW/MHz	5,250.2 - 5,261 MHz : $10^{1-(f-9)}$ mW/MHz		
5,250 - 5,251 MHz : $10^{1-(f-9)}$ mW/MHz	5,250.2 - 5,251 MHz : $10^{1-(f-20)+\log(1/2)}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-20)+\log(1/2)}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-40)+\log(1/4)}$ mW/MHz
5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz	5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz	5,251 - 5,270 MHz : $10^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz	5,251 - 5,290 MHz : $10^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz	5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz	5,270 - 5,278.4 MHz : $10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz	5,290 - 5,296.7 MHz : $10^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
5,266.7 MHz or more : 2.5 μ W/MHz	5,266.7 MHz or more : 2.5 μ W/MHz	5,278.4 MHz or more : 2.5 μ W/MHz	5,296.7 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)

W53			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,233.3 MHz or less : 2.5 μ W/MHz	5,233.3 MHz or less : 2.5 μ W/MHz	5,221.6 MHz or less : 2.5 μ W/MHz	5,203.3 MHz or less : 2.5 μ W/MHz
5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz	5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz	5,221.6 - 5,230 MHz : $10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz	5,203.3 - 5,210 MHz : $10^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz	5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz	5,230 - 5,249 MHz : $10^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz	5,210 - 5,249 MHz : $10^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
5,249 - 5,250 MHz : $10^{1-(f-9)}$ mW/MHz	5,249 - 5,249.8 MHz : $10^{1-(f-9)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-20)+\log(1/2)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)+\log(1/4)}$ mW/MHz
5,250 - 5,250 MHz : $10^{1-(8/3)(f-9.75)}$ mW/MHz	5,249.8 - 5,250 MHz : $10^{1-(8/3)(f-9.75)}$ mW/MHz	5,350 - 5,358.4 MHz : 15 μ W/MHz	5,350 - 5,376.8 MHz : 15 μ W/MHz
5,350 MHz or more : 2.5 μ W/MHz	5,350 MHz or more : 2.5 μ W/MHz	5,358.4 MHz or more : 2.5 μ W/MHz	5,376.8 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5210 (MHz)

W56			
20MHz system		40MHz system	80MHz system
DSSS, etc.	OFDM		
5,470 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 2.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz
	5,460 - 5,470 MHz : 12.5 uW/MHz	5,460 - 5,470 MHz : 50 uW/MHz	5,460 - 5,469.5 MHz : 50 uW/MHz
	5,745 - 5,765 MHz : 12.5 uW/MHz		5,469.5 - 5,470 MHz : 51.2 uW/MHz
5,730 MHz or more : 12.5 uW/MHz	Over 5,765 MHz : 2.5 uW/MHz	5,770 MHz or more : 12.5 uW/MHz	5,770 MHz or more : 12.5 uW/MHz

Test Procedure

❖ Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous transmitting mode” by spread spectrum.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

4 - OUTPUT POWER AND OUTPUT POWER TOLERANCE

Limit

For W52, W53 Band:

Item	Band	Limits
Antenna Power	W52/W53	20M System: $\leq 10\text{mW/MHz}$ 40M System: $\leq 5\text{mW/MHz}$ 80M System: $\leq 2.5\text{mW/MHz}$
E.I.R.P.	W52	20M System: $\leq 10\text{mW/MHz}$ 40M System: $\leq 5\text{mW/MHz}$ 80M System: $\leq 2.5\text{mW/MHz}$
	W53	With TPC: 20M System: $\leq 10\text{mW/MHz}$ 40M System: $\leq 5\text{mW/MHz}$ 80M System: $\leq 2.5\text{mW/MHz}$ Without TPC: 20M System: $\leq 5\text{mW/MHz}$ 40M System: $\leq 2.5\text{mW/MHz}$ 80M System: $\leq 1.25\text{mW/MHz}$
Antenna Power Tolerance	W52/W53	$\leq +20\%$, -80%

For W56 Band:

Item	Band	Limits
Antenna Power	W56	20M System: $\leq 10\text{mW/MHz}$ 40M System: $\leq 5\text{mW/MHz}$ 80M System: $\leq 2.5\text{mW/MHz}$
E.I.R.P.	W56	With TPC: 20M System: $\leq 50\text{mW/MHz}$ 40M System: $\leq 25\text{mW/MHz}$ 80M System: $\leq 12.5\text{mW/MHz}$ Without TPC: 20M System: $\leq 25\text{mW/MHz}$ 40M System: $\leq 12.5\text{mW/MHz}$ 80M System: $\leq 6.25\text{mW/MHz}$
Antenna Power Tolerance	W56	$\leq +50\%$, -50%

Test Procedure

Step 1:

Use the following settings on the spectrum analyser:

- Centre Frequency: The centre frequency of the channel under test.
- Resolution BW: 1 MHz.
- Video BW: 3 MHz.
- Detector mode: Peak.
- Averaging: Off.
- Sweep: Continuous.
- Span: Twice the nominal OBW.

Step 2:

Connect the E.U.T. to the Spectrum Analyzer and switch on the U.U.T.

Step 3:

Adjust the Reference Level of the Spectrum Analyzer so that the peak of the power envelope is between the Reference Level and the Reference Level - 10 dB. This assumes a 10 dB/division setting is used on the spectrum analyser.

Step 4:

Use the marker to find the peak value of the power envelope.

Adjust the centre frequency of the analyser to the marker frequency, resulting in the peak of the power envelope being in the centre of the screen.

Step 5:

Change the Spectrum Analyzer settings as follows:

- Resolution BW: 1 MHz.
- Video BW: 1 MHz.
- Detector mode: Peak.
- Averaging: Off.
- Sweep: Continuous.
- Span: 0 Hz.

Step 6:

Connect a Power Meter to the "Narrow I.F" output port of the Spectrum Analyzer. The power meter is set Auto Duty factor.

NOTE: The IF output of the spectrum analyser may be 20 dB or more below the input level of the spectrum analyser. Unless the power meter has adequate sensitivity, a wideband amplifier may be required.

Adjust the Centre Frequency of the spectrum analyser carefully (fine tune) for maximum indication on the power meter.

The level measured by the power meter shall be recorded as level "D".

The maximum e.i.r.p. is calculated from the above measured "D", and the applicable antenna assembly gain "G" in dBi, according to the formula below. If more than one antenna assembly is intended for this power setting, the gain of the antenna assembly with the highest gain shall be used.

- $PD = D + G$

The above procedure shall be repeated for each of the frequency channels.

Where the spectrum analyser bandwidth is non-Gaussian, a suitable correction factor shall be determined and applied.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

5 - ADJACENT CHANNEL POWER

Limit

Bandwidth System	Occupied Bandwidth	Sweep bandwidth	Adjacent Channel	Limits
20MHz System	OBW < 18MHz	18MHz (± 9 MHz)	Adjacent Channel: ± 20 MHz	≥ 25 dB
			Second Adjacent Channel: ± 40 MHz	≥ 40 dB
	18MHz < OBW < 20MHz	20MHz (± 10 MHz)	Adjacent Channel: ± 20 MHz	≥ 25 dB
			Second Adjacent Channel: ± 40 MHz	≥ 40 dB
40MHz System	20MHz < OBW < 40MHz	40MHz (± 20 MHz)	Adjacent Channel: ± 40 MHz	≥ 25 dB
			Second Adjacent Channel: ± 80 MHz	≥ 40 dB
80MHz System	40MHz < OBW < 80MHz	80MHz (± 40 MHz)	Adjacent Channel: ± 80 MHz	≥ 25 dB

Test Procedure

1. EUT transmitted in fixed channel (test channel) with modulation signal.
2. Setting of SA is following as: RB: 300 kHz / VB: 300 kHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Peak/ Trace mode: Max hold.
3. SA set the Channel Power Function and Channel Bandwidth: Sweep bandwidth corresponding to the tested signal, Center Frequency: The center frequency of testing for EUT, adjacent channel and second adjacent Channel as “Adjacent Channel” above. Then SA automatically calculate the channel power of EUT and adjacent channel power.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

6 - SECONDARY RADIATED EMISSION STRENGTH

Limit

4nW or below (Frequency range: 30MHz – 1GHz); 20n W or below (frequency range: 1GHz – 26GHz).

Test Procedure

❖ Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous receiving mode”.

❖ Spectrum Analyzer Conditions

- Start Frequency: Start Frequency of frequency range to measure (30MHz or 1GHz)
- Stop Frequency: Stop Frequency of frequency range to measure (1GHz or 26GHz)
- Span: AUTO (Measurement Range)
- RBW: 100 kHz, VBW: 100 kHz for Frequency < 1 GHz
- RBW: 1MHz, VBW: 1MHz for Frequency > 1 GHz
- Sweep time: AUTO or more
- Log scale: 10dB/Div, Data points: 501points (400 points or more)
- Detection: Positive Peak
- Reference Level: Enough level for maximum dynamic range

Test Data

Test Result: Compliant. The details please refer to the Appendix.

7 - RADIO INTERFERENCE PREVENTION CAPABILITY

Requirement

Article 6-2.3 of Regulations for Enforcement of the radio law

A wireless device used mainly in the same premises to automatically transmit or receive identification codes.

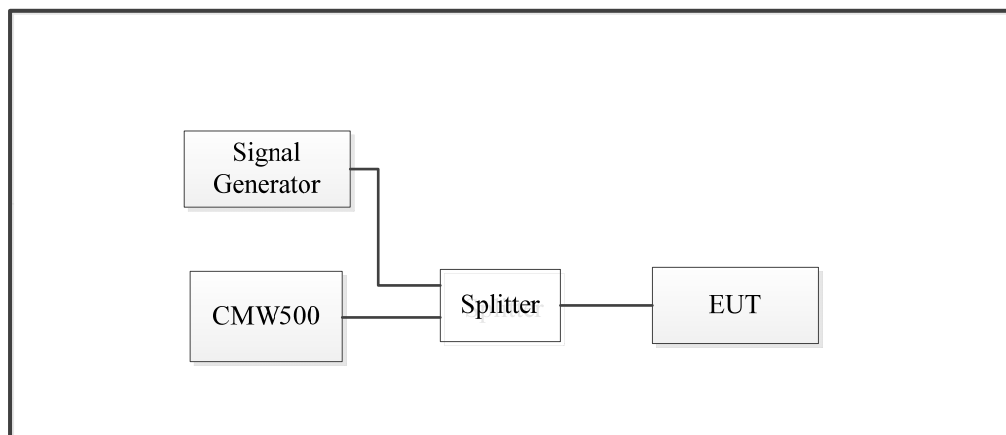
Article 1.8 of MPT Ministerial Notice No. 424 of 1994 (the last revision: Notice No. 374 of Nov. 10, 2023)

48 bits or more. However, for radio of the following frequencies, the requirement is 19 bits or more:

- (1), 5150-5250MHz; 5470-5730MHz; 5925-6425MHz;
- (2), 24.77-25.23GHz;
- (3), 57-66GHz.

Test Procedure

❖ Measurement System Diagram



- ❖ 1. In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes from EUT. b. Check the transmitted identification codes with the demodulator.
- ❖ 2. In the case of receiving the identification code: a. Transmit the predetermined identification codes from the counterpart. b. Check if communication is normal. c. Transmit the signals other than predetermined ID codes from the counterpart. d. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method ^{Note}
R&S	Spectrum Analyzer	FSV40	101461	2025/8/3	2026/8/2	GRGTEST	C
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/6/6	2026/6/5	BACL(DG)	D
Gongee	Coaxial Power Splitters & Combiner	PD-0/6-2S	RF20230800110	2025/1/15	2026/1/14	BACL(DG)	D

R&S	Wideband Radio Communication Tester	CMW500	149216	2025/7/28	2026/7/27	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350142	2025/1/14	2026/1/13	BACL Metrology	C

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c)

Test Environmental Conditions

Temperature:	24.8°C
Relative Humidity:	37%
ATM Pressure:	101.3kPa
Tester:	Conor Fu
Test Date:	2025/12/3

Test Data

Item	Result	Requirement	Verdict
Methodology to transmit ID Code:	Automatically	Automatically	Compliant
Methodology to receive ID Code:	Automatically	Automatically	Compliant
Identification Codes (ID Codes) of EUT:	28:36:13:72:6a:a0	/	/
Bits of ID Codes:	48 bits	19 bits or more	Compliant

Plot:

28:36:13:72:6a:a0

Test Result: Compliant

8 - TRANSMISSION BURST LENGTH

Limit

Item	Limit
Transmission Burst Length	≤ 8 ms

Test Procedure

- ❖ 1. The transmitter output (antenna port) was connected to the spectrum analyzer
- ❖ 2. Set RBW of spectrum analyzer to 10MHz and VBW to 10MHz.
- ❖ 3. Use a video trigger with the trigger level set to enable triggering only on full pulses.
- ❖ 4. Sweep Time is more than once pulse time.
- ❖ 5. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
- ❖ 6. Measure the maximum time duration of one single pulse.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

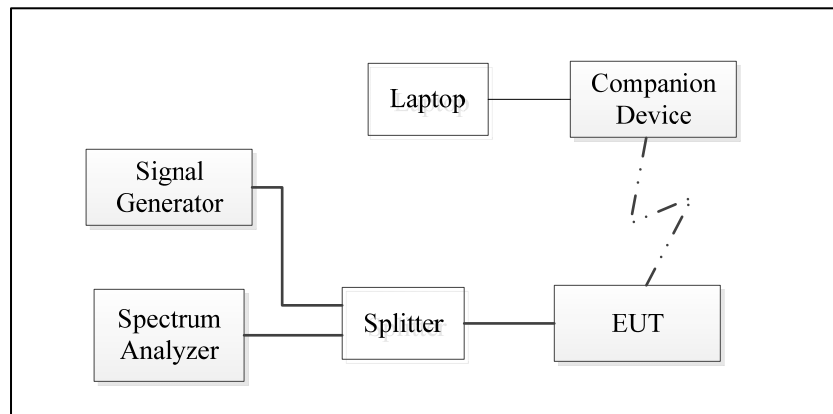
10 - CARRIER SENSE CAPABILITY

Limit

EUT stop RF transmission signal after carrier inject to EUT

Test Procedure

❖ Measurement System Diagram



Companion Device:

Manufacturer	Description	Model	Serial Number
Tenda	Router	W18E	E9382010341000028

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	T480S	AE-0113

❖ Conditions of Application Equipment (EUT)

- The EUT state shall be “normal mode link with wireless router”.

❖ Test Procedure

- SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG and power level is

$$P_{CS} = \frac{G \lambda^2}{480 \pi^2} \times E^2$$

P_{CS} : Carrier sense level (W) applied to the antenna input section of the test equipment.

E : Electric field strength (V/m) .

G : Receive the true value of the absolute gain of the airborne conductor (times) .

λ : The wavelength of the carrier frequency (m) .

2. turn off the RF signal of the SG.
3. EUT have transmitted the maximum modulation signal and fixed channelize.
4. Setting of SA :RBW/VBW=1MHz/1MHz,Span=50MHz,Sweep time=auto,Sweep mode=continuous, Detect mode=positive peak
5. SG RF signal on.
6. EUT shall be stop the transmitted any signal and SG RF signal off, the EUT will be continuous transmitted signal.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method ^{Note}
R&S	Spectrum Analyzer	FSV40	101461	2025/8/3	2026/8/2	GRGTEST	C
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/6/6	2026/6/5	BACL(DG)	D
Gongee	Coaxial Power Splitters & Combiner	PD-0/6-2S	RF20230800110	2025/1/15	2026/1/14	BACL(DG)	D
R&S	Wideband Radio Communication Tester	CMW500	149216	2025/7/28	2026/7/27	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350142	2025/1/14	2026/1/13	BACL Metrology	C

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c)

Test Environmental Conditions

Temperature:	24.8°C
Relative Humidity:	37%
ATM Pressure:	101.3kPa
Tester:	Conor Fu
Test Date:	2025/12/3

Result: Compliant. The EUT stop transmitting in step 5, the test result is good.

12 - CONSTRUCTION PROTECTION CONFIRMATION

Limit

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

Confirmation Result

Compliant, the RF part(Except for antenna) was covered by metal shielding case, it can't be opened easily. Please refer the EUT photo.

EXHIBIT A – EUT PHOTOGRAPHS

Please refer to the attachment 2502Y27382E-RF-EXP EUT External photos and 2502Y27382E-RF-INP EUT Internal photos.

EXHIBIT B – TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502Y27382E-RF-07-TSP Test Setup Photos.

APPENDIX - TEST DATA

Frequency Error

Test Information:

Serial No.:	3B7Q-1	Test Date:	2025/11/19
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.1	Relative Humidity: (%)	26	ATM Pressure: (kPa)	102.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05	BACL(DG)	D
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV**5.2G, Chain 0**

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5180	5179.97075	-5.65	± 20	Pass
	5190	5189.97075	-5.64	± 20	Pass
	5200	5199.97075	-5.63	± 20	Pass
	5210	5209.97015	-5.73	± 20	Pass
	5230	5229.97045	-5.65	± 20	Pass
	5240	5239.97045	-5.64	± 20	Pass

5.2G, Chain 1

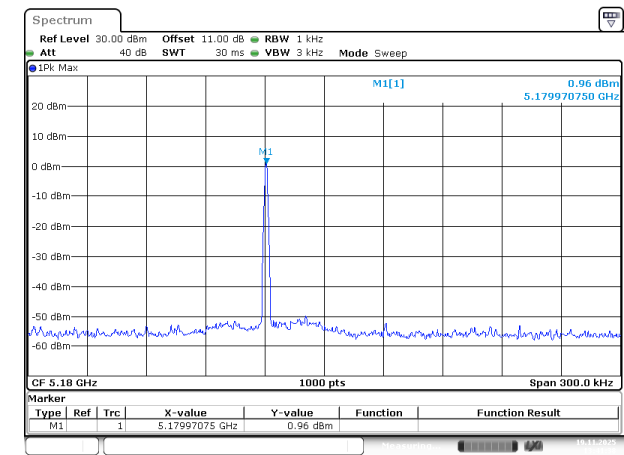
Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5180	5179.97075	-5.65	± 20	Pass
	5190	5189.97105	-5.58	± 20	Pass
	5200	5199.97075	-5.63	± 20	Pass
	5210	5209.97075	-5.61	± 20	Pass
	5230	5229.97075	-5.59	± 20	Pass
	5240	5239.97075	-5.58	± 20	Pass

Note:

Frequency Tolerance = (Measure Frequency - Frequency)/Frequency*10⁶

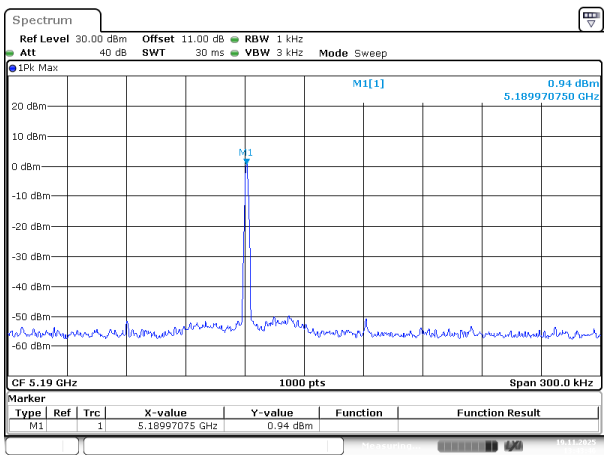
W52, Chain 0, Test Condition: NV

5180MHz



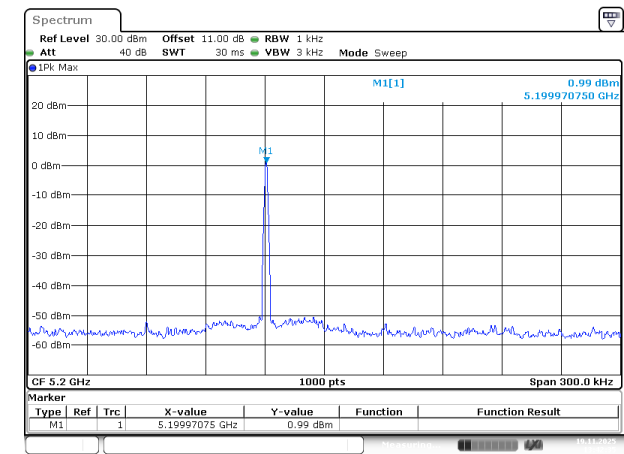
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5190MHz



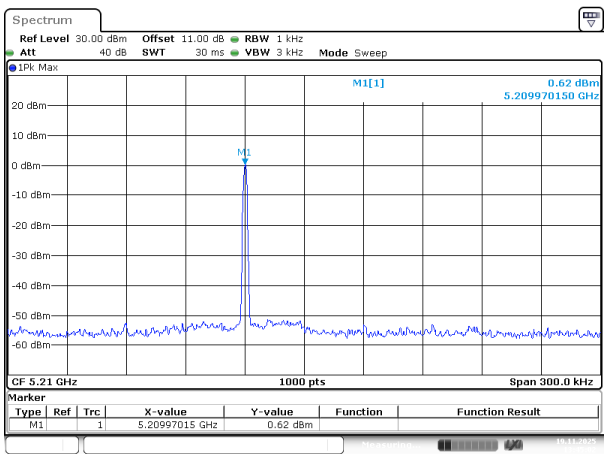
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Date: 19.NOV.2025 13:43:46

5200MHz



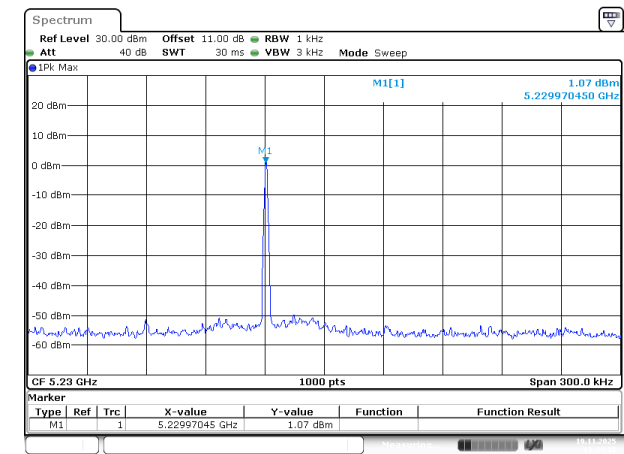
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5210MHz



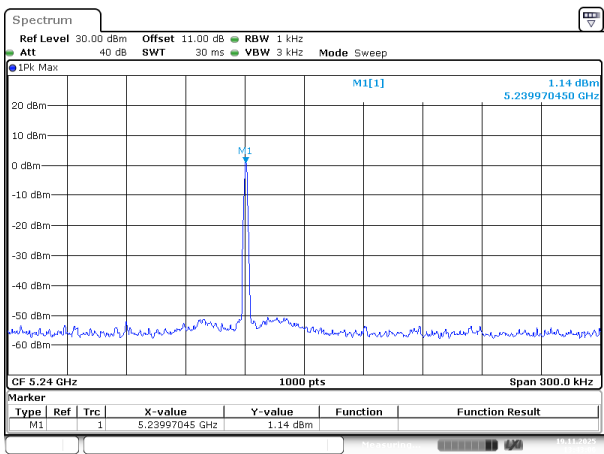
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5230MHz



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Date: 19.NOV.2025 13:44:18

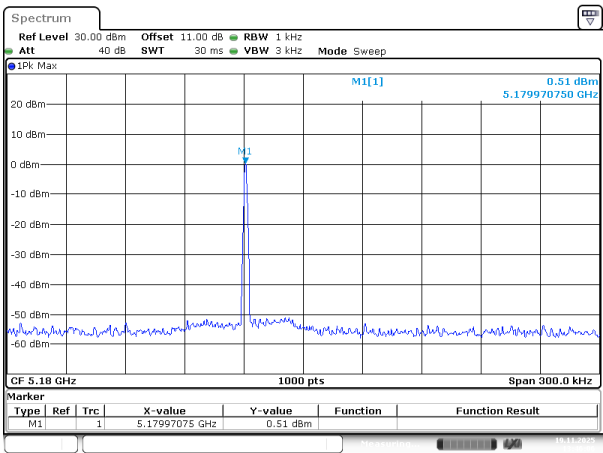
5240MHz



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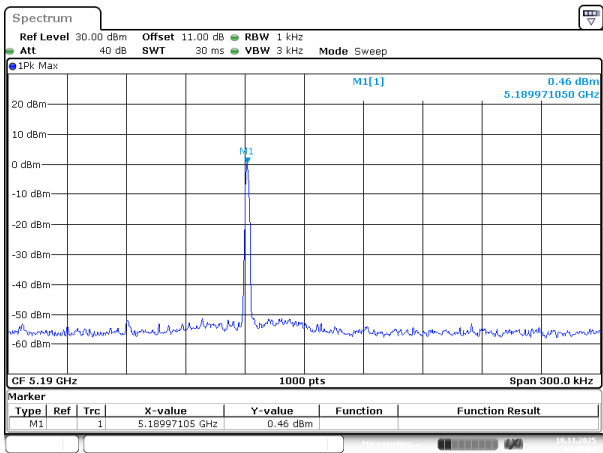
W52, Chain 1, Test Condition: NV

5180MHz



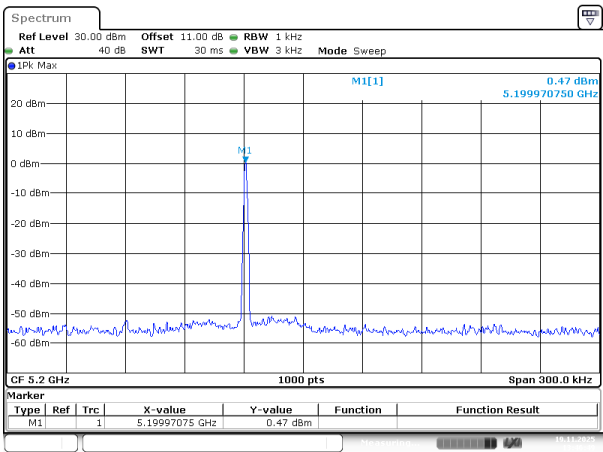
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5190MHz



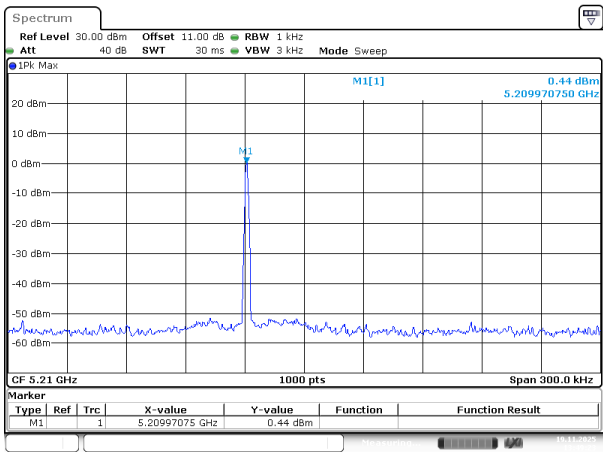
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5200MHz



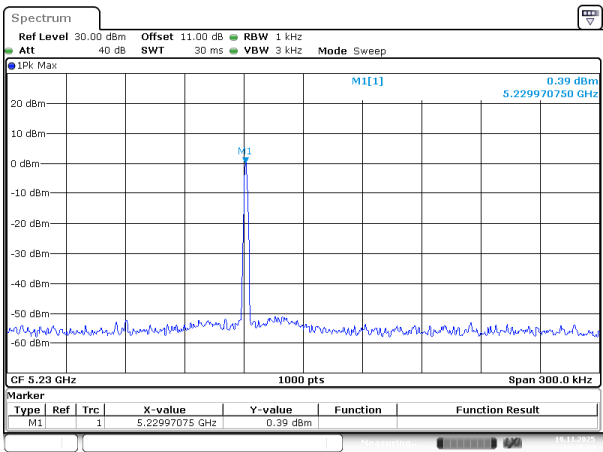
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5210MHz



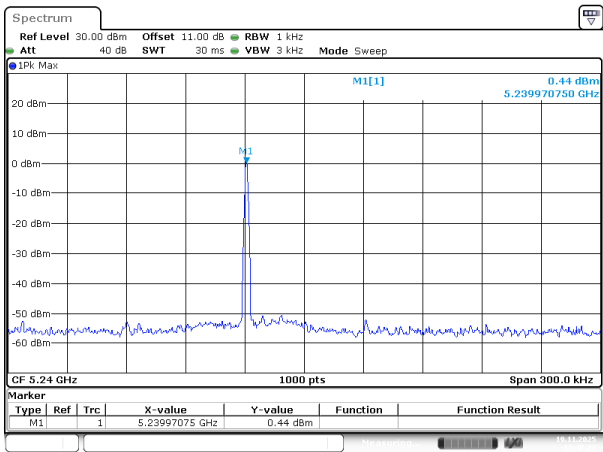
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Date: 19.NOV.2025 13:49:23

5230MHz



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 13:48:35

5240MHz



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 13:47:23

Occupied Bandwidth**Test Information:**

Serial No.:	3B7Q-1	Test Date:	2025/11/14
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.2	Relative Humidity: (%)	48	ATM Pressure: (kPa)	101.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05	BACL(DG)	D
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

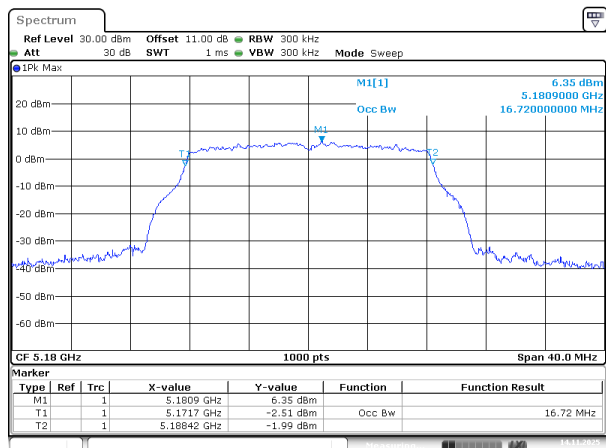
Test Condition: NV**5.2G, Chain 0**

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.72	16.68	16.68	≤ 20	Pass
802.11n20	17.80	17.80	17.80	≤ 20	Pass
802.11n40	36.16	/	36.16	≤ 40	Pass
802.11ac80	/	75.20	/	≤ 80	Pass
802.11ax20	19.04	19.04	19.04	≤ 20	Pass
802.11ax40	37.92	/	37.84	≤ 40	Pass
802.11ax80	/	77.12	/	≤ 80	Pass

5.2G, Chain 1

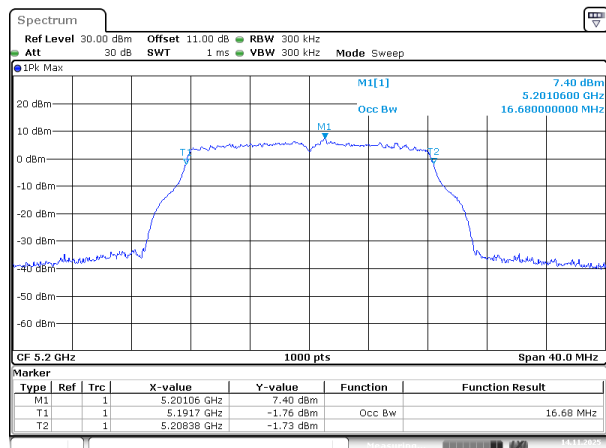
Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.72	16.72	16.76	≤ 20	Pass
802.11n20	17.84	17.80	17.80	≤ 20	Pass
802.11n40	36.24	/	36.24	≤ 40	Pass
802.11ac80	/	75.36	/	≤ 80	Pass
802.11ax20	19.00	19.00	19.00	≤ 20	Pass
802.11ax40	37.76	/	37.84	≤ 40	Pass
802.11ax80	/	77.12	/	≤ 80	Pass

W52, Chain 0, Test Condition: NV
802.11a, Low Channel



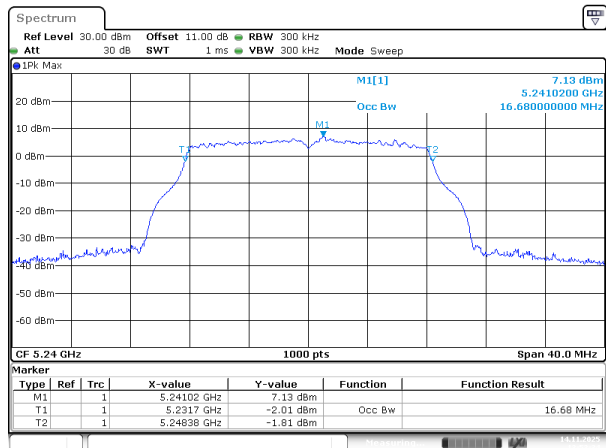
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802.11a, Middle Channel



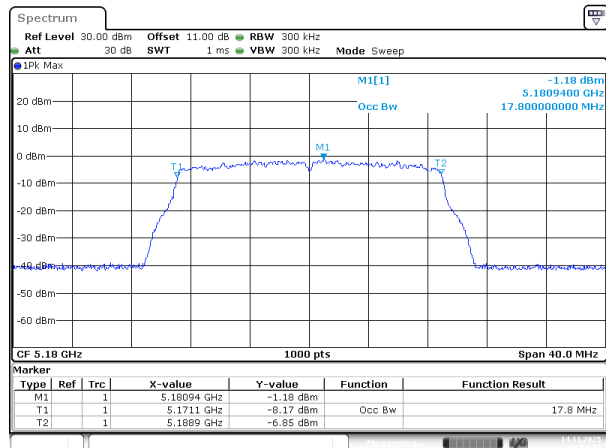
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Date: 14.NOV.2025 13:52:56

802.11a, High Channel



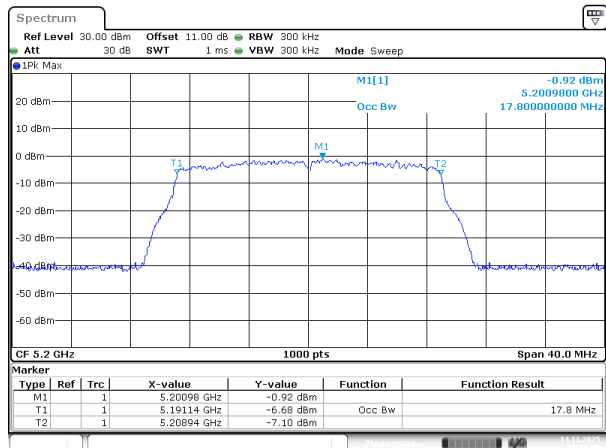
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Date: 14.NOV.2025 13:53:35

802.11n20, Low Channel



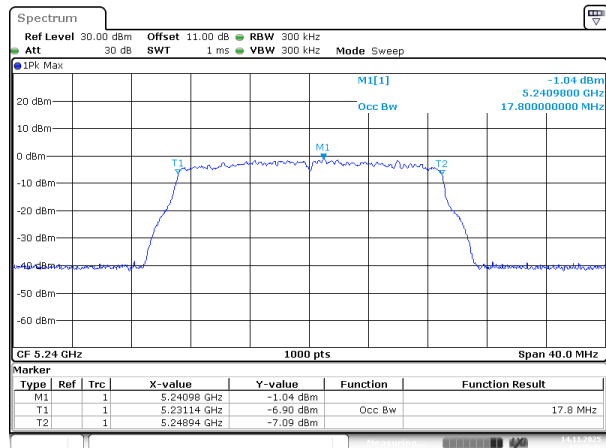
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802.11n20, Middle Channel



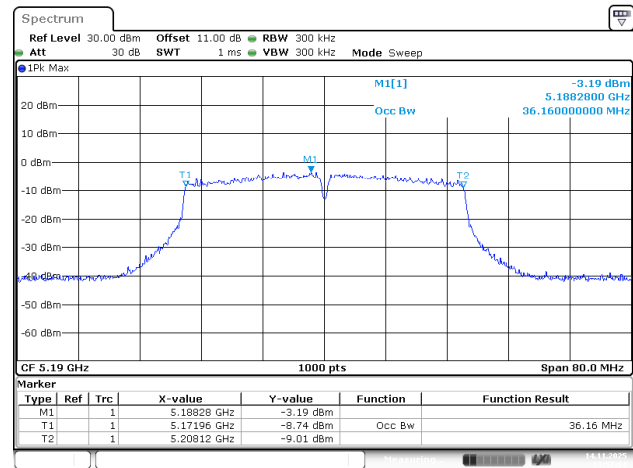
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802.11n20, High Channel



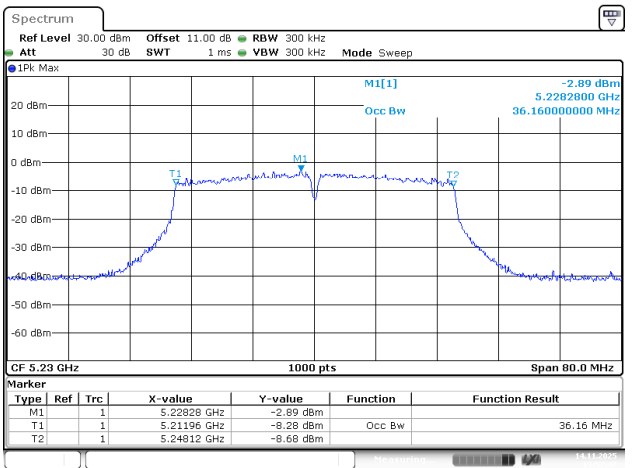
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802.11n40, Low Channel



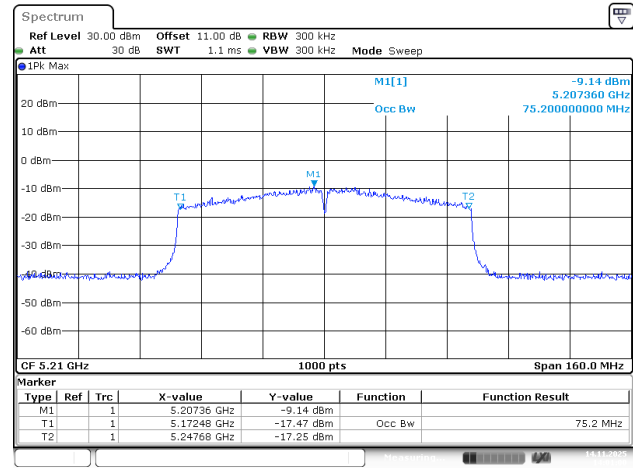
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802.11n40, High Channel



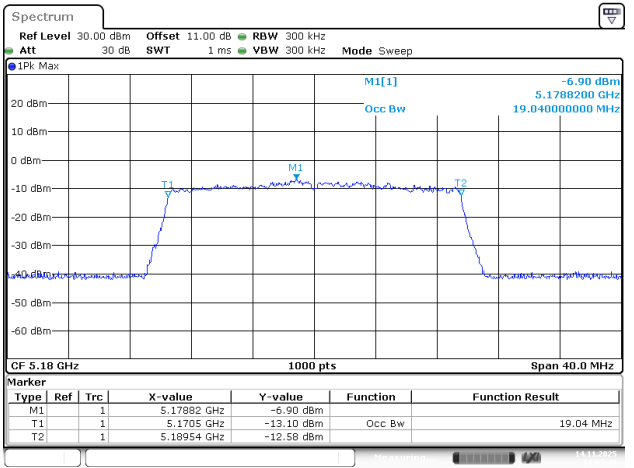
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Date: 14.NOV.2025 13:57:48

802.11ac80, Middle Channel



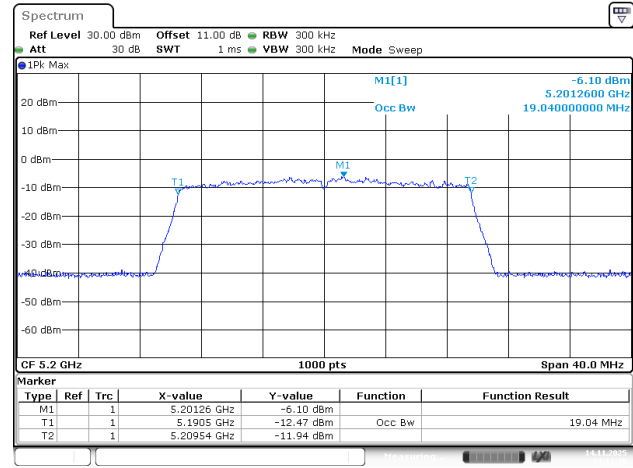
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Date: 14.NOV.2025 14:01:00

802.11ax20, Low Channel



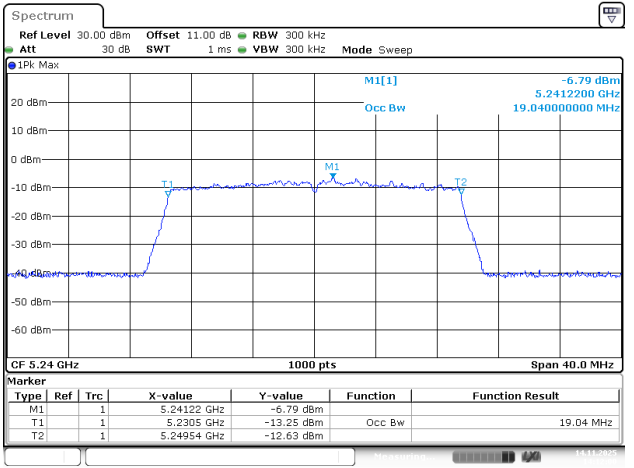
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802.11ax20, Middle Channel



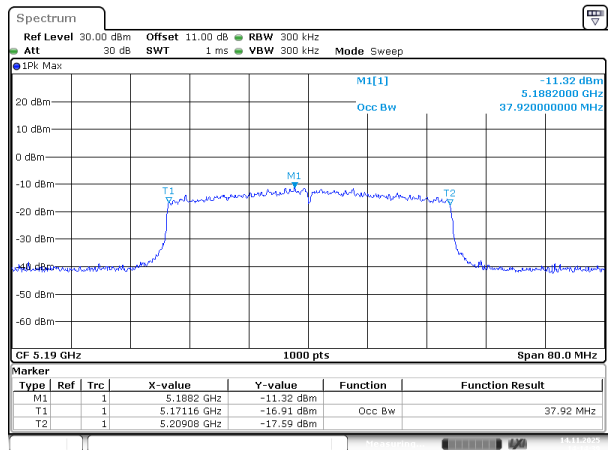
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802.11ax20, High Channel



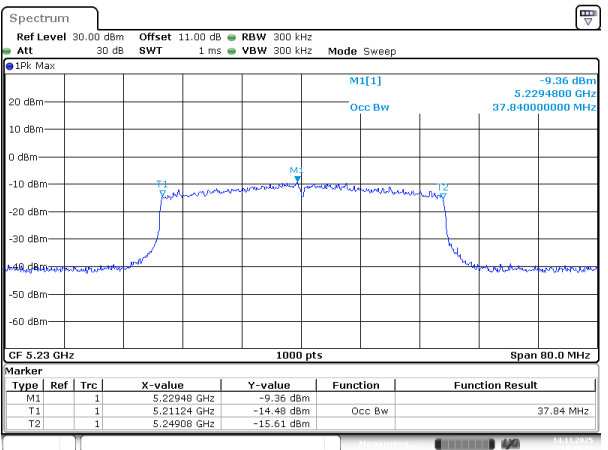
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802.11ax40, Low Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
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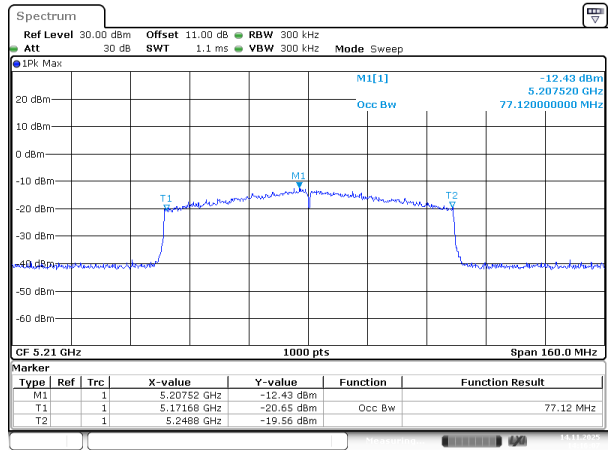
802.11ax40, High Channel



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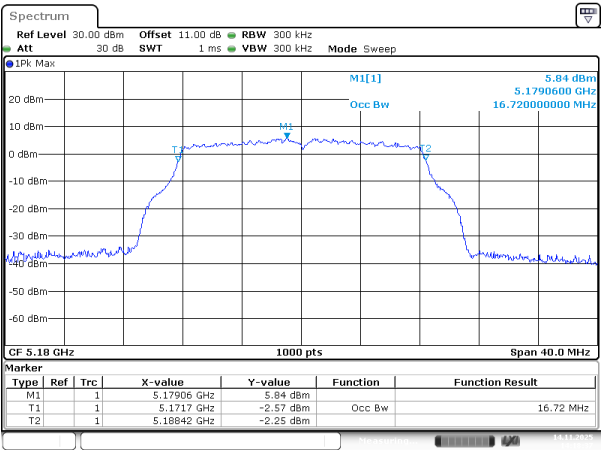
W52, Chain 1, Test Condition: NV

802.11ax80, Middle Channel



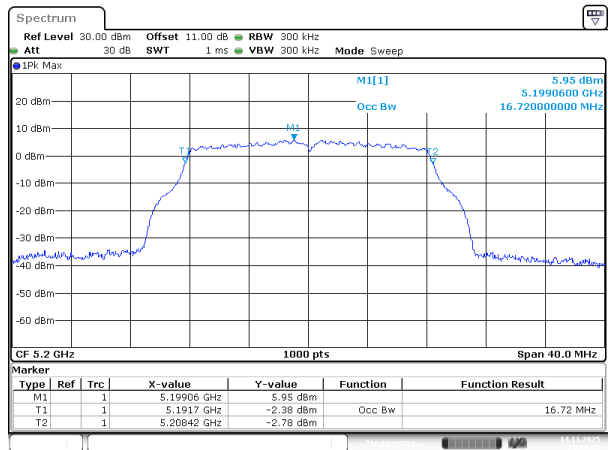
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802.11a, Low Channel



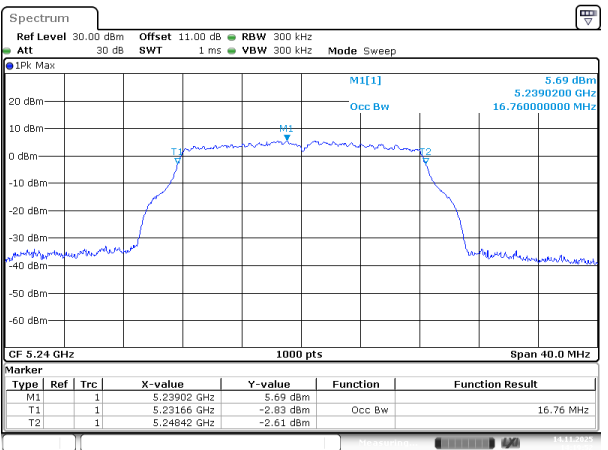
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802.11a, Middle Channel



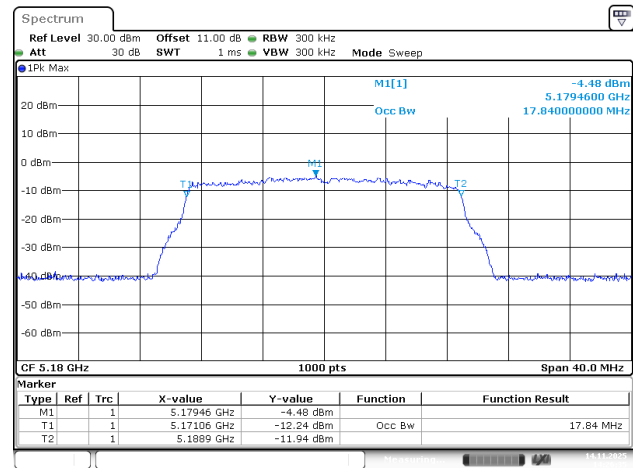
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802.11a, High Channel



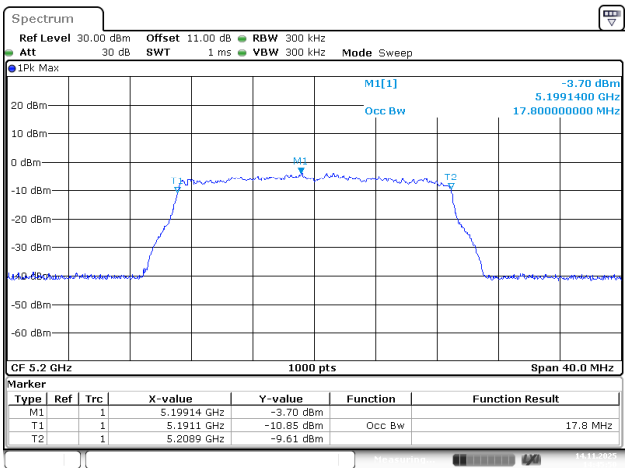
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802.11n20, Low Channel



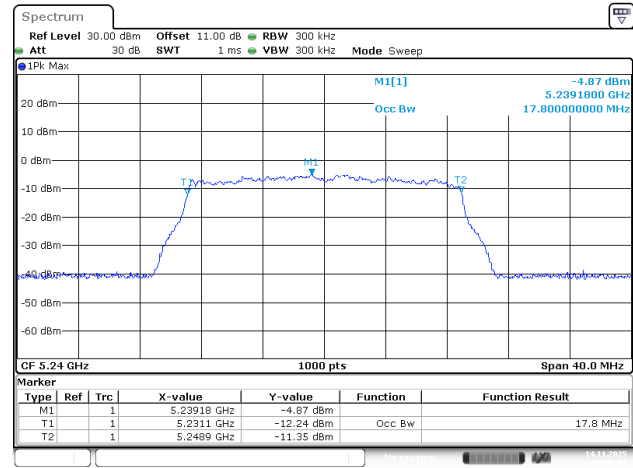
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802.11n20, Middle Channel



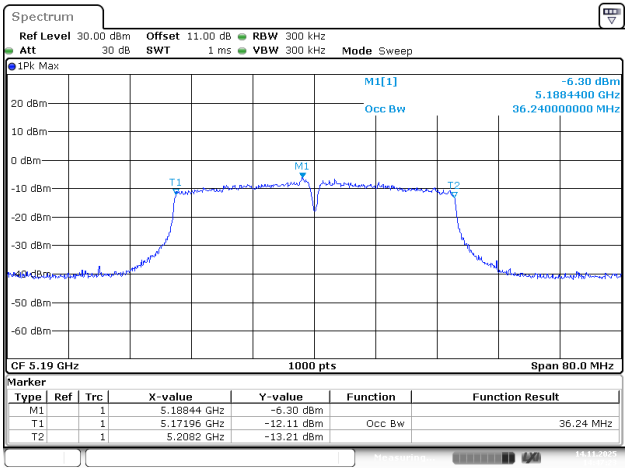
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802.11n20, High Channel



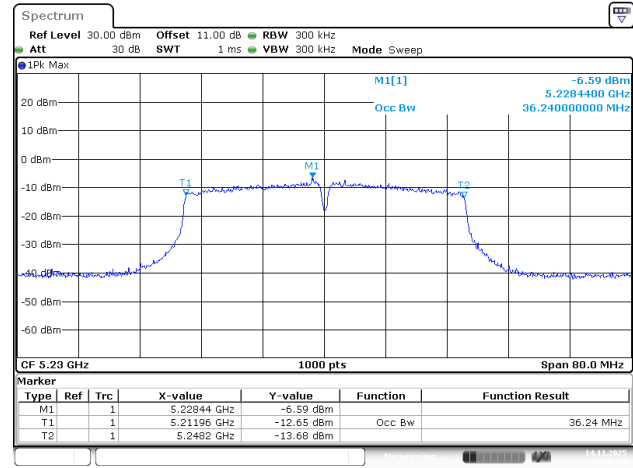
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802.11n40, Low Channel



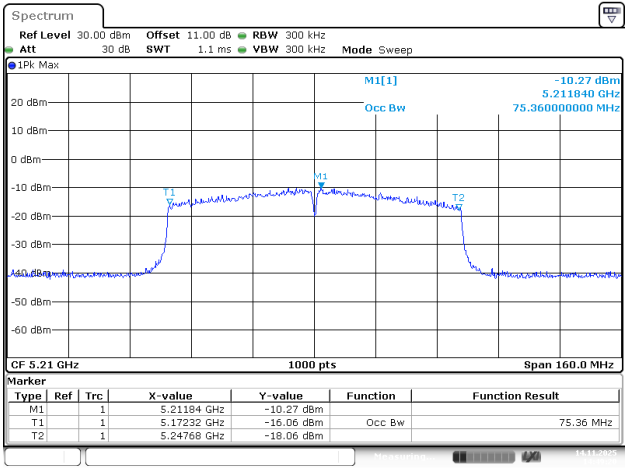
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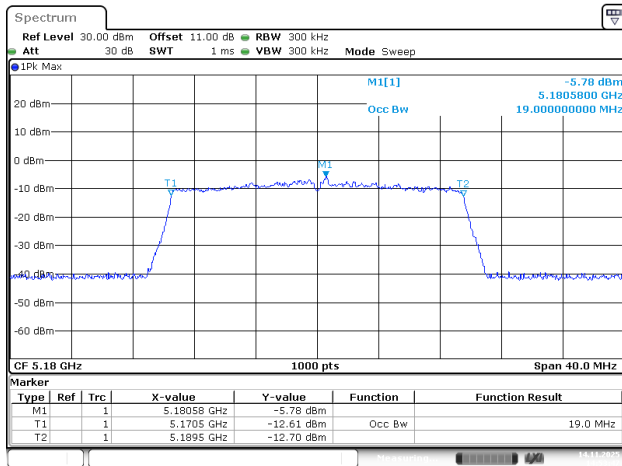
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802.11ac80, Middle Channel



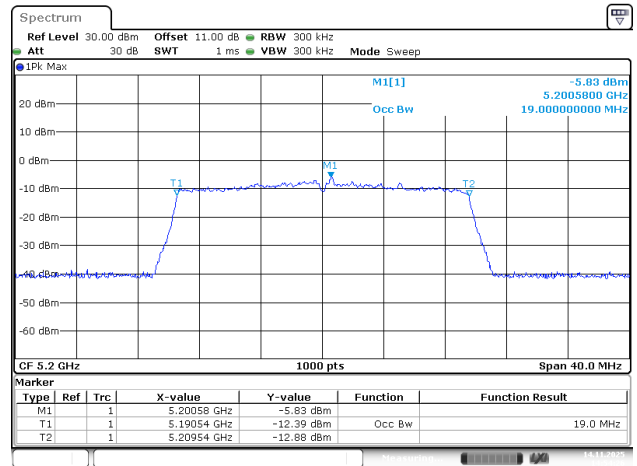
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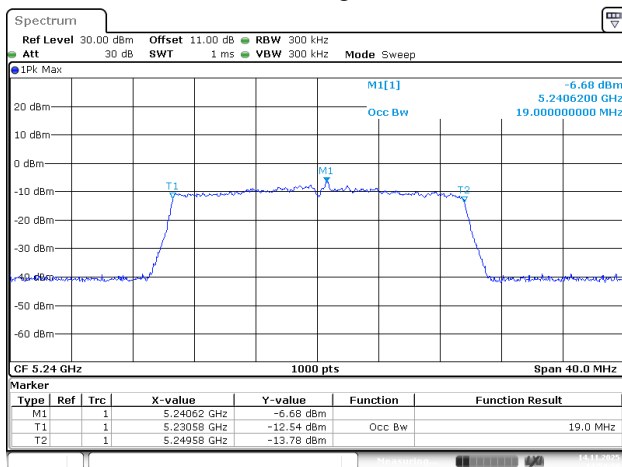
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802.11ax20, Middle Channel



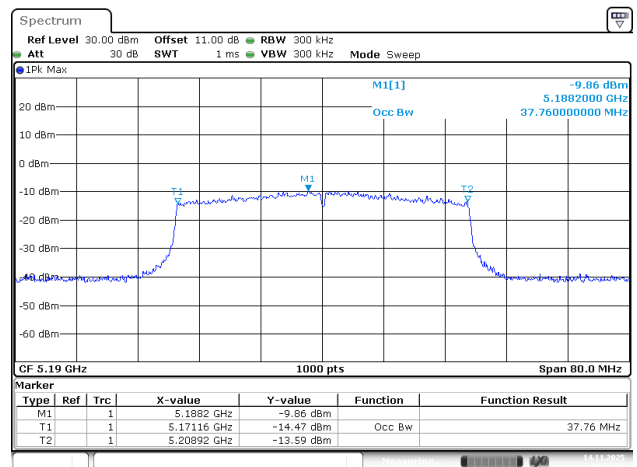
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802.11ax20, High Channel



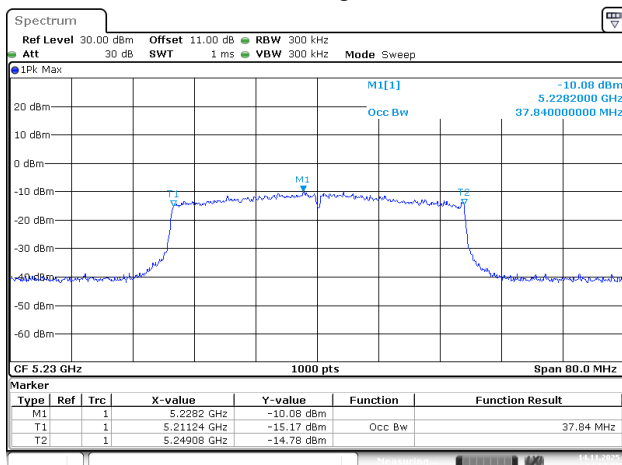
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Date: 14.NOV.2025 14:55:00

802.11ax40, Low Channel



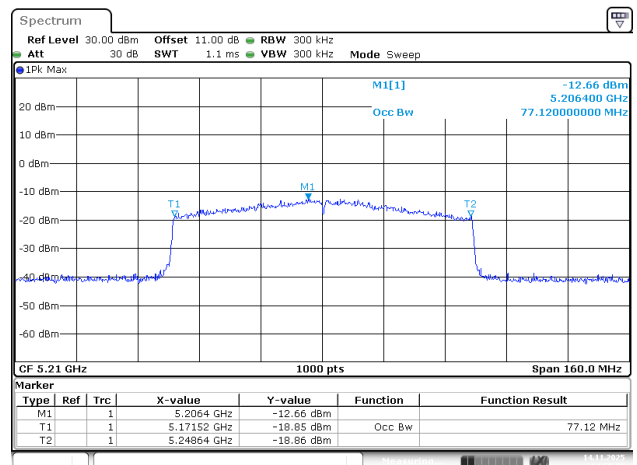
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 14.NOV.2025 14:56:16

802.11ax40, High Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 14.NOV.2025 14:57:03

802.11ax80, Middle Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 14.NOV.2025 14:58:03

Transmitter Spurious Emission Strength**Test Information:**

Serial No.:	3B7Q-1	Test Date:	2025/11/15~2025/11/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.8~26.8	Relative Humidity: (%)	47~49	ATM Pressure: (kPa)	101.2~101.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/06/06	2026/06/05	BACL(DG)	D
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02	BACL Metrology	C
Gongee	Coaxial Power Splitters & Combiner	PD-0/6-2S	RF20230800110	2025/1/15	2026/1/14	BACL(DG)	D
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV**5.2G, Chain 0, 802.11a**

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	4965.52	-39.52	0.112	2.50	Pass
	5100	5142	5122.91	-27.38	1.828	2.50	Pass
	5142	5150	5142.14	-26.65	2.163	15	Pass
	5250	5250.2	5250.13	-27.01	1.991	741.31	Pass
	5250.2	5251	5250.99	-27.70	1.698	102.33	Pass
	5251	5260	5259.91	-28.20	1.514	16.14	Pass
	5260	5266.7	5265.64	-27.51	1.774	3.34	Pass
	5266.7	5300	5278.53	-27.20	1.905	2.50	Pass
	5300	26000	5365.7	-40.05	0.099	2.50	Pass
Middle	30	5100	4953.6	-40.11	0.097	2.50	Pass
	5100	5142	5102.12	-27.58	1.746	2.50	Pass
	5142	5150	5142.82	-27.11	1.945	15	Pass
	5250	5250.2	5250.14	-27.57	1.750	724.44	Pass
	5250.2	5251	5250.97	-27.77	1.671	107.15	Pass
	5251	5260	5259.79	-27.39	1.824	16.54	Pass
	5260	5266.7	5265.80	-28.39	1.449	3.19	Pass
	5266.7	5300	5283.90	-27.73	1.687	2.50	Pass
	5300	26000	5760.1	-39.82	0.104	2.50	Pass
High	30	5100	5026.61	-38.17	0.152	2.50	Pass
	5100	5142	5140.80	-27.22	1.897	2.50	Pass
	5142	5150	5149.84	-26.26	2.366	15	Pass
	5250	5250.2	5250.10	-1.91	644.169	794.33	Pass
	5250.2	5251	5250.98	-11.21	75.683	104.71	Pass
	5251	5260	5251.00	-12.02	62.806	100.00	Pass
	5260	5266.7	5265.67	-27.64	1.722	3.31	Pass
	5266.7	5300	5299.03	-26.12	2.443	2.50	Pass
	5300	26000	5760.1	-39.57	0.110	2.50	Pass

5.2G, Chain 0, 802.11n20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	4972.11	-40.14	0.097	2.50	Pass
	5100	5142	5132.66	-36.39	0.230	2.50	Pass
	5142	5150	5144.71	-36.44	0.227	15	Pass
	5250	5250.2	5250.15	-36.28	0.236	707.95	Pass
	5250.2	5251	5250.97	-37.64	0.172	107.15	Pass
	5251	5260	5258.69	-35.94	0.255	20.72	Pass
	5260	5266.7	5265.46	-36.64	0.217	3.51	Pass
	5266.7	5300	5293.39	-36.80	0.209	2.50	Pass
	5300	26000	5760.1	-40.92	0.081	2.50	Pass
Middle	30	5100	4924.7	-40.68	0.086	2.50	Pass
	5100	5142	5122.07	-37.04	0.198	2.50	Pass
	5142	5150	5146.57	-35.46	0.284	15	Pass
	5250	5250.2	5250.14	-36.96	0.201	724.44	Pass
	5250.2	5251	5250.99	-37.38	0.183	102.33	Pass
	5251	5260	5259.89	-38.20	0.151	16.21	Pass
	5260	5266.7	5265.84	-38.14	0.153	3.16	Pass
	5266.7	5300	5275.60	-37.39	0.182	2.50	Pass
	5300	26000	5414.4	-40.68	0.086	2.50	Pass
High	30	5100	4799.98	-41.36	0.073	2.50	Pass
	5100	5142	5114.76	-36.65	0.216	2.50	Pass
	5142	5150	5142.86	-36.66	0.216	15	Pass
	5250	5250.2	5250.00	-6.03	249.459	1000.00	Pass
	5250.2	5251	5250.95	-16.64	21.677	112.20	Pass
	5251	5260	5251.05	-19.09	12.331	98.98	Pass
	5260	5266.7	5265.91	-37.62	0.173	3.10	Pass
	5266.7	5300	5271.15	-36.87	0.206	2.50	Pass
	5300	26000	5760.1	-40.91	0.081	2.50	Pass

5.2G, Chain 0, 802.11n40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	4930.03	-41.31	0.074	2.50	Pass
	5100	5141.6	5134.05	-34.51	0.354	2.50	Pass
	5141.6	5150	5147.69	-36.77	0.210	15	Pass
	5250	5251	5250.98	-36.85	0.207	52.36	Pass
	5251	5270	5268.57	-36.84	0.207	9.10	Pass
	5270	5278.4	5277.27	-36.88	0.205	2.90	Pass
	5278.4	5300	5285.11	-36.61	0.218	2.50	Pass
	5300	26000	5760.1	-41.85	0.065	2.50	Pass
High	30	5100	4800.49	-40.43	0.091	2.50	Pass
	5100	5141.6	5122.03	-36.05	0.248	2.50	Pass
	5141.6	5150	5149.45	-36.04	0.249	15	Pass
	5250	5251	5250.99	-19.59	10.990	51.16	Pass
	5251	5270	5251.15	-19.97	10.069	49.28	Pass
	5270	5278.4	5278.36	-37.82	0.165	2.50	Pass
	5278.4	5300	5282.15	-36.34	0.232	2.50	Pass
	5300	26000	5760.1	-40.80	0.083	2.50	Pass

5.2G, Chain 0, 802.11ac80

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Middle	30	5100	4799.98	-40.94	0.081	2.50	Pass
	5100	5123.2	5113.84	-37.33	0.185	2.50	Pass
	5123.2	5150	5129.86	-36.56	0.221	15	Pass
	5250	5251	5250.98	-25.94	2.547	26.18	Pass
	5251	5290	5251.10	-26.33	2.328	24.88	Pass
	5290	5296.7	5296.60	-37.94	0.161	2.51	Pass
	5296.7	5350	5333.61	-37.00	0.200	2.50	Pass
	5350	26000	5759.4	-41.38	0.073	2.50	Pass

5.2G, Chain 0, 802.11ax20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	5030.41	-40.55	0.088	2.50	Pass
	5100	5142	5119.72	-36.61	0.218	2.50	Pass
	5142	5150	5143.97	-36.01	0.251	15	Pass
	5250	5250.2	5250.13	-37.23	0.189	969.77	Pass
	5250.2	5251	5250.99	-38.14	0.153	102.33	Pass
	5251	5260	5259.77	-37.93	0.161	16.61	Pass
	5260	5266.7	5265.91	-37.80	0.166	3.10	Pass
	5266.7	5300	5289.89	-36.77	0.210	2.50	Pass
	5300	26000	5760.1	-40.49	0.089	2.50	Pass
Middle	30	5100	5037.51	-40.33	0.093	2.50	Pass
	5100	5142	5110.31	-36.37	0.231	2.50	Pass
	5142	5150	5149.25	-36.60	0.219	15	Pass
	5250	5250.2	5250.17	-37.18	0.191	758.58	Pass
	5250.2	5251	5251.00	-37.68	0.171	100.00	Pass
	5251	5260	5259.15	-37.10	0.195	18.86	Pass
	5260	5266.7	5265.55	-37.18	0.191	3.42	Pass
	5266.7	5300	5297.53	-37.17	0.192	2.50	Pass
	5300	26000	5760.1	-38.92	0.128	2.50	Pass
High	30	5100	2440.91	-38.09	0.155	2.50	Pass
	5100	5142	5128.41	-36.51	0.223	2.50	Pass
	5142	5150	5147.14	-36.66	0.216	15	Pass
	5250	5250.2	5250.00	-8.57	138.995	2154.43	Pass
	5250.2	5251	5250.95	-18.15	15.311	112.20	Pass
	5251	5260	5251.06	-20.32	9.290	98.78	Pass
	5260	5266.7	5265.87	-37.76	0.167	3.13	Pass
	5266.7	5300	5295.53	-37.15	0.193	2.50	Pass
	5300	26000	5760.1	-39.23	0.119	2.50	Pass

5.2G, Chain 0, 802.11ax40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	4988.84	-38.87	0.130	2.50	Pass
	5100	5141.6	5109.80	-35.94	0.255	2.50	Pass
	5141.6	5150	5148.32	-36.14	0.243	15	Pass
	5250	5251	5250.98	-37.26	0.188	52.36	Pass
	5251	5270	5269.66	-37.56	0.175	8.19	Pass
	5270	5278.4	5278.35	-37.27	0.187	2.50	Pass
	5278.4	5300	5299.08	-36.93	0.203	2.50	Pass
	5300	26000	5760.1	-39.90	0.102	2.50	Pass
High	30	5100	4987.83	-40.21	0.095	2.50	Pass
	5100	5141.6	5107.05	-36.45	0.226	2.50	Pass
	5141.6	5150	5146.72	-36.00	0.251	15	Pass
	5250	5251	5250.98	-20.30	9.333	52.36	Pass
	5251	5270	5251.08	-20.61	8.690	49.61	Pass
	5270	5278.4	5278.35	-37.35	0.184	2.50	Pass
	5278.4	5300	5295.15	-37.12	0.194	2.50	Pass
	5300	26000	5399.9	-40.75	0.084	2.50	Pass

5.2G, Chain 0, 802.11ax80

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Middle	30	5100	4800.24	-39.77	0.105	2.50	Pass
	5100	5123.2	5117.34	-35.75	0.266	2.50	Pass
	5123.2	5150	5146.07	-37.27	0.187	15	Pass
	5250	5251	5250.92	-24.18	3.819	30.06	Pass
	5251	5290	5251.02	-24.58	3.483	24.98	Pass
	5290	5296.7	5295.95	-37.77	0.167	2.63	Pass
	5296.7	5350	5305.95	-36.82	0.208	2.50	Pass
	5350	26000	5760.4	-39.38	0.115	2.50	Pass

5.2G, Chain 1, 802.11a

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	4930.79	-39.97	0.101	2.50	Pass
	5100	5142	5137.40	-26.91	2.037	2.50	Pass
	5142	5150	5147.61	-27.13	1.936	15	Pass
	5250	5250.2	5250.15	-27.58	1.746	707.95	Pass
	5250.2	5251	5250.98	-28.30	1.479	104.71	Pass
	5251	5260	5259.74	-28.37	1.455	16.72	Pass
	5260	5266.7	5265.77	-28.43	1.435	3.22	Pass
	5266.7	5300	5266.46	-27.29	1.866	2.50	Pass
	5300	26000	5413.3	-40.16	0.096	2.50	Pass
Middle	30	5100	5059.82	-40.11	0.097	2.50	Pass
	5100	5142	5130.43	-27.53	1.766	2.50	Pass
	5142	5150	5142.92	-27.31	1.858	15	Pass
	5250	5250.2	5250.16	-27.23	1.892	691.83	Pass
	5250.2	5251	5251.00	-28.52	1.406	100.00	Pass
	5251	5260	5259.98	-28.16	1.528	15.91	Pass
	5260	5266.7	5265.84	-28.22	1.507	3.16	Pass
	5266.7	5300	5280.16	-26.83	2.075	2.50	Pass
	5300	26000	5371.9	-39.83	0.104	2.50	Pass
High	30	5100	5082.64	-39.97	0.101	2.50	Pass
	5100	5142	5124.97	-26.87	2.056	2.50	Pass
	5142	5150	5148.84	-27.29	1.866	15	Pass
	5250	5250.2	5250.01	-1.26	748.170	977.24	Pass
	5250.2	5251	5250.93	-10.45	90.157	117.49	Pass
	5251	5260	5251.03	-12.32	58.614	99.39	Pass
	5260	5266.7	5265.42	-27.84	1.644	3.54	Pass
	5266.7	5300	5266.49	-27.42	1.811	2.50	Pass
	5300	26000	5429.9	-39.75	0.106	2.50	Pass

5.2G, Chain 1, 802.11n20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	5008.11	-40.16	0.096	2.50	Pass
	5100	5142	5104.43	-36.12	0.244	2.50	Pass
	5142	5150	5143.66	-36.46	0.226	15	Pass
	5250	5250.2	5250.12	-36.72	0.213	758.58	Pass
	5250.2	5251	5250.93	-36.92	0.203	117.49	Pass
	5251	5260	5259.95	-37.89	0.163	16.01	Pass
	5260	5266.7	5265.99	-37.74	0.168	3.03	Pass
	5266.7	5300	5269.49	-36.78	0.210	2.50	Pass
	5300	26000	5472.3	-41.58	0.070	2.50	Pass
Middle	30	5100	4978.45	-41.51	0.071	2.50	Pass
	5100	5142	5132.28	-36.23	0.238	2.50	Pass
	5142	5150	5148.37	-36.57	0.220	15	Pass
	5250	5250.2	5250.17	-37.17	0.192	676.08	Pass
	5250.2	5251	5251.00	-36.68	0.215	100.00	Pass
	5251	5260	5259.78	-37.78	0.167	16.58	Pass
	5260	5266.7	5265.90	-38.00	0.158	3.10	Pass
	5266.7	5300	5274.42	-37.16	0.192	2.50	Pass
	5300	26000	5344	-42.02	0.063	2.50	Pass
High	30	5100	5025.34	-41.86	0.065	2.50	Pass
	5100	5142	5112.03	-35.43	0.286	2.50	Pass
	5142	5150	5146.84	-36.98	0.200	15	Pass
	5250	5250.2	5250.01	-6.23	238.232	977.24	Pass
	5250.2	5251	5250.99	-15.63	27.353	102.33	Pass
	5251	5260	5251.12	-17.60	17.378	97.57	Pass
	5260	5266.7	5265.95	-37.83	0.165	3.06	Pass
	5266.7	5300	5267.72	-37.00	0.200	2.50	Pass
	5300	26000	5355.4	-41.77	0.067	2.50	Pass

5.2G, Chain 1, 802.11n40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	5025.09	-41.26	0.075	2.50	Pass
	5100	5141.6	5119.28	-36.15	0.243	2.50	Pass
	5141.6	5150	5144.55	-36.50	0.224	15	Pass
	5250	5251	5250.97	-36.79	0.209	53.58	Pass
	5251	5270	5269.76	-36.85	0.207	8.11	Pass
	5270	5278.4	5278.12	-37.71	0.169	2.58	Pass
	5278.4	5300	5293.98	-36.90	0.204	2.50	Pass
	5300	26000	5760.1	-41.15	0.077	2.50	Pass
High	30	5100	4983.52	-41.42	0.072	2.50	Pass
	5100	5141.6	5132.88	-36.42	0.228	2.50	Pass
	5141.6	5150	5147.32	-36.55	0.221	15	Pass
	5250	5251	5250.95	-18.65	13.646	56.10	Pass
	5251	5270	5251.06	-19.85	10.351	49.71	Pass
	5270	5278.4	5275.41	-35.94	0.255	3.75	Pass
	5278.4	5300	5282.04	-37.02	0.199	2.50	Pass
	5300	26000	5344	-41.11	0.077	2.50	Pass

5.2G, Chain 1, 802.11ac80

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Middle	30	5100	5007.85	-40.96	0.080	2.50	Pass
	5100	5123.2	5120.80	-36.45	0.226	2.50	Pass
	5123.2	5150	5142.59	-37.08	0.196	15	Pass
	5250	5251	5250.96	-25.21	3.013	27.41	Pass
	5251	5290	5251.06	-26.52	2.228	24.93	Pass
	5290	5296.7	5295.28	-37.93	0.161	2.75	Pass
	5296.7	5350	5339.26	-36.68	0.215	2.50	Pass
	5350	26000	5406.3	-41.95	0.064	2.50	Pass

5.2G, Chain 1, 802.11ax20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	5003.04	-40.64	0.086	2.50	Pass
	5100	5142	5111.82	-36.50	0.224	2.50	Pass
	5142	5150	5147.74	-36.43	0.228	15	Pass
	5250	5250.2	5250.18	-36.80	0.209	713.40	Pass
	5250.2	5251	5250.99	-37.89	0.163	102.33	Pass
	5251	5260	5259.84	-38.29	0.148	16.38	Pass
	5260	5266.7	5265.83	-37.99	0.159	3.17	Pass
	5266.7	5300	5279.79	-36.70	0.214	2.50	Pass
	5300	26000	5328.5	-39.91	0.102	2.50	Pass
Middle	30	5100	4979.71	-40.74	0.084	2.50	Pass
	5100	5142	5100.48	-36.03	0.249	2.50	Pass
	5142	5150	5145.29	-36.38	0.230	15	Pass
	5250	5250.2	5250.17	-36.69	0.214	758.58	Pass
	5250.2	5251	5251.00	-37.96	0.160	100.00	Pass
	5251	5260	5259.07	-36.96	0.201	19.17	Pass
	5260	5266.7	5265.74	-37.25	0.188	3.24	Pass
	5266.7	5300	5290.84	-37.09	0.195	2.50	Pass
	5300	26000	5353.3	-40.66	0.086	2.50	Pass
High	30	5100	5024.58	-40.96	0.080	2.50	Pass
	5100	5142	5107.04	-36.11	0.245	2.50	Pass
	5142	5150	5143.60	-35.90	0.257	15	Pass
	5250	5250.2	5250.02	-4.39	363.915	1905.46	Pass
	5250.2	5251	5250.66	-11.48	71.121	218.78	Pass
	5251	5260	5251.04	-17.89	16.255	99.18	Pass
	5260	5266.7	5265.62	-37.20	0.191	3.35	Pass
	5266.7	5300	5289.14	-37.04	0.198	2.50	Pass
	5300	26000	5345	-41.38	0.073	2.50	Pass

5.2G, Chain 1, 802.11ax40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	5019.26	-40.27	0.094	2.50	Pass
	5100	5141.6	5104.72	-36.27	0.236	2.50	Pass
	5141.6	5150	5146.68	-35.89	0.258	15	Pass
	5250	5251	5251.00	-36.98	0.200	50.00	Pass
	5251	5270	5269.90	-37.18	0.191	8.00	Pass
	5270	5278.4	5278.30	-37.62	0.173	2.52	Pass
	5278.4	5300	5279.12	-36.35	0.232	2.50	Pass
	5300	26000	5349.2	-40.36	0.092	2.50	Pass
High	30	5100	5066.66	-41.02	0.079	2.50	Pass
	5100	5141.6	5137.67	-36.50	0.224	2.50	Pass
	5141.6	5150	5141.99	-36.48	0.225	15	Pass
	5250	5251	5250.94	-18.16	15.276	57.41	Pass
	5251	5270	5251.06	-19.06	12.417	49.71	Pass
	5270	5278.4	5278.24	-37.54	0.176	2.54	Pass
	5278.4	5300	5281.50	-36.78	0.210	2.50	Pass
	5300	26000	5393.7	-41.15	0.077	2.50	Pass

5.2G, Chain 1, 802.11ax80

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Middle	30	5100	5048.92	-41.52	0.070	2.50	Pass
	5100	5123.2	5104.56	-37.06	0.197	2.50	Pass
	5123.2	5150	5131.23	-36.62	0.218	15	Pass
	5250	5251	5250.99	-22.27	5.929	25.58	Pass
	5251	5290	5251.33	-23.84	4.130	24.61	Pass
	5290	5296.7	5294.32	-37.24	0.189	2.94	Pass
	5296.7	5350	5306.32	-37.11	0.195	2.50	Pass
	5350	26000	5376.3	-40.89	0.081	2.50	Pass

5.2G, Chain 0+Chain 1, 802.11n20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	/	-37.14	0.193	2.50	Pass
	5100	5142	5101.15	-30.74	0.843	2.50	Pass
	5142	5150	5147.32	-29.77	1.054	15	Pass
	5250	5250.2	5250.08	-30.49	0.893	831.76	Pass
	5250.2	5251	5250.99	-32.09	0.618	102.33	Pass
	5251	5260	5259.68	-31.64	0.685	16.92	Pass
	5260	5266.7	5265.83	-31.08	0.780	3.17	Pass
	5266.7	5300	5279.82	-30.10	0.977	2.50	Pass
	5300	26000	/	-38.23	0.150	2.50	Pass
Middle	30	5100	/	-38.06	0.156	2.50	Pass
	5100	5142	5127.20	-30.81	0.830	2.50	Pass
	5142	5150	5149.18	-30.54	0.883	15	Pass
	5250	5250.2	5250.17	-30.90	0.813	676.08	Pass
	5250.2	5251	5250.88	-30.00	1	131.83	Pass
	5251	5260	5259.02	-30.94	0.805	19.37	Pass
	5260	5266.7	5265.64	-31.42	0.721	3.34	Pass
	5266.7	5300	5299.40	-30.83	0.826	2.50	Pass
	5300	26000	/	-38.29	0.148	2.50	Pass
High	30	5100	/	-38.59	0.138	2.50	Pass
	5100	5142	5100.86	-30.50	0.891	2.50	Pass
	5142	5150	5144.14	-30.16	0.964	15	Pass
	5250	5250.2	5250.02	-1.45	716.143	954.99	Pass
	5250.2	5251	5250.98	-11.28	74.473	104.71	Pass
	5251	5260	5251.07	-12.75	53.088	98.58	Pass
	5260	5266.7	5265.54	-31.37	0.729	3.43	Pass
	5266.7	5300	5288.39	-30.02	0.995	2.50	Pass
	5300	26000	/	-38.31	0.148	2.50	Pass

5.2G, Chain 0+Chain 1, 802.11n40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	/	-38.27	0.149	2.50	Pass
	5100	5141.6	5114.25	-29.66	1.081	2.50	Pass
	5141.6	5150	5143.75	-30.25	0.944	15	Pass
	5250	5251	5250.99	-29.41	1.146	51.16	Pass
	5251	5270	5269.96	-31.45	0.716	7.96	Pass
	5270	5278.4	5278.14	-31.05	0.785	2.57	Pass
	5278.4	5300	5280.18	-30.36	0.920	2.50	Pass
	5300	26000	/	-38.48	0.142	2.50	Pass
High	30	5100	/	-37.89	0.163	2.50	Pass
	5100	5141.6	5101.52	-29.92	1.019	2.50	Pass
	5141.6	5150	5143.21	-30.25	0.944	15	Pass
	5250	5251	5250.97	-12.91	51.168	53.58	Pass
	5251	5270	5251.17	-13.74	42.267	49.18	Pass
	5270	5278.4	5277.98	-30.99	0.796	2.63	Pass
	5278.4	5300	5281.54	-30.27	0.940	2.50	Pass
	5300	26000	/	-37.94	0.161	2.50	Pass

5.2G, Chain 0+Chain 1, 802.11ac80

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Middle	30	5100	/	-37.94	0.161	2.50	Pass
	5100	5123.2	5120.52	-30.03	0.993	2.50	Pass
	5123.2	5150	5129.19	-30.88	0.817	15	Pass
	5250	5251	5250.97	-21.05	7.852	26.79	Pass
	5251	5290	5251.10	-22.17	6.067	24.88	Pass
	5290	5296.7	5294.56	-30.07	0.984	2.89	Pass
	5296.7	5350	5323.27	-30.72	0.847	2.50	Pass
	5350	26000	/	-38.65	0.136	2.50	Pass

5.2G, Chain 0+Chain 1, 802.11ax20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	/	-37.58	0.175	2.50	Pass
	5100	5142	5100.57	-29.75	1.059	2.50	Pass
	5142	5150	5143.33	-30.12	0.973	15	Pass
	5250	5250.2	5250.20	-31.09	0.778	630.96	Pass
	5250.2	5251	5250.98	-31.19	0.760	104.71	Pass
	5251	5260	5259.31	-31.52	0.705	18.25	Pass
	5260	5266.7	5265.91	-31.91	0.644	3.10	Pass
	5266.7	5300	5278.77	-29.91	1.021	2.50	Pass
	5300	26000	/	-37.18	0.191	2.50	Pass
Middle	30	5100	/	-37.52	0.177	2.50	Pass
	5100	5142	5138.03	-30.67	0.857	2.50	Pass
	5142	5150	5149.18	-30.44	0.904	15	Pass
	5250	5250.2	5250.18	-31.10	0.776	713.40	Pass
	5250.2	5251	5250.97	-31.22	0.755	107.15	Pass
	5251	5260	5259.73	-31.57	0.697	16.75	Pass
	5260	5266.7	5265.72	-31.56	0.698	3.26	Pass
	5266.7	5300	5274.93	-30.94	0.805	2.50	Pass
	5300	26000	/	-36.69	0.214	2.50	Pass
High	30	5100	/	-36.28	0.236	2.50	Pass
	5100	5142	5131.06	-30.81	0.830	2.50	Pass
	5142	5150	5144.86	-30.00	1	15	Pass
	5250	5250.2	5250.03	-3.22	476.431	1791.98	Pass
	5250.2	5251	5250.95	-12.96	50.582	112.20	Pass
	5251	5260	5251.09	-14.93	32.137	98.17	Pass
	5260	5266.7	5265.27	-31.31	0.740	3.69	Pass
	5266.7	5300	5273.43	-31.09	0.778	2.50	Pass
	5300	26000	/	-37.16	0.192	2.50	Pass

5.2G, Chain 0+Chain 1, 802.11ax40

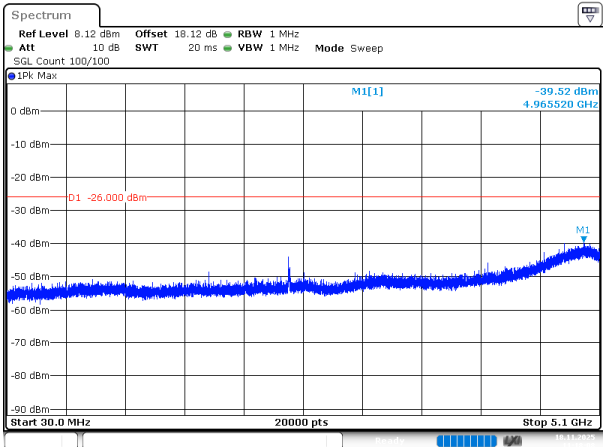
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	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Low	30	5100	/	-36.50	0.224	2.50	Pass
	5100	5141.6	5120.99	-30.34	0.925	2.50	Pass
	5141.6	5150	5149.19	-30.17	0.962	15	Pass
	5250	5251	5250.97	-31.21	0.757	53.58	Pass
	5251	5270	5269.65	-30.72	0.847	8.20	Pass
	5270	5278.4	5278.01	-31.03	0.789	2.62	Pass
	5278.4	5300	5299.38	-30.16	0.964	2.50	Pass
	5300	26000	/	-37.11	0.195	2.50	Pass
High	30	5100	/	-37.59	0.174	2.50	Pass
	5100	5141.6	5111.17	-30.40	0.912	2.50	Pass
	5141.6	5150	5145.63	-29.98	1.005	15	Pass
	5250	5251	5250.96	-14.22	37.844	54.82	Pass
	5251	5270	5251.17	-15.71	26.853	49.18	Pass
	5270	5278.4	5277.51	-30.59	0.873	2.81	Pass
	5278.4	5300	5297.85	-30.00	1	2.50	Pass
	5300	26000	/	-37.94	0.161	2.50	Pass

5.2G, Chain 0+Chain 1, 802.11ax80

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μ W/MHz)	Verdict
	Start (MHz)	Stop (MHz)		Reading (dBm/MHz)	Result (μ W/MHz)		
Middle	30	5100	/	-37.55	0.176	2.50	Pass
	5100	5123.2	5112.61	-30.33	0.927	2.50	Pass
	5123.2	5150	5142.91	-30.28	0.938	15	Pass
	5250	5251	5250.97	-19.65	10.839	26.79	Pass
	5251	5290	5251.02	-20.62	8.670	24.98	Pass
	5290	5296.7	5295.85	-31.19	0.760	2.65	Pass
	5296.7	5350	5345.50	-29.45	1.135	2.50	Pass
	5350	26000	/	-37.06	0.197	2.50	Pass

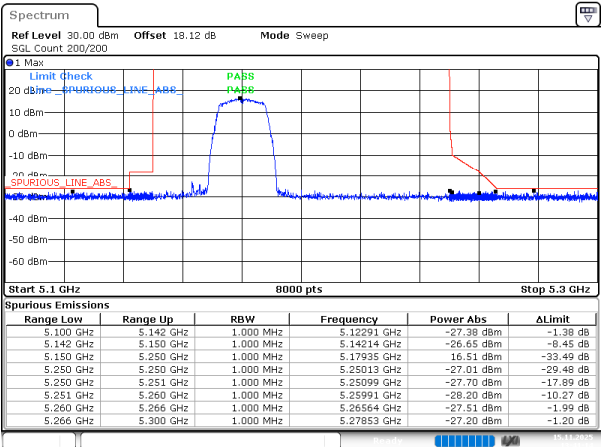
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802.11a, Low Channel(30MHz~5.1GHz)



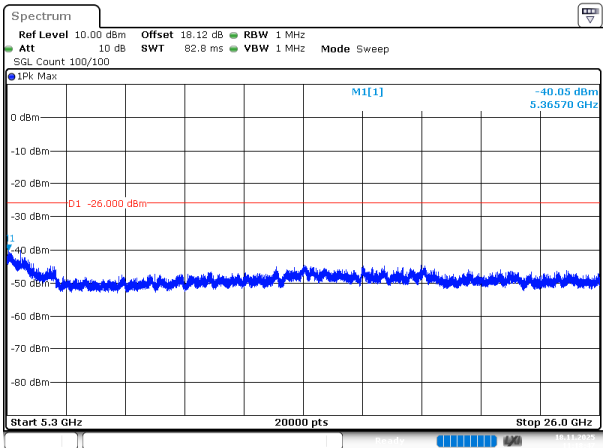
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802.11a, Low Channel(5.1GHz~5.3GHz)



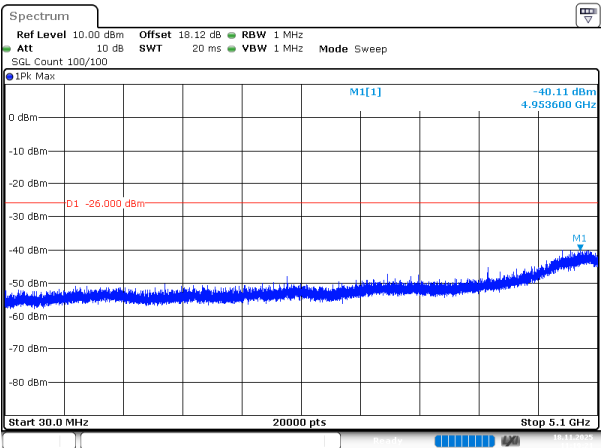
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802.11a, Low Channel(5.3GHz~26GHz)



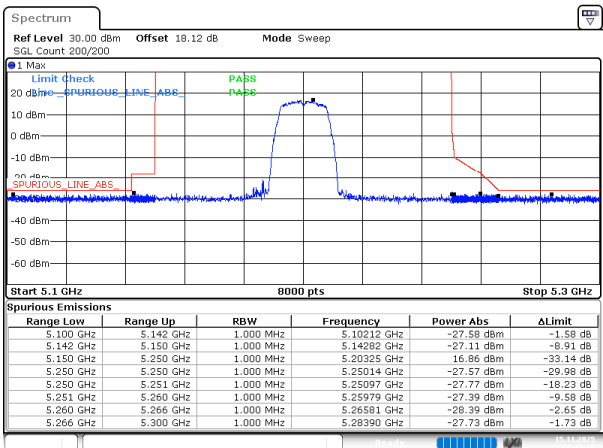
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802.11a, Middle Channel(30MHz~5.1GHz)



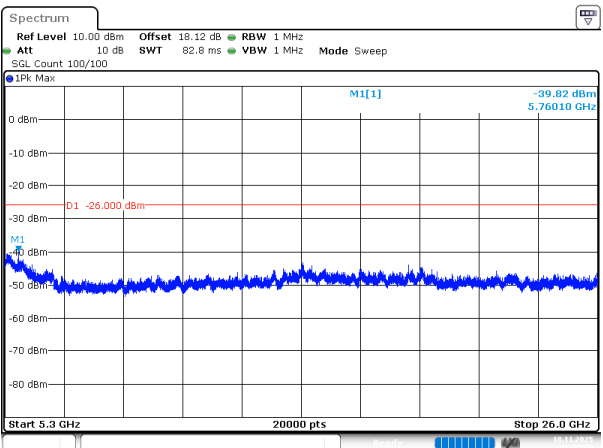
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802.11a, Middle Channel(5.1GHz~5.3GHz)



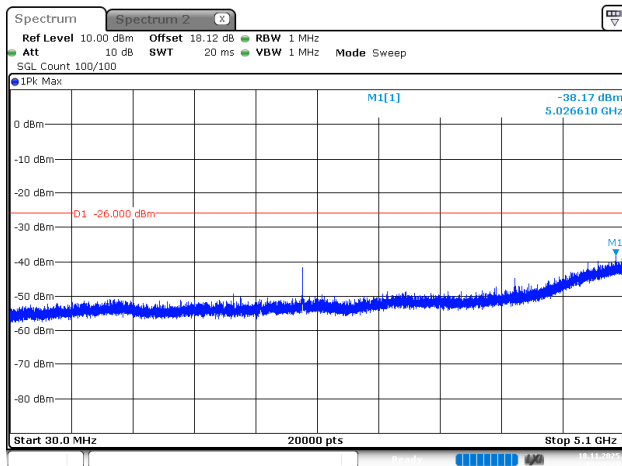
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802.11a, Middle Channel(5.3GHz~26GHz)



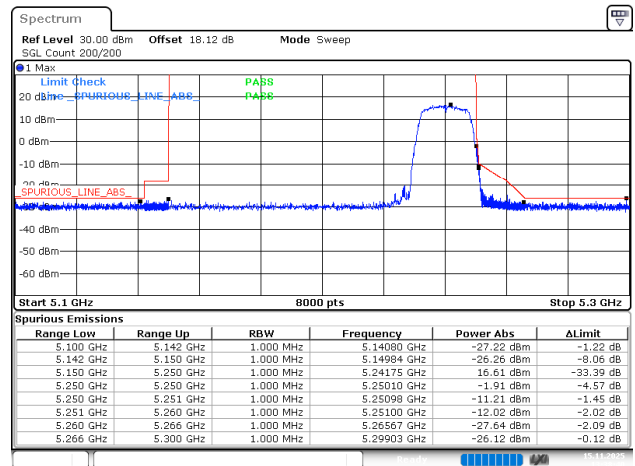
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802.11a, High Channel(30MHz~5.1GHz)



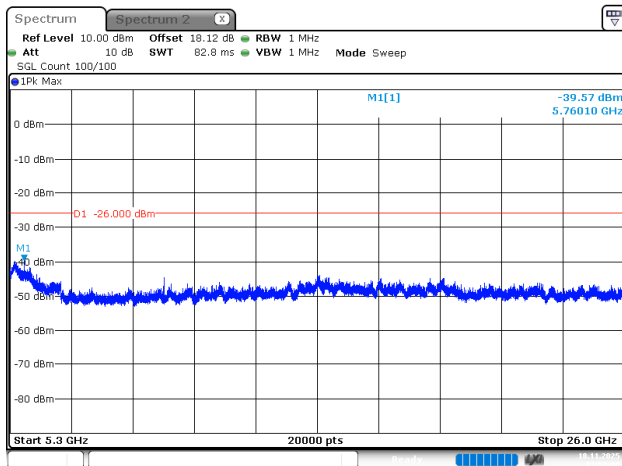
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802.11a, High Channel(5.1GHz~5.3GHz)



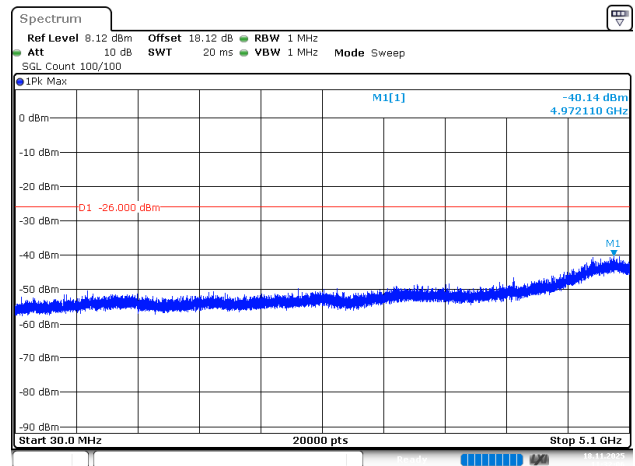
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802.11a, High Channel(5.3GHz~26GHz)



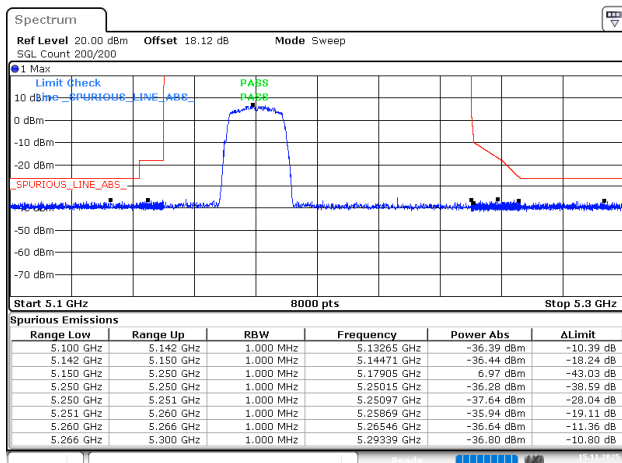
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802.11n20, Low Channel(30MHz~5.1GHz)



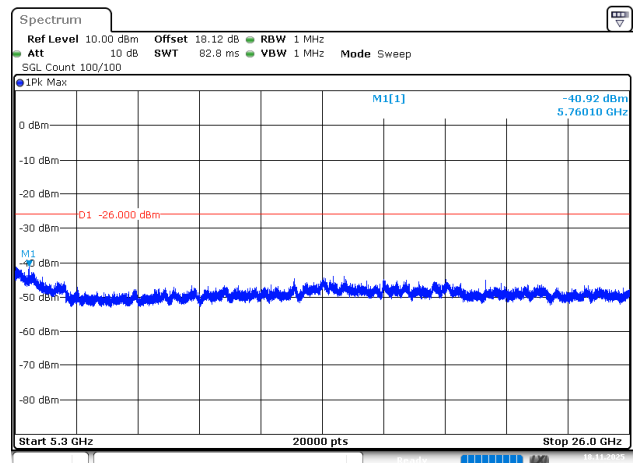
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802.11n20, Low Channel(5.1GHz~5.3GHz)



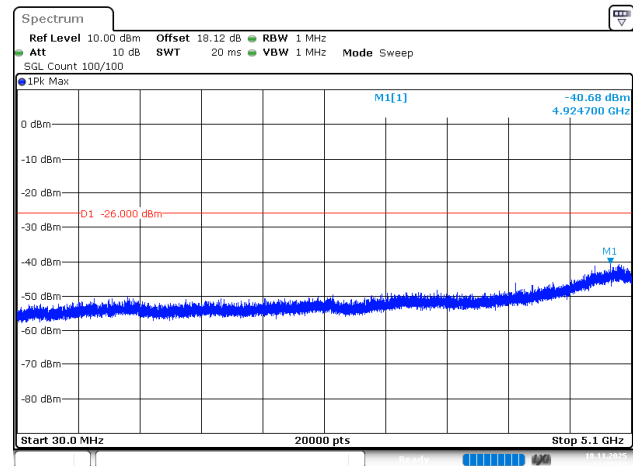
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802.11n20, Low Channel(5.3GHz~26GHz)



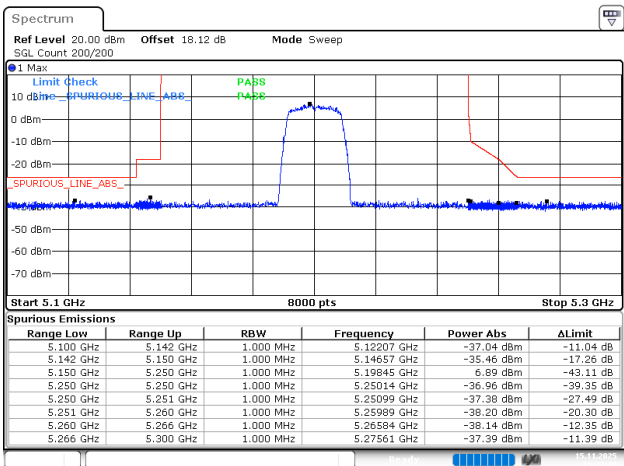
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802.11n20, Middle Channel(30MHz~5.1GHz)



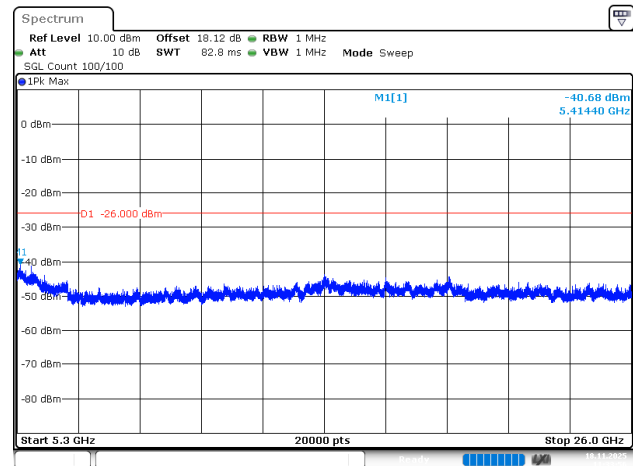
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802.11n20, Middle Channel(5.1GHz~5.3GHz)



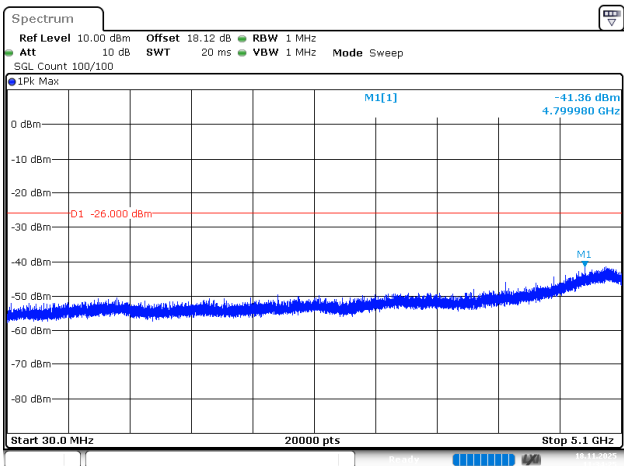
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802.11n20, Middle Channel(5.3GHz~26GHz)



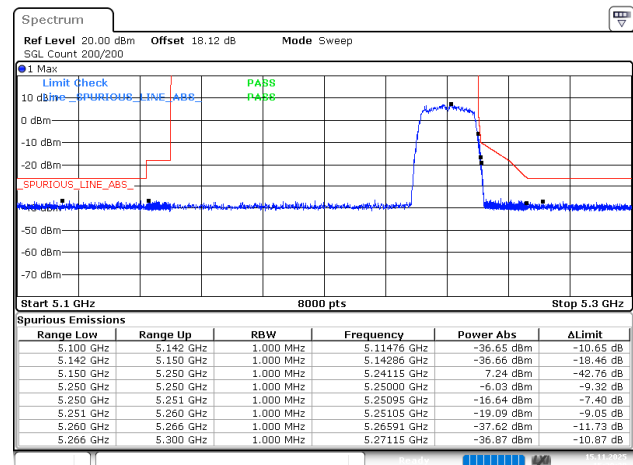
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802.11n20, High Channel(30MHz~5.1GHz)



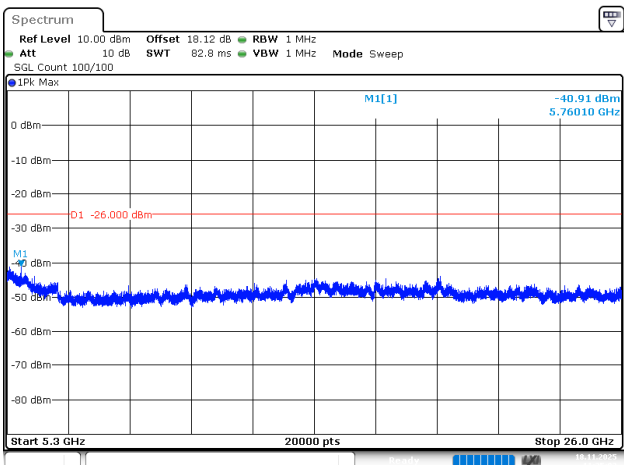
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802.11n20, High Channel(5.1GHz~5.3GHz)



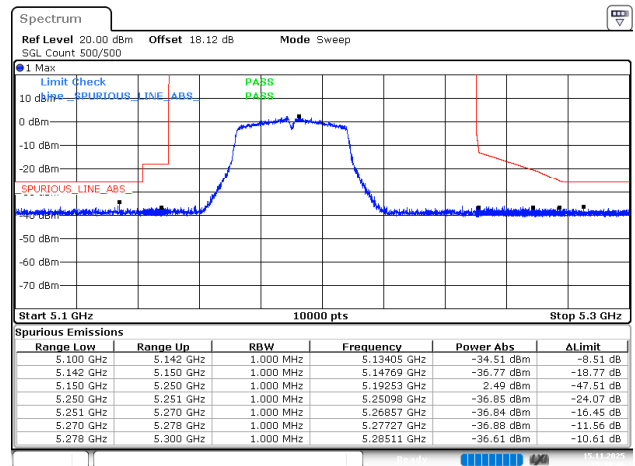
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802.11n20, High Channel(5.3GHz~26GHz)



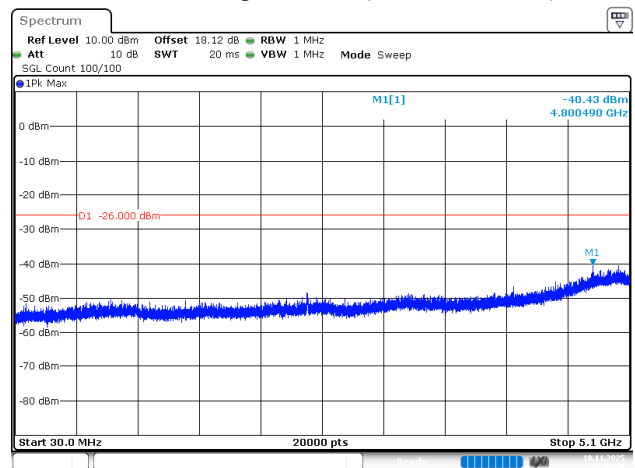
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802.11n40, Low Channel(5.1GHz~5.3GHz)



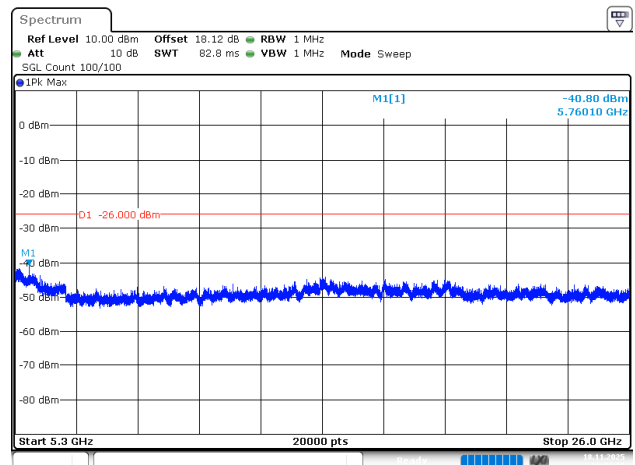
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802.11n40, High Channel(30MHz~5.1GHz)



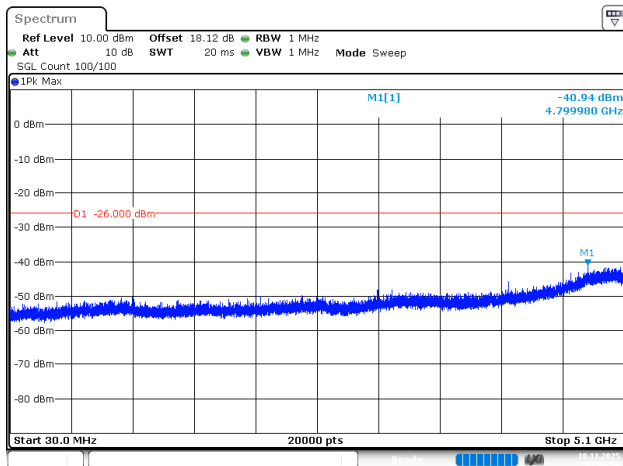
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802.11n40, High Channel(5.3GHz~26GHz)



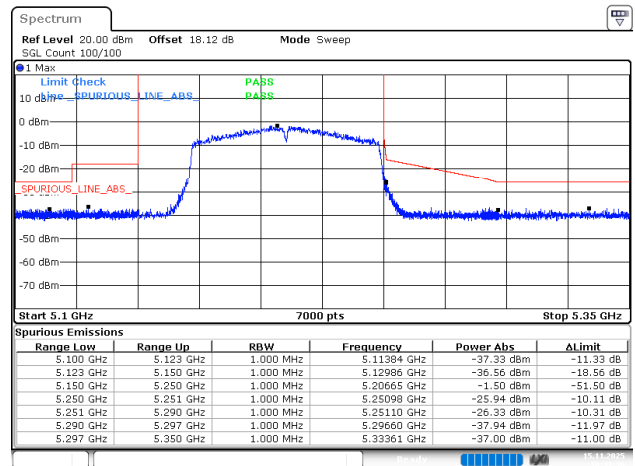
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802.11ac80, Middle Channel(30MHz~5.1GHz)



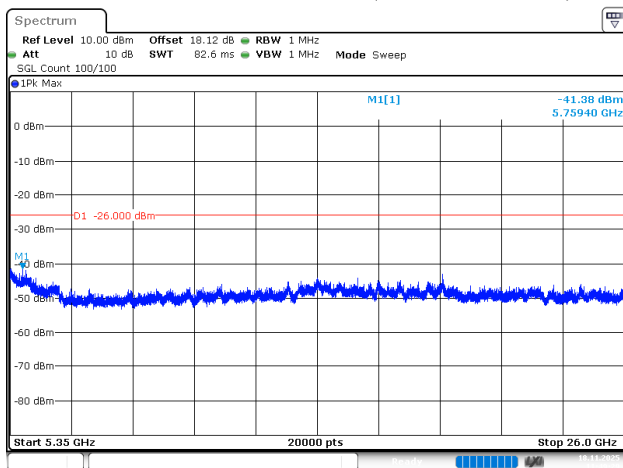
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802.11ac80, Middle Channel(5.1GHz~5.3GHz)



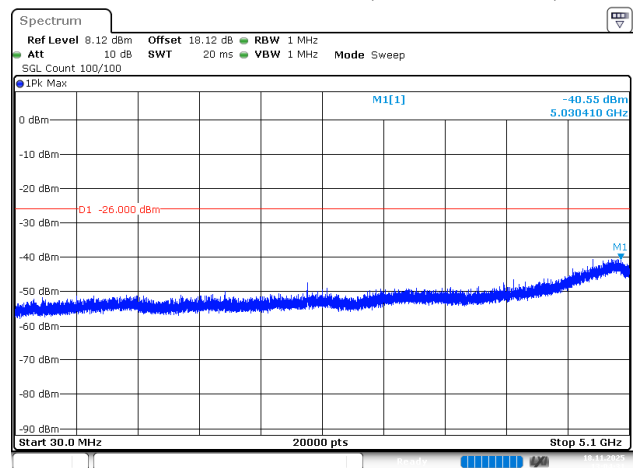
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802.11ac80, Middle Channel(5.35GHz~26GHz)



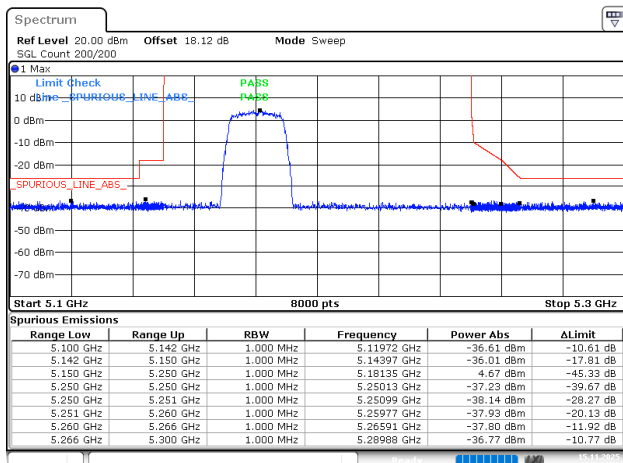
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802.11ax20, Low Channel(30MHz~5.1GHz)



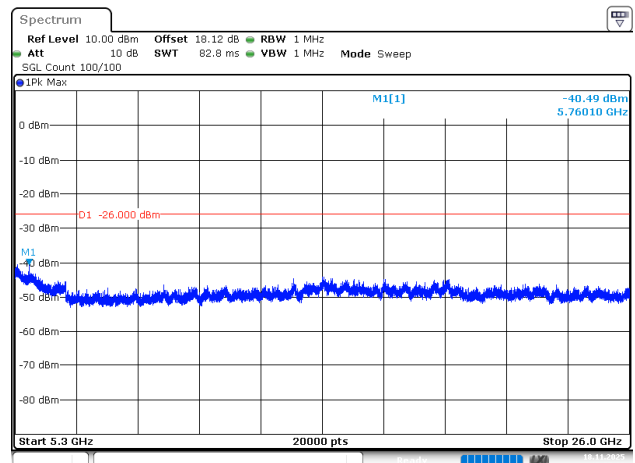
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Date: 18.NOV.2025 13:04:32

802.11ax20, Low Channel(5.1GHz~5.3GHz)



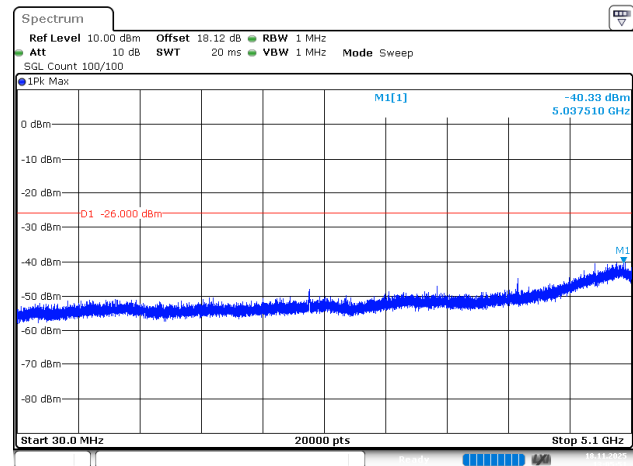
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 15:43:38

802.11ax20, Low Channel(5.3GHz~26GHz)



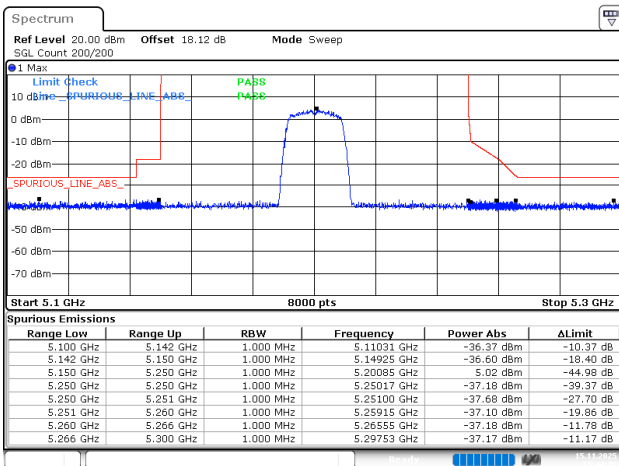
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:05:10

802.11ax20, Middle Channel(30MHz~5.1GHz)



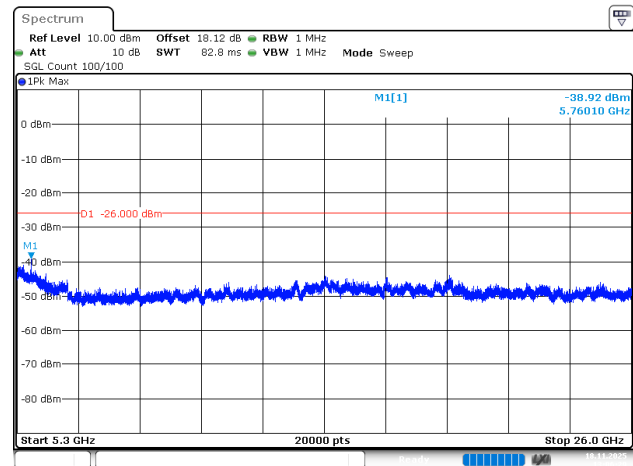
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:05:52

802.11ax20, Middle Channel(5.1GHz~5.3GHz)



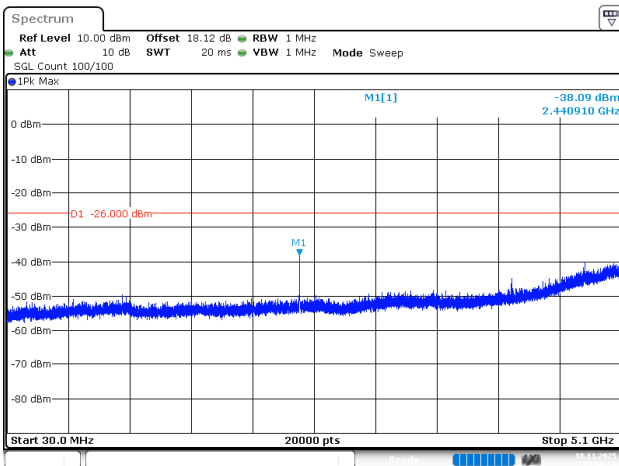
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 15:44:33

802.11ax20, Middle Channel(5.3GHz~26GHz)



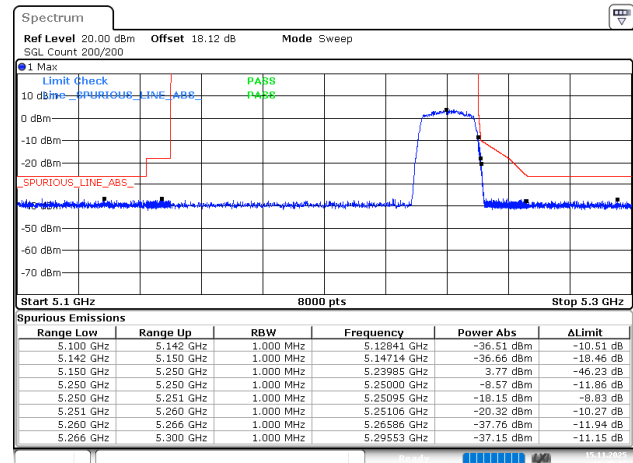
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:06:30

802.11ax20, High Channel(30MHz~5.1GHz)



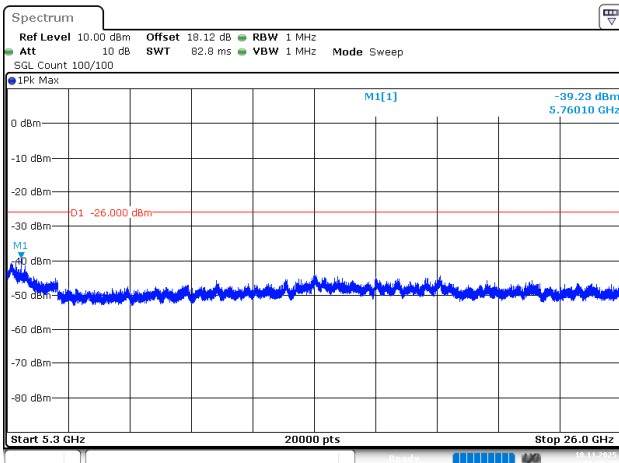
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:07:00

802.11ax20, High Channel(5.1GHz~5.3GHz)



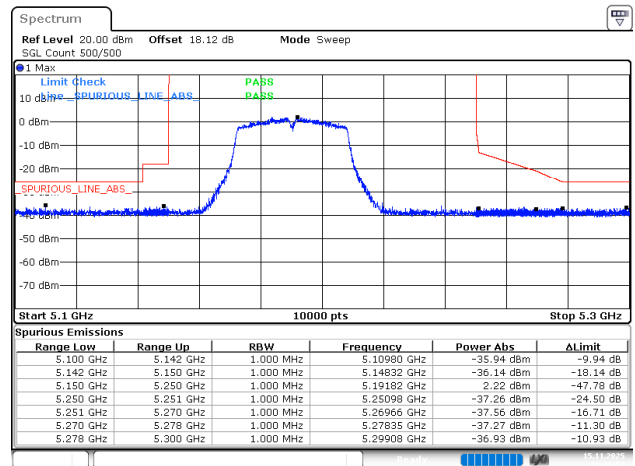
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 15:45:21

802.11ax20, High Channel(5.3GHz~26GHz)



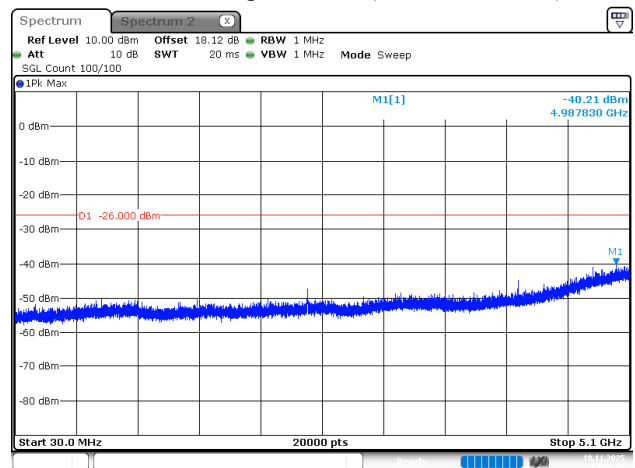
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:07:30

802.11ax40, Low Channel(5.1GHz~5.3GHz)



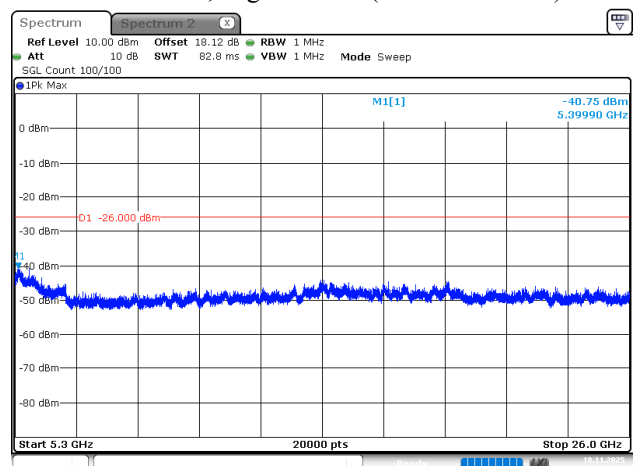
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 15:46:57

802.11ax40, High Channel(30MHz~5.1GHz)



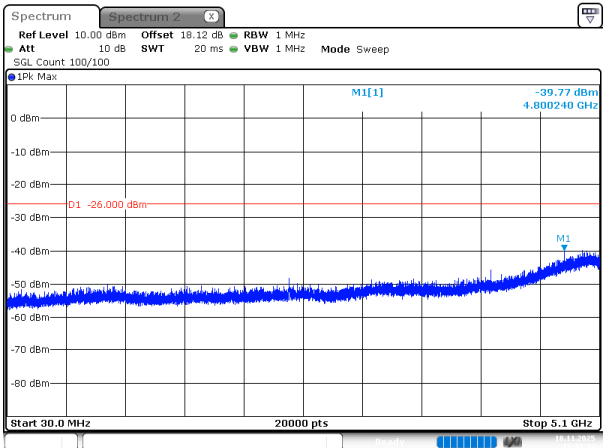
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:26:26

802.11ax40, High Channel(5.3GHz~26GHz)



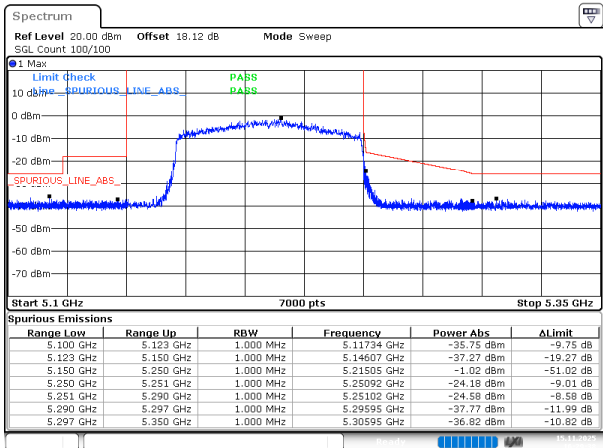
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:27:05

802.11ax80, Middle Channel(30MHz~5.1GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:43:25

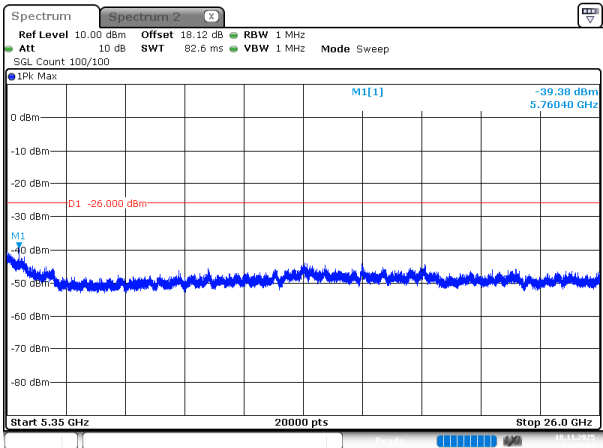
802.11ax80, Middle Channel(5.1GHz~5.3GHz)



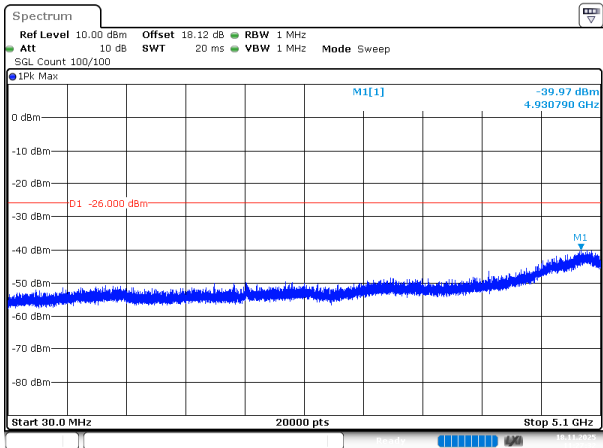
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 16:29:38

W52, Chain 1, Test Condition: NV

802.11a, Low Channel(30MHz~5.1GHz)

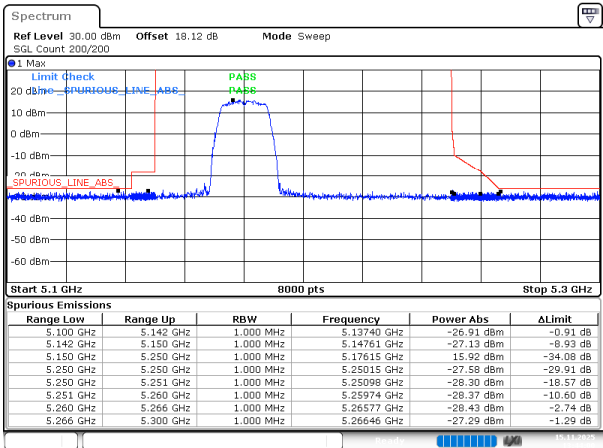


ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:44:02



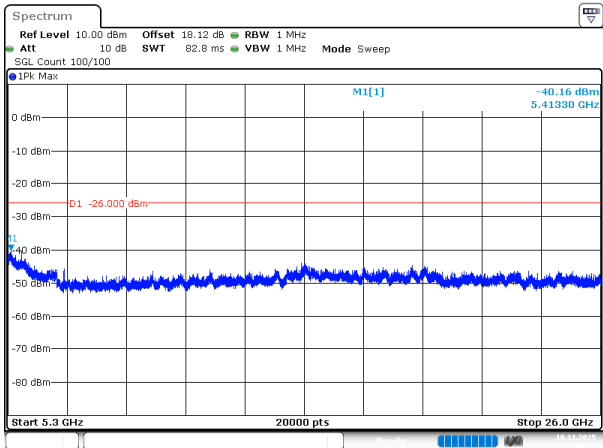
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:27:33

802.11a, Low Channel(5.1GHz~5.3GHz)



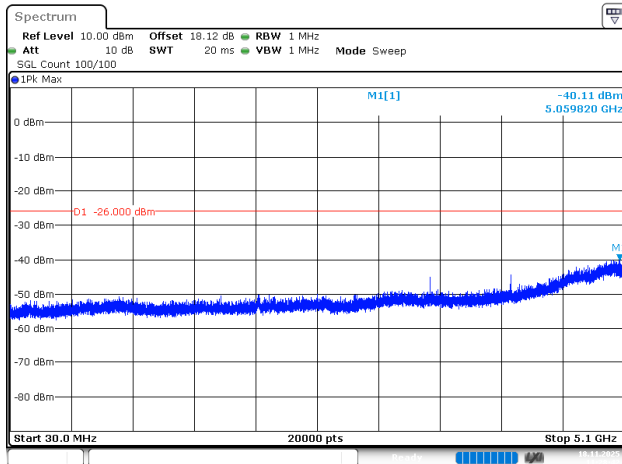
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 13:44:00

802.11a, Low Channel(5.3GHz~26GHz)



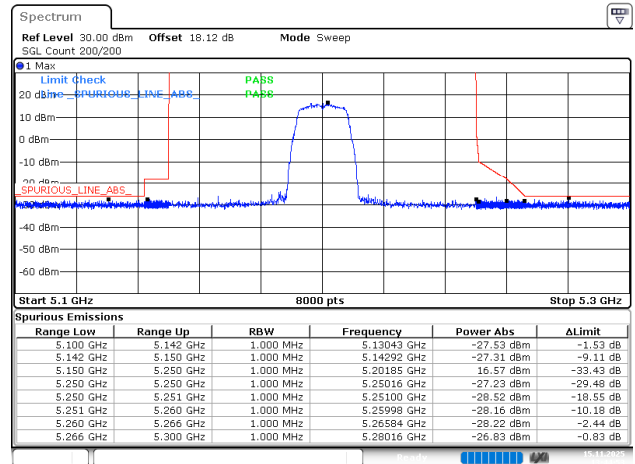
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:28:11

802.11a, Middle Channel(30MHz~5.1GHz)



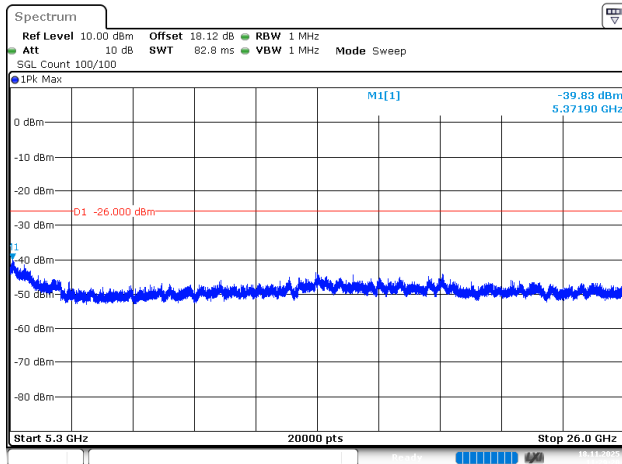
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:28:42

802.11a, Middle Channel(5.1GHz~5.3GHz)



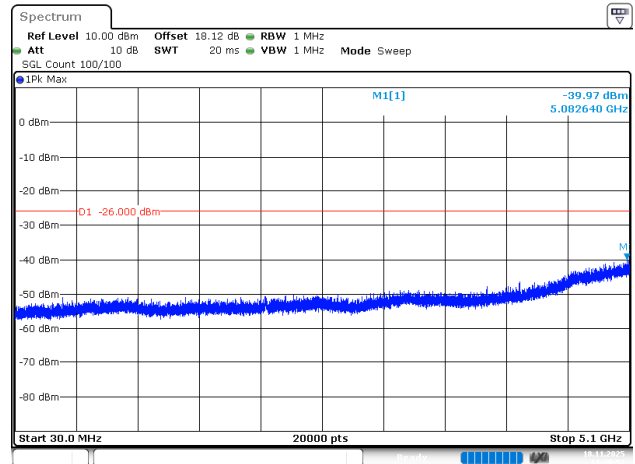
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 13:44:53

802.11a, Middle Channel(5.3GHz~26GHz)



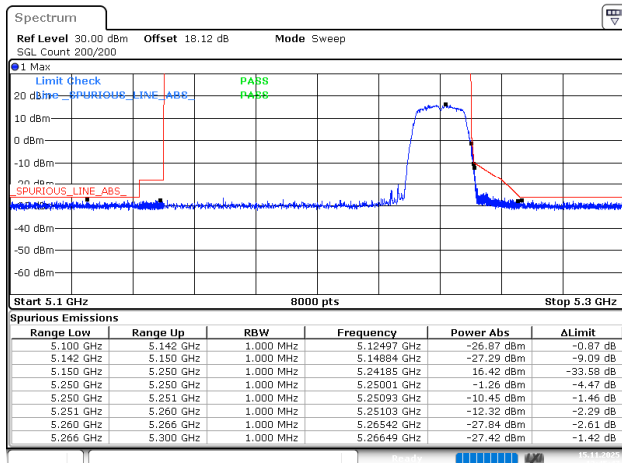
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:29:20

802.11a, High Channel(30MHz~5.1GHz)



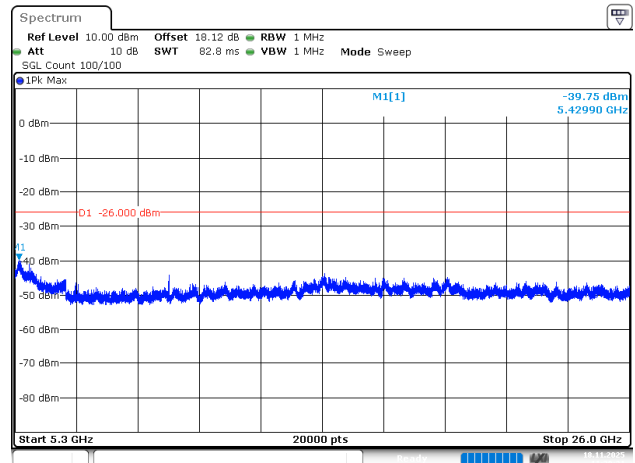
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:29:53

802.11a, High Channel(5.1GHz~5.3GHz)



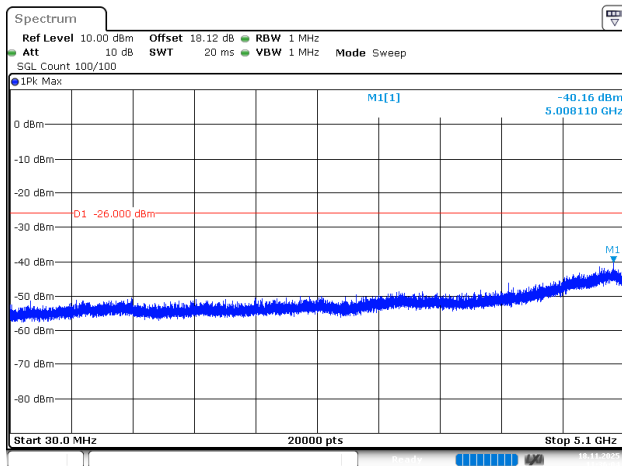
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 13:45:47

802.11a, High Channel(5.3GHz~26GHz)



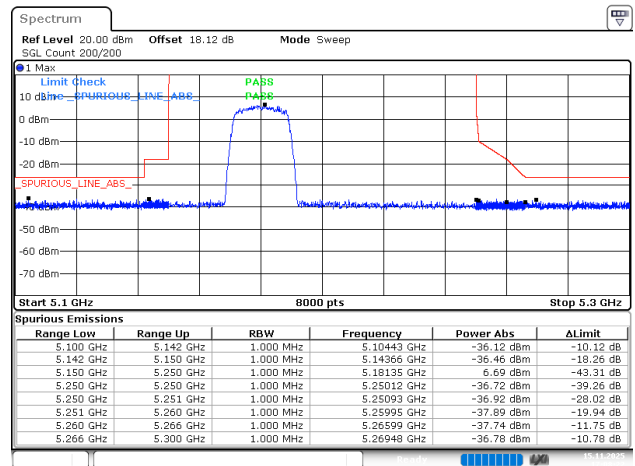
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:30:31

802.11n20, Low Channel(30MHz~5.1GHz)



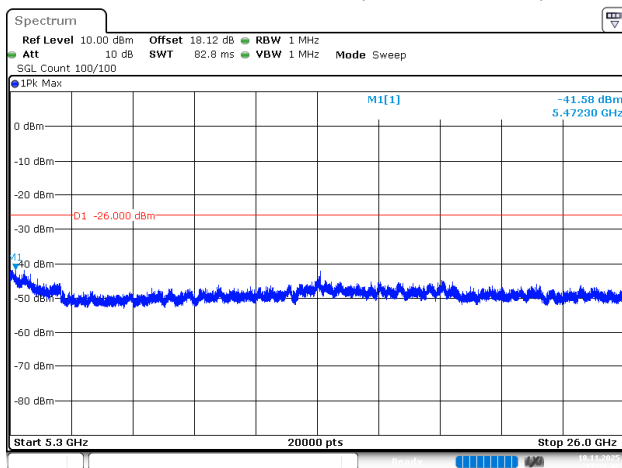
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:36:04

802.11n20, Low Channel(5.1GHz~5.3GHz)



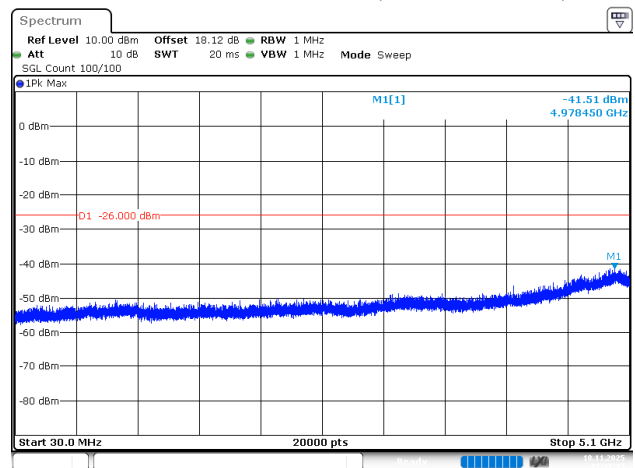
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:08:22

802.11n20, Low Channel(5.3GHz~26GHz)



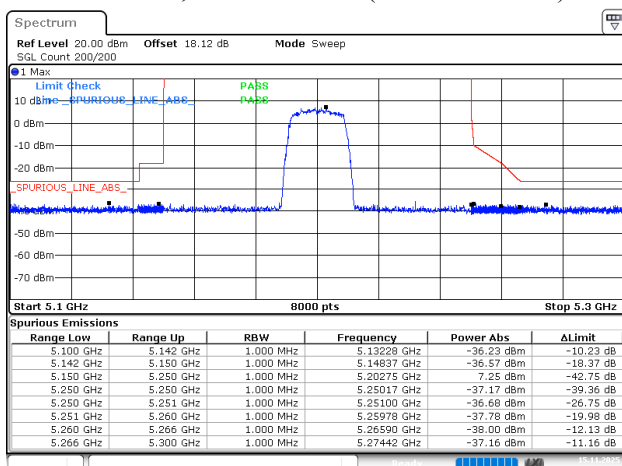
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:36:42

802.11n20, Middle Channel(30MHz~5.1GHz)



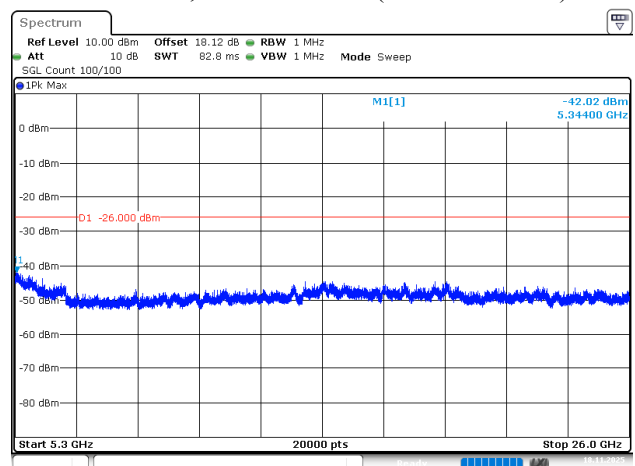
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:37:14

802.11n20, Middle Channel(5.1GHz~5.3GHz)



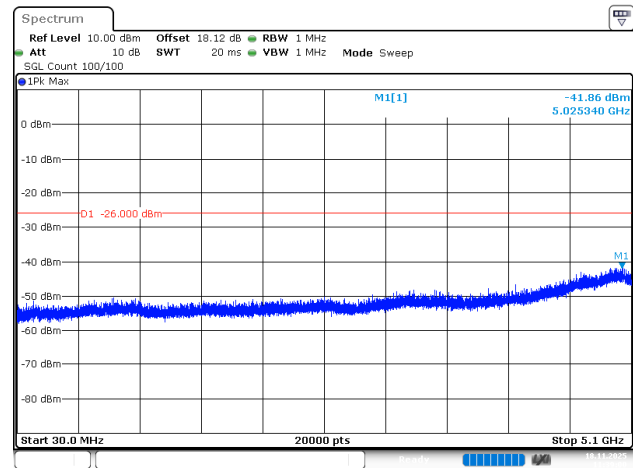
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:09:17

802.11n20, Middle Channel(5.3GHz~26GHz)

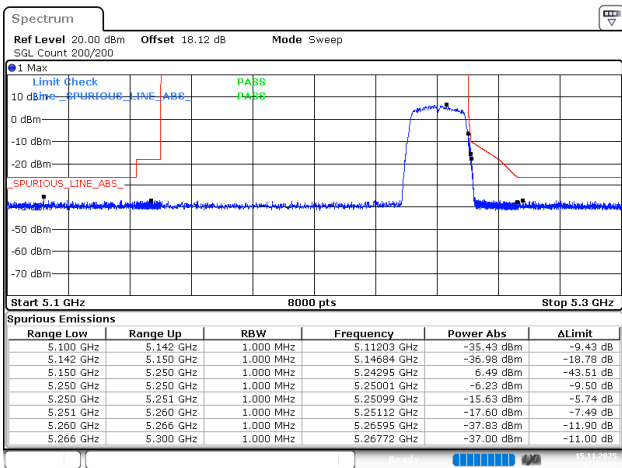


ProjectNo.:2502Y27382E-RF Tester:Conor Fu
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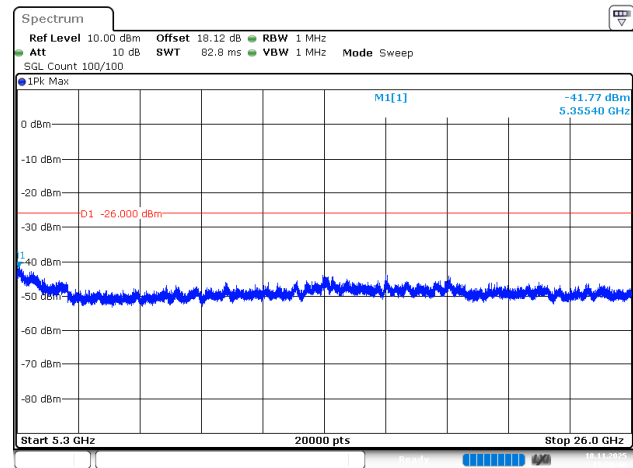
802.11n20, High Channel(30MHz~5.1GHz)



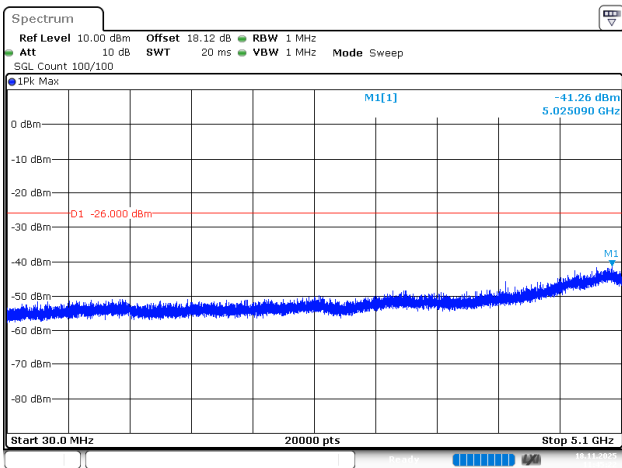
802.11n20, High Channel(5.1GHz~5.3GHz)



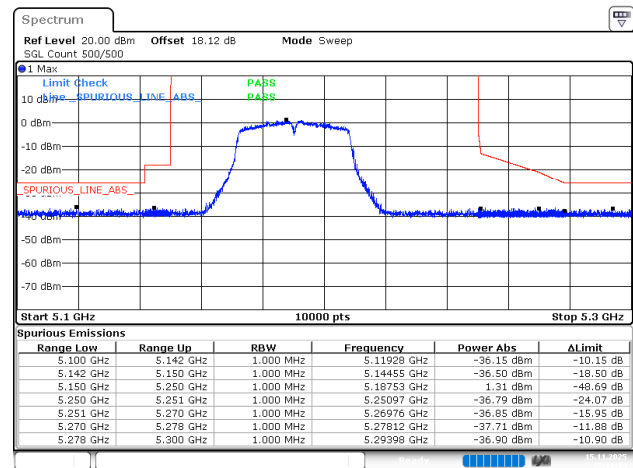
802.11n20, High Channel(5.3GHz~26GHz)



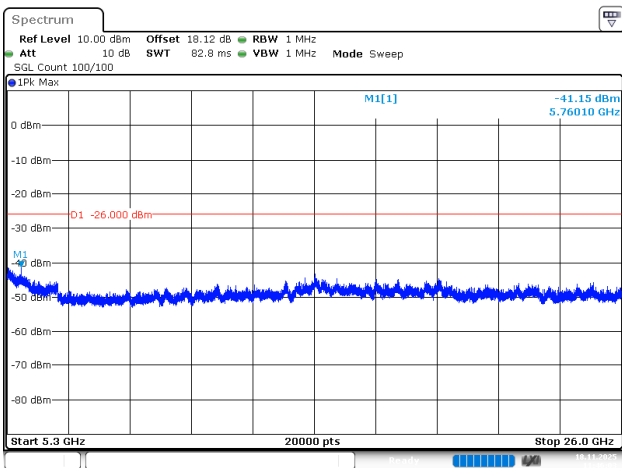
802.11n40, Low Channel(30MHz~5.1GHz)



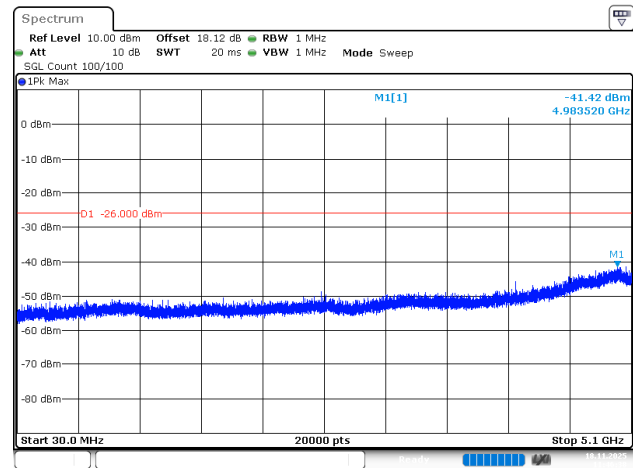
802.11n40, Low Channel(5.1GHz~5.3GHz)



802.11n40, Low Channel(5.3GHz~26GHz)

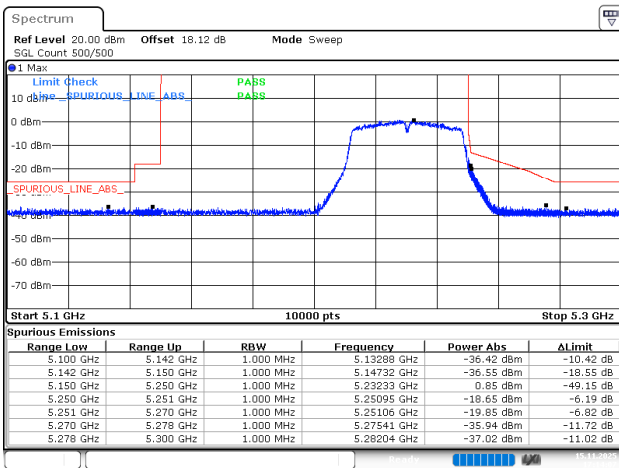


802.11n40, High Channel(30MHz~5.1GHz)



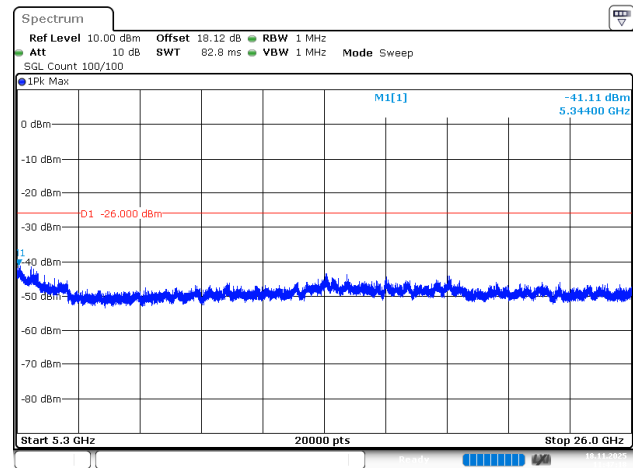
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:46:38

802.11n40, High Channel(5.1GHz~5.3GHz)



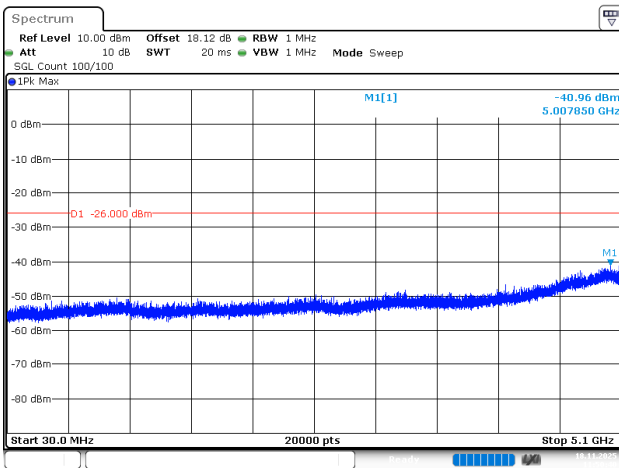
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:14:08

802.11n40, High Channel(5.3GHz~26GHz)



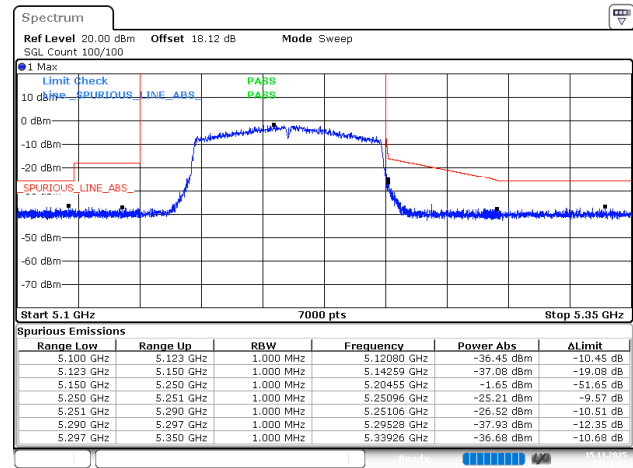
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:47:19

802.11ac80, Middle Channel(30MHz~5.1GHz)



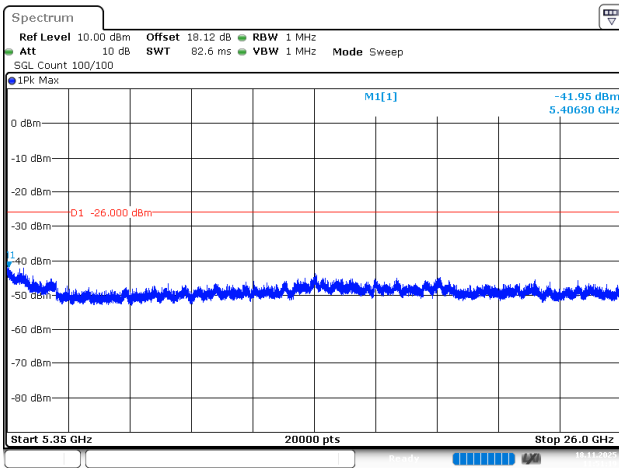
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:50:41

802.11ac80, Middle Channel(5.1GHz~5.3GHz)



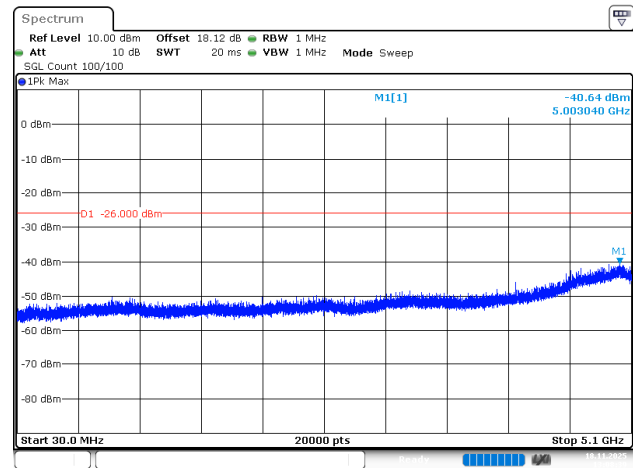
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Date: 15.NOV.2025 17:21:22

802.11ac80, Middle Channel(5.35GHz~26GHz)



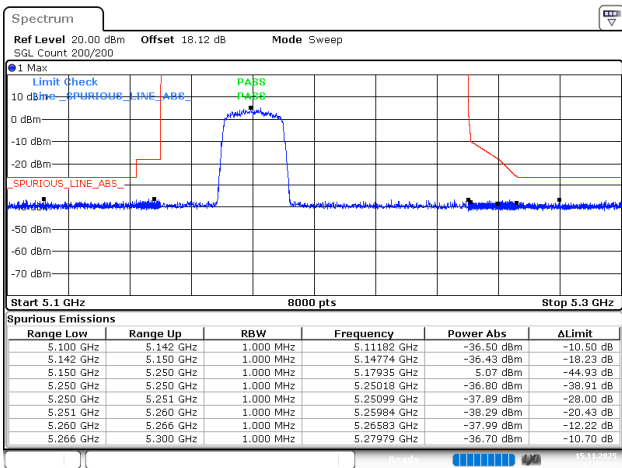
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 11:51:20

802.11ax20, Low Channel(30MHz~5.1GHz)



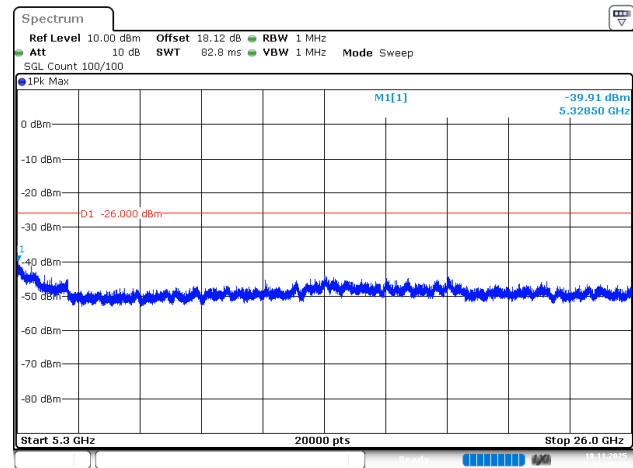
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:08:40

802.11ax20, Low Channel(5.1GHz~5.3GHz)



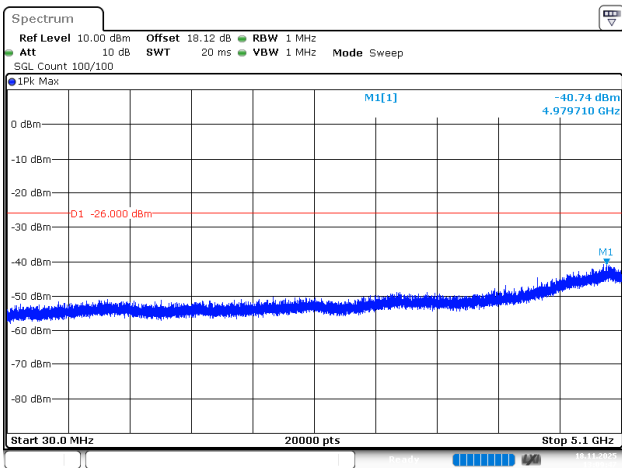
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:15:18

802.11ax20, Low Channel(5.3GHz~26GHz)



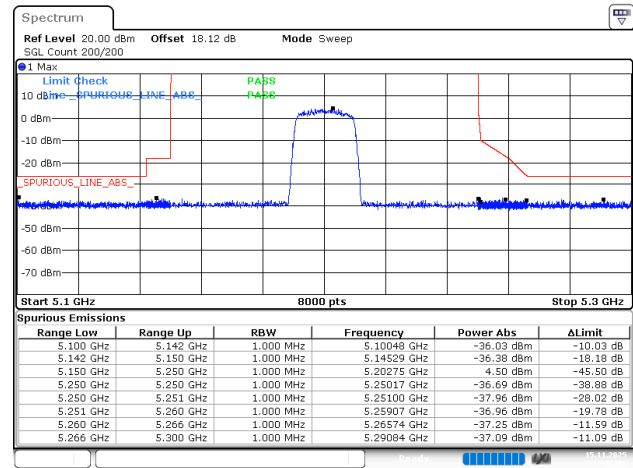
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:09:17

802.11ax20, Middle Channel(30MHz~5.1GHz)



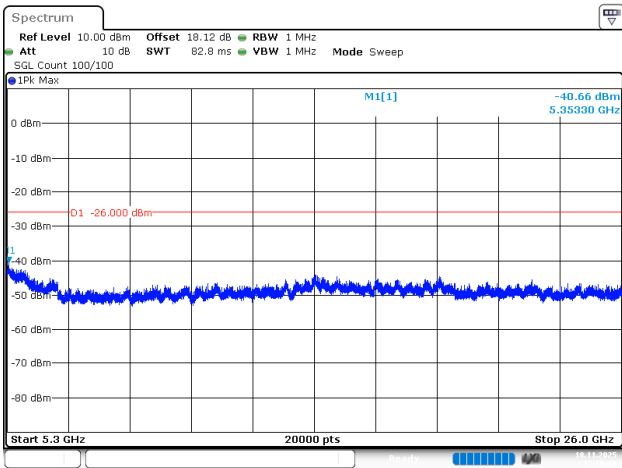
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Date: 18.NOV.2025 13:09:48

802.11ax20, Middle Channel(5.1GHz~5.3GHz)



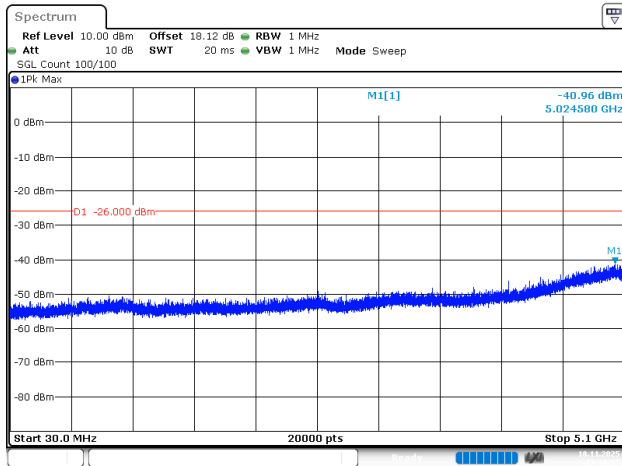
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:16:07

802.11ax20, Middle Channel(5.3GHz~26GHz)



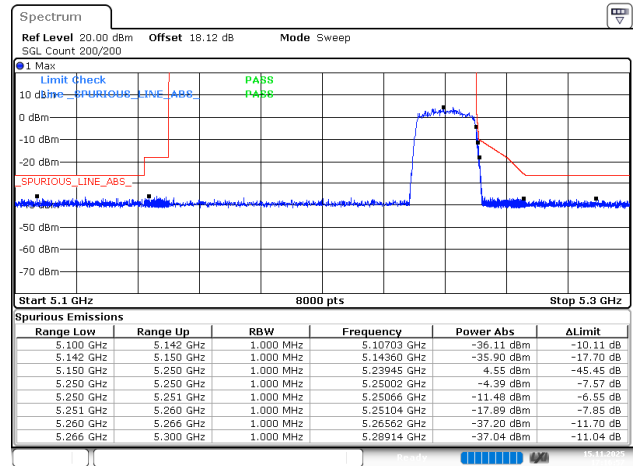
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:10:26

802.11ax20, High Channel(30MHz~5.1GHz)



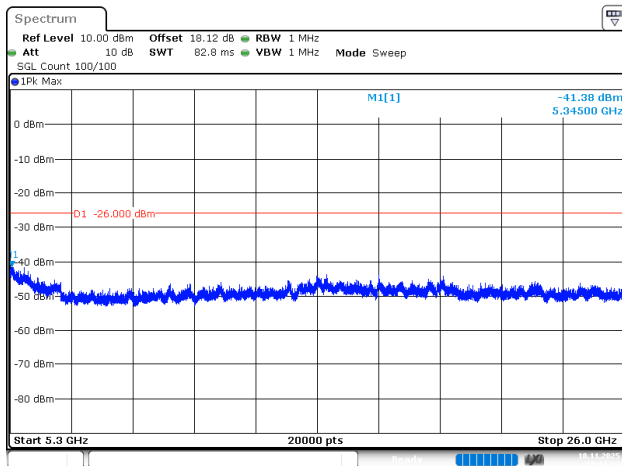
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802.11ax20, High Channel(5.1GHz~5.3GHz)



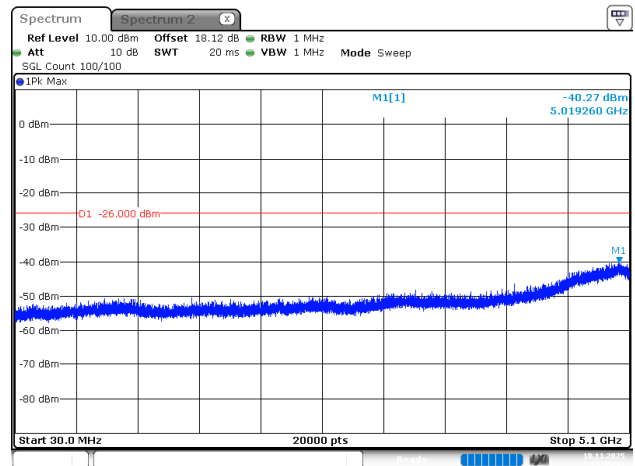
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:16:57

802.11ax20, High Channel(5.3GHz~26GHz)



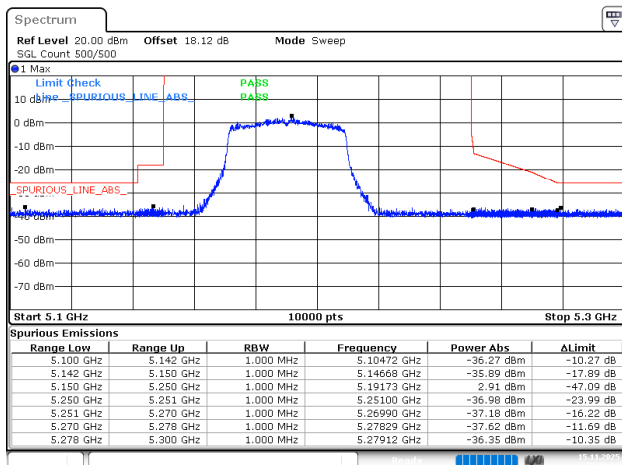
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:11:33

802.11ax40, Low Channel(30MHz~5.1GHz)



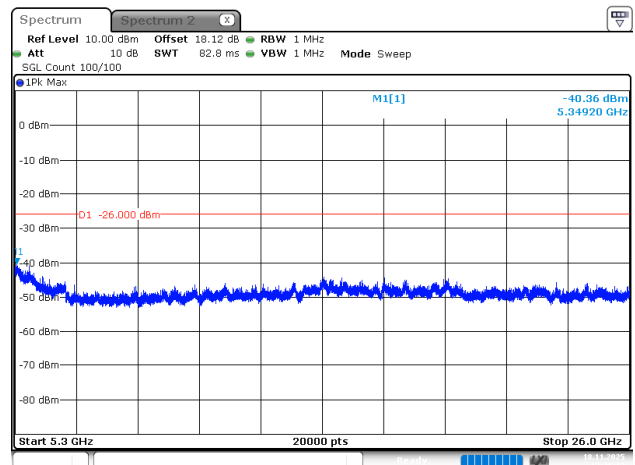
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:35:35

802.11ax40, Low Channel(5.1GHz~5.3GHz)



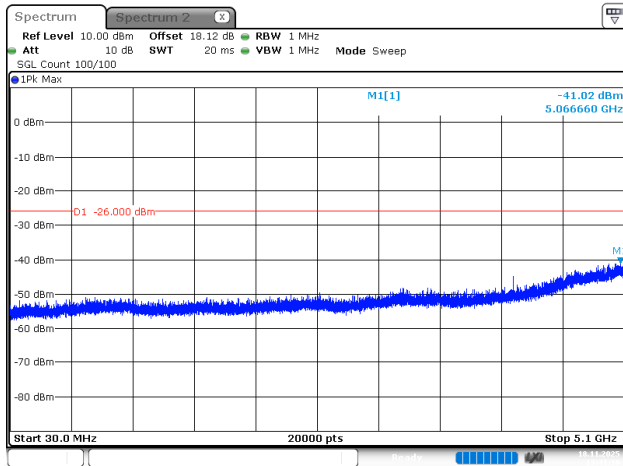
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:18:01

802.11ax40, Low Channel(5.3GHz~26GHz)



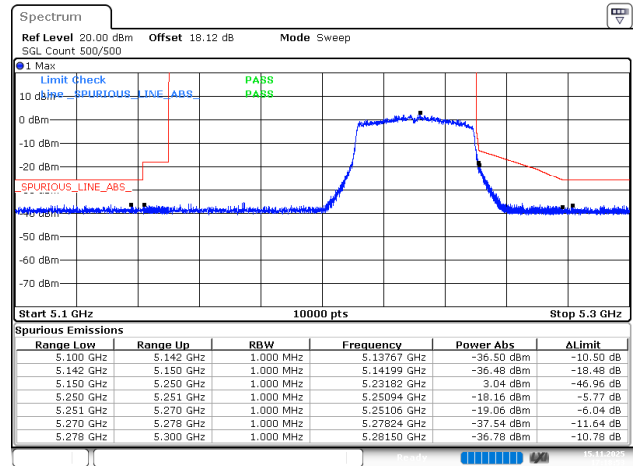
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:36:14

802.11ax40, High Channel(30MHz~5.1GHz)



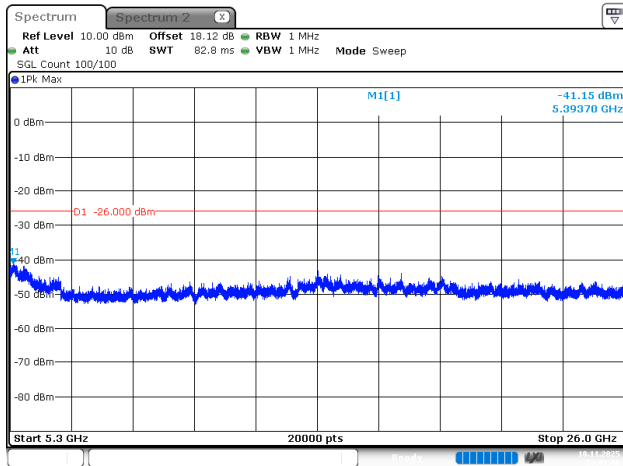
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:41:11

802.11ax40, High Channel(5.1GHz~5.3GHz)



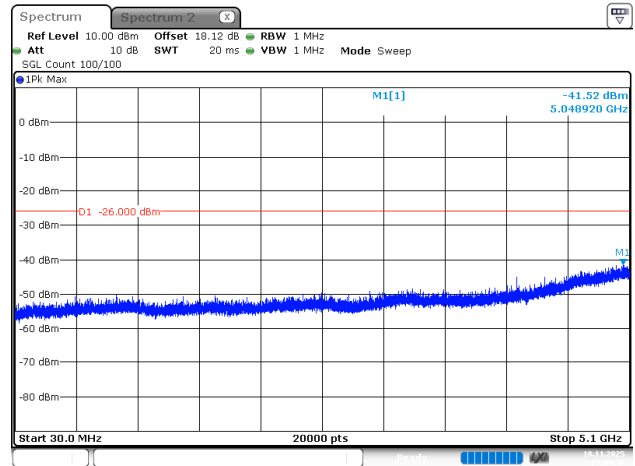
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:18:54

802.11ax40, High Channel(5.3GHz~26GHz)



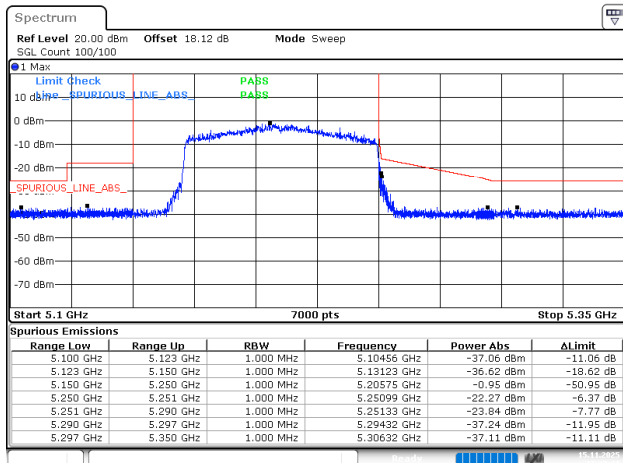
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:41:49

802.11ax80, Middle Channel(30MHz~5.1GHz)



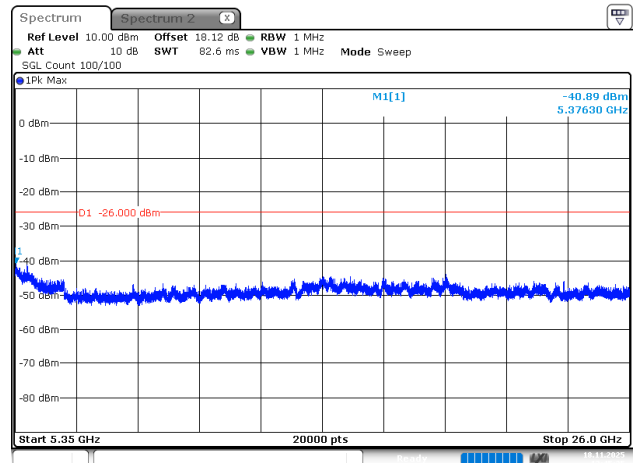
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:44:47

802.11ax80, Middle Channel(5.1GHz~5.3GHz)

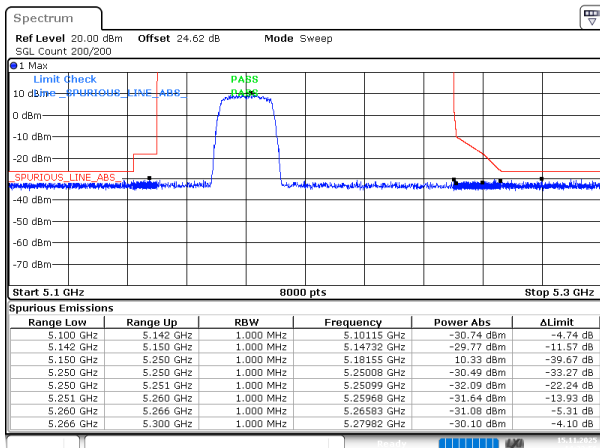


ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 17:20:31

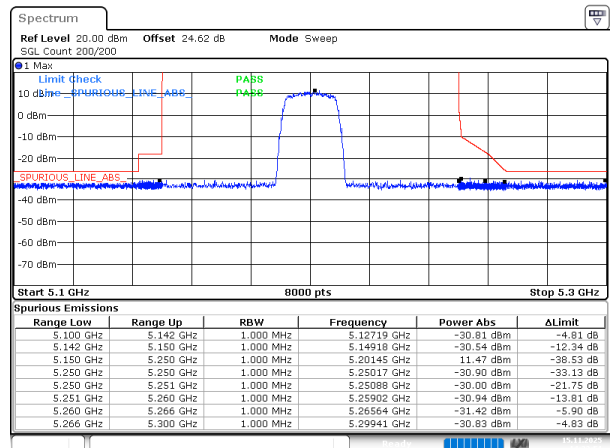
802.11ax80, Middle Channel(5.35GHz~26GHz)



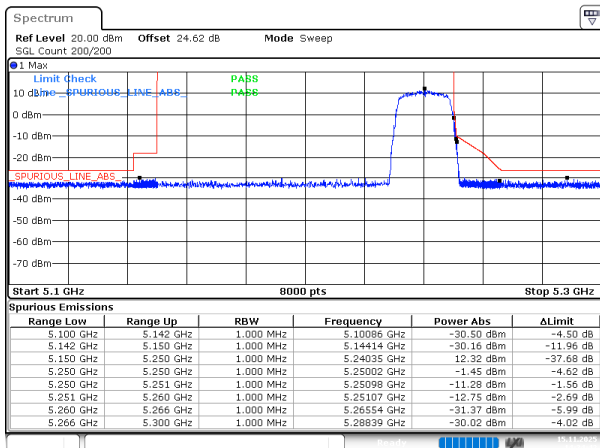
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 13:45:26

W52, Chain 0+Chain 1, Test Condition: NV
802.11n20, Low Channel(5.1GHz~5.3GHz)ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 14:22:56

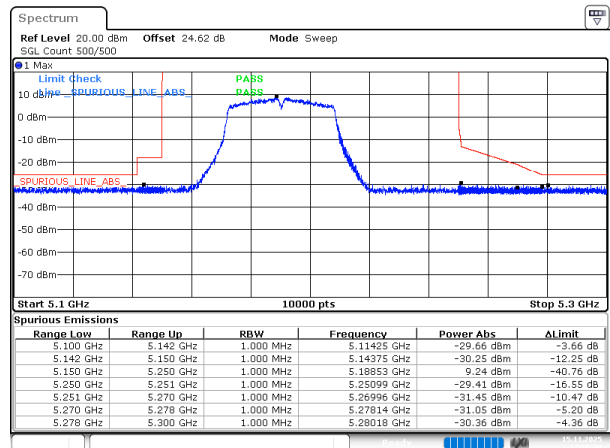
802.11n20, Middle Channel(5.1GHz~5.3GHz)

ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 14:23:51

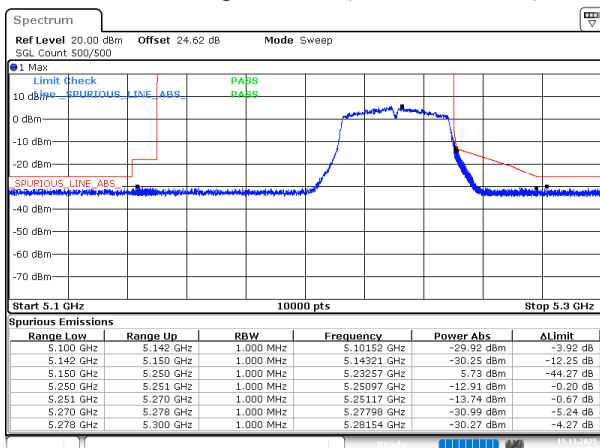
802.11n20, High Channel(5.1GHz~5.3GHz)

ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 14:24:42

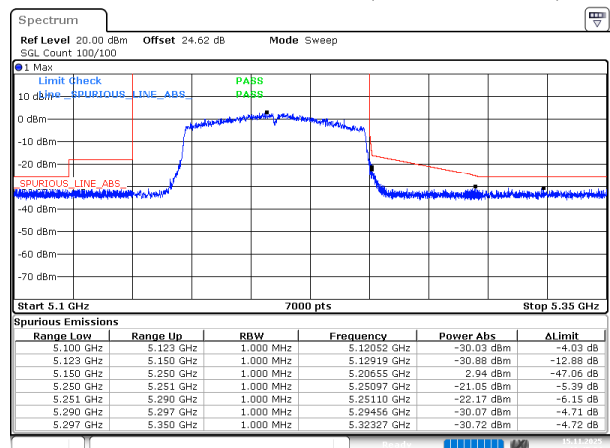
802.11n40, Low Channel(5.1GHz~5.3GHz)

ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 14:26:41

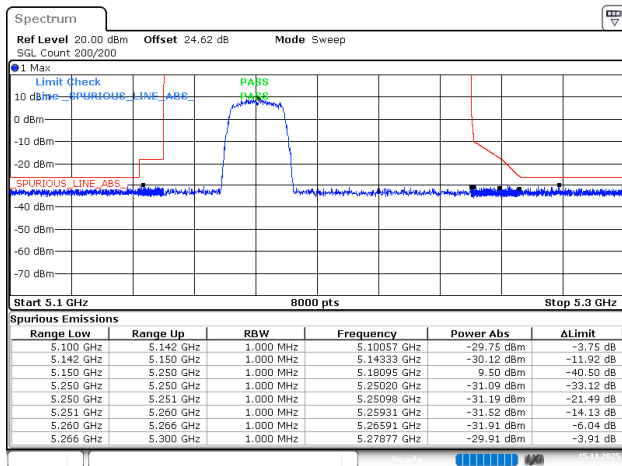
802.11n40, High Channel(5.1GHz~5.3GHz)

ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 14:32:03

802.11ac80, Middle Channel(5.1GHz~5.3GHz)

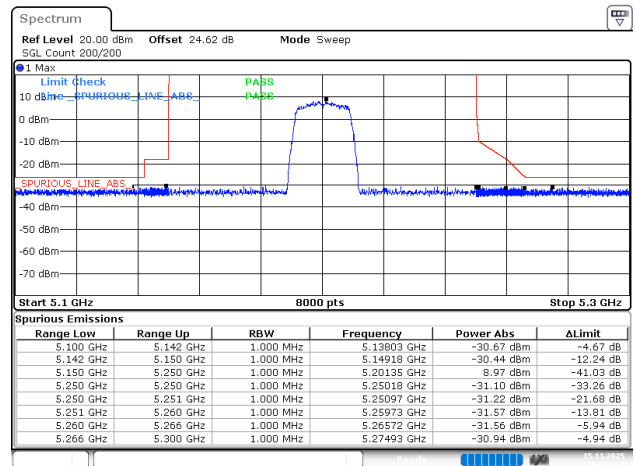
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 16:45:35

802.11ax20, Low Channel(5.1GHz~5.3GHz)



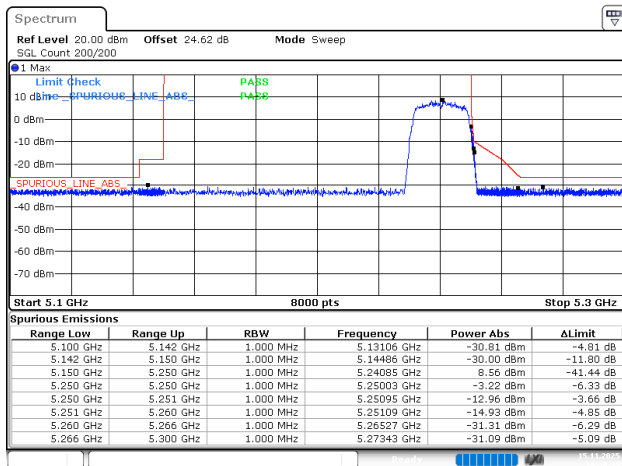
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Date: 15.NOV.2025 14:35:45

802.11ax20, Middle Channel(5.1GHz~5.3GHz)



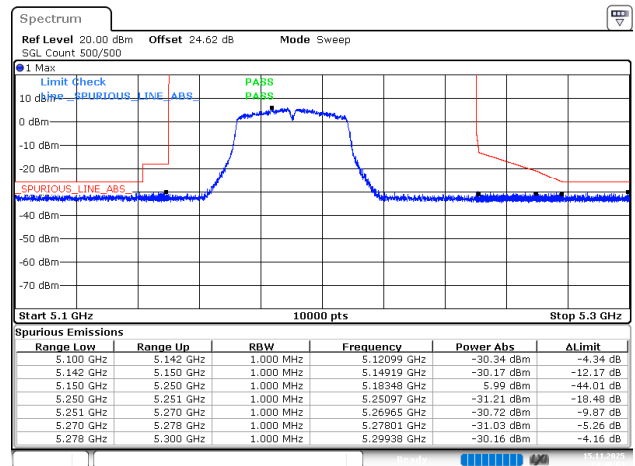
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Date: 15.NOV.2025 14:37:37

802.11ax20, High Channel(5.1GHz~5.3GHz)



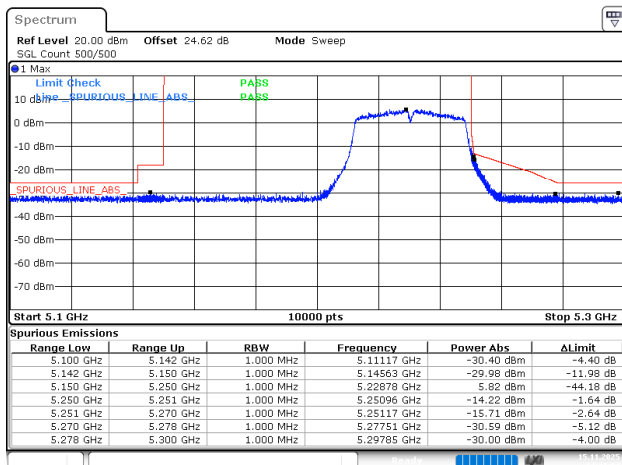
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Date: 15.NOV.2025 14:38:34

802.11ax40, Low Channel(5.1GHz~5.3GHz)



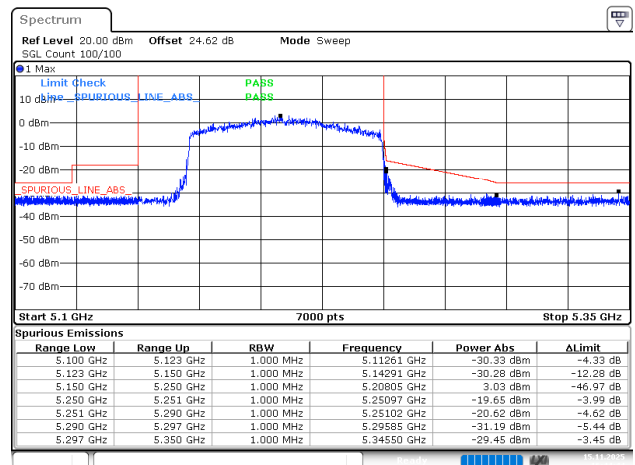
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 14:40:03

802.11ax40, High Channel(5.1GHz~5.3GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 14:41:04

802.11ax80, Middle Channel(5.1GHz~5.3GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 15.NOV.2025 16:44:45

Output Power and Output Power Tolerance**Test Information:**

Serial No.:	3B7Q-1	Test Date:	2025/11/15~2025/11/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.8~26.8	Relative Humidity: (%)	47~49	ATM Pressure: (kPa)	101.2~101.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05	BACL(DG)	D
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2025/06/11	2026/06/10	BACL Metrology	C
R&S	Spectrum Analyzer	FSP 38	100478	2025/07/28	2026/07/27	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV**W52**

Antenna	Mode	Antenna gain (dBi)	Declared power (mW/MHz)
Chain 0	802.11a	5.12	2
Chain 1	802.11a	5.12	2
Chain 0+Chain 1	802.11n20	5.12	0.5
	802.11n40	5.12	0.1
	802.11ac80	5.12	0.05
	802.11ax20	5.12	0.15
	802.11ax40	5.12	0.10
	802.11ax80	5.12	0.05

Antenna	Mode	Channel	Antenna output power (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
				Result	Limit	Result	Limit	Result	Limit	
Chain 0	802.11a	Low	2.28	1.690	≤ 10	-15.500	-80~+20	5.50	10	Pass
		Middle	1.76	1.500	≤ 10	-25.000	-80~+20	4.88	10	Pass
		High	1.85	1.531	≤ 10	-23.450	-80~+20	4.98	10	Pass
Chain 1	802.11a	Low	1.88	1.542	≤ 10	-22.900	-80~+20	5.01	10	Pass
		Middle	1.18	1.312	≤ 10	-34.400	-80~+20	4.27	10	Pass
		High	0.65	1.161	≤ 10	-41.950	-80~+20	3.78	10	Pass

Antenna	Mode	Channel	Antenna output power(dBm/MHz)			Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
			Chain 0	Chain 1	Total	Result	Limit	Result	Limit	Result	Limit	
Chain 0+Chain 1	802.11n20	Low	-7.55	-8.57	-5.02	0.315	≤ 10	-37.00	-80~+20	1.02	10	Pass
		Middle	-9.16	-8.50	-5.81	0.262	≤ 10	-47.60	-80~+20	0.85	10	Pass
		High	-8.61	-9.45	-6.00	0.251	≤ 10	-49.80	-80~+20	0.82	10	Pass
	802.11n40	Low	-14.48	-14.72	-11.59	0.069	≤ 5	-31.00	-80~+20	0.23	5	Pass
		High	-14.96	-15.09	-12.01	0.063	≤ 5	-37.00	-80~+20	0.20	5	Pass
	802.11ac80	Middle	-18.42	-18.56	-15.48	0.028	≤ 2.5	-44.00	-80~+20	0.09	2.5	Pass
	802.11ax20	Low	-11.27	-12.51	-8.84	0.131	≤ 10	-12.67	-80~+20	0.42	10	Pass
		Middle	-12.34	-12.15	-9.23	0.119	≤ 10	-20.67	-80~+20	0.39	10	Pass

Antenna	Mode	Channel	Antenna output power(dBm/MHz)			Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
			Chain 0	Chain 1	Total	Result	Limit	Result	Limit	Result	Limit	
Chain 0+Chain 1	802.11ax20	High	-12.50	-13.19	-9.82	0.104	≤ 10	-30.67	-80~+20	0.34	10	Pass
	802.11ax40	Low	-14.97	-15.22	-12.08	0.062	≤ 5	-38.00	-80~+20	0.20	5	Pass
		High	-15.57	-15.63	-12.59	0.055	≤ 5	-45.00	-80~+20	0.18	5	Pass
	802.11ax80	Middle	-18.82	-19.75	-16.25	0.024	≤ 2.5	-52.00	-80~+20	0.08	2.5	Pass

Note:

Chain 0/Chain 1

Antenna output power(mW/MHz) = $10^{\text{[Antenna output power(dBm/MHz) / 10]}}$

Antenna output power tolerance(%) = (Antenna output power - Declared power) / Declared power * 100

EIRP(mW/MHz) = $10^{\{[\text{Antenna output power(dBm/MHz)} + \text{Antenna gain}] / 10\}}$.

Chain 0+Chain 1

Antenna output power(dBm/MHz) Total = $10 * \log\{10^{\text{[Antenna output power(dBm/MHz)chain0 / 10]} + 10^{\text{[Antenna output power(dBm/MHz)chain1 / 10]}}\}$

Antenna output power(mW/MHz) = $10^{\text{[Antenna output power(dBm/MHz) Total / 10]}}$

Antenna output power tolerance(%) = (Antenna output power - Declared power) / Declared power * 100

EIRP(mW/MHz) = $10^{\{[\text{Antenna output power(dBm/MHz) Total} + \text{Antenna gain}] / 10\}}$.

Adjacent Channel Power**Test Information:**

Serial No.:	3B7Q-1	Test Date:	2025/11/19
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.8	Relative Humidity: (%)	37	ATM Pressure: (kPa)	101.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05	BACL(DG)	D
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK- Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A
Gongee	Coaxial Power Splitters & Combiner	PD-0/6- 2S	RF20230800110	2025/1/15	2026/1/14	BACL(DG)	D

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV**5.2G, Chain 0**

Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11a	-20	48.18	48.85	47.56	≥ 25	Pass
	+20	48.48	48.38	47.92	≥ 25	Pass
	-40	55.47	55.60	55.80	≥ 40	Pass
	+40	55.73	55.77	55.92	≥ 40	Pass
802.11n20	-20	45.90	46.77	47.12	≥ 25	Pass
	+20	45.63	46.42	46.98	≥ 25	Pass
	-40	46.79	47.61	48.17	≥ 40	Pass
	+40	46.88	47.70	48.14	≥ 40	Pass
802.11n40	-40	34.59	/	34.60	≥ 25	Pass
	+40	34.79	/	34.23	≥ 25	Pass
	-80	41.56	/	41.46	≥ 40	Pass
	+80	42.02	/	41.87	≥ 40	Pass
802.11ac80	-80	/	36.44	/	≥ 25	Pass
	+80	/	36.18	/	≥ 25	Pass
802.11ax20	-20	35.62	36.26	35.33	≥ 25	Pass
	+20	31.83	33.37	32.71	≥ 25	Pass
	-40	44.45	45.08	44.44	≥ 40	Pass
	+40	44.60	45.28	44.71	≥ 40	Pass
802.11ax40	-40	34.54	/	35.68	≥ 25	Pass
	+40	34.54	/	34.51	≥ 25	Pass
	-80	41.56	/	41.83	≥ 40	Pass
	+80	41.72	/	42.12	≥ 40	Pass
802.11ax80	-80	/	35.78	/	≥ 25	Pass
	+80	/	35.75	/	≥ 25	Pass

5.2G, Chain 1

Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11a	-20	48.91	48.85	48.22	≥ 25	Pass
	+20	48.35	48.66	47.75	≥ 25	Pass
	-40	55.58	55.36	55.24	≥ 40	Pass
	+40	55.70	55.62	55.58	≥ 40	Pass
802.11n20	-20	45.96	46.16	46.40	≥ 25	Pass
	+20	46.04	46.38	46.27	≥ 25	Pass
	-40	46.59	47.09	47.44	≥ 40	Pass
	+40	47.07	47.27	47.73	≥ 40	Pass
802.11n40	-40	35.05	/	34.24	≥ 25	Pass
	+40	34.74	/	34.10	≥ 25	Pass
	-80	40.84	/	40.67	≥ 40	Pass
	+80	41.28	/	41.04	≥ 40	Pass
802.11ac80	-80	/	35.68	/	≥ 25	Pass
	+80	/	35.53	/	≥ 25	Pass
802.11ax20	-20	35.63	35.75	35.97	≥ 25	Pass
	+20	35.26	35.04	35.17	≥ 25	Pass
	-40	43.20	43.87	43.77	≥ 40	Pass
	+40	43.28	44.04	43.84	≥ 40	Pass
802.11ax40	-40	35.12	/	34.62	≥ 25	Pass
	+40	34.80	/	34.89	≥ 25	Pass
	-80	40.53	/	40.70	≥ 40	Pass
	+80	40.94	/	41.18	≥ 40	Pass
802.11ax80	-80	/	35.44	/	≥ 25	Pass
	+80	/	35.04	/	≥ 25	Pass

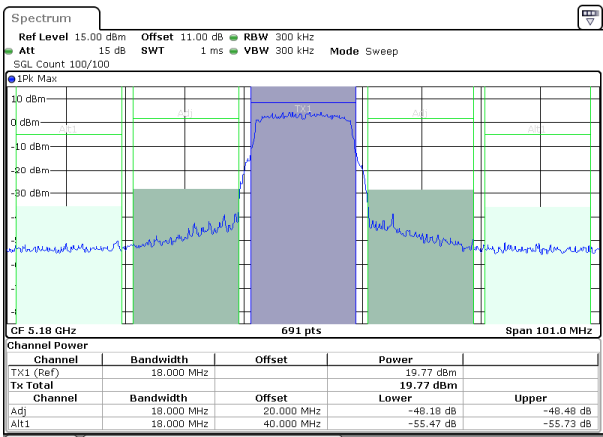
5.2G, Chain 0+Chain 1

Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11n20	-20	36.33	37.24	36.20	≥ 25	Pass
	+20	35.86	35.75	35.04	≥ 25	Pass
	-40	44.95	44.86	44.66	≥ 40	Pass
	+40	45.23	45.21	44.59	≥ 40	Pass

Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11n40	-40	34.50	/	34.08	≥ 25	Pass
	+40	35.37	/	34.82	≥ 25	Pass
	-80	40.47	/	41.66	≥ 40	Pass
	+80	41.36	/	41.46	≥ 40	Pass
802.11ac80	-80	/	35.29	/	≥ 25	Pass
	+80	/	36.40	/	≥ 25	Pass
802.11ax20	-20	34.44	35.24	35.71	≥ 25	Pass
	+20	33.42	34.76	34.16	≥ 25	Pass
	-40	45.14	45.91	45.91	≥ 40	Pass
	+40	45.84	46.47	45.69	≥ 40	Pass
802.11ax40	-40	33.85	/	34.12	≥ 25	Pass
	+40	36.08	/	35.47	≥ 25	Pass
	-80	42.06	/	42.55	≥ 40	Pass
	+80	43.13	/	42.22	≥ 40	Pass
802.11ax80	-80	/	35.99	/	≥ 25	Pass
	+80	/	37.37	/	≥ 25	Pass

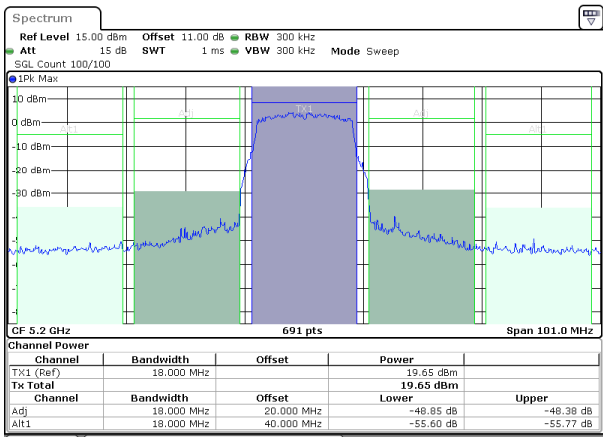
W52, Chain 0, Test Condition: NV

802.11a, Low Channel



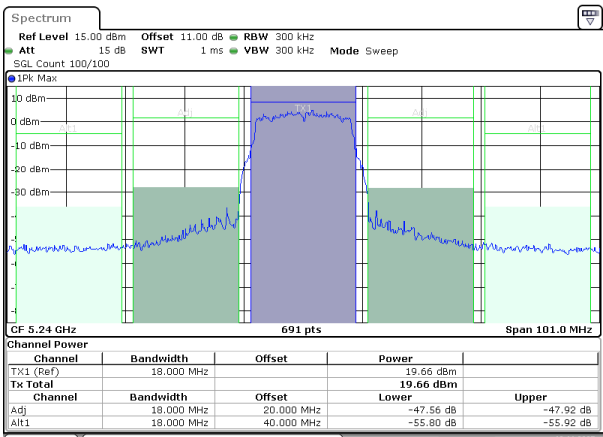
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 17:31:09

802.11a, Middle Channel



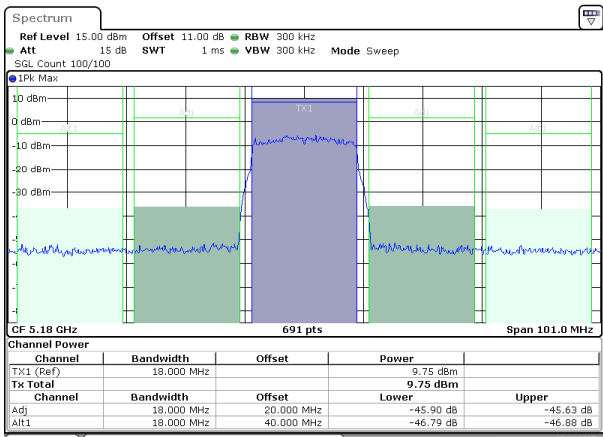
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802.11a, High Channel



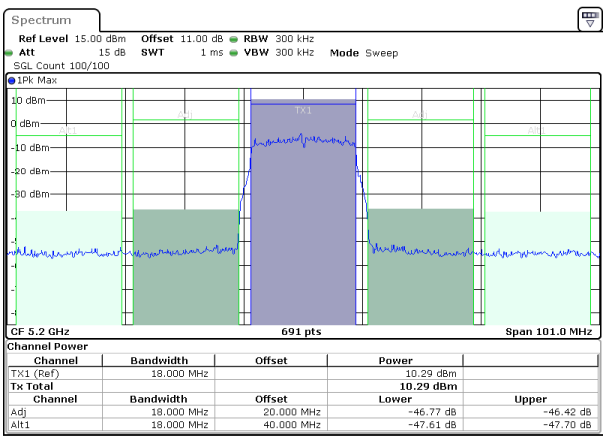
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802.11n20, Low Channel



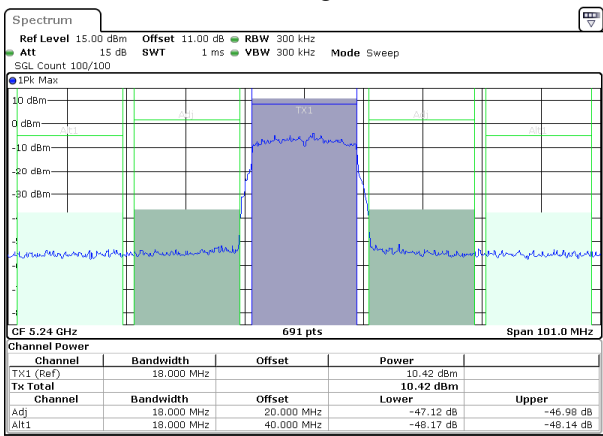
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802.11n20, Middle Channel



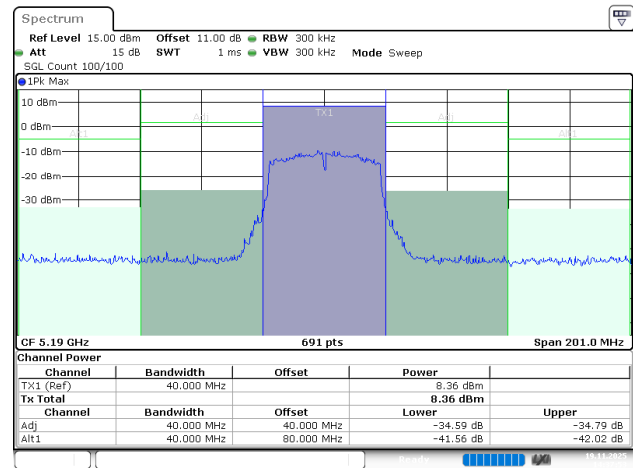
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802.11n20, High Channel



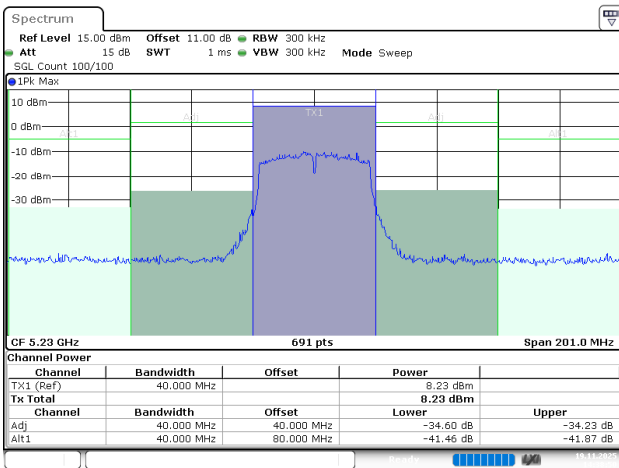
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802.11n40, Low Channel



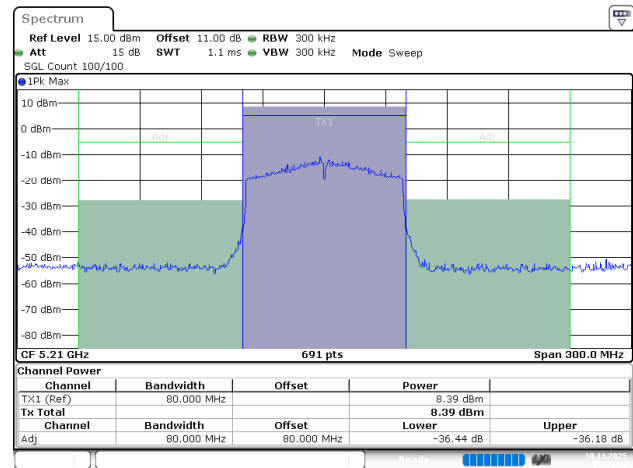
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Date: 19.NOV.2025 14:37:53

802.11n40, High Channel



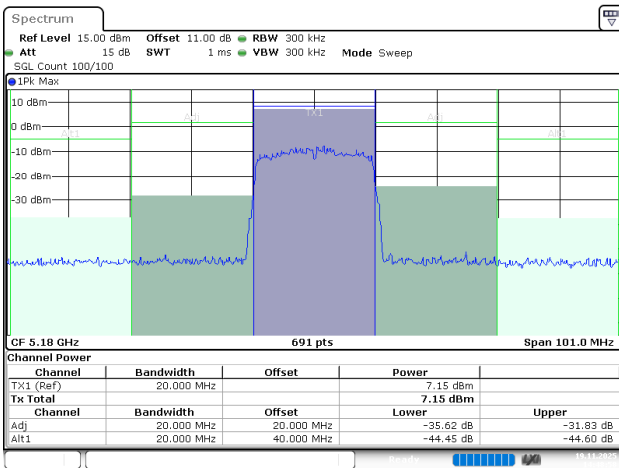
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Date: 19.NOV.2025 14:38:51

802.11ac80, Middle Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:04:06

802.11ax20, Low Channel



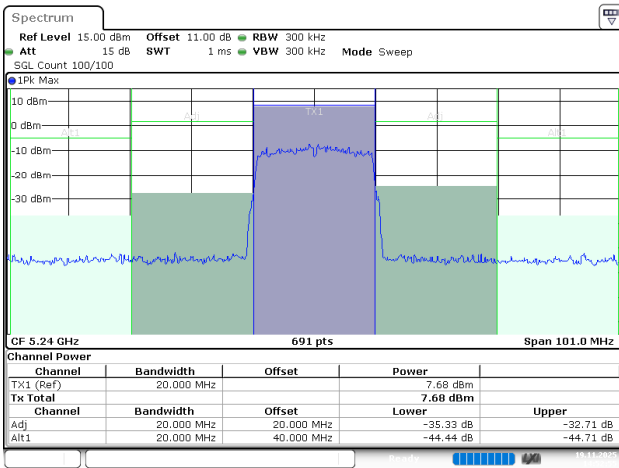
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802.11ax20, Middle Channel



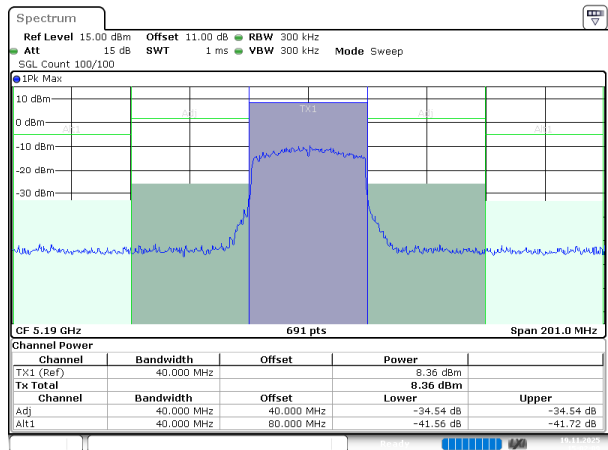
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802.11ax20, High Channel



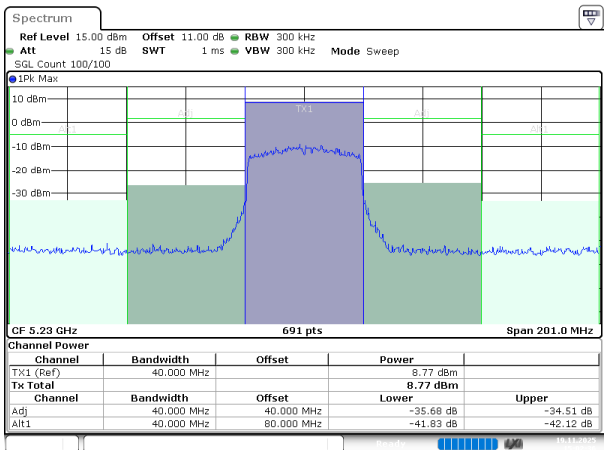
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Date: 19.NOV.2025 14:52:55

802.11ax40, Low Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:02:10

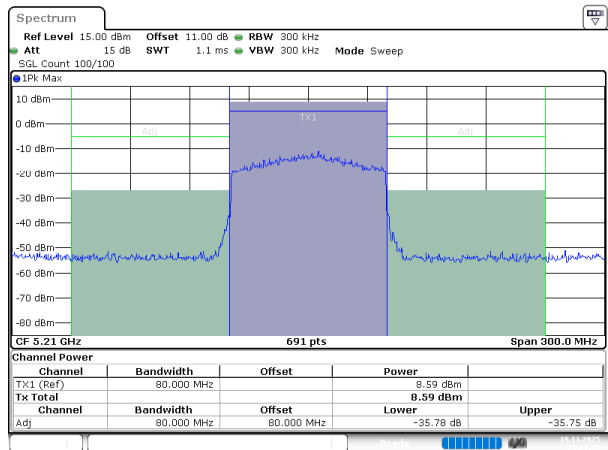
802.11ax40, High Channel



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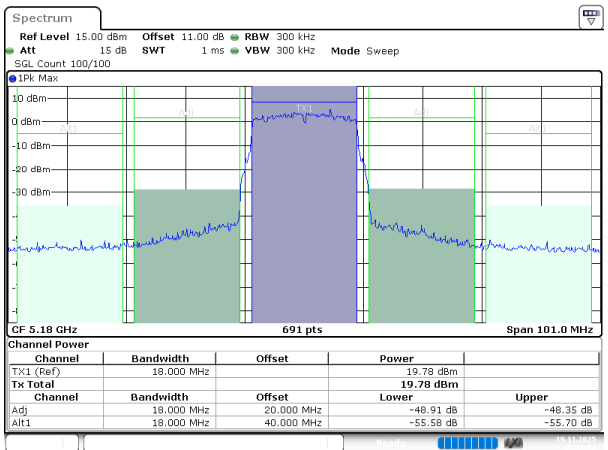
W52, Chain 1, Test Condition: NV

802.11ax80, Middle Channel



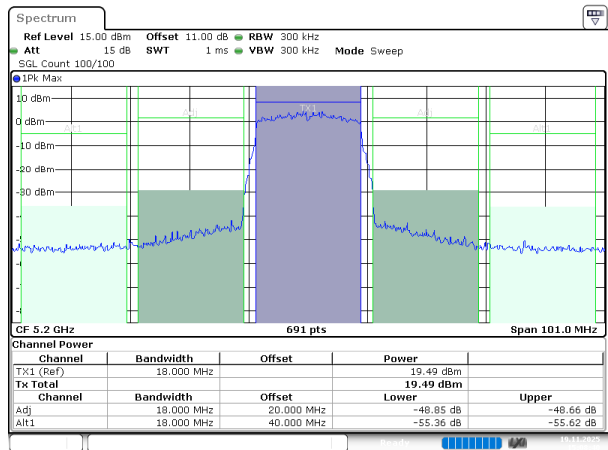
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Date: 19.NOV.2025 15:03:28

802.11a, Low Channel



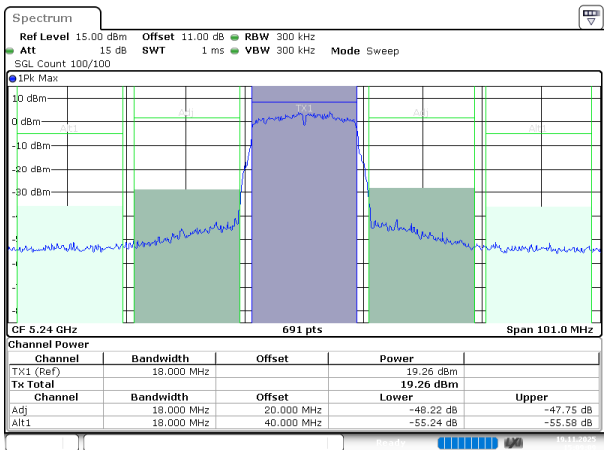
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Date: 19.NOV.2025 15:08:06

802.11a, Middle Channel



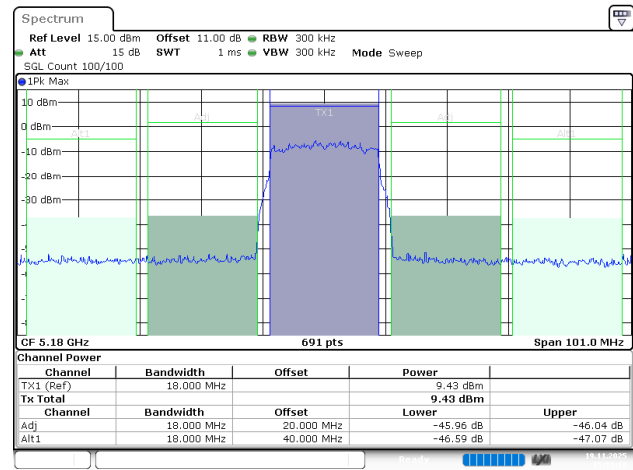
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802.11a, High Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:09:09

802.11n20, Low Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:11:13

802.11n20, Middle Channel



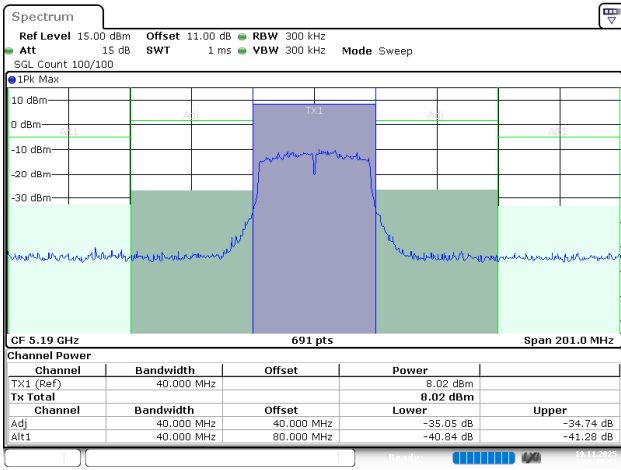
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802.11n20, High Channel



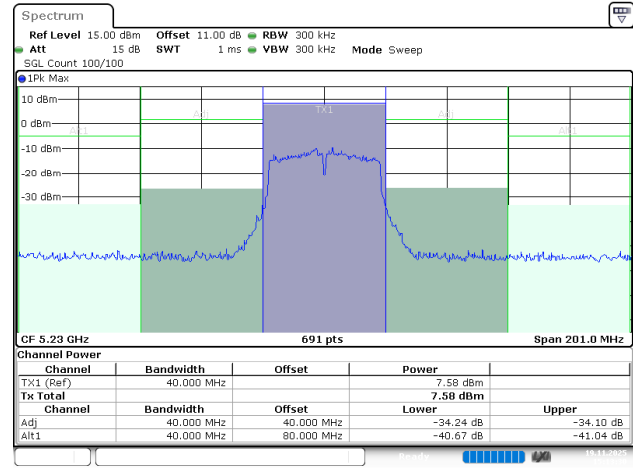
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:12:11

802.11n40, Low Channel



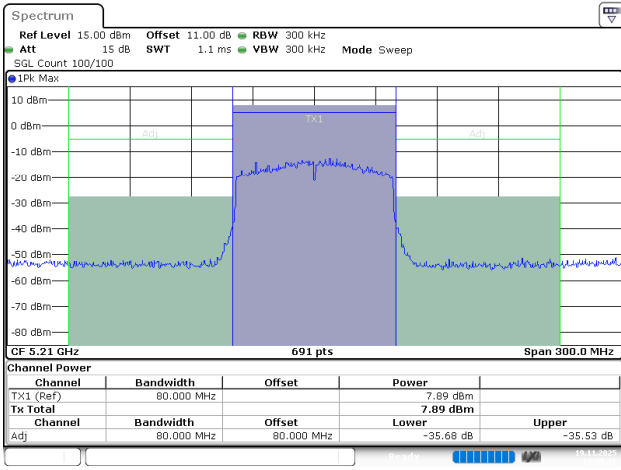
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:12:51

802.11n40, High Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:13:30

802.11ac80, Middle Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:33:16

802.11ax20, Low Channel



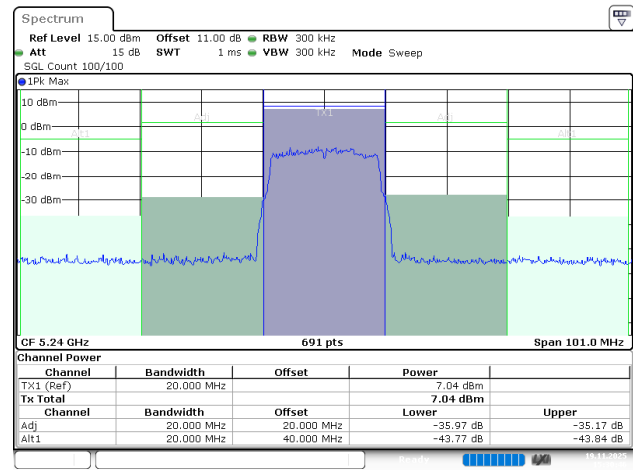
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802.11ax20, Middle Channel



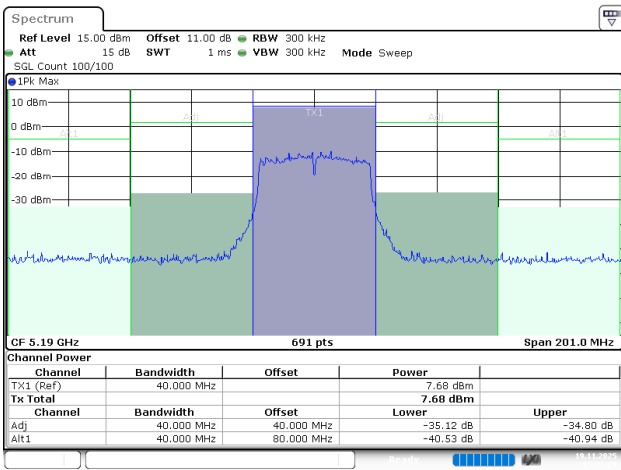
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802.11ax20, High Channel



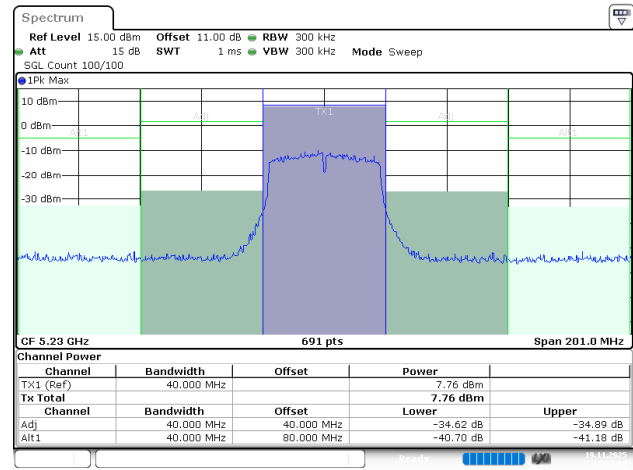
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Date: 19.NOV.2025 15:30:47

802.11ax40, Low Channel



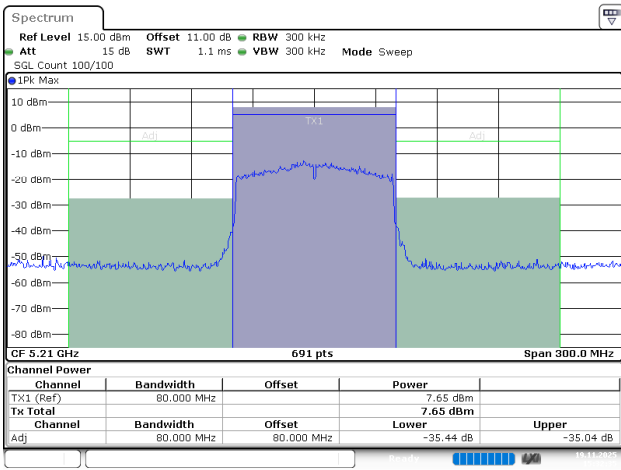
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Date: 19.NOV.2025 15:31:30

802.11ax40, High Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:32:00

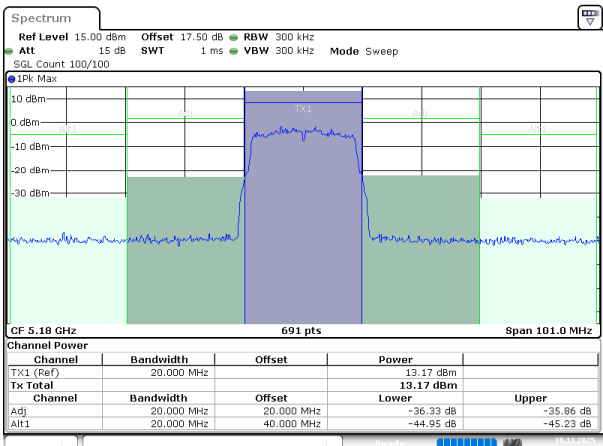
802.11ax80, Middle Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 15:32:35

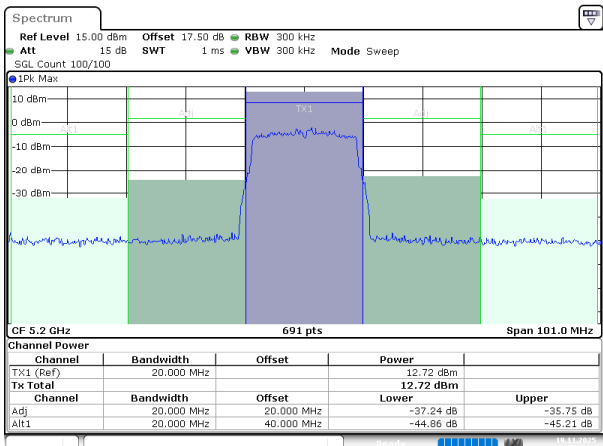
W52, Chain 0+Chain 1, Test Condition: NV

802.11n20, Low Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 18:00:49

802.11n20, Middle Channel



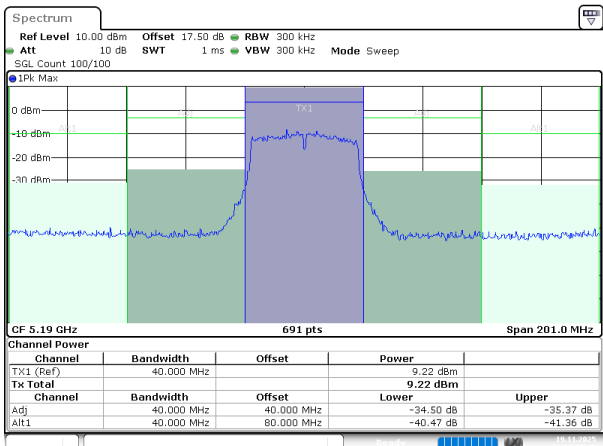
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Date: 19.NOV.2025 18:01:26

802.11n20, High Channel



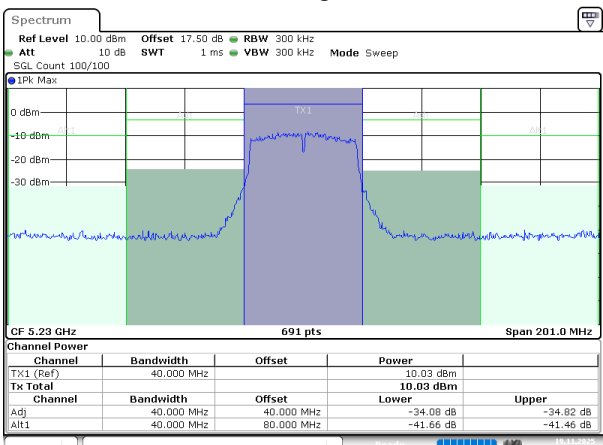
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Date: 19.NOV.2025 18:01:58

802.11n40, Low Channel



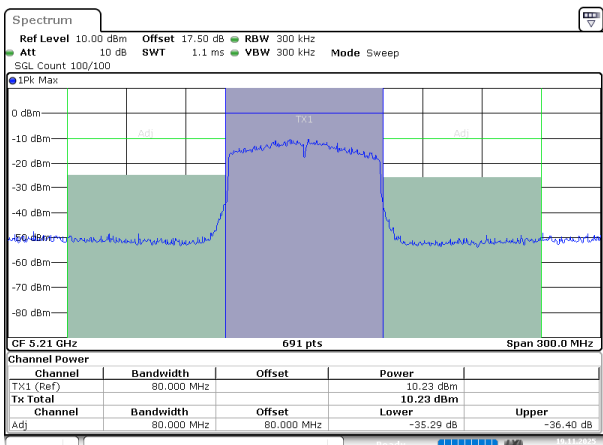
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802.11n40, High Channel



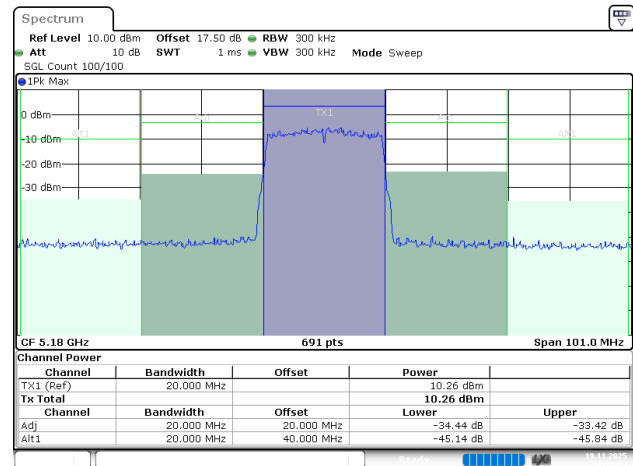
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Date: 19.NOV.2025 18:06:23

802.11ac80, Middle Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 18:07:21

802.11ax20, Low Channel



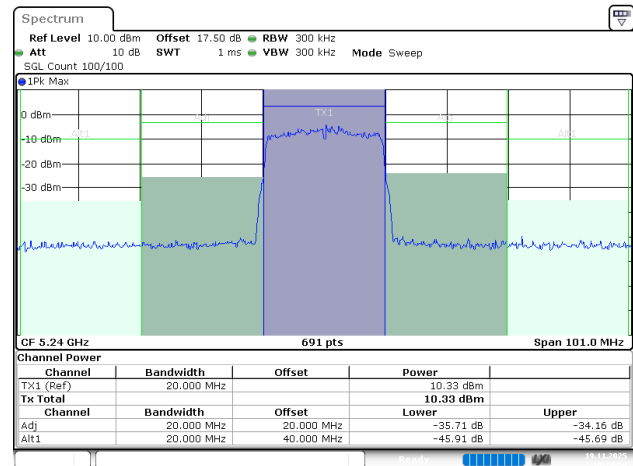
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802.11ax20, Middle Channel



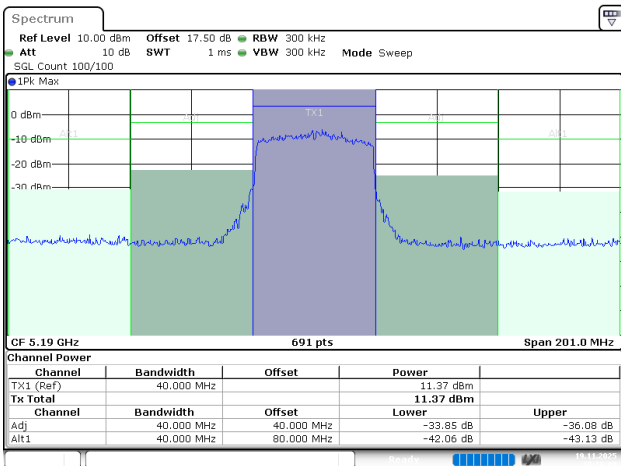
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Date: 19.NOV.2025 18:14:28

802.11ax20, High Channel



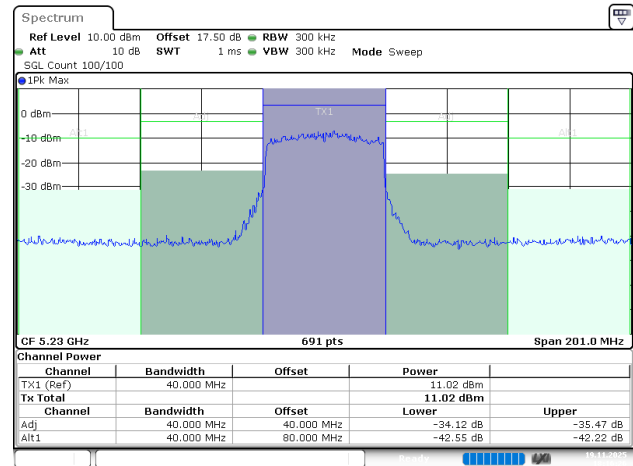
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Date: 19.NOV.2025 18:14:58

802.11ax40, Low Channel



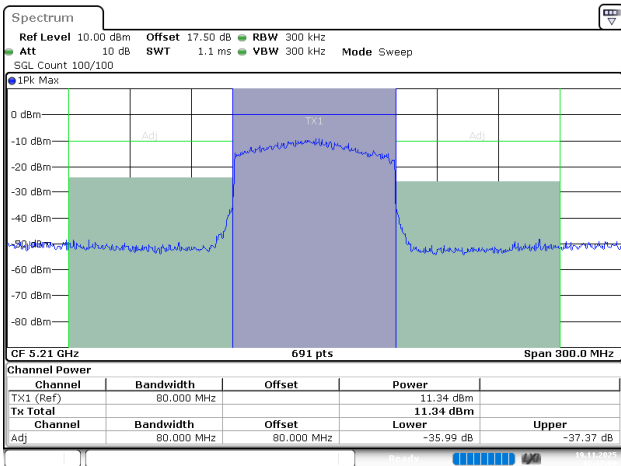
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Date: 19.NOV.2025 18:16:00

802.11ax40, High Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 18:16:26

802.11ax80, Middle Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 19.NOV.2025 18:17:00

Secondary Radiated Emission Strength**Test Information:**

Serial No.:	3B7Q-1	Test Date:	2025/11/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.8	Relative Humidity: (%)	47	ATM Pressure: (kPa)	101.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/06/06	2026/06/05	BACL(DG)	D
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV**5.2G, Chain 0**

Mode	Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)		Result (dBm)	Result (nW)		
802.11a	Low	30	1000	997.3325	-74.69	0.034	4	Pass
		1000	26000	15693.75	-58.30	1.479	20	Pass
	Middle	30	1000	775.2025	-74.61	0.035	4	Pass
		1000	26000	15768.75	-58.67	1.358	20	Pass
	High	30	1000	861.0475	-74.81	0.033	4	Pass
		1000	26000	15643.75	-58.53	1.403	20	Pass
802.11n20	Low	30	1000	853.7725	-74.55	0.035	4	Pass
		1000	26000	15781.25	-58.08	1.556	20	Pass
	Middle	30	1000	893.5425	-75.00	0.032	4	Pass
		1000	26000	15706.25	-58.26	1.493	20	Pass
	High	30	1000	872.2025	-74.92	0.032	4	Pass
		1000	26000	18431.25	-58.75	1.334	20	Pass
802.11n40	Low	30	1000	973.0825	-74.44	0.036	4	Pass
		1000	26000	15656.25	-57.50	1.778	20	Pass
	High	30	1000	961.4425	-74.51	0.035	4	Pass
		1000	26000	17693.75	-57.45	1.799	20	Pass
802.11ac80	Middle	30	1000	730.0975	-75.20	0.030	4	Pass
		1000	26000	15706.25	-58.11	1.545	20	Pass
802.11ax20	Low	30	1000	889.1775	-74.88	0.033	4	Pass
		1000	26000	19868.75	-58.75	1.334	20	Pass
	Middle	30	1000	971.1425	-75.02	0.031	4	Pass
		1000	26000	15706.25	-58.00	1.585	20	Pass
	High	30	1000	916.3375	-75.19	0.030	4	Pass
		1000	26000	15668.75	-58.76	1.330	20	Pass
802.11ax40	Low	30	1000	880.4475	-75.24	0.030	4	Pass
		1000	26000	19881.25	-58.59	1.384	20	Pass
	High	30	1000	928.9475	-75.18	0.030	4	Pass
		1000	26000	15681.25	-58.33	1.469	20	Pass
802.11ax80	Middle	30	1000	353.7375	-74.77	0.033	4	Pass
		1000	26000	15906.25	-58.82	1.312	20	Pass

5.2G, Chain 1

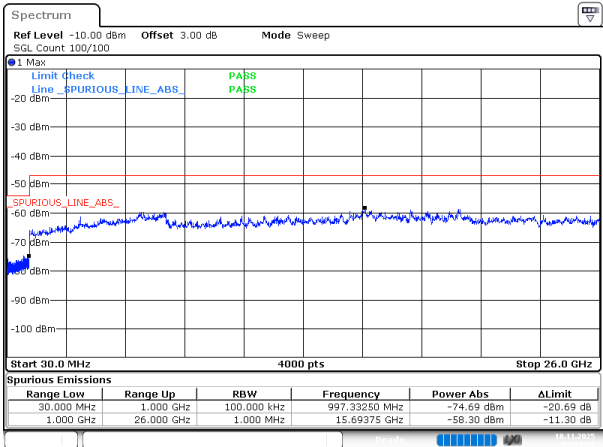
Mode	Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)		Result (dBm)	Result (nW)		
802.11a	Low	30	1000	929.4325	-74.89	0.032	4	Pass
		1000	26000	15768.75	-58.39	1.449	20	Pass
	Middle	30	1000	168.4675	-75.15	0.031	4	Pass
		1000	26000	15693.75	-57.90	1.622	20	Pass
	High	30	1000	877.0525	-74.21	0.038	4	Pass
		1000	26000	15693.75	-58.57	1.390	20	Pass
802.11n20	Low	30	1000	841.6475	-75.00	0.032	4	Pass
		1000	26000	15968.75	-59.13	1.222	20	Pass
	Middle	30	1000	834.8575	-74.04	0.039	4	Pass
		1000	26000	15643.75	-58.76	1.330	20	Pass
	High	30	1000	859.5925	-75.16	0.030	4	Pass
		1000	26000	16393.75	-58.88	1.294	20	Pass
802.11n40	Low	30	1000	797.0275	-74.54	0.035	4	Pass
		1000	26000	15693.75	-58.10	1.549	20	Pass
	High	30	1000	814.4875	-75.09	0.031	4	Pass
		1000	26000	19481.25	-58.57	1.390	20	Pass
802.11ac80	Middle	30	1000	877.5375	-74.92	0.032	4	Pass
		1000	26000	17718.75	-58.61	1.377	20	Pass
802.11ax20	Low	30	1000	866.3825	-75.09	0.031	4	Pass
		1000	26000	19893.75	-58.56	1.393	20	Pass
	Middle	30	1000	879.4775	-74.70	0.034	4	Pass
		1000	26000	19881.25	-58.49	1.416	20	Pass
	High	30	1000	991.9975	-75.10	0.031	4	Pass
		1000	26000	15693.75	-58.41	1.442	20	Pass
802.11ax40	Low	30	1000	839.7075	-75.13	0.031	4	Pass
		1000	26000	15656.25	-58.45	1.429	20	Pass
	High	30	1000	892.5725	-75.20	0.030	4	Pass
		1000	26000	15718.75	-58.39	1.449	20	Pass
802.11ax80	Middle	30	1000	789.2675	-74.22	0.038	4	Pass
		1000	26000	19793.75	-58.79	1.321	20	Pass

5.2G, Chain 0+Chain 1

Mode	Channel	Frequency Range		Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)	Result (dBm)	Result (nW)		
802.11n20	Low	30	1000	-71.76	0.067	4	Pass
		1000	26000	-55.56	2.780	20	Pass
	Middle	30	1000	-71.48	0.071	4	Pass
		1000	26000	-55.49	2.825	20	Pass
	High	30	1000	-72.03	0.063	4	Pass
		1000	26000	-55.80	2.630	20	Pass
802.11n40	Low	30	1000	-71.48	0.071	4	Pass
		1000	26000	-54.78	3.327	20	Pass
	High	30	1000	-71.78	0.066	4	Pass
		1000	26000	-54.96	3.192	20	Pass
802.11ac80	Middle	30	1000	-72.05	0.062	4	Pass
		1000	26000	-55.34	2.924	20	Pass
802.11ax20	Low	30	1000	-71.97	0.064	4	Pass
		1000	26000	-55.64	2.729	20	Pass
	Middle	30	1000	-71.85	0.065	4	Pass
		1000	26000	-55.23	2.999	20	Pass
	High	30	1000	-72.13	0.061	4	Pass
		1000	26000	-55.57	2.773	20	Pass
802.11ax40	Low	30	1000	-72.17	0.061	4	Pass
		1000	26000	-55.51	2.812	20	Pass
	High	30	1000	-72.18	0.061	4	Pass
		1000	26000	-55.35	2.917	20	Pass
802.11ax80	Middle	30	1000	-71.48	0.071	4	Pass
	Middle	1000	26000	-55.79	2.636	20	Pass

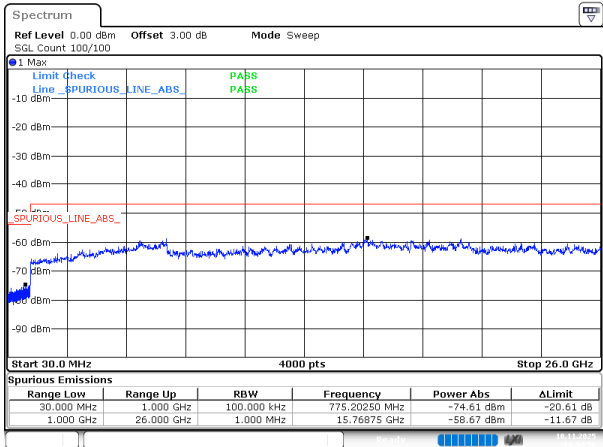
W52, Chain 0, Test Condition: NV

802.11a, Low Channel(30MHz~26GHz)



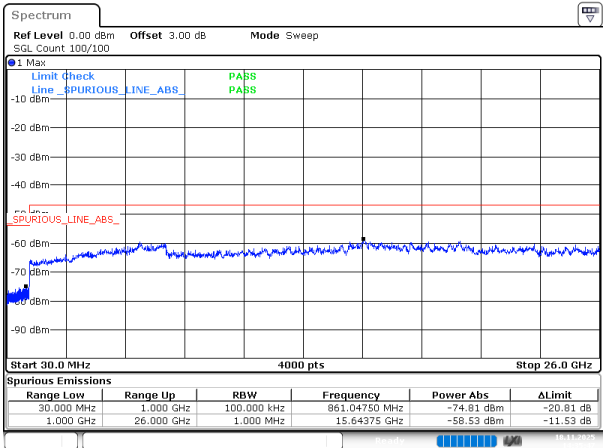
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 14:33:59

802.11a, Middle Channel(30MHz~26GHz)



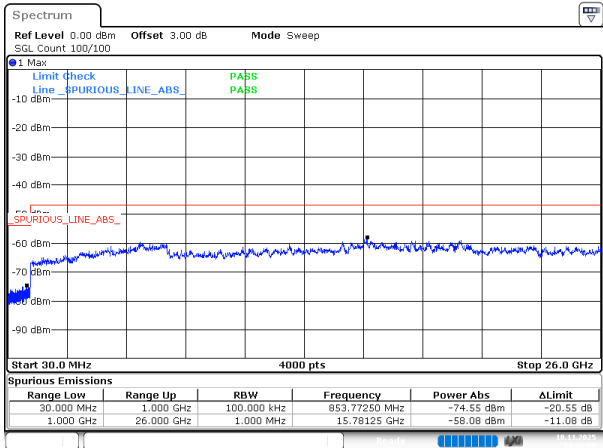
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Date: 18.NOV.2025 14:34:57

802.11a, High Channel(30MHz~26GHz)



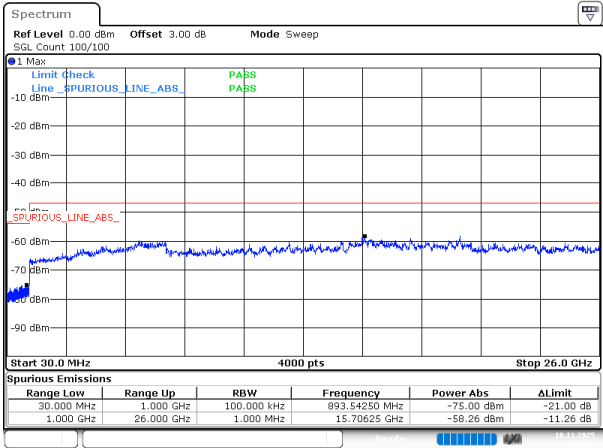
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 14:35:47

802.11n20, Low Channel(30MHz~26GHz)



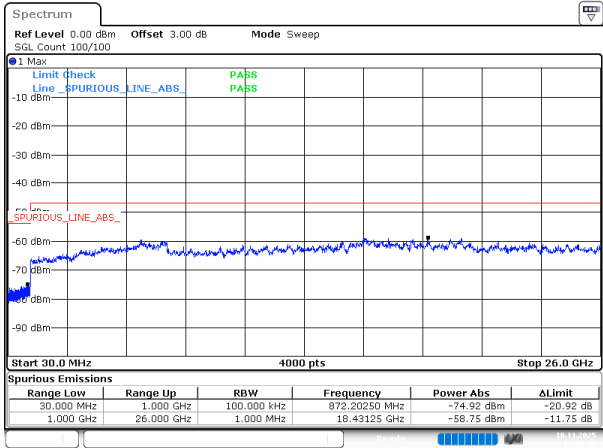
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Date: 18.NOV.2025 14:39:09

802.11n20, Middle Channel(30MHz~26GHz)



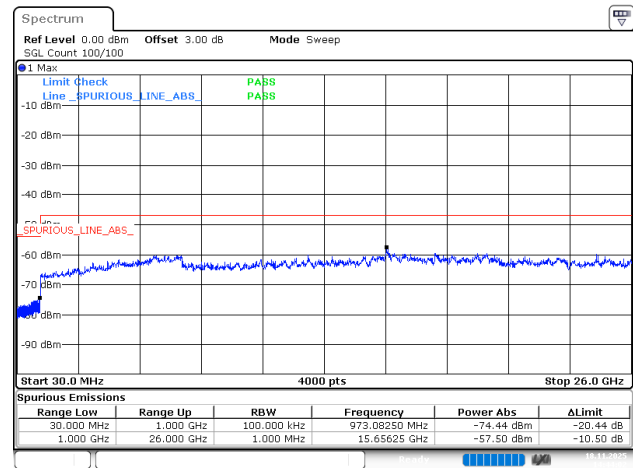
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802.11n20, High Channel(30MHz~26GHz)



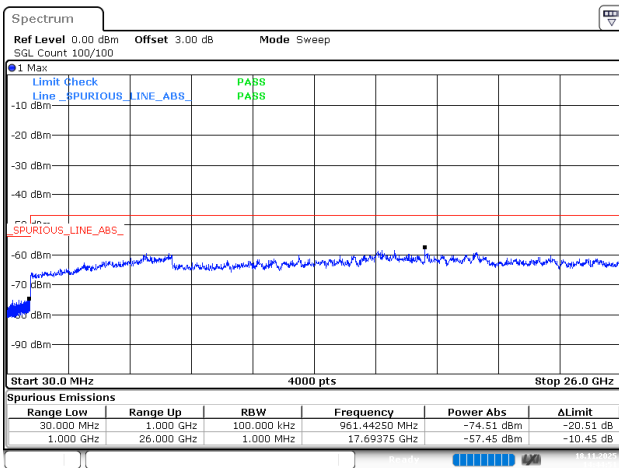
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Date: 18.NOV.2025 14:40:44

802.11n40, Low Channel(30MHz~26GHz)



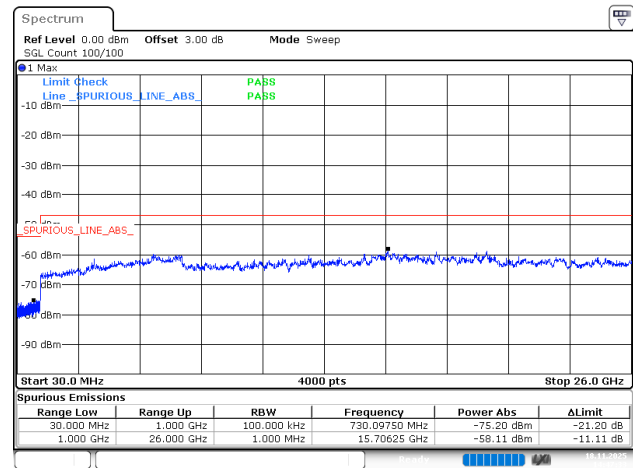
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802.11n40, High Channel(30MHz~26GHz)



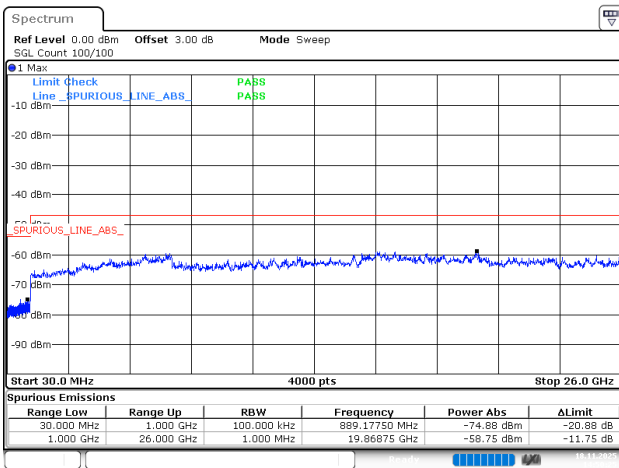
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802.11ac80, Middle Channel(30MHz~26GHz)



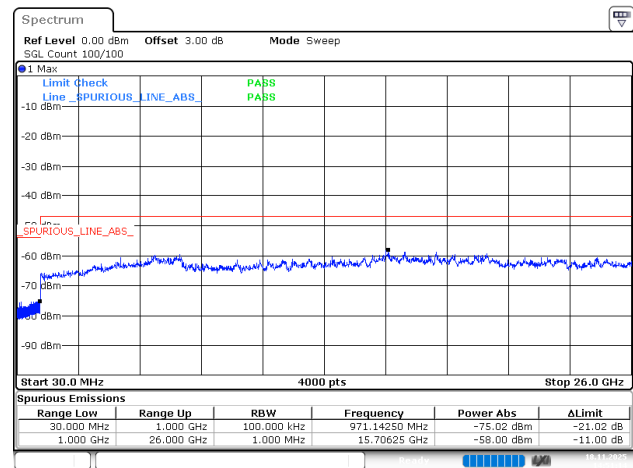
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Date: 18.NOV.2025 14:47:33

802.11ax20, Low Channel(30MHz~26GHz)



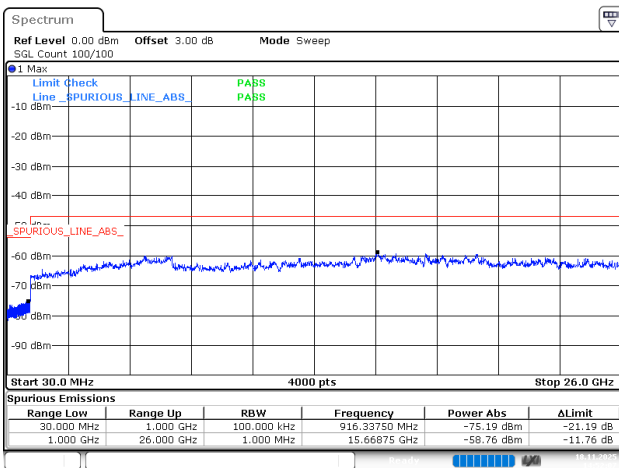
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802.11ax20, Middle Channel(30MHz~26GHz)



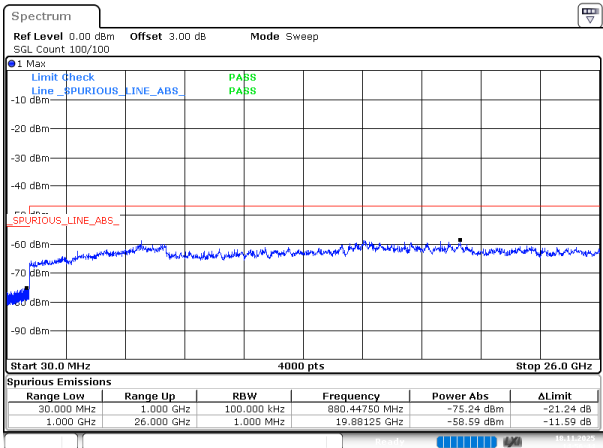
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Date: 18.NOV.2025 14:51:15

802.11ax20, High Channel(30MHz~26GHz)



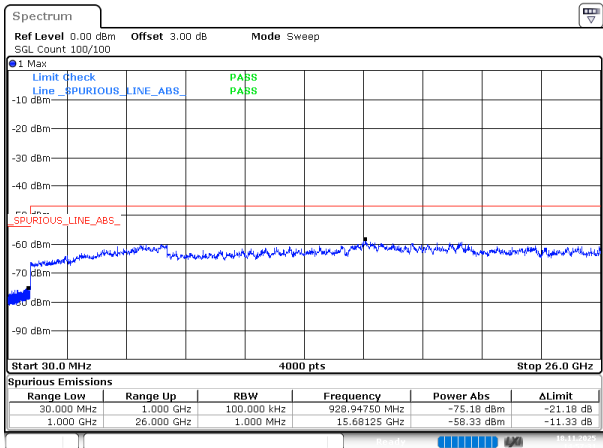
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Date: 18.NOV.2025 14:52:07

802.11ax40, Low Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 14:56:44

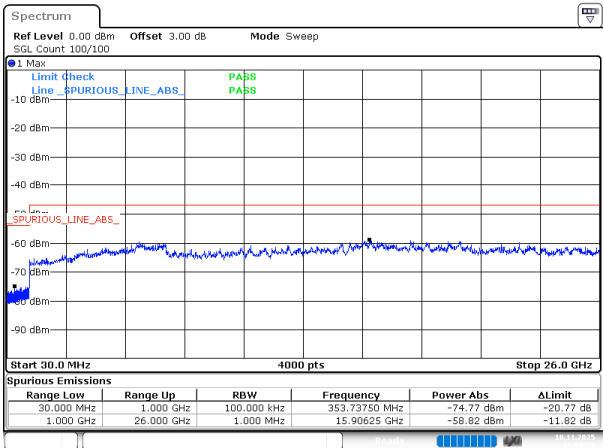
802.11ax40, High Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 14:57:32

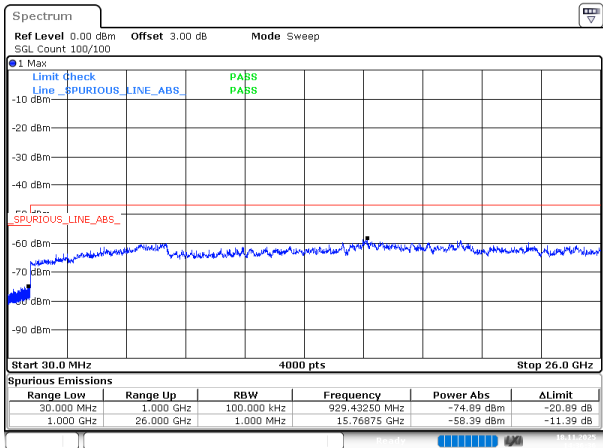
W52, Chain 1, Test Condition: NV

802.11ax80, Middle Channel(30MHz~26GHz)



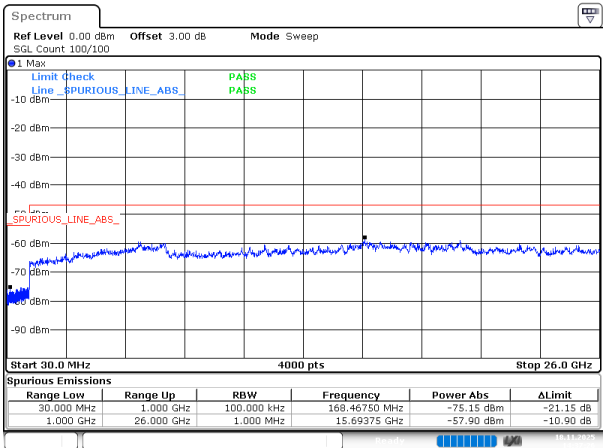
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Date: 18.NOV.2025 14:59:58

802.11a, Low Channel(30MHz~26GHz)



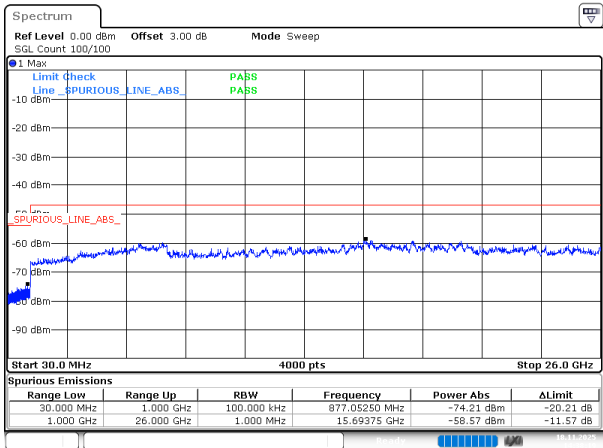
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Date: 18.NOV.2025 14:36:36

802.11a, Middle Channel(30MHz~26GHz)



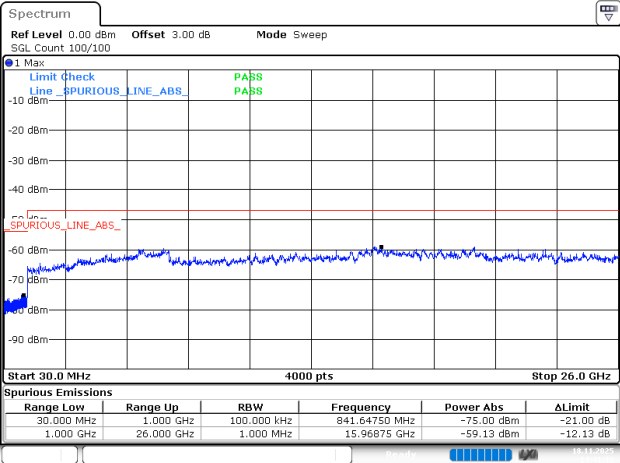
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 14:37:26

802.11a, High Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 18.NOV.2025 14:38:20

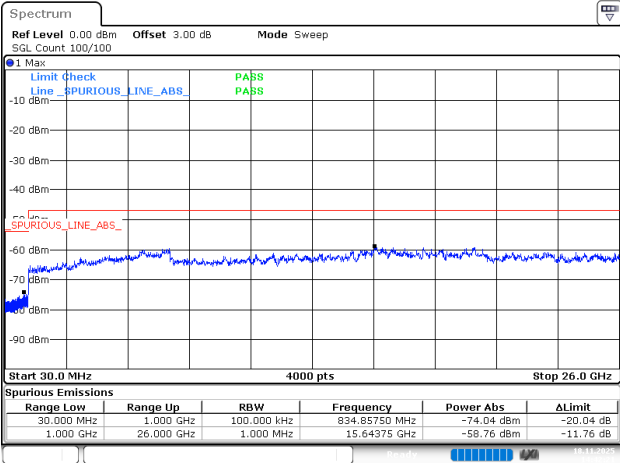
802.11n20, Low Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:41:33

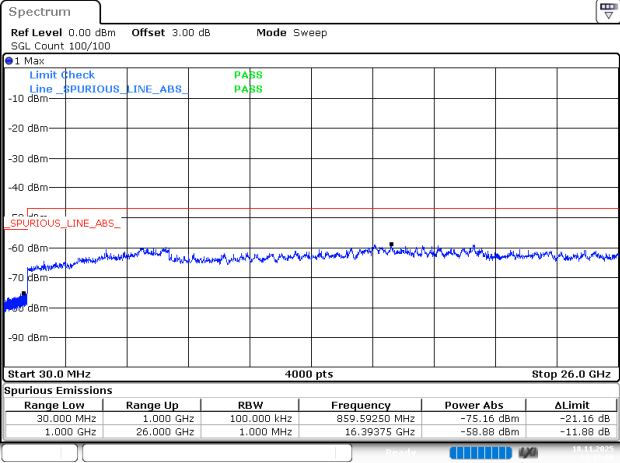
802.11n20, Middle Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:42:22

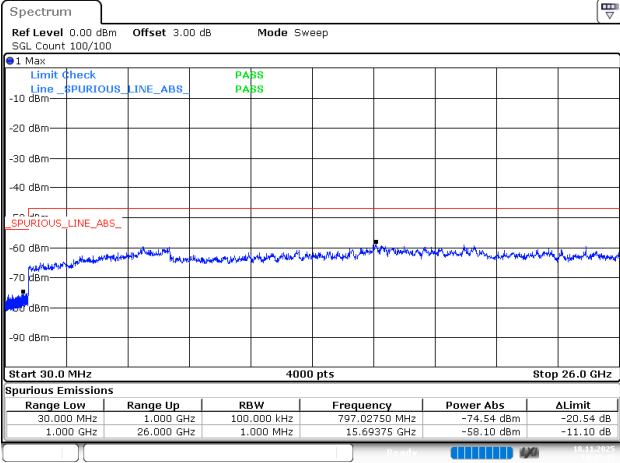
802.11n20, High Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:43:10

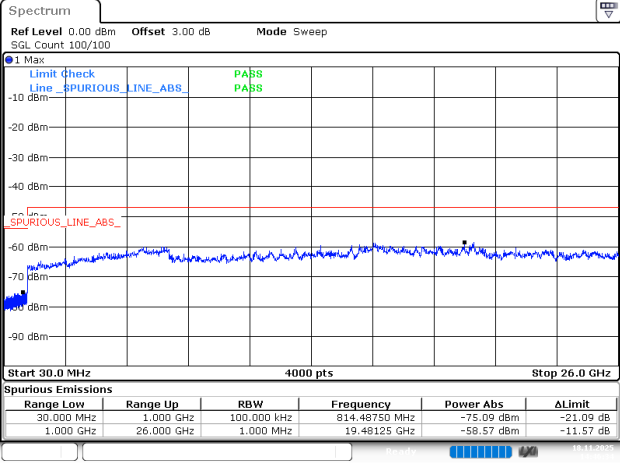
802.11n40, Low Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:45:44

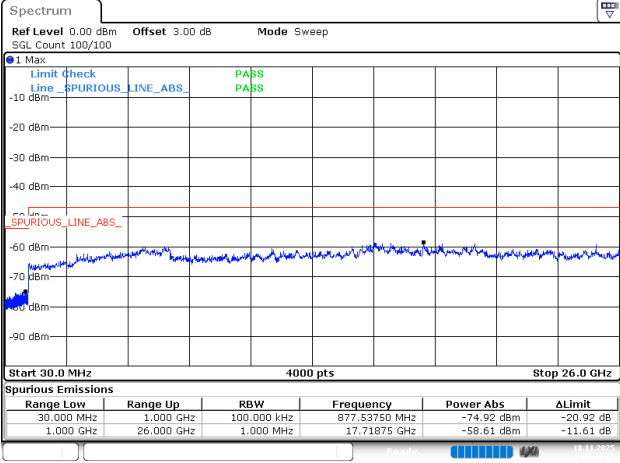
802.11n40, High Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:46:35

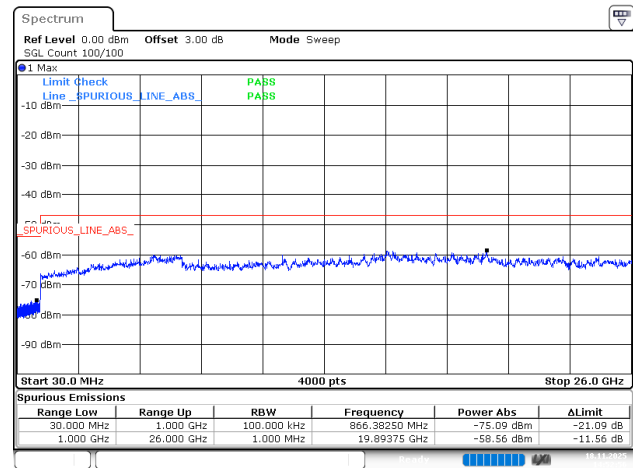
802.11ac80, Middle Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:48:23

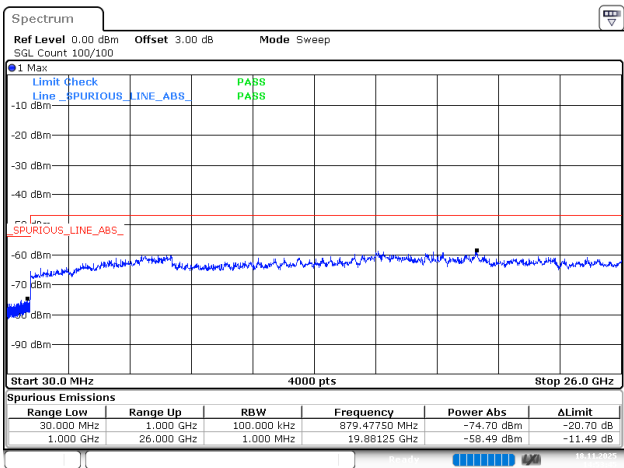
802.11ax20, Low Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:52:56

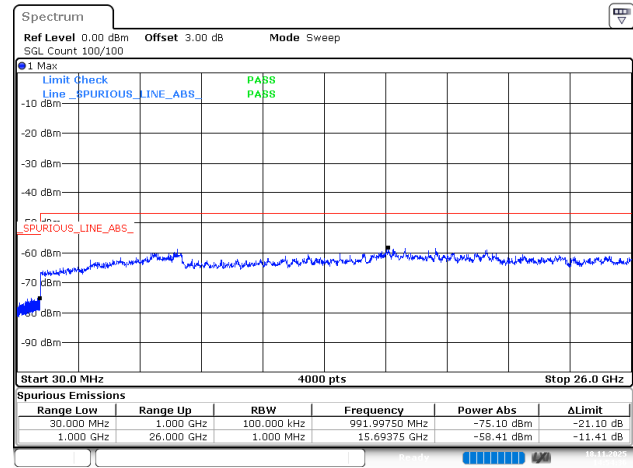
802.11ax20, Middle Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:53:46

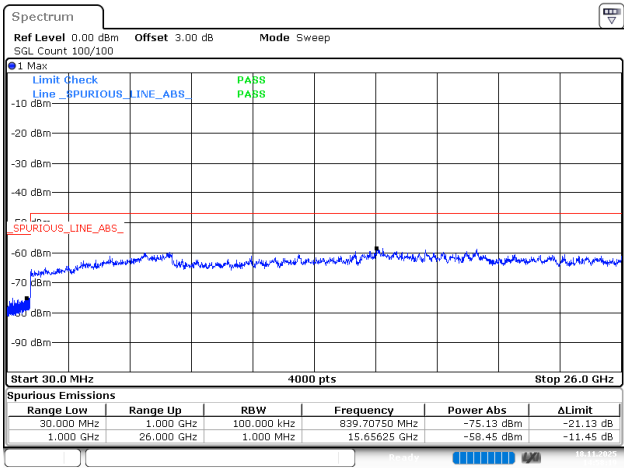
802.11ax20, High Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:54:37

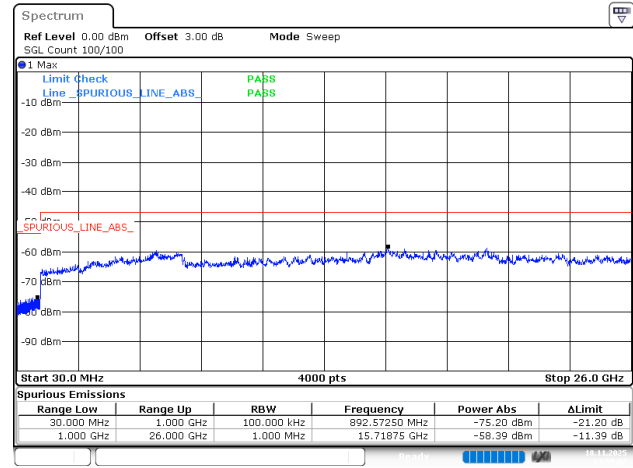
802.11ax40, Low Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:58:20

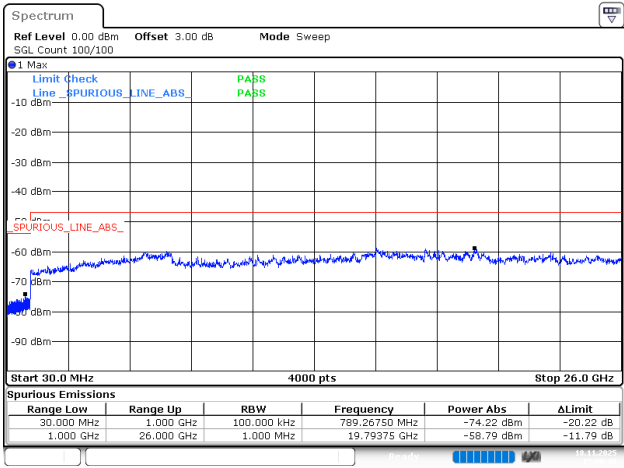
802.11ax40, High Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 14:59:07

802.11ax80, Middle Channel(30MHz~26GHz)



ProjectNo.:2502Y27382E-RF Tester:Conor Fu

Date: 18.NOV.2025 15:00:49

Transmission Burst Length**Test Information:**

Serial No.:	3B7Q-1	Test Date:	2025/12/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.8	Relative Humidity: (%)	37	ATM Pressure: (kPa)	101.4
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05	BACL(DG)	D
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02	BACL Metrology	C
All-sun	Clamp Meter	EM305A	8348897	2025/8/18	2026/8/17	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

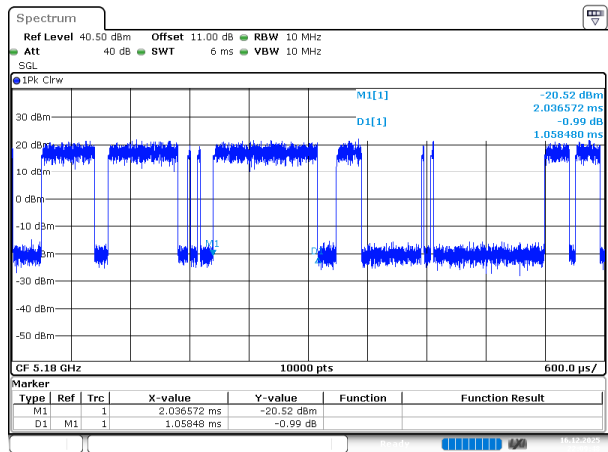
- A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV**5.2G, Chain 0**

Test Mode	Test Frequency (MHz)	Transmission Burst Length (ms)	Limit	Verdict
802.11a	5180	1.058	≤ 8	Pass
802.11n20	5180	1.303	≤ 8	Pass
802.11n40	5190	3.518	≤ 8	Pass
802.11ac80	5210	0.711	≤ 8	Pass
802.11ax20	5180	1.951	≤ 8	Pass
802.11ax40	5190	5.282	≤ 8	Pass
802.11ax80	5210	1.165	≤ 8	Pass

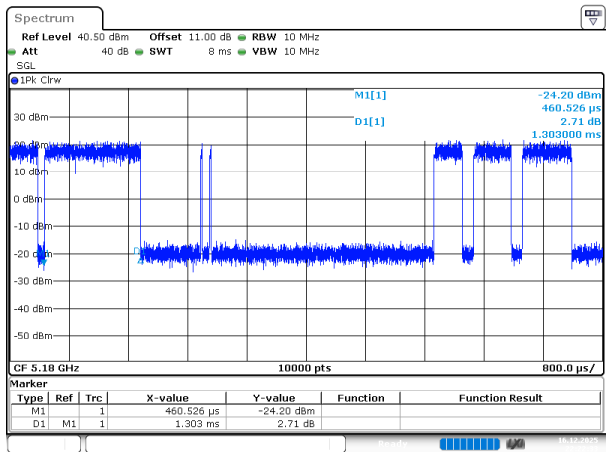
W52, Test Condition: NV

802.11a, Low Channel



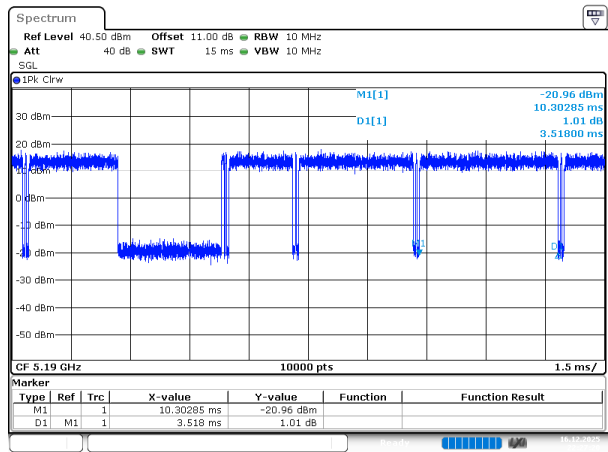
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 16.DEC.2025 22:09:49

802.11n20, Low Channel



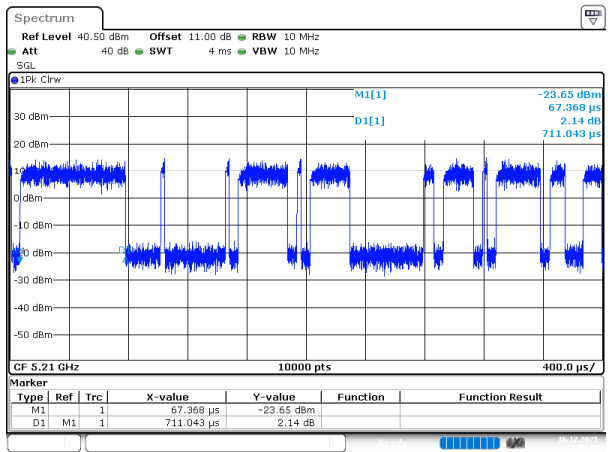
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 16.DEC.2025 22:22:33

802.11n40, Low Channel



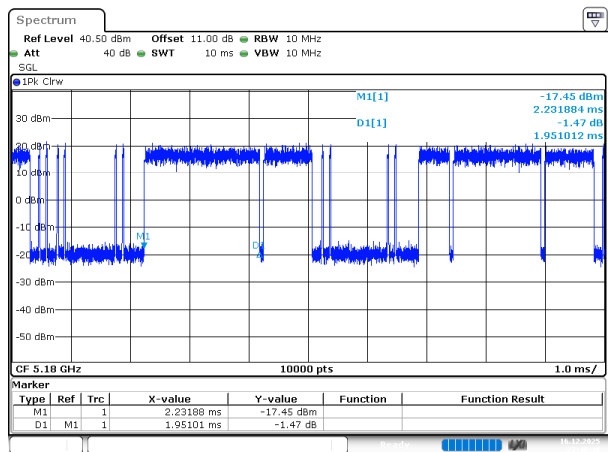
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 16.DEC.2025 22:27:20

802.11ac80, Middle Channel



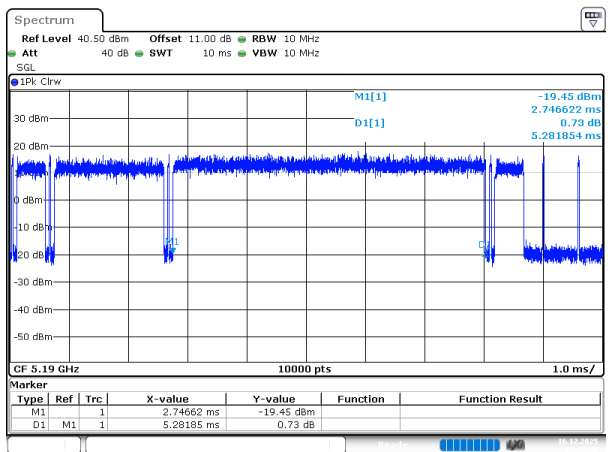
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 16.DEC.2025 22:35:18

802.11ax20, Low Channel



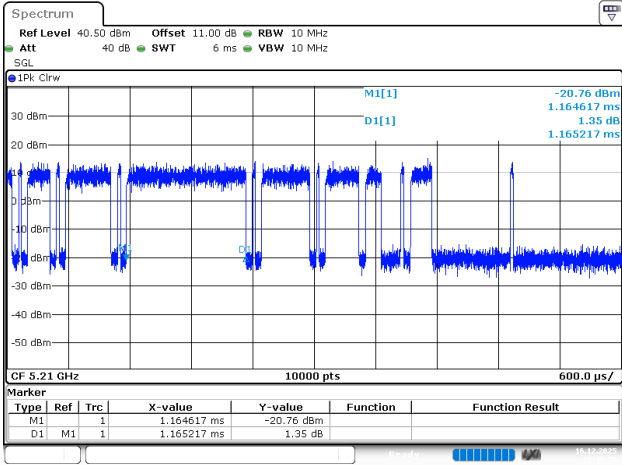
ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 16.DEC.2025 22:40:47

802.11ax40, Low Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 16.DEC.2025 22:43:48

802.11ax80, Middle Channel



ProjectNo.:2502Y27382E-RF Tester:Conor Fu
Date: 16,DEC,2025 22:46:56

END OF REPORT