

TEST REPORT

Applicant: MYAVRO LIMITED

Address: 50a London Street Reading Berkshire RG1 4SQ United Kingdom

Product Name: 5G digital mobile smartphone

FCC ID: 2BU6A-A1

IC: 35309-A1

HVIN: M829_V1

Standard(s): 47 CFR Part 15, Subpart E(15.407)
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RSS-Gen, Issue 5, February 2021 Amendment 2
ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 +Errata to
C63.10a-2024
KDB 987594 D02 U-NII 6 GHz EMC Measurement v03

Report Number: 2602P41234E-RF-001

Report Date: 2026/4/25

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	2602P41234E-RF-00I	Original Report	2026/4/25

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	5G digital mobile smartphone
EUT Model:	myAvro A1
Equipment Type:	Low-power indoor client devices(6XD)
Operation Frequency:	U-NII 5(5925-6425 MHz Band): 5955-6415 MHz (802.11ax he20) 5965-6405 MHz(802.11ax he40) 5985-6385 MHz(802.11ax he80)
	U-NII 6(6425-6525 MHz Band): 6435-6515 MHz (802.11ax he20) 6445-6525 MHz(802.11ax he40) 6465-6545 MHz(802.11ax he80)
	U-NII 7(6525-6875 MHz Band): 6535-6855 MHz (802.11ax he20) 6565-6845 MHz(802.11ax he40) 6625-6865 MHz(802.11ax he80)
	U-NII 8(6875-7125 MHz Band): 6875-7095 MHz (802.11ax he20) 6885-7085 MHz(802.11ax he40) 6945-7025 MHz(802.11ax he80)
Maximum Average Output Power (EIRP):	13.75 dBm (5925-6425 MHz) 13.77 dBm (6425-6525 MHz) 13.10 dBm (6525-6875MHz) 10.30 dBm (6875-7125 MHz)
Modulation Type:	OFDMA-BPSK,QPSK,16QAM,64QAM,256QAM,1024QAM,4096QAM
Rated Input Voltage:	3.88Vdc from battery or 5/9Vdc from adapter
Serial Number:	For AC line conducted emissions and Radiated Spurious Emissions: 3FXP-9 For RF Conducted test:3FXP-2
EUT Received Date:	2026/1/10
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	Jiangsu Chenyang Electron Co.,Ltd.	CK20W01US	Input: 100-240Vac 50/60Hz 0.7A Output: 5.0Vdc 3A /9Vdc 2.22A /12Vdc 1.67A /5-11Vdc 1.81A

1.3 Antenna Information Detail▲

Antenna	Antenna Type	input impedance (Ohm)	Frequency Range	Antenna Gain
Chain 0 (ANT8)	PIFA	50	5925-6425 MHz	1.71dBi
			6425-6525 MHz	2.71dBi
			6525-6875 MHz	2.74dBi
			6875-7125 MHz	2.43dBi
Chain 1 (ANT9)	PIFA	50	5925-6425 MHz	1.55dBi
			6425-6525 MHz	0.71dBi
			6525-6875 MHz	0.56dBi
			6875-7125 MHz	-0.52dBi

Note:

The system supports 2T2R CDD modes at 802.11ax mode.

Per KDB 662911 D01 Multiple Transmitter Output v02r01:

For power measurements:

CDD Mode:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

directional gain=1.71dBi for 5925-6425 MHz

directional gain=2.71dBi for 6425-6525 MHz

directional gain=2.74dBi for 6525-6875 MHz

directional gain=2.43dBi for 6875-7125 MHz

For power spectral density (PSD) measurements:

Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

directional gain=1.71dBi+3.01dB =4.72dBi for 5925-6425 MHz

directional gain=2.71dBi+3.01dB =5.72dBi for 6425-6525 MHz

directional gain=2.74dBi+3.01dB =5.75dBi for 6525-6875 MHz

directional gain=2.43dBi+3.01dB =5.44dBi for 6875-7125 MHz

Note: Calculate using the maximum antenna gain.

The design of compliance with §15.203:

☒ Unit uses a permanently attached antenna.

☐ Unit uses a unique coupling to the intentional radiator.

☐ Unit was professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

1.4 Equipment Modifications

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

2. SUMMARY OF TEST RESULTS

Standard(s) Section	Test Items	Result
§15.207(a) RSS-Gen Clause 8.8	AC line conducted emissions	Compliant
FCC§15.205& §15.209 &§15.407(b) RSS-248 Clause 4.6.2	Radiation Spurious Emissions	Compliant
§15.407(b)(7) RSS-248 Clause 4.6.2 b	In-band Emission	Compliant
§15.407(a) (11) RSS-248 Clause 4.4	26 dB Emission Bandwidth	Compliant
RSS-Gen Clause 6.7	99% Occupied bandwidth	Compliant
§15.407(a) (8) RSS-248 Clause 4.5.3	Maximum E.I.R.P.	Compliant
§15.407(a) (8) RSS-248 Clause 4.5.3	Maximum Power Spectral Density	Compliant
§15.407 (d) (6) RSS-248 Clause 4.7	Contention Based Protocol	Compliant
§15.203 RSS-Gen Clause 6.8	Antenna Requirement	Compliant
RSS-248 Clause 4.8	Operational requirements	Compliant

3. DESCRIPTION OF TEST CONFIGURATION

3.1 Operation Frequency Detail

U-NII 5 Band(5925-6425 MHz):

802.11ax he20		802.11ax he40		802.11ax he80	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	3	5965	7	5985
5	5975	11	6005	23	6065
~	~	~	~	/	/
45	6175	43	6165	39	6145
~	~	~	~	~	~
89	6395	83	6365	71	6305
93	6415	91	6405	87	6385

U-NII 6 Band(6425-6525 MHz):

802.11ax he20		802.11ax he40		802.11ax he80	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	6435	99	6445	/	/
101	6455	/	/	/	/
105	6475	/	/	103	6465
109	6495	107	6485	/	/
113	6515	/	/	/	/

Crossed U-NII 6 and U-NII 7:

802.11ax he20		802.11ax he40		802.11ax he80	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	115	6525	119	6545

U-NII 7 Band(6525-6875 MHz):

802.11ax he20		802.11ax he40		802.11ax he80	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	6535	123	6565	135	6625
121	6555	131	6605	/	/
~	~	~	~	/	/
149	6695	147	6685	151	6705
~	~	~	~	/	/
177	6835	171	6805	/	/
181	6855	179	6845	167	6785

Crossed U-NII 7 and U-NII 8:

802.11ax he20		802.11ax he40		802.11ax he80	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
185	6875	187	6885	183	6865

U-NII 8 Band(6875-7125 MHz):

802.11ax he20		802.11ax he40		802.11ax he80	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
189	6895	195	6925	199	6945
193	6915	~	~	/	/
~	~	~	~	/	/
209	6995	211	7005	/	/
~	~	~	~	/	/
225	7075	~	~	/	/
229	7095	227	7085	215	7025

Note 1: The above frequencies in bold were performed the test.

Note 2: For AC line conducted emissions, the maximum output power channel was tested.

Note 3: For Radiated Spurious Emissions 9kHz~1GHz and 18~40GHz, the maximum output power channel was tested.

3.2 EUT Exercise Software

EUT Operation Mode:			The system was configured for testing in Engineering Mode, which was provided by the manufacturer.		
Equipment Modifications:			No		
EUT Exercise Software:			engineering mode		
The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer ▲:					
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting	
				Chain 0	Chain 1
U-NII 5 Band(5925-6425 MHz):					
802.11ax he20	Lowest	5955	MCS0	6	-4
	Middle	6175	MCS0	7	-2
	Highest	6415	MCS0	9	-2
802.11ax he40	Lowest	5965	MCS0	13	2
	Middle	6165	MCS0	14	1
	Highest	6405	MCS0	18.5	1
802.11ax he80	Lowest	5985	MCS0	15	5
	Middle	6145	MCS0	17	4
	Highest	6385	MCS0	18.5	4
U-NII 6 Band(6425-6525 MHz):					
802.11ax he20	Lowest	6435	MCS0	9	-5
	Middle	6475	MCS0	10	-5
	Highest	6515	MCS0	10	-3
802.11ax he40	Lowest	6445	MCS0	18.5	0
	Highest	6485	MCS0	12	-1
802.11ax he80	Middle	6465	MCS0	18.5	3
Crossed U-NII 6 and U-NII 7:					
802.11ax he40	Additional	6525	MCS0	18	0
802.11ax he80	Additional	6545	MCS0	18	3
U-NII 7 Band(6525-6875 MHz):					
802.11ax he20	Lowest	6535	MCS0	10	-3
	Middle	6695	MCS0	5	-4
	Highest	6855	MCS0	3	0
802.11ax he40	Lowest	6565	MCS0	12	0
	Middle	6685	MCS0	10	0
	Highest	6845	MCS0	7	3
802.11ax he80	Lowest	6625	MCS0	14	3
	Middle	6705	MCS0	11	3
	Highest	6785	MCS0	11	5
Crossed U-NII 7 and U-NII 8:					
802.11ax he20	Additional	6875	MCS0	3	0
802.11ax he40	Additional	6885	MCS0	8	5

802.11ax he80	Additional	6865	MCS0	9	5
U-NII 8 Band(6875-7125 MHz):					
802.11be20	Lowest	6895	MCS0	3	0
	Middle	6995	MCS0	0	0
	Highest	7095	MCS0	0	0
802.11be40	Lowest	6925	MCS0	8	5
	Middle	7005	MCS0	4	5
	Highest	7085	MCS0	4	3
802.11be80	Lowest	6945	MCS0	9	5
	Highest	7025	MCS0	5	5

Note:

1. The above are the worst-case data rates, which are determined for each mode based upon investigations by measuring the average power and PSD across all data rates, bandwidths, and modulations.
2. The device supports SISO and MIMO in all modes, per pretest, 2T2R mode was the worst mode and reported for 802.11ax mode.
3. For 802.11ax mode, the device not support partial RU mode.

3.3 Support Equipment List and Details

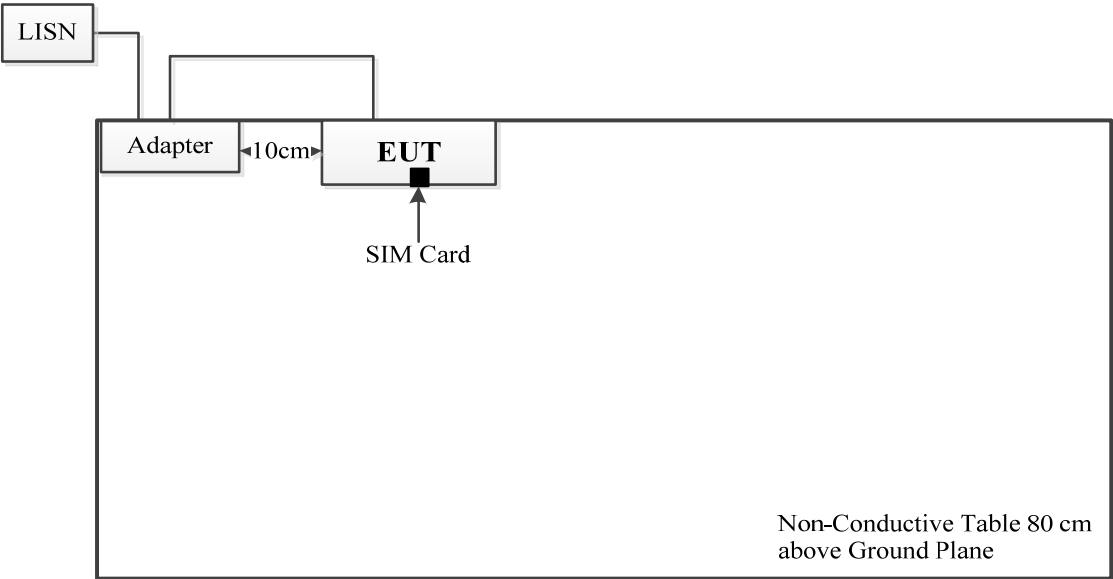
Manufacturer	Description	Model	Serial Number
/	SIM Card	/	180722

3.4 Support Cable List and Details

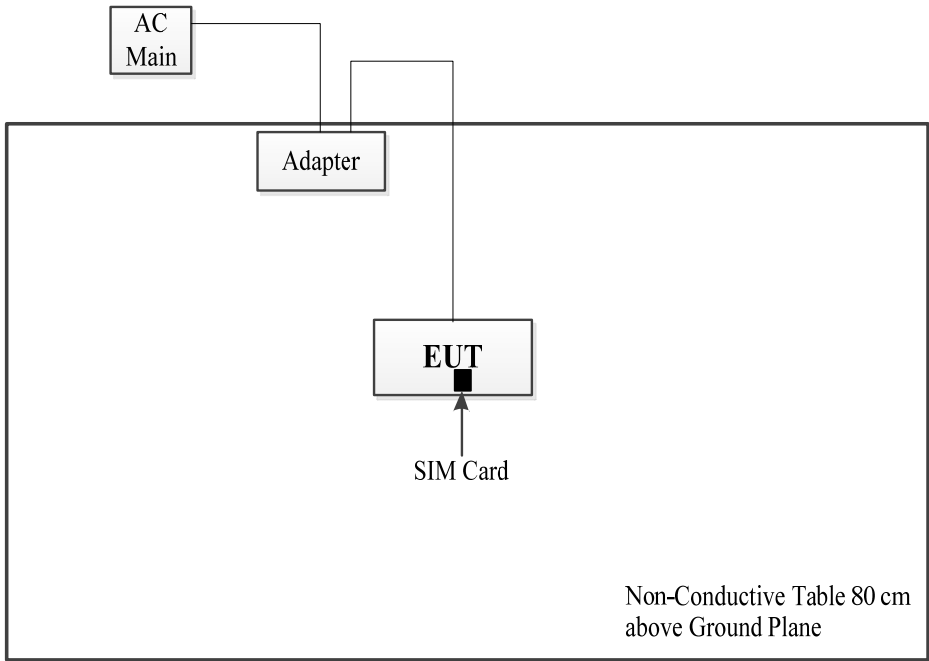
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
DC Cable	no	no	1.5	Adapter	EUT

3.5 Block Diagram of Test Setup

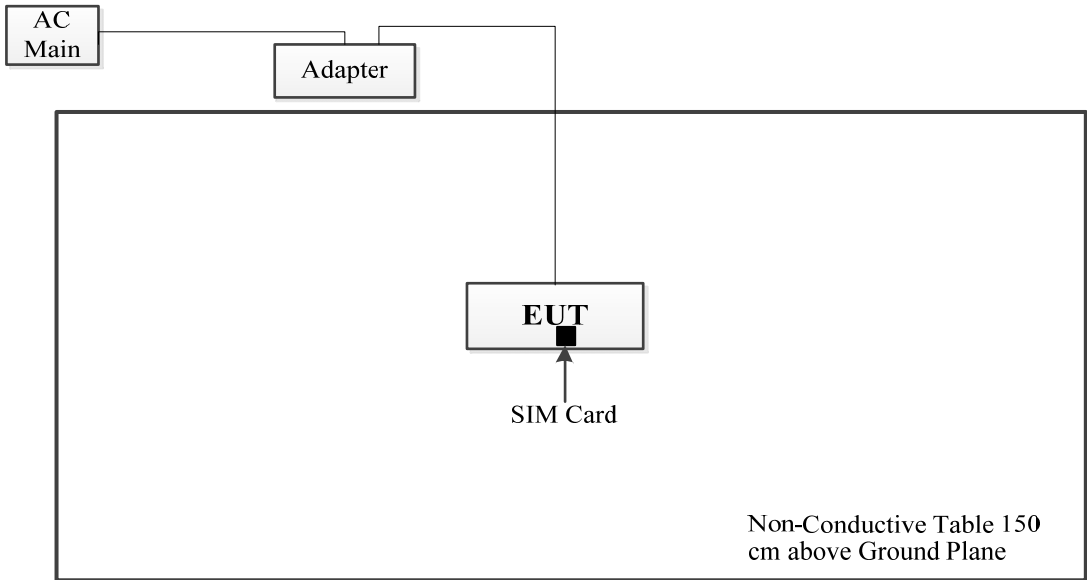
AC line conducted emissions:



Spurious Emissions:
Below 1GHz:



Above 1GHz:



3.6 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.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 829273, the FCC Designation No. : CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

3.7 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
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.55 dB
Power Spectral Density, conducted	±0.55 dB
Unwanted Emissions, radiated	9kHz~30MHz: 3.06dB, 30MHz~1GHz: 6.13 dB, 1GHz~6GHz: 4.79 dB, 6GHz~18GHz: 4.63 dB, 18GHz~26.5GHz: 4.79 dB, 26.5GHz~40GHz: 4.63 dB
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1℃
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	2.83 dB (150 kHz to 30 MHz)

4. REQUIREMENTS AND TEST PROCEDURES

4.1 AC Line Conducted Emissions

4.1.1 Applicable Standard

FCC§15.207(a).

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

(b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators on frequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:

- (1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.
- (2) For all other carrier current systems: 1000 μ V within the frequency band 535-1705 kHz, as measured using a 50 μ H/50 ohms LISN.
- (3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221, §15.223, or §15.227, as appropriate.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

RSS-Gen Clause 8.8

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 4, as measured using a 50 μ H / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 4 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

Table 4 – AC power-line conducted emissions limits

Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 ¹	56 to 46 ¹
0.5 – 5	56	46
5 – 30	60	50

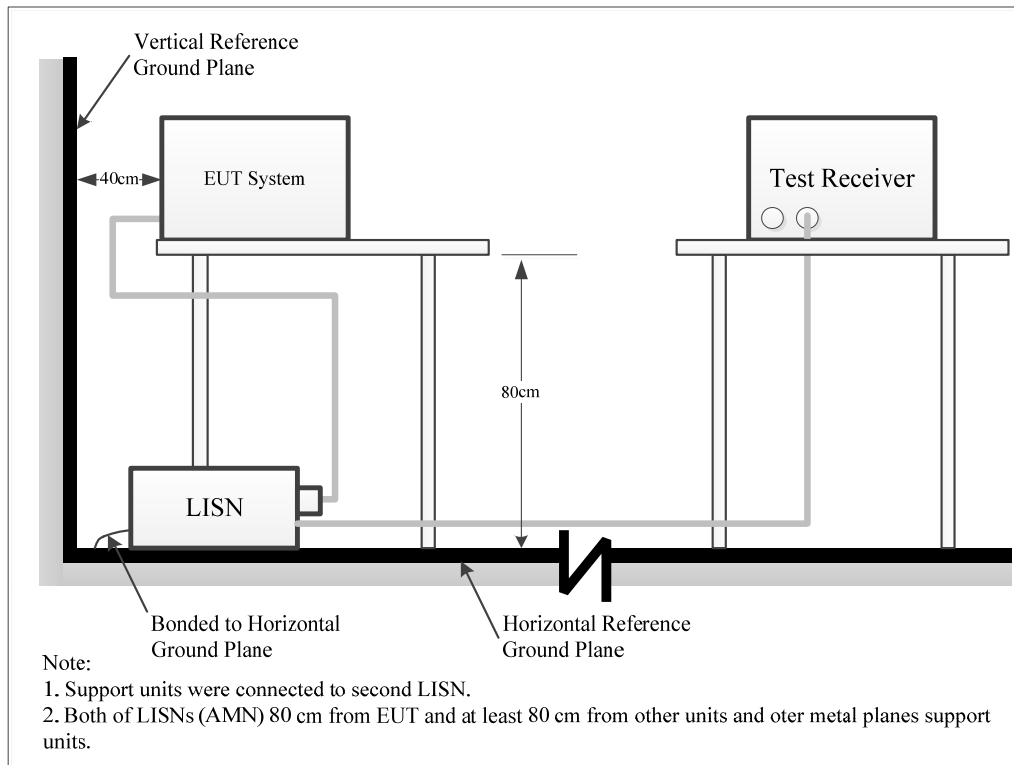
Note 1: The level decreases linearly with the logarithm of the frequency.

For an EUT with a permanent or detachable antenna operating between 150 kHz and 30 MHz, the AC power-line conducted emissions must be measured using the following configurations:

(a) Perform the AC power-line conducted emissions test with the antenna connected to determine compliance with the limits of table 4 outside the transmitter's fundamental emission band.

(b) Retest with a dummy load instead of the antenna to determine compliance with the limits of table 4 within the transmitter's fundamental emission band. For a detachable antenna, remove the antenna and connect a suitable dummy load to the antenna connector. For a permanent antenna, remove the antenna and terminate the RF output with a dummy load or network that simulates the antenna in the fundamental frequency band.

4.1.2 EUT Setup



The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207,RSS-Gen limits.

The spacing between the peripherals was 10cm.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

4.1.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

4.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground[protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

4.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor=attenuation caused by cable loss + voltage division factor of AMN

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

4.1.6 Test Result

Please refer to section 5.1.

4.2 Radiation Spurious Emissions

4.2.1 Applicable Standard

FCC §15.407 (b);

(6) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

(9) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in § 15.207.

(10) The provisions of § 15.205 apply to intentional radiators operating under this section.

RSS-248 Clause 4.6.1 This section specifies measurement requirements for unwanted emission limits for RLAN devices. Measurement requirements

The power of the unwanted emissions shall be measured in terms of average value.

Measurements shall employ a resolution bandwidth of 1 MHz. A narrower resolution bandwidth may be used, provided the measured power is integrated over 1 MHz. Measurements of the unwanted emissions shall be performed and reported using the lowest and highest channels that the device supports.

For purposes of this section, the channel bandwidth is identical to the occupied bandwidth or the 26 dB emission bandwidth, whereas the channel edges are the outermost frequency points that define the channel bandwidth.

If the transmission is in bursts, the provisions for pulsed operation in RSS-Gen shall apply.

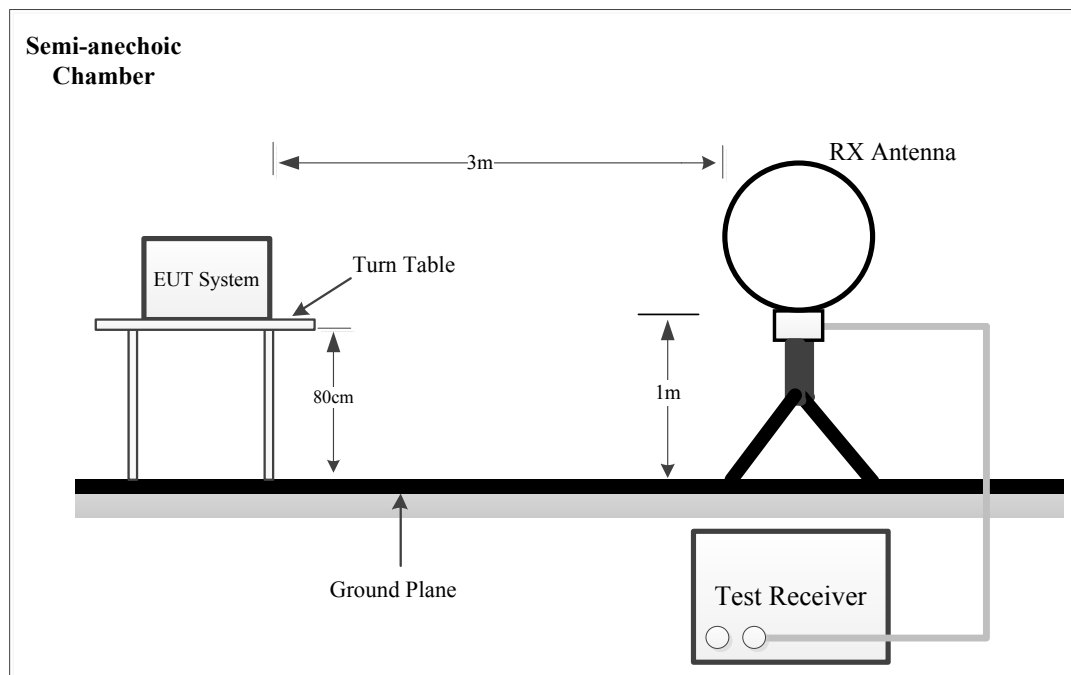
RSS-248 Clause 4.6. 2 Unwanted emission limits

The following unwanted emission limits shall apply:

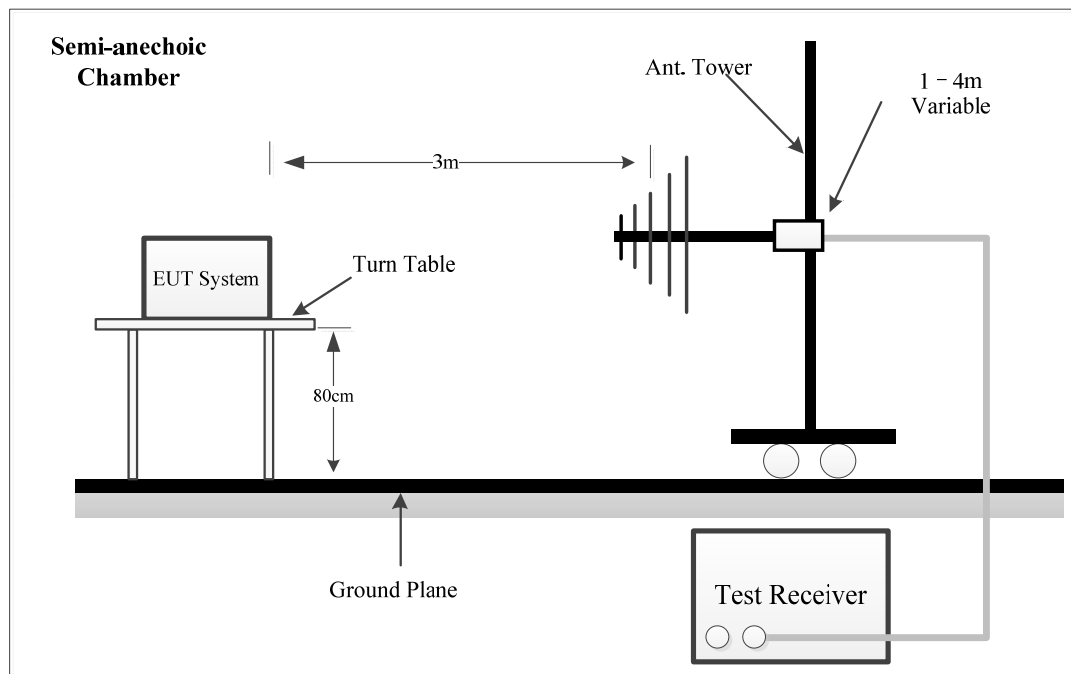
- a. Any emissions outside of the 5925-7125 MHz frequency band shall not exceed -27 dbm/MHz e.i.r.p. Spectral density

4.2.2 EUT Setup

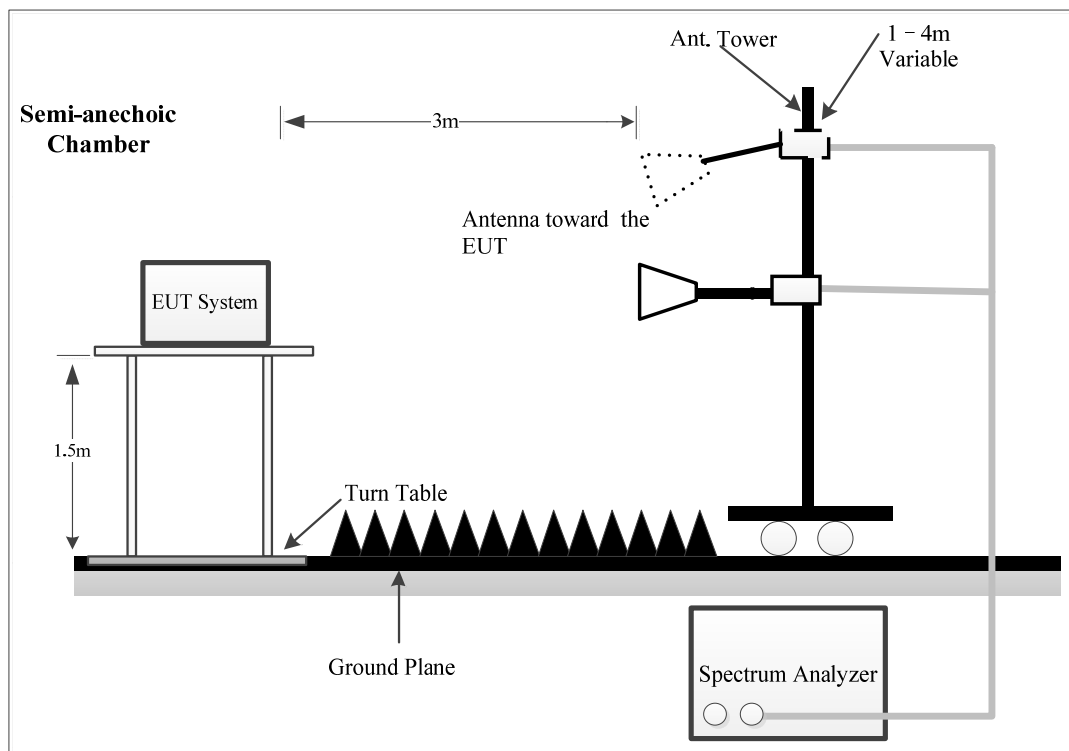
9kHz~30MHz:



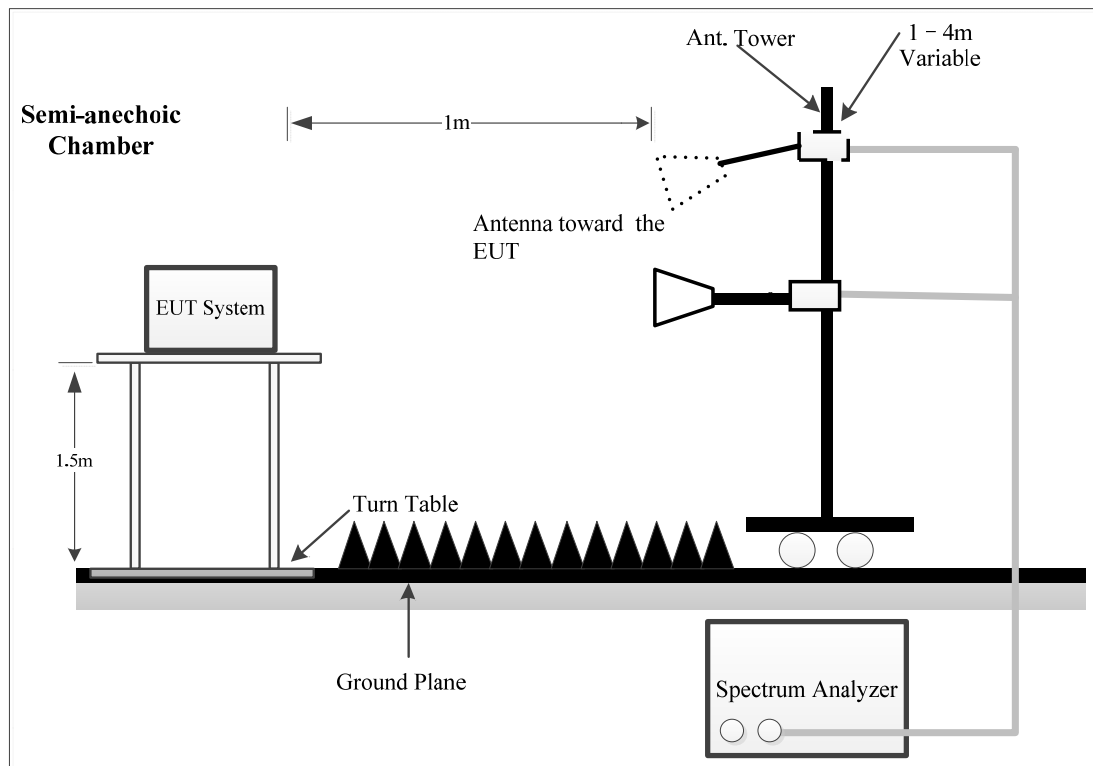
30MHz~1GHz:



1-18GHz:



18-40GHz:



The radiated emission tests were performed in the semi-anechoic chamber, using the setup accordance with the ANSI C63.10-2020. The specification used was FCC 15.209, FCC 15.407, RSS-248 limits.

For 9kHz-30MHz test, the lowest height of the magnetic antenna shall be 1 m above the ground and three antenna orientations (parallel, perpendicular, and ground-parallel) shall be measured.

4.2.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9kHz-1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W	Detector
9 kHz – 150 kHz	QP/AV	200 Hz	1 kHz	200 Hz	QP/AV
150 kHz – 30 MHz	QP/AV	9 kHz	30 kHz	9 kHz	QP/AV
30MHz – 1000 MHz	PK	120 kHz	500 kHz	/	PK
	QP	/	/	120kHz	QP

1GHz- 40GHz:

Pre-scan:

Frequency Range	Measurement	RBW	Video B/W	Detector
Above 1 GHz	Peak	1MHz	3 MHz	PK
	AV	1MHz	5kHz	PK

Final measurement for emission identified during the pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	PK	Any	1MHz	3 MHz
Ave.	PK	>98%	1MHz	10 Hz
		<98%	1MHz	$\geq 1/T$

Note: T is minimum transmission duration

If the maximized peak measured value is under the QP limit by more than 6dB, then it is unnecessary to perform an QP measurement.

If the maximized peak measured value is under the average limit, then it is unnecessary to perform an QP measurement.

Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

4.2.4 Test Procedure

During the radiated emission test, the adapter was connected to the first AC floor outlet.

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, emission shall be computed as: $E [dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.

All emissions under the average limit and under the noise floor have not recorded in the report.

For Radiated 18-40GHz test, which was performed at 1.0 m distance, according to C63.10, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.0m
Distance extrapolation Factor = $20 \log (\text{specific distance } [3m] / \text{test distance } [1.0m])$ dB = 9.54 dB

4.2.5 Corrected Result & Margin Calculation

$$E_{Log} = 20 \times \log_{10}(E_{Linear})$$

E_{Linear} is the field strength of the emission, in μ V/m

E_{Log} is the field strength of the emission, in dB μ V/m

For 9kHz-30MHz test, test distance is 3m, extrapolation limit shall be calculated using Equation:

$$E_{\text{limit-measure}} = E_{\text{limit-Standard}} + 40 \times \log_{10} (d_{\text{standard}}/d_{\text{measure}})$$

The basic equation except 18-40GHz test is as follows:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

For Radiated 18-40GHz test:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Distance extrapolation Factor}$$

$$\text{Result} = \text{Reading} + \text{Factor}$$

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Result}$$

For the spurious emission below 30MHz, the limit was convert from dB μ A/m to dB μ V/m by adding 51.5 dB

4.2.6 Test Result

Please refer to section 5.2.

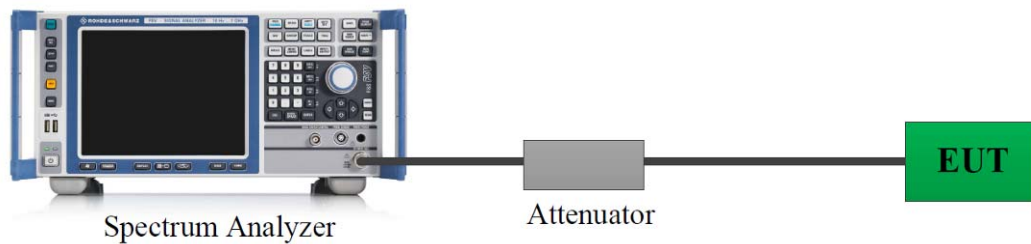
4.3 26 dB Emission Bandwidth

4.3.1 Applicable Standard

FCC§15.407(a)(11)

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

4.3.2 EUT Setup



4.3.3 Test Procedure

Test Method: KDB789033 D02 Clause II.C

Emission Bandwidth (EBW)

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.
Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
- For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 \times$ RBW.
- Measure and record the results in the test report.

4.3.4 Test Result

Please refer to section 5.3.

4.4 99% Occupied Bandwidth

4.4.1 Applicable Standard

RSS-248 Clause 4.4

The occupied bandwidth of an RLAN device shall not exceed 320 MHz.

RSS-Gen Clause 6.7

The occupied bandwidth or the “99% emission bandwidth” is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

In some cases, the “x dB bandwidth” is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

The transmitter shall be operated at its maximum carrier power measured under normal test conditions.

The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.

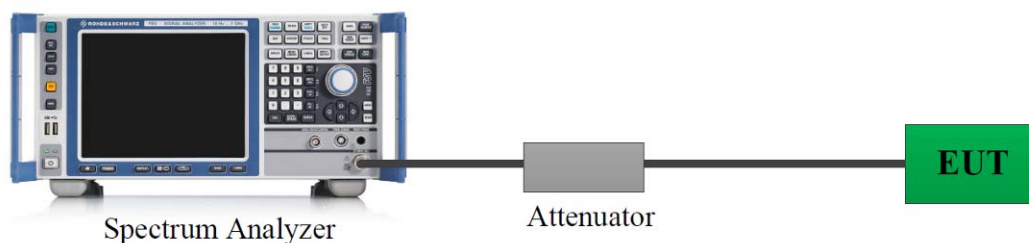
The detector of the spectrum analyzer shall be set to “Sample”. However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or “Max Hold”) may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.

The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99% emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99% emission bandwidth).

4.4.2 EUT Setup



4.4.3 Test Procedure

According to ANSI C63.10-2020 Section 6.9.3

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

4.4.4 Test Result

Please refer to section 5.4.

4.5 Maximum EIRP

4.5.1 Applicable Standard

FCC §15.407(a) (8)

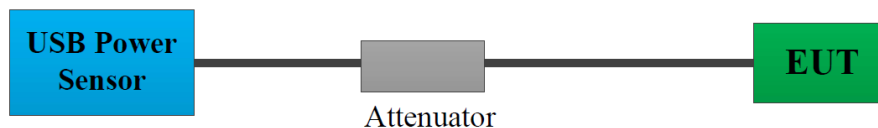
For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed –1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

RSS-248 Clause 4.5.3 Power limits for low-power client devices

The following limits shall apply to low-power client devices:

- a. the maximum e.i.r.p. spectral density shall not exceed –1 dBm/MHz and
- b. the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm

4.5.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port. The insert loss of this RF cable/attenuator was offset into the setting of test equipment:

Offset=Insert loss of RF cable+ Insert loss of attenuator

4.5.3 Test Procedure

Test Method: KDB789033 D02 Clause II.E.3 b)

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

4.5.4 Test Result

Please refer to section 5.5.

4.6 Maximum power spectral density

4.6.1 Applicable Standard

FCC §15.407(a) (8)

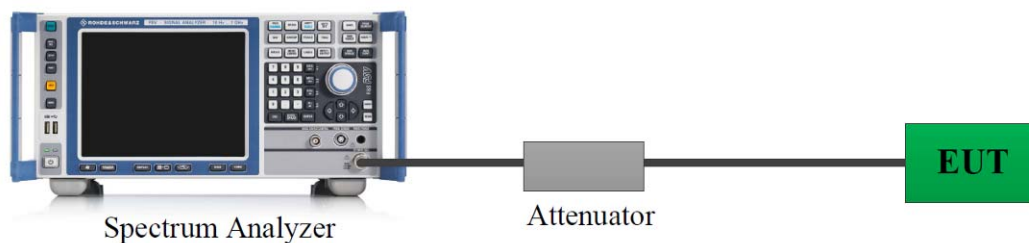
For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

RSS-248 Clause 4.5.3 Power limits for low-power client devices

The following limits shall apply to low-power client devices:

- the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz and
- the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm

4.6.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port. The insert loss of this RF cable/attenuator was offset into the setting of test equipment:

Offset=Insert loss of RF cable+ Insert loss of attenuator

4.6.3 Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Duty cycle $\geq 98\%$

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 should be applied.

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 should be applied.

Duty cycle $< 98\%$, duty cycle variations exceed $\pm 2\%$

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-3 should be applied.

4.6.4 Test Result

Please refer to section 5.6.

4.7 In-Band Emission

4.7.1 Applicable Standard

FCC§15.407(b) (7)

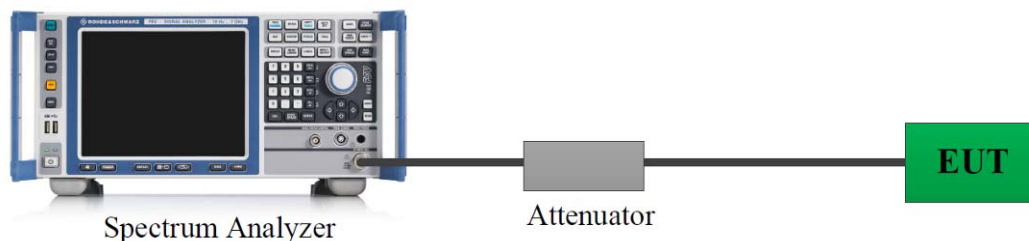
For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

RSS-248 Clause 4.6.2 b

the e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz frequency band shall be attenuated below the reference power spectral density by:

- i. 20 dB at 1 MHz away from the channel edges
- ii. a value, linearly interpolated in a dB scale, between 20 dB and 28 dB at frequencies between 1 MHz outside of channel edges and 1 channel bandwidth away from the operating channel centre, respectively
- iii. 28 dB at 1 channel bandwidth away from the operating channel centre
- iv. a value, linearly interpolated in a dB scale, between 28 dB and 40 dB at frequencies between 1 channel bandwidth away from the operating channel centre and 1.5 times the channel bandwidth away from the operating channel centre, respectively
- v. 40 dB at 1.5 times the channel bandwidth away from the operating channel centre
- vi. a minimum of 40 dB at frequencies that are further away than 1.5 times the channel bandwidth from the operating channel centre

4.7.2 EUT Setup



4.7.3 Test Procedure

According to KDB 987594 D02 U-NII 6 GHz EMC Measurement v03 Clause J

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth.
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.

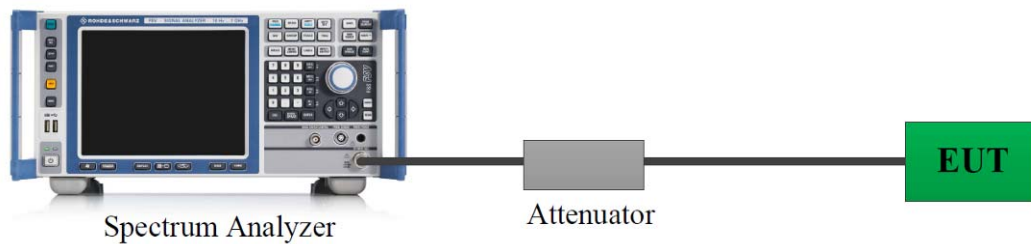
- e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
 6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a. Suppressed by 20 dB at 1 MHz outside of the channel edge.
 - b. Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
 7. Adjust the span to encompass the entire mask as necessary.
 8. Clear trace.
 9. Trace average at least 100 traces in power averaging (rms) mode.
 10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

4.7.4 Test Result

Please refer to section 5.7.

4.8 Duty Cycle

4.8.1 EUT Setup



4.8.2 Test Procedure

According to ANSI C63.10-2020 Section 12.2

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:

- 1) Set the center frequency of the instrument to the center frequency of the transmission.
- 2) Set $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
- 3) Set $VBW \geq RBW$. Set detector = peak or average.
- 4) The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if $T \leq 16.7 \mu s$.)

4.8.3 Judgment

Report Only. Please refer to section 5.8.

4.9 Contention Based Protocol

4.9.1 Applicable Standard

FCC 15.407(d) (6) &KDB 987594 D02.

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band . To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band , unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold(-62dBm)1.The -62dBm(or lower) Threshold is referenced to a 0dBi antenna gain.

To ensure incumbent operations are reliably detected in the band , low power indoor devices must detect RF energy throughout intended operating channel . For example , an 802 .device that plans to transmit a 40 MHz-wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally , low-power indoor devices must detect co-channel energy with 90% or greater certainty .

Table 1. Criteria to determine number of times detection threshold test may be performed		
If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:
 BW_{EUT} : Transmission bandwidth of EUT signal
 BW_{Inc} : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)
 f_{c1} : Center frequency of EUT transmission
 f_{c2} : Center frequency of simulated incumbent signal

RSS-248 Clause 4.7

This section sets out the requirements for the use of a contention-based protocol. Low-power indoor access points, indoor subordinate devices, and low-power client devices shall employ a contention-based protocol.

The FCC's accepted KDB procedures listed on ISSED's Certification and Engineering Bureau website (see the Normative Test Standards and Acceptable Alternate Procedures page) shall be used to demonstrate the

compliance of a device with the contention-based protocol requirements set out in this section.

The minimum detection threshold power is the received power referenced to a 0 dBi antenna. Devices shall use a contention-based protocol to detect the presence of any emissions on the channel that the device intends to occupy. The device shall be able to detect, within its entire occupied bandwidth, a radio frequency power of at least -62 dBm or lower.

If an emission is detected on a channel, the device shall cease transmissions and shall not resume transmissions on this channel while the detected radio frequency power is at or above the -62 dBm threshold.

4.9.2 EUT Setup

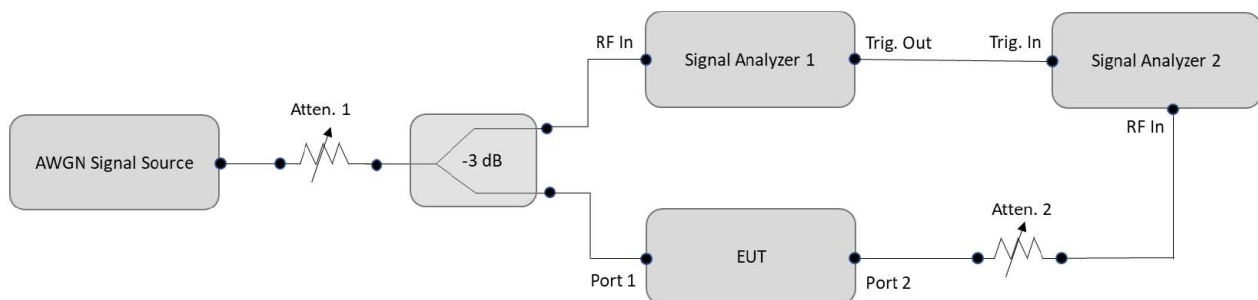


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

4.9.3 Test Procedure

According to KDB 987594 D02 U-NII 6 GHz EMC Measurement v03 Clause I

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the

EUT can detect an AWGN signal with 90% (or better) level of certainty.

10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

4.9.4 Test Result

Please refer to section 5.9.

4.10 Antenna Requirement

4.10.1 Applicable Standard

FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

RSS-Gen Clause 6.8

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

4.10.2 Judgment

Result: Compliant. Please refer to the Antenna Information detail in Section 1.

4.11 Operational requirements

4.11.1 Applicable Standard

RSS-248 Clause 4.8.1 Operational requirements

This section sets out operational requirements for RLAN devices. The following operational requirements shall apply to RLAN devices:

- a. Devices shall automatically stop transmitting if there is an absence of information to transmit or an operational failure. Note that the intention is not to prohibit either the transmission of control or signalling information, or the use of repetitive codes, where one or both are required by the technology. An explanation of how to stop transmitting shall be included in the certification filing.
- b. Devices shall not be used for control of or communications with unmanned aircraft systems.
- c. Devices shall not be used on oil platforms.
- d. Devices shall not be used on aircraft.
- e. Except for very low-power devices, devices shall not be used on automobiles.
- f. Except for very low-power devices, devices shall not be used on trains.
- g. Except for very low-power devices, devices shall not be used on maritime vessels.
- h. Client devices shall not be capable of initiating a network.

RSS-248 Clause 4.8.2 Standard client devices and low-power client devices

For standard client devices and low-power client devices, the following requirements shall apply:

- a. devices shall not connect directly to another standard client device or low-power client device
- b. these devices may transmit brief messages to an access point after detecting a signal confirming that the access point is operating on a particular frequency, in order to join the access point's network

4.11.2 Judgment

Result: Compliant.

The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. Please refer to the declaration.

The devices are not be used for control of or communications with unmanned aircraft systems.

The devices are not be used on oil platforms.

The devices are not be used on aircraft.

The devices are not very low-power device, so it can not be used on automobiles, trains and maritime vessels.

The device is not capable of initiating a network connection.

No devices can connect directly to this device. Please refer to the declaration.

These devices may transmit brief messages to an access point after detecting a signal confirming that the access point is operating on a particular frequency, in order to join the access point's network.

5. TEST DATA AND RESULTS

5.1 AC Line Conducted Emissions

Serial Number:	3FXP-9	Test Date:	2026/01/20
Test Site:	CE	Test Mode:	Transmitting
Tester:	Leesin Xiang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.9	Relative Humidity: (%)	51	ATM Pressure: (kPa)	101.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101614	2025/6/25	2026/6/24
Unknown	Coaxial Cable	RG 142	C-0200-05	2025/5/6	2026/5/5
R&S	EMI Test Receiver	ESCI	100224	2025/6/25	2026/6/24
Audix	Test Software	E3	191218 V9	N/A	N/A

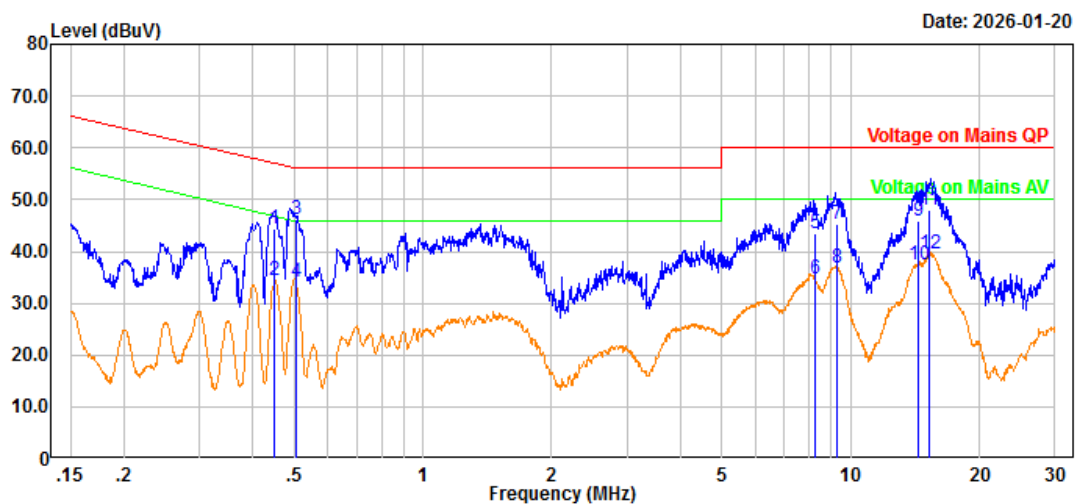
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Note: 802.11ax80 6465MHz was tested.

Project No.: 2602P41234E-RF
Port: Line
Test Mode: Transmitting
IF B/W 9kHz PK/AV

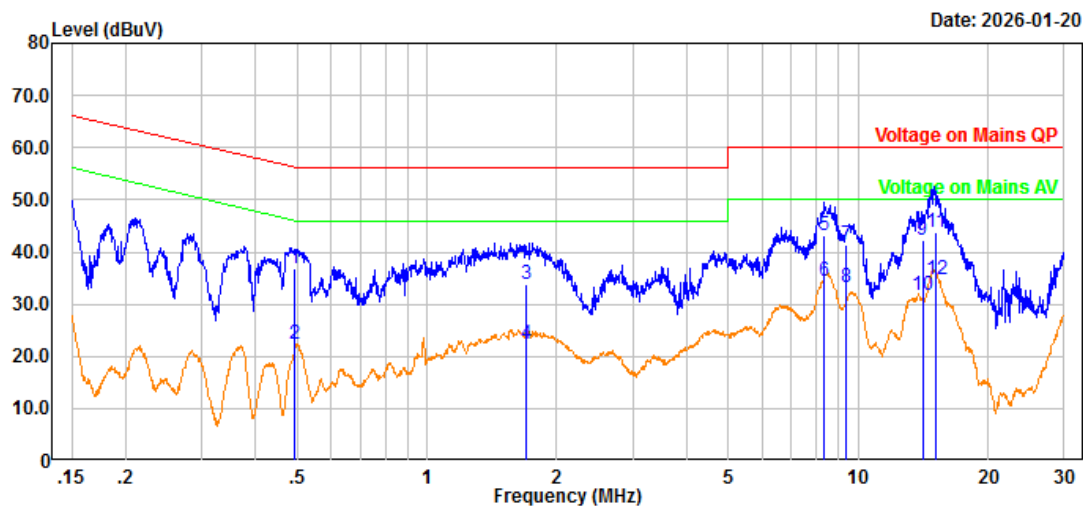
Serial No.: 3FXP-9
Tester: Leesin Xiang
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.450	33.73	10.64	44.37	56.88	12.51	QP
2	0.450	23.63	10.64	34.27	46.88	12.61	Average
3	0.505	35.45	10.61	46.06	56.00	9.94	QP
4	0.505	23.43	10.61	34.04	46.00	11.96	Average
5	8.254	32.43	11.02	43.45	60.00	16.55	QP
6	8.254	23.77	11.02	34.79	50.00	15.21	Average
7	9.311	34.61	10.73	45.34	60.00	14.66	QP
8	9.311	26.14	10.73	36.87	50.00	13.13	Average
9	14.407	34.78	11.03	45.81	60.00	14.19	QP
10	14.407	26.50	11.03	37.53	50.00	12.47	Average
11	15.220	36.93	11.11	48.04	60.00	11.96	QP
12	15.220	28.50	11.11	39.61	50.00	10.39	Average

Project No.: 2602P41234E-RF
 Port: neutral
 Test Mode: Transmitting
 IF B/W 9kHz PK/AV

Serial No.: 3FXP-9
 Tester: Leesin Xiang
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.491	26.44	10.52	36.96	56.15	19.19	QP
2	0.491	11.70	10.52	22.22	46.15	23.93	Average
3	1.694	22.63	11.12	33.75	56.00	22.25	QP
4	1.694	11.32	11.12	22.44	46.00	23.56	Average
5	8.294	32.41	10.91	43.32	60.00	16.68	QP
6	8.294	23.36	10.91	34.27	50.00	15.73	Average
7	9.376	30.40	10.87	41.27	60.00	18.73	QP
8	9.376	22.35	10.87	33.22	50.00	16.78	Average
9	14.085	31.37	10.97	42.34	60.00	17.66	QP
10	14.085	20.73	10.97	31.70	50.00	18.30	Average
11	15.132	32.90	11.00	43.90	60.00	16.10	QP
12	15.132	23.80	11.00	34.80	50.00	15.20	Average

5.2 Radiation Spurious Emissions

Serial Number:	3FXP-9	Test Date:	Below 1G: 2026/4/24 Above 1G: 2026/1/28~ 2026/1/29
Test Site:	Chamber A, Chamber B	Test Mode:	Transmitting
Tester:	Lancer Zhang, Leo Xiao	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	21.3~22.9	Relative Humidity: (%)	32~49	ATM Pressure: (kPa)	100.7~101.6

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
9kHz~1000MHz					
EMCO	Passive Loop Antenna	6512	9706-1206	2023/10/25	2026/10/24
Sunol Sciences	Hybrid Antenna	JB3	A060611-2	2024/4/16	2027/4/15
Narda	Coaxial Attenuator	757C-6dB	34010	2024/4/16	2027/4/15
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2025/7/1	2026/6/30
Sonoma	Amplifier	310N	372193	2025/7/30	2026/7/29
R&S	EMI Test Receiver	ESCI	100035	2025/6/25	2026/6/24
Audix	Test Software	E3	191218 V9	N/A	N/A
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2023/2/22	2026/2/21
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2025/11/17	2026/11/16
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2025/11/14	2026/11/13
AH	Preamplifier	PAM-0118P	469	2025/4/11	2026/4/10
AH	Preamplifier	PAM-1840VH	191	2025/9/4	2026/9/3
R&S	Spectrum Analyzer	FSV40	101944	2025/8/8	2026/8/7
Audix	Test Software	E3	191218 V9	N/A	N/A
Decentest	Multiplex Switch Test Control Set & Filter Switch Unit	DT7220SCU & DT7220FCU	DC79902 & DC79905	2025/8/25	2026/8/24

* 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).

Test Data:

Please refer to the below plots.
After pre-scan in the X, Y and Z axes of orientation, the worst case(Y axes was the worst) is referred to plots.

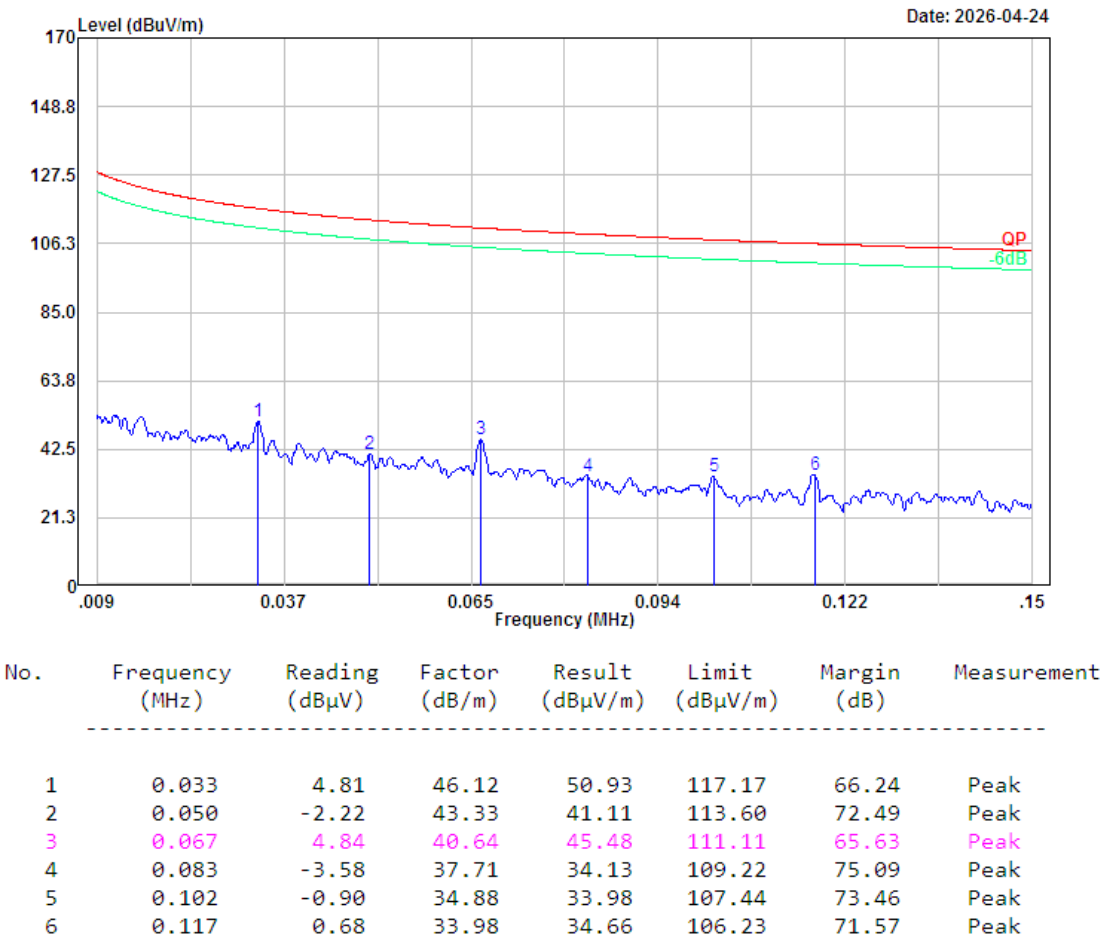
1) 9kHz~30MHz

Three antenna orientations (parallel, perpendicular, and ground-parallel) was measured, the worst orientations was below:

U-NII 5 Band(5925-6425MHz): (802.11ax80 6385MHz was tested)

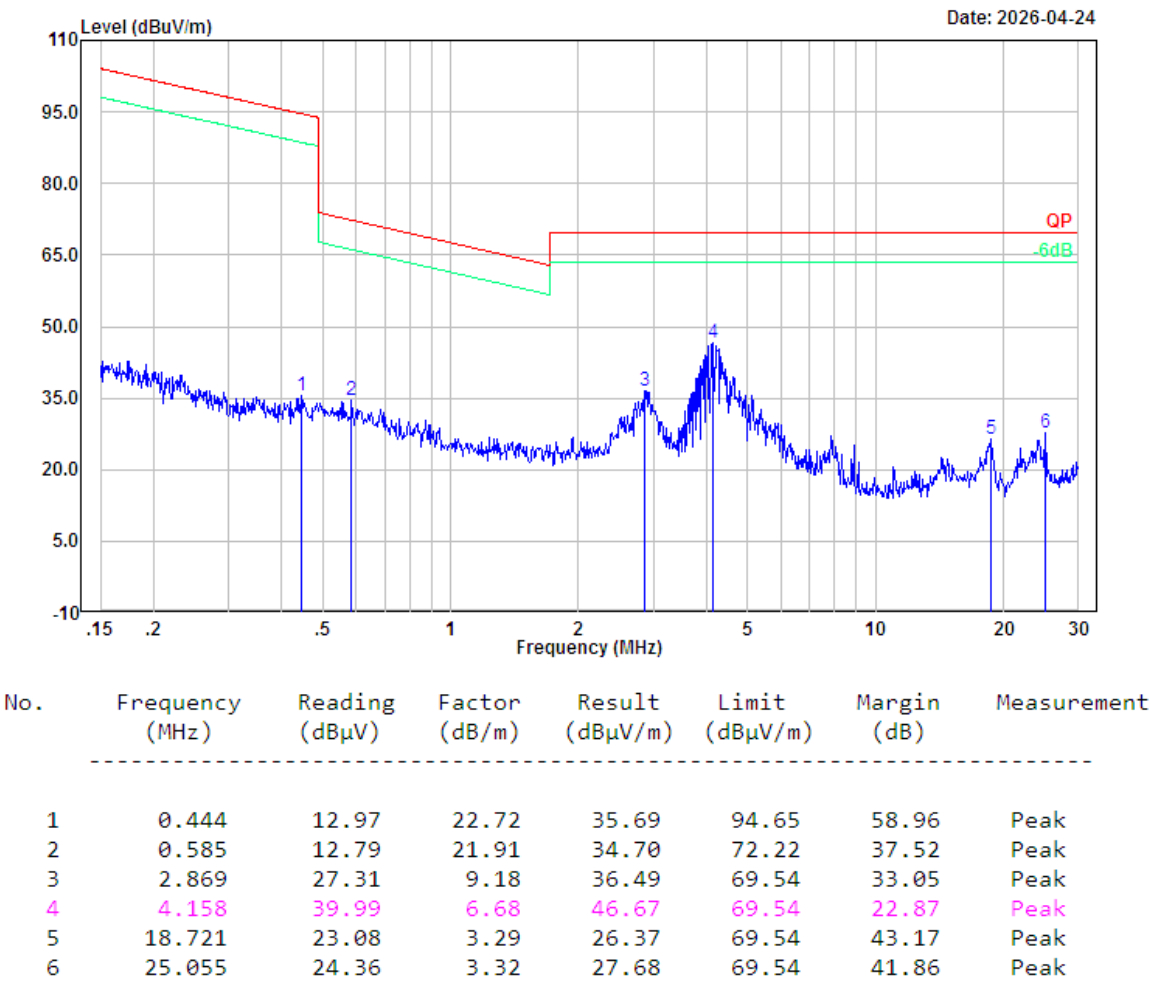
Project No.: 2602P41234E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: U-NII 5
RBW:200Hz,VBW:1kHz

Serial No.: 3FXP-9
Tester: Lancer Zhang



Project No.: 2602P41234E-RF
 Polarization: Parallel
 Test Mode: Transmitting
 Note: U-NII 5
 RBW:9kHz,VBW:30kHz

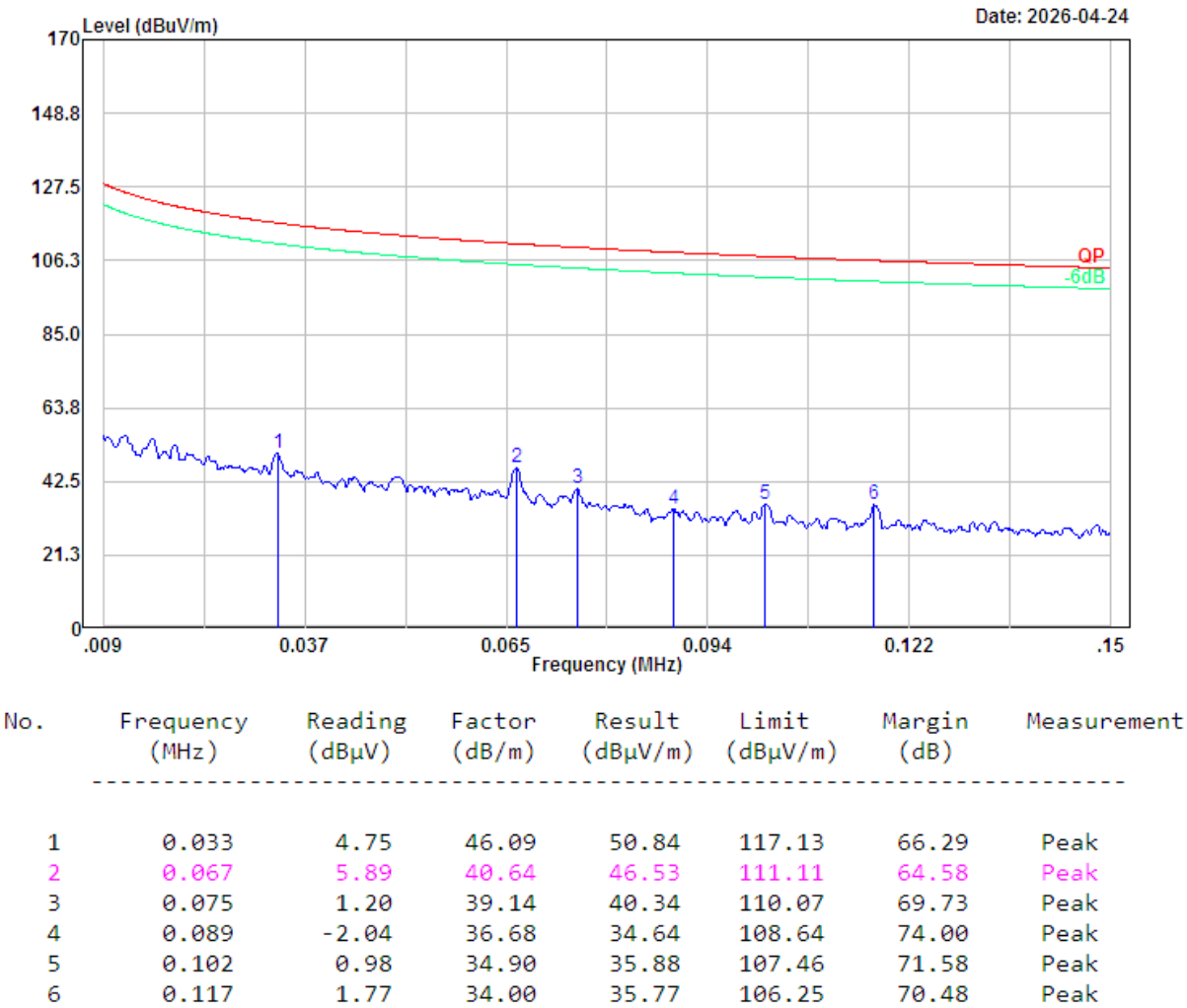
Serial No.: 3FXP-9
 Tester: Lancer Zhang



U-NII 6 Band(6425-6525 MHz): (802.11ax80 6465MHz was tested)

Project No.: 2602P41234E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: U-NII 6
RBW: 200Hz,VBW:1kHz

Serial No.: 3FXP-9
Tester: Lancer Zhang



Project No.: 2602P41234E-RF

Polarization: Parallel

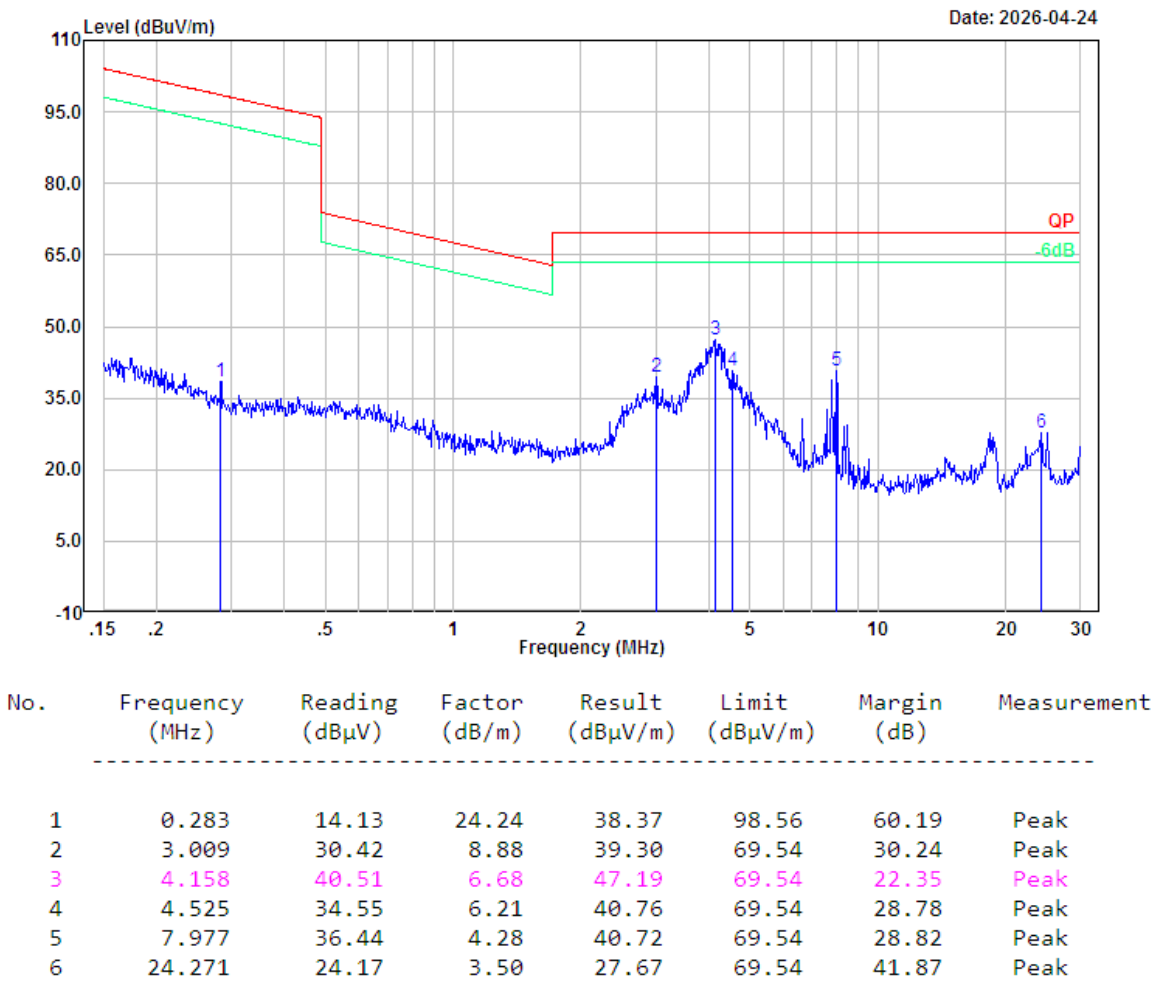
Test Mode: Transmitting

Note: U-NII 6

RBW:9kHz,VBW:30kHz

Serial No.: 3FXP-9

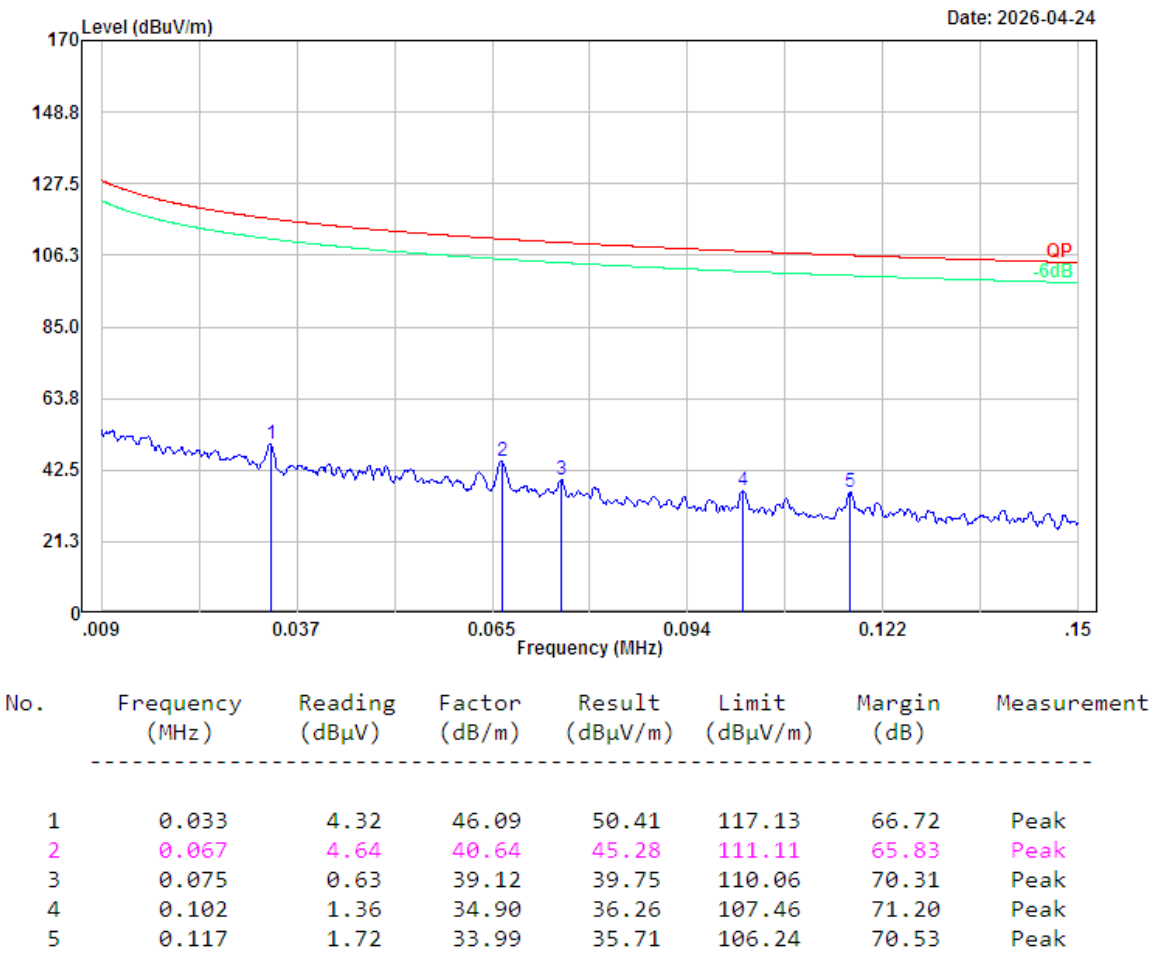
Tester: Lancer Zhang



U-NII 7 Band(6525-6875 MHz): (802.11ax80 6625MHz was tested)

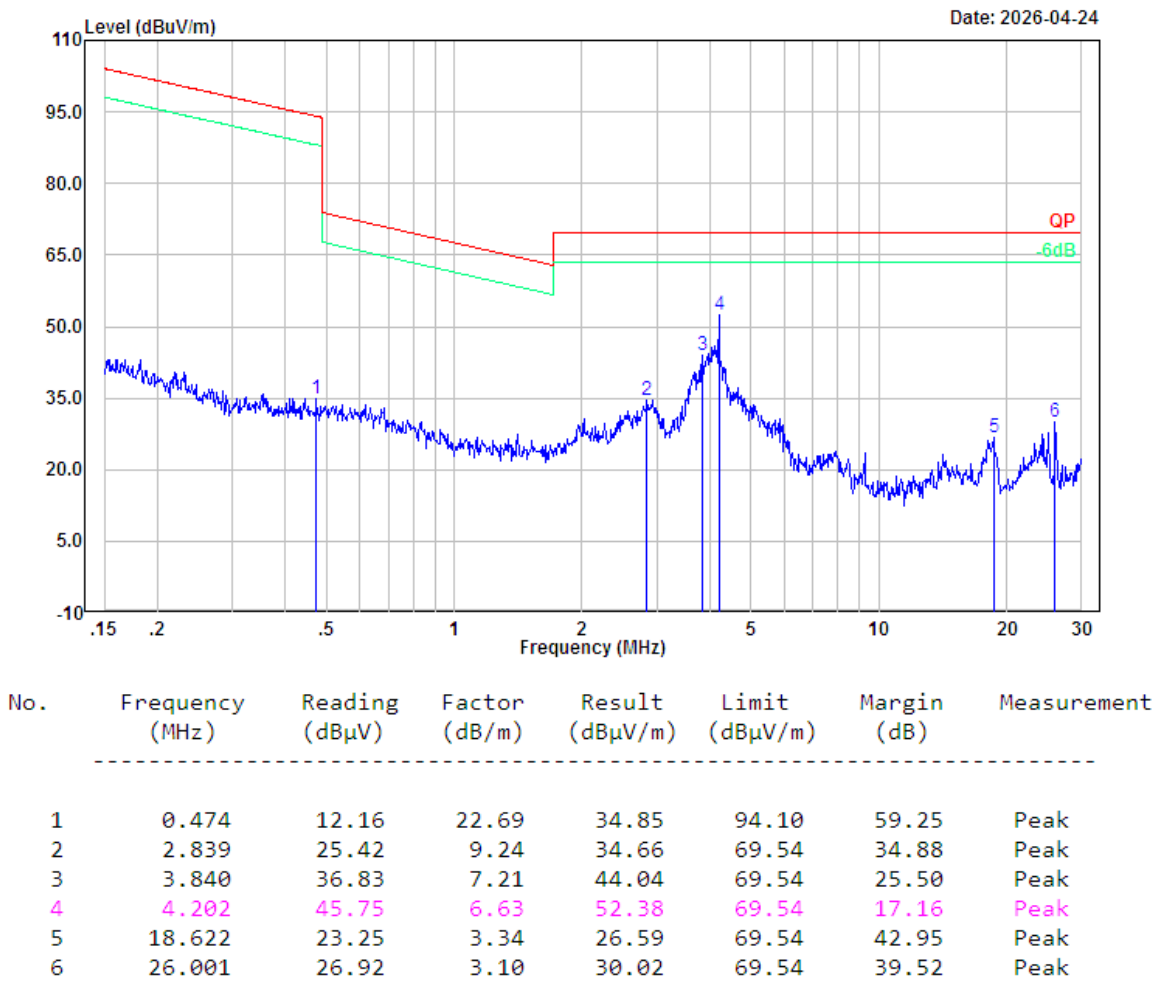
Project No.: 2602P41234E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: U-NII 7
RBW:200Hz,VBW:1kHz

Serial No.: 3FXP-9
Tester: Lancer Zhang



Project No.: 2602P41234E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: U-NII 7
RBW: 9kHz, VBW: 30kHz

Serial No.: 3FXP-9
Tester: Lancer Zhang



U-NII 8 Band(6875-7125 MHz): (802.11ax40 6885MHz was tested)

Project No.: 2602P41234E-RF

Serial No.: 3FXP-9

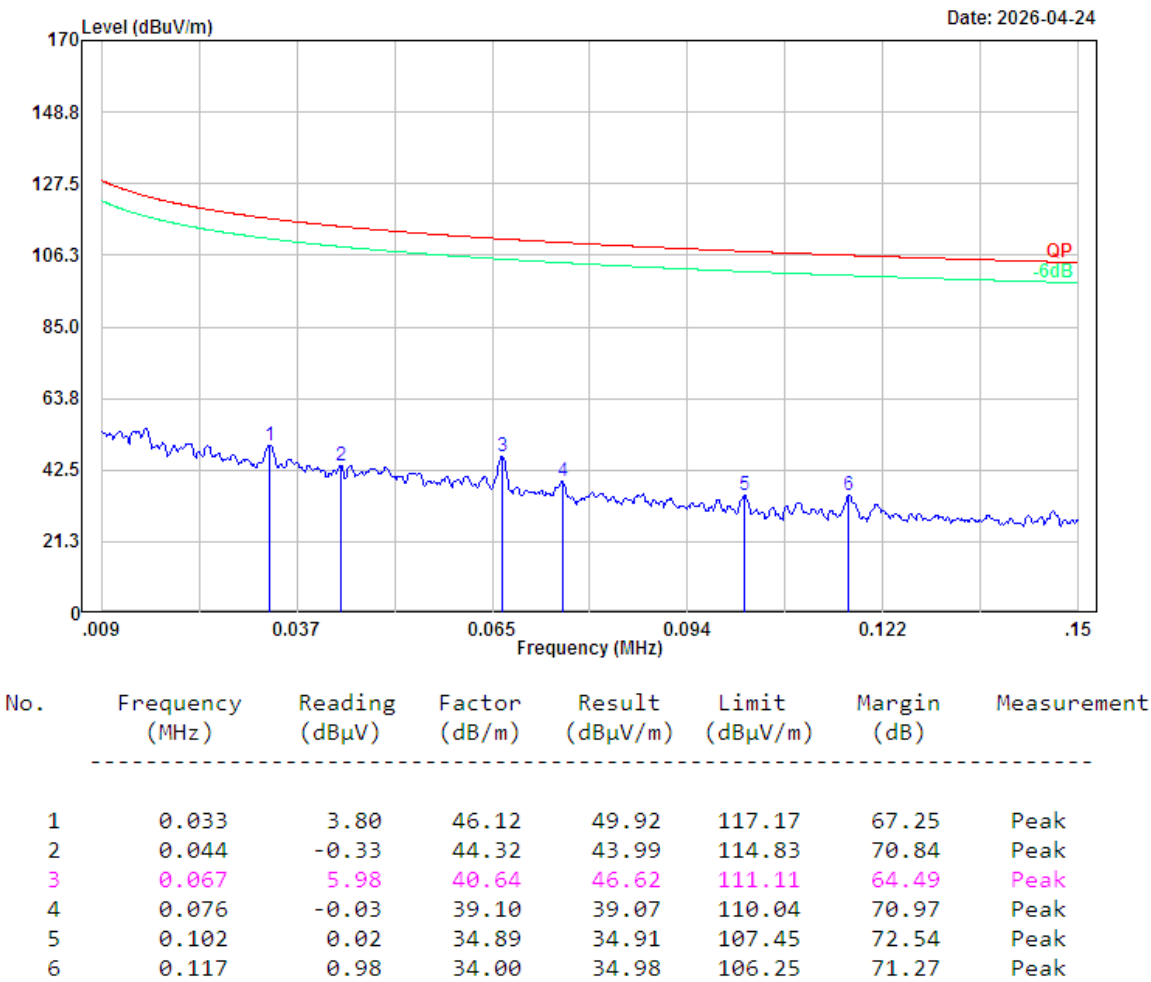
Polarization: Parallel

Tester: Lancer Zhang

Test Mode: Transmitting

Note: U-NII 8

RBW:200Hz,VBW:1kHz



Project No.: 2602P41234E-RF

Serial No.: 3FXP-9

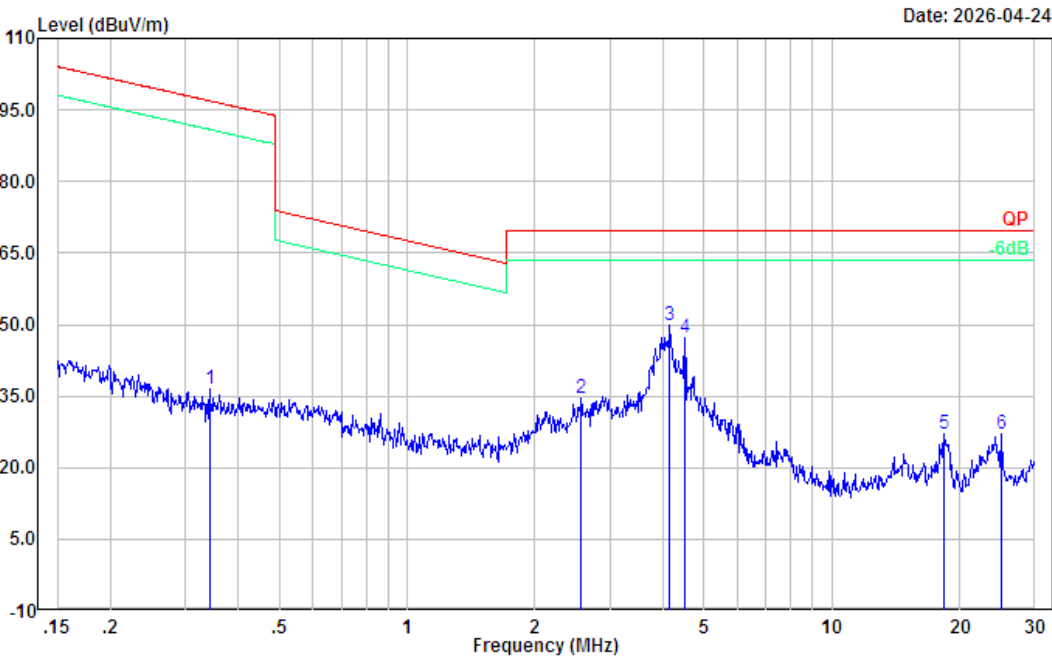
Polarization: Parallel

Tester: Lancer Zhang

Test Mode: Transmitting

Note: U-NII 8

RBW: 9kHz, VBW: 30kHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	0.343	13.38	23.06	36.44	96.90	60.46	Peak
2	2.567	24.81	9.82	34.63	69.54	34.91	Peak
3	4.158	43.10	6.68	49.78	69.54	19.76	Peak
4	4.501	41.05	6.24	47.29	69.54	22.25	Peak
5	18.426	23.75	3.42	27.17	69.54	42.37	Peak
6	25.055	23.77	3.32	27.09	69.54	42.45	Peak

2) 30MHz-1GHz

U-NII 5 Band(5925-6425MHz): (802.11ax80 6385MHz was tested)

Project No.: 2602P41234E-RF

Serial No.: 3FXP-9

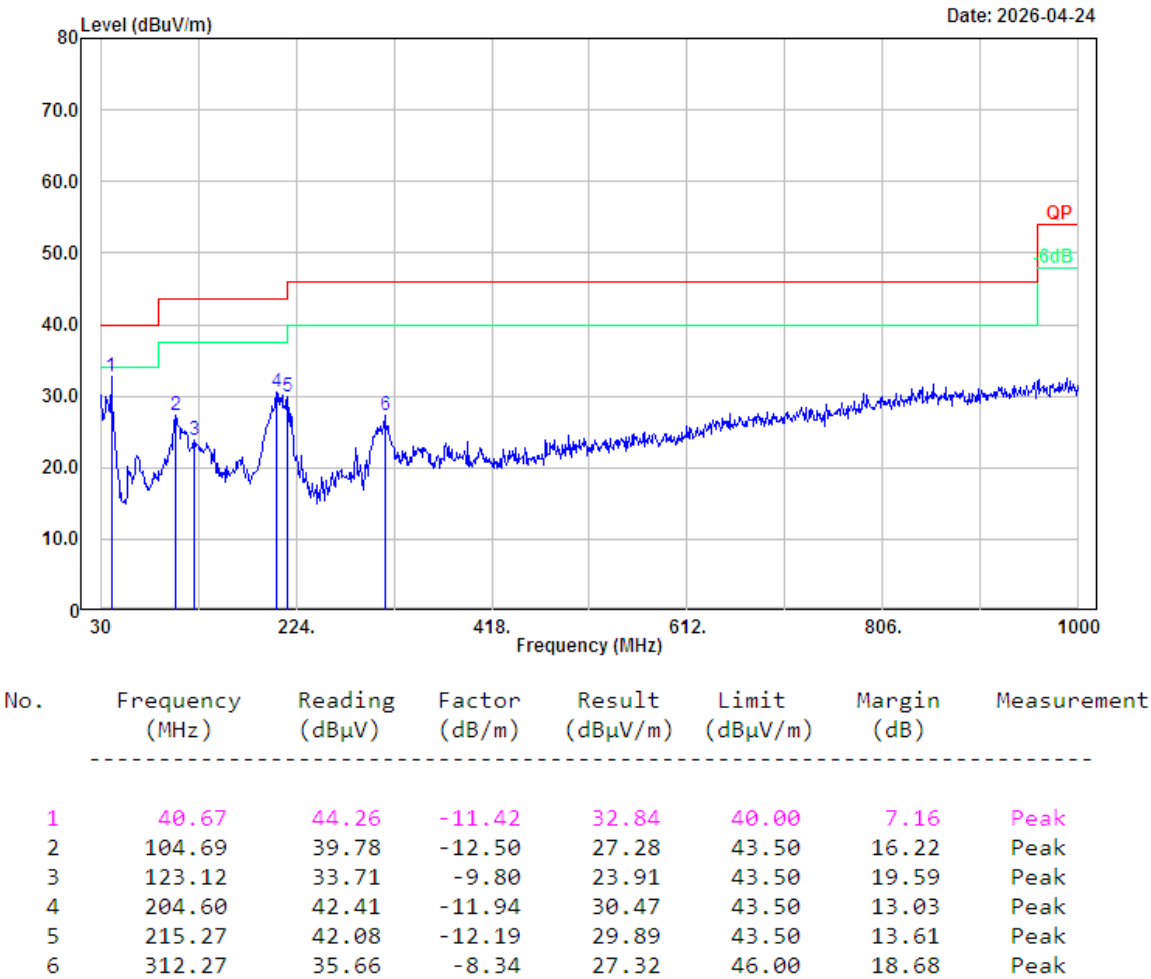
Polarization: Horizontal

Tester: Lancer Zhang

Test Mode: Transmitting

Note: U-NII 5

RBW:120kHz,VBW:500kHz



Project No.: 2602P41234E-RF

Serial No.: 3FXP-9

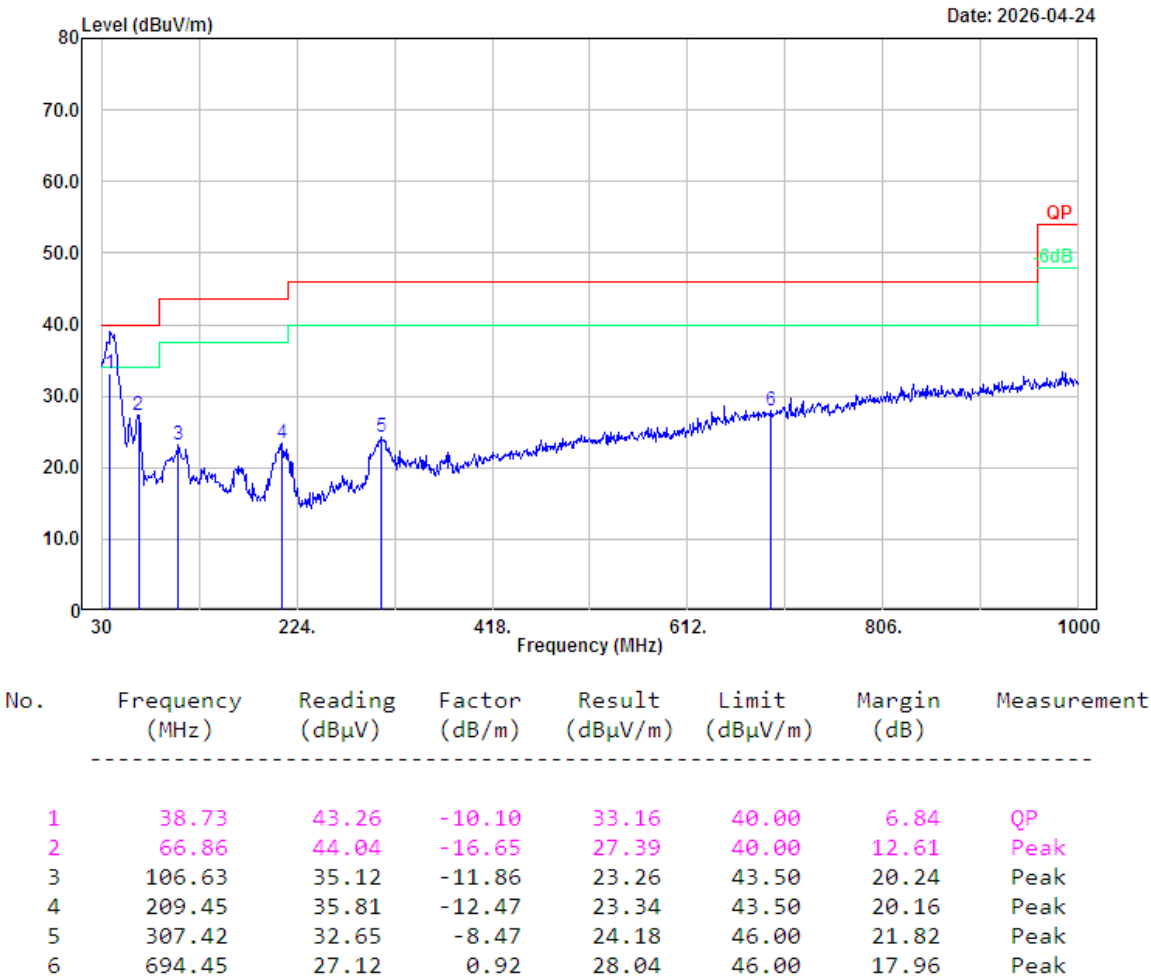
Polarization: Vertical

Tester: Lancer Zhang

Test Mode: Transmitting

Note: U-NII 5

RBW: 120kHz,VBW: 500kHz



U-NII 6 Band(6425-6525 MHz): (802.11ax80 6465MHz was tested)

Project No.: 2602P41234E-RF

Serial No.: 3FXP-9

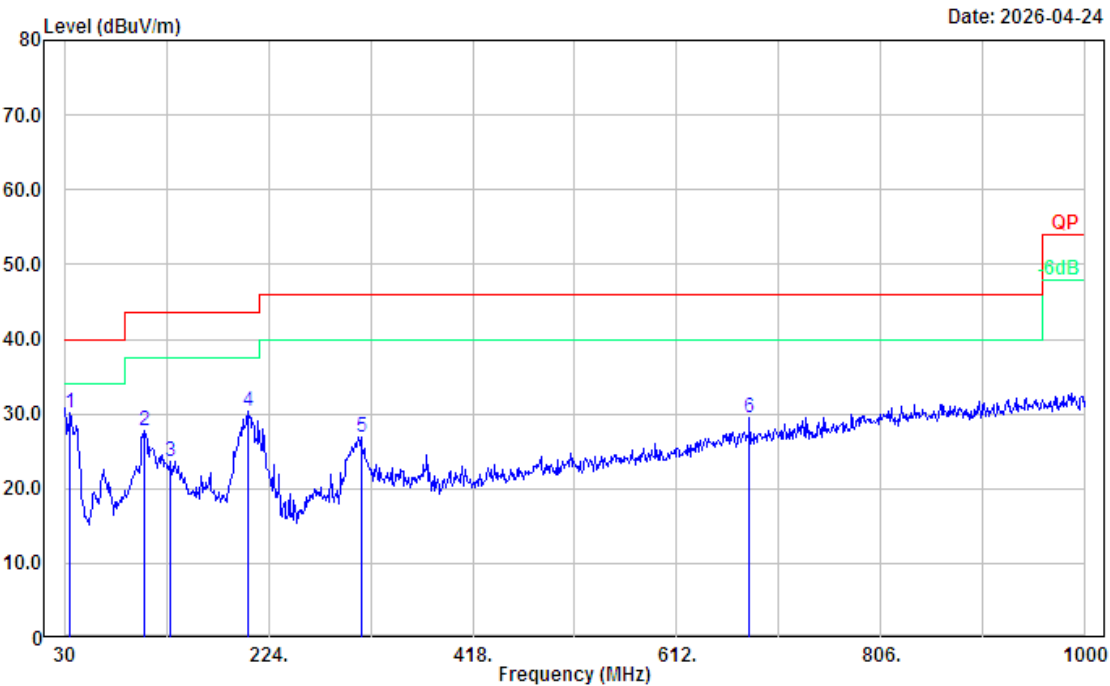
Polarization: Horizontal

Tester: Lancer Zhang

Test Mode: Transmitting

Note: U-NII 6

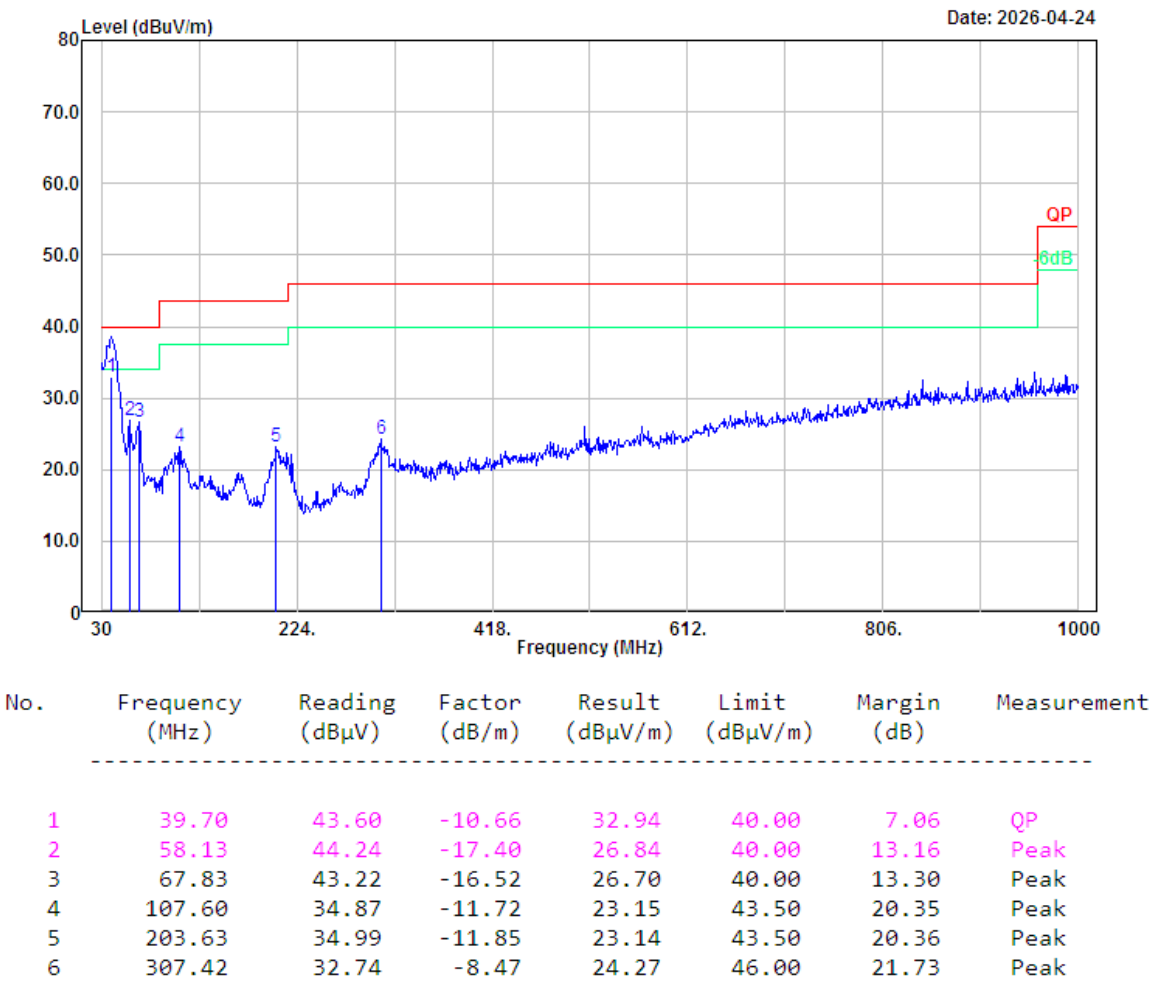
RBW:120kHz,VBW:500kHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	35.82	38.15	-7.91	30.24	40.00	9.76	Peak
2	105.66	39.77	-12.07	27.70	43.50	15.80	Peak
3	130.88	33.56	-9.91	23.65	43.50	19.85	Peak
4	204.60	42.27	-11.94	30.33	43.50	13.17	Peak
5	312.27	35.20	-8.34	26.86	46.00	19.14	Peak
6	680.87	28.82	0.72	29.54	46.00	16.46	Peak

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: U-NII 6
RBW:120kHz,VBW:500kHz

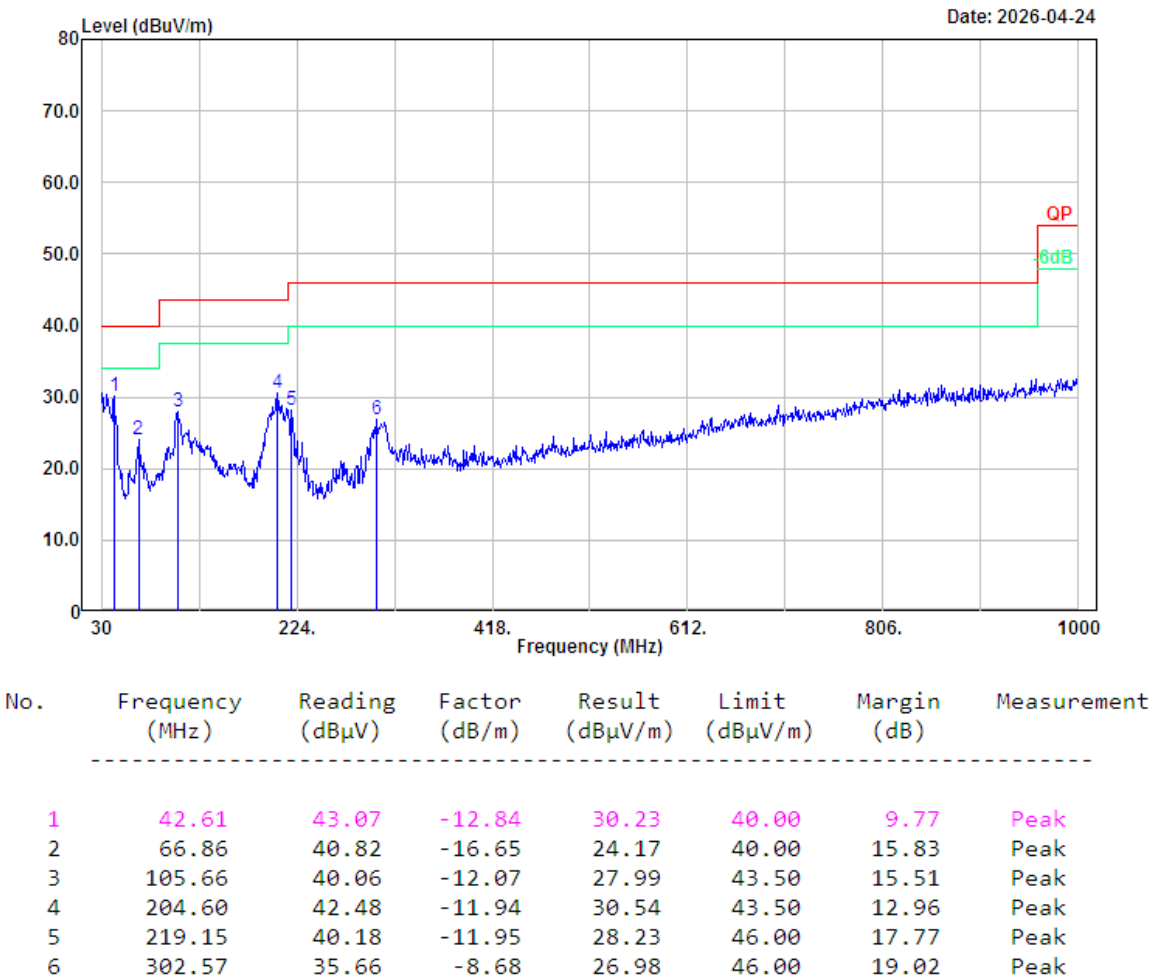
Serial No.: 3FXP-9
Tester: Lancer Zhang



U-NII 7 Band(6525-6875 MHz): (802.11ax80 6625MHz was tested)

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: U-NII 7
RBW:120kHz,VBW:500kHz

Serial No.: 3FXP-9
Tester: Lancer Zhang



Project No.: 2602P41234E-RF

Serial No.: 3FXP-9

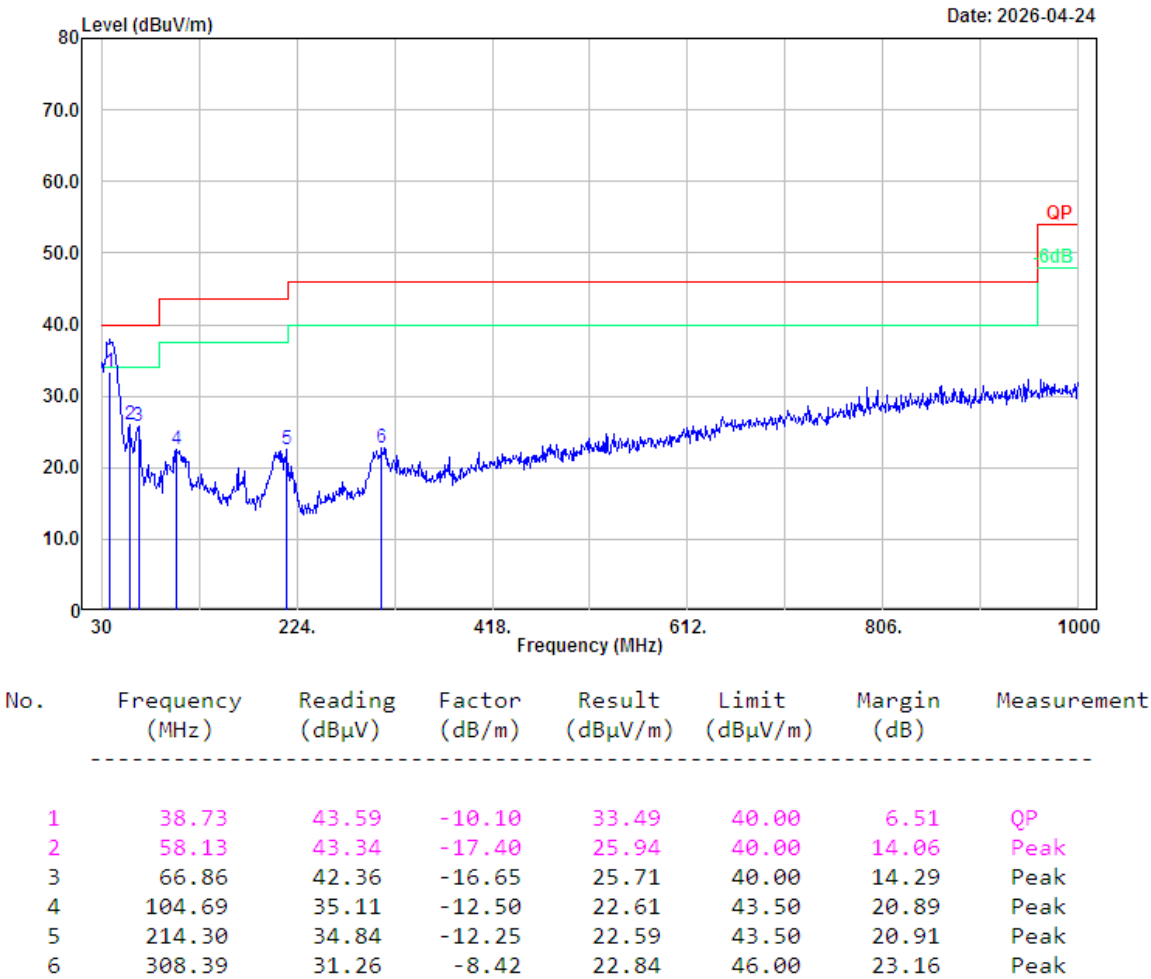
Polarization: Vertical

Tester: Lancer Zhang

Test Mode: Transmitting

Note: U-NII 7

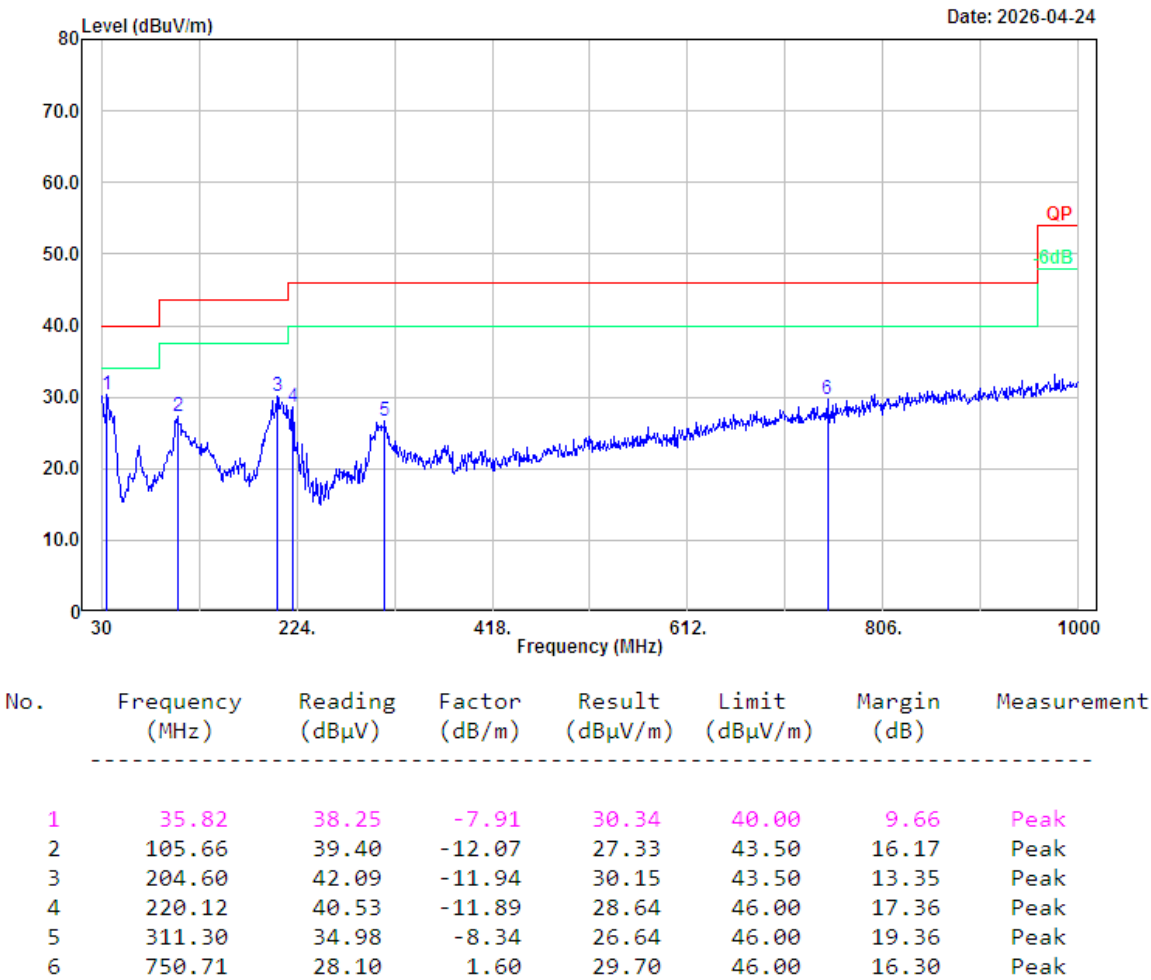
RBW:120kHz,VBW:500kHz



U-NII 8 Band(6875-7125 MHz): (802.11ax40 6885MHz was tested)

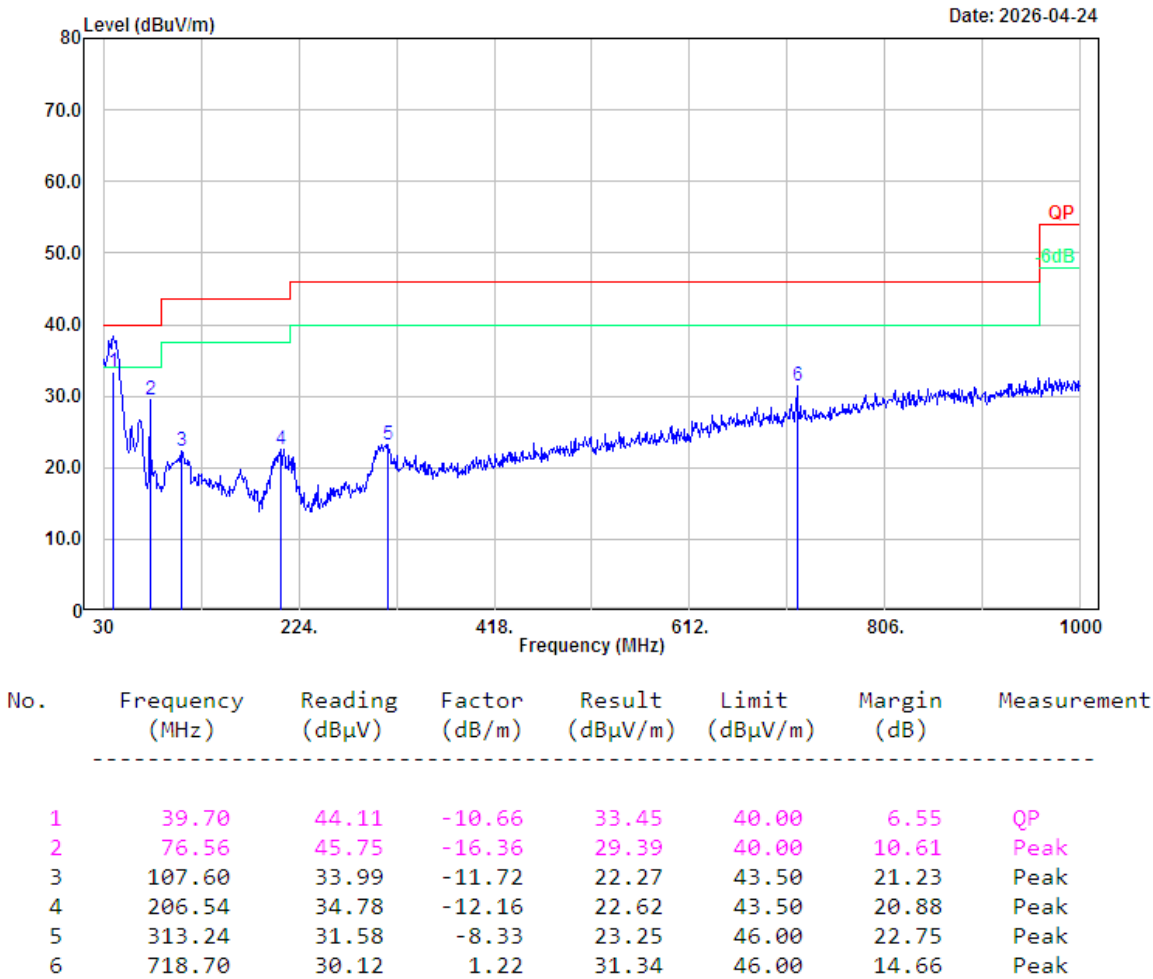
Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: U-NII 8
RBW:120kHz,VBW:500kHz

Serial No.: 3FXP-9
Tester: Lancer Zhang



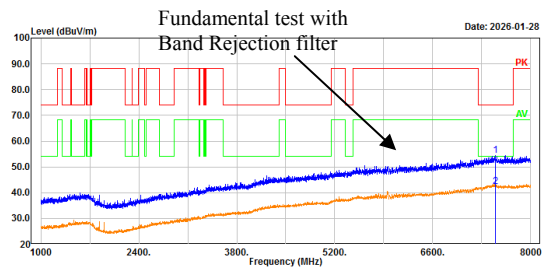
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: U-NII 8
RBW:120kHz,VBW:500kHz

Serial No.: 3FXP-9
Tester: Lancer Zhang



**3) 1-18GHz:
U-NII 5****802.11ax20, Low Channel, Horizontal**

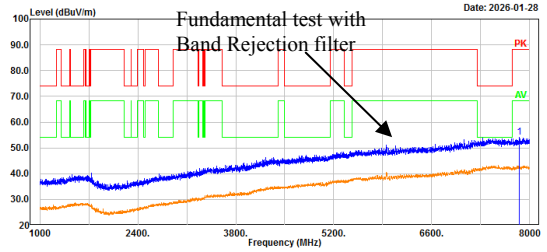
Project No.: 2602P41234E-RF Serial No.: 3FXP-9
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 Low Channel 5955MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7498.80	50.46	3.89	54.35	74.00	19.65	Peak
2	7498.80	38.37	3.89	42.26	54.00	11.74	Average

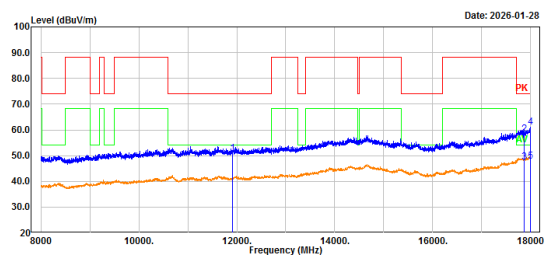
802.11ax20, Low Channel, Vertical

Project No.: 2602P41234E-RF Serial No.: 3FXP-9
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 Low Channel 5955MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



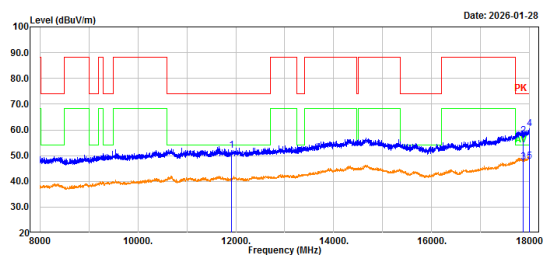
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7847.40	49.97	4.02	53.99	88.20	34.21	Peak

Project No.: 2602P41234E-RF Serial No.: 3FXP-9
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 Low Channel 5955MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11910.00	47.42	3.42	50.84	74.00	23.16	Peak
2	17865.00	48.21	10.01	58.22	74.00	15.78	Peak
3	17865.00	37.45	10.01	47.46	54.00	6.54	Average
4	17992.00	50.06	11.06	61.12	74.00	12.88	Peak
5	17992.00	36.67	11.06	47.73	54.00	6.27	Average

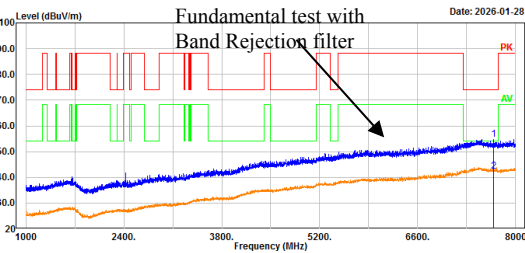
Project No.: 2602P41234E-RF Serial No.: 3FXP-9
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 Low Channel 5955MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11910.00	48.53	3.42	51.95	74.00	22.05	Peak
2	17865.00	47.75	10.01	57.76	74.00	16.24	Peak
3	17865.00	37.49	10.01	47.50	54.00	6.50	Average
4	17996.00	49.36	11.08	60.44	74.00	13.56	Peak
5	17996.00	36.74	11.08	47.82	54.00	6.18	Average

802.11ax20,Middle Channel, Horizontal

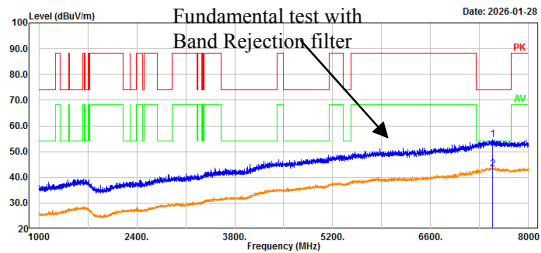
Project No.: 2602P41234E-RF
Serial No.: 3FXP-9
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 middle Channel 6175MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7680.80	50.97	3.73	54.70	74.00	19.30	Peak
2	7680.80	38.70	3.73	42.43	54.00	11.57	Average

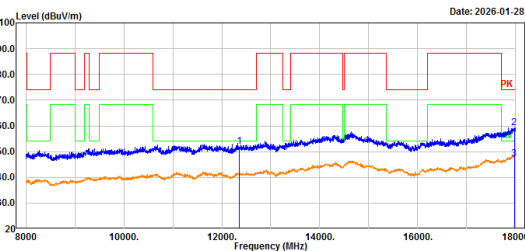
802.11ax20, Middle Channel, Vertical

Project No.: 2602P41234E-RF
Serial No.: 3FXP-9
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 middle Channel 6175MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



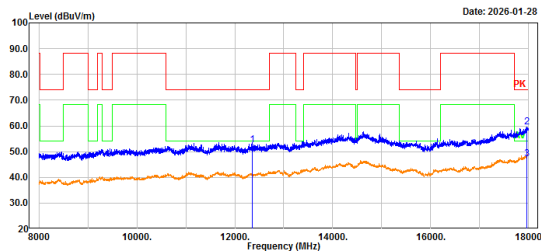
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7483.40	50.82	3.91	54.73	74.00	19.27	Peak
2	7483.40	39.47	3.91	43.38	54.00	10.62	Average

Project No.: 2602P41234E-RF
Serial No.: 3FXP-9
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 middle Channel 6175MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



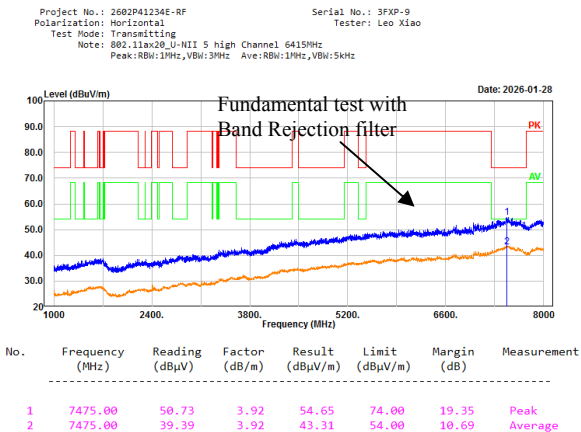
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12350.00	48.19	3.68	51.87	74.00	22.13	Peak
2	17970.10	48.41	10.93	59.34	74.00	14.66	Peak
3	17970.10	36.37	10.93	47.30	54.00	6.70	Average

Project No.: 2602P41234E-RF
Serial No.: 3FXP-9
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 middle Channel 6175MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

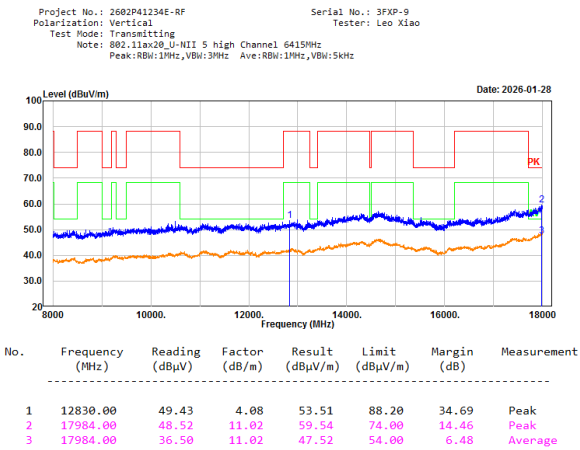
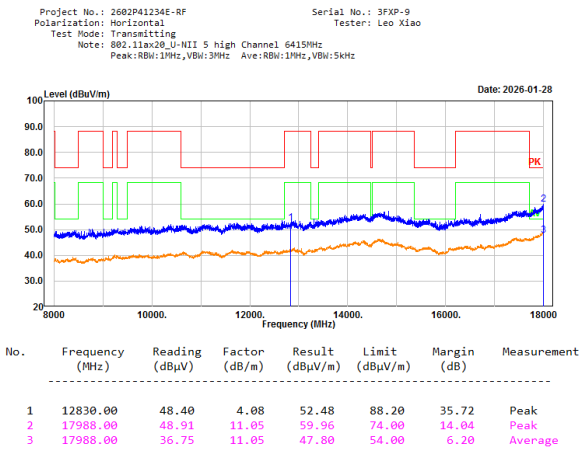
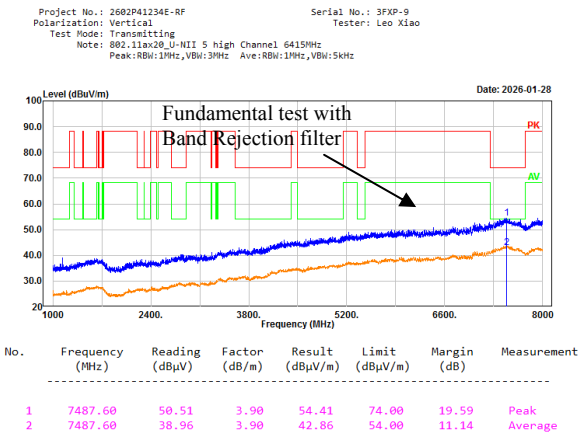


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12350.00	48.86	3.68	52.54	74.00	21.46	Peak
2	17968.00	48.53	10.93	59.46	74.00	14.54	Peak
3	17968.00	36.24	10.93	47.17	54.00	6.83	Average

802.11ax20,High Channel, Horizontal



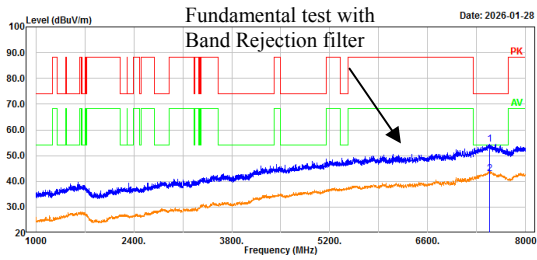
802.11ax20, High Channel, Vertical



802.11ax40, Low Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 5 Low Channel 5965MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

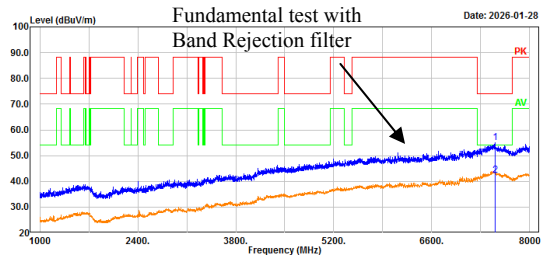


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7482.00	50.48	3.92	54.40	74.00	19.60	Peak
2	7482.00	39.06	3.92	42.98	54.00	11.02	Average

802.11ax40, Low Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 5 Low Channel 5965MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

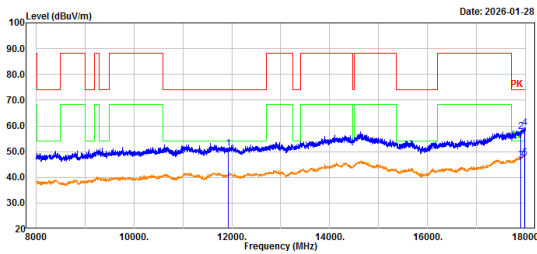
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7510.00	51.19	3.82	55.01	74.00	18.99	Peak
2	7510.00	38.63	3.82	42.45	54.00	11.55	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 5 Low Channel 5965MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

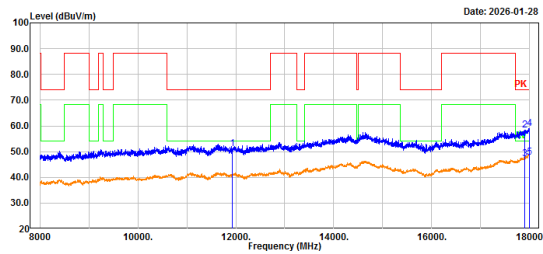
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11930.00	47.82	3.41	51.23	74.00	22.77	Peak
2	17895.00	47.59	10.29	57.88	74.00	16.12	Peak
3	17895.00	36.40	10.29	46.69	54.00	7.31	Average
4	17974.00	48.29	10.96	59.25	74.00	14.75	Peak
5	17974.00	36.46	10.96	47.42	54.00	6.58	Average

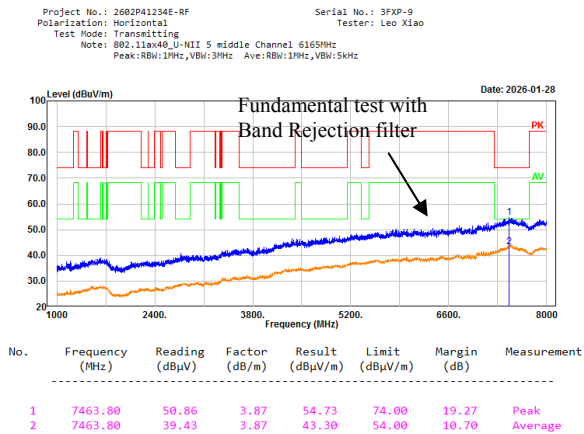
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 5 Low Channel 5965MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

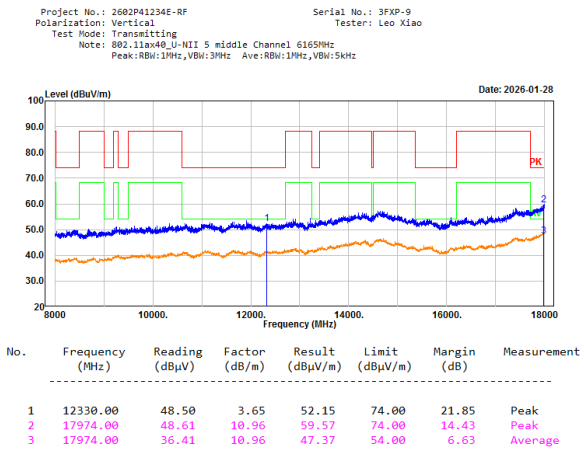
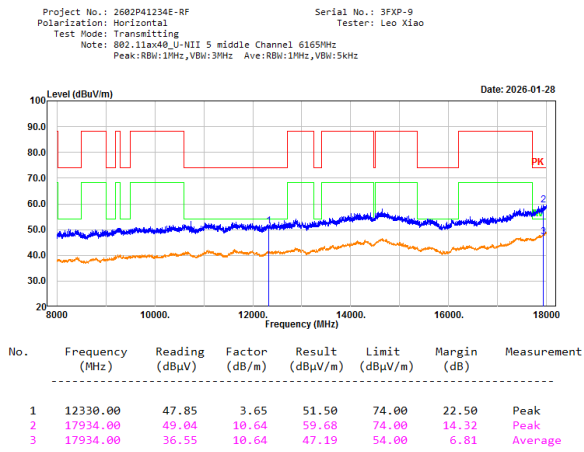
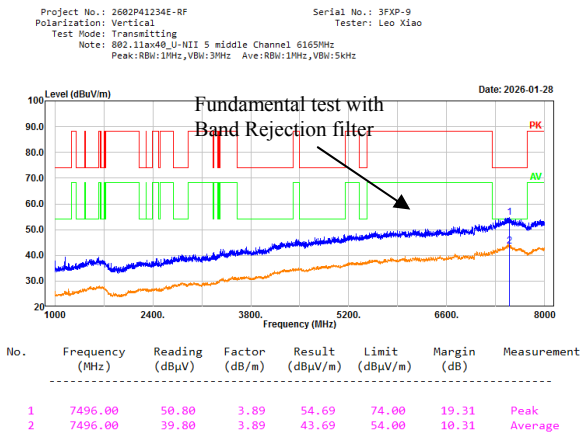


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11930.00	47.74	3.41	51.15	74.00	22.85	Peak
2	17895.00	48.10	10.29	58.39	74.00	15.61	Peak
3	17895.00	36.75	10.29	47.04	54.00	6.96	Average
4	17992.00	47.98	11.06	59.04	74.00	14.96	Peak
5	17992.00	36.76	11.06	47.82	54.00	6.18	Average

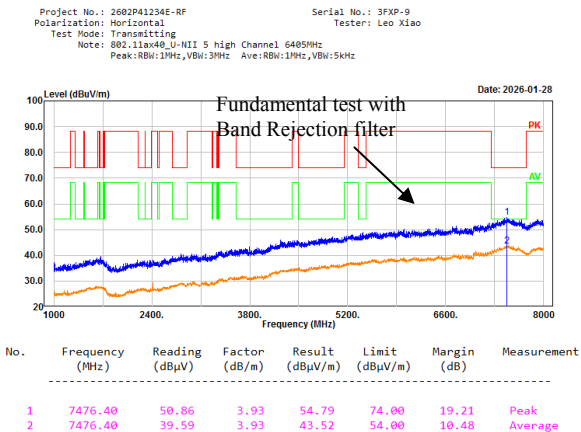
802.11ax40, Middle Channel, Horizontal



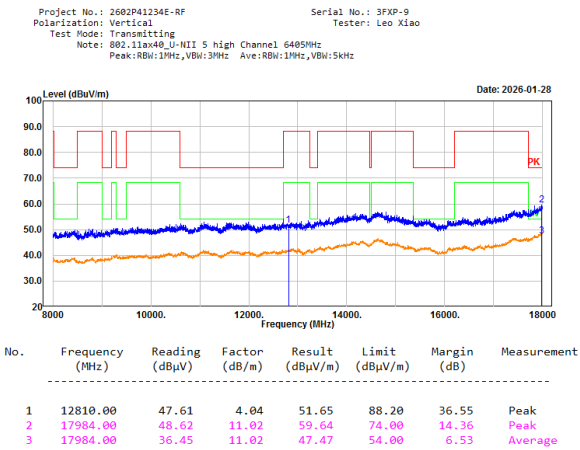
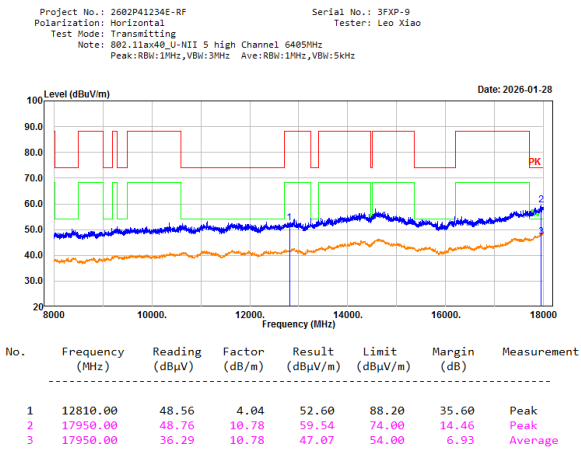
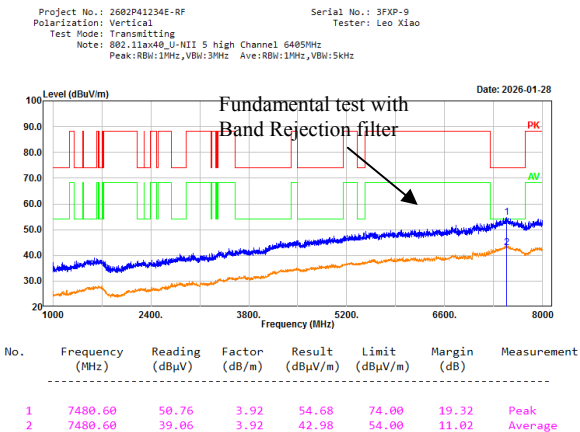
802.11ax40, Middle Channel, Vertical



802.11ax40,High Channel, Horizontal



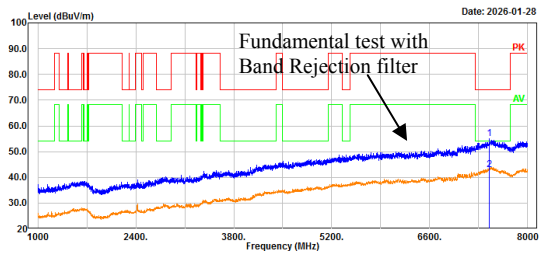
802.11ax40, High Channel, Vertical



802.11ax80, Low Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 Low Channel 5985MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

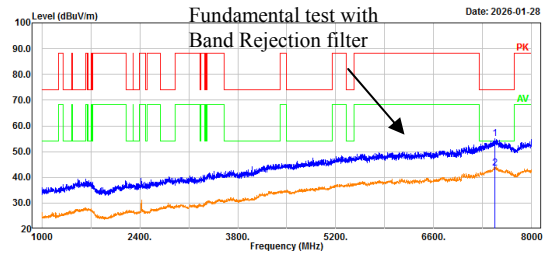


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7452.60	51.07	3.82	54.89	74.00	19.11	Peak
2	7452.60	39.04	3.82	42.86	54.00	11.14	Average

802.11ax80, Low Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 Low Channel 5985MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

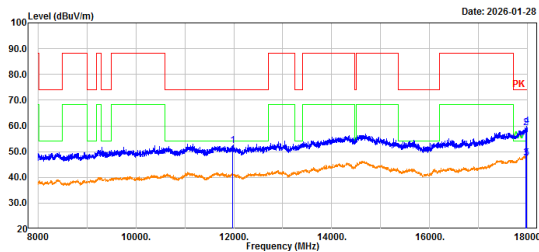
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7477.80	50.94	3.93	54.87	74.00	19.13	Peak
2	7477.80	39.48	3.93	43.41	54.00	10.59	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 Low Channel 5985MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

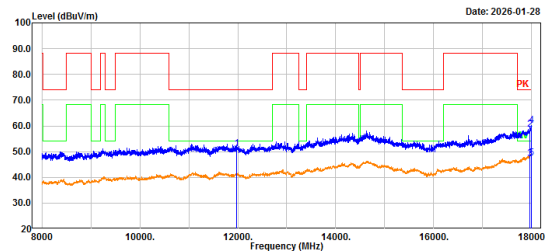
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11970.00	48.91	3.46	52.37	74.00	21.63	Peak
2	17955.00	48.29	10.83	59.12	74.00	14.88	Peak
3	17955.00	36.58	10.83	47.41	54.00	6.59	Average
4	17976.00	48.77	10.96	59.73	74.00	14.27	Peak
5	17976.00	36.64	10.96	47.60	54.00	6.40	Average

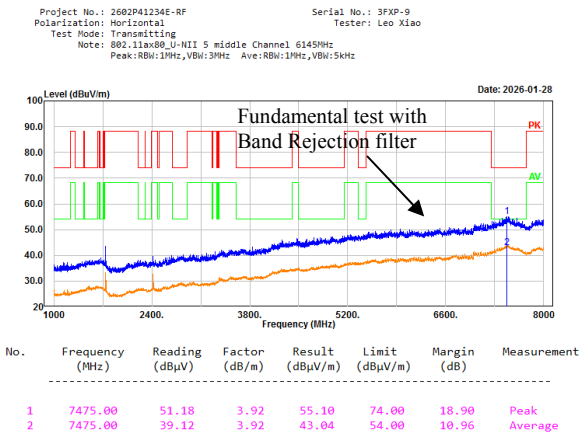
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 Low Channel 5985MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

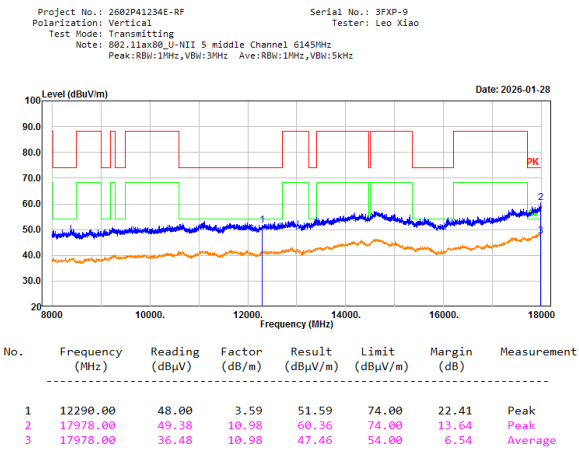
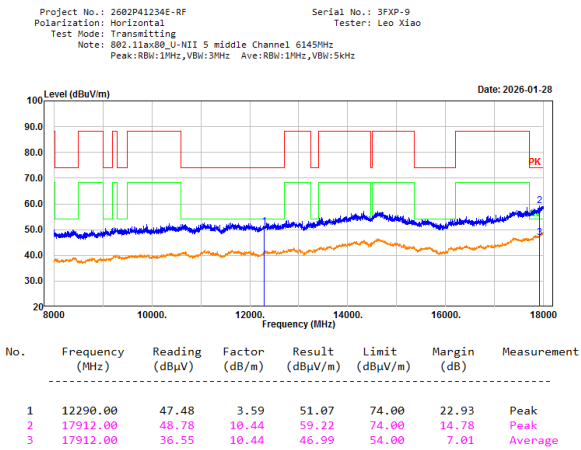
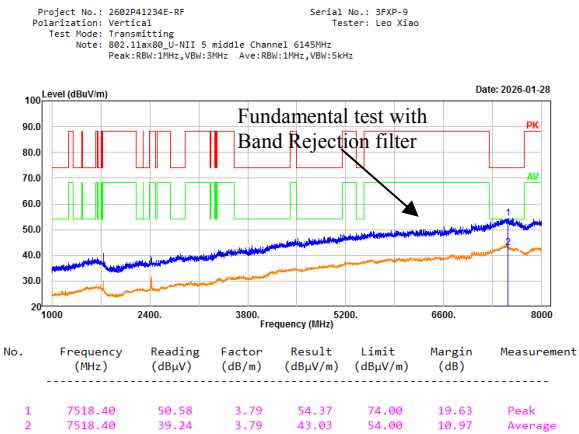


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11970.00	47.65	3.46	51.11	74.00	22.89	Peak
2	17955.00	47.83	10.83	58.66	74.00	15.34	Peak
3	17955.00	36.37	10.83	47.20	54.00	6.80	Average
4	17988.00	48.98	11.05	60.03	74.00	13.97	Peak
5	17988.00	36.39	11.05	47.44	54.00	6.56	Average

802.11ax80,Middle Channel, Horizontal



802.11ax80, Middle Channel, Vertical



802.11ax80,High Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 high Channel 6385MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

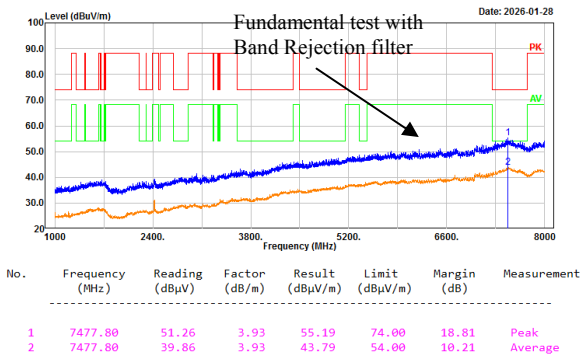
Serial No.: 3FXP-9
Tester: Leo Xiao



802.11ax80, High Channel, Vertical

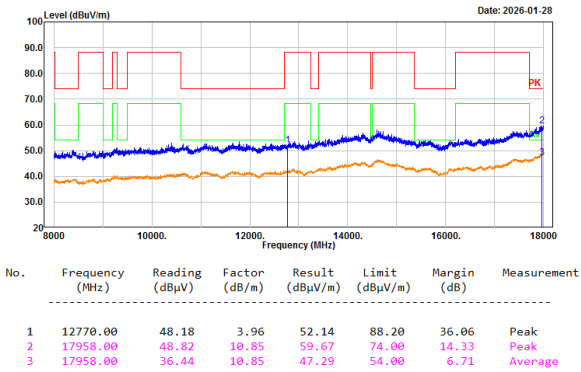
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 high Channel 6385MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



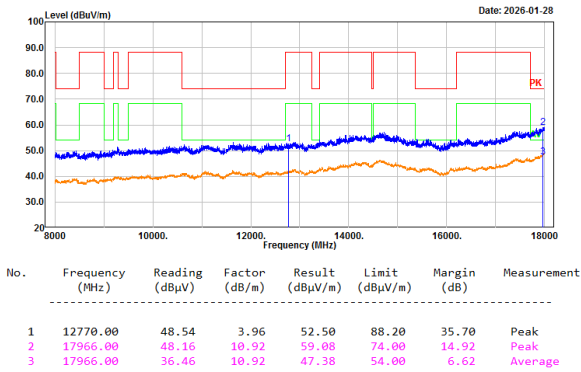
Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 high Channel 6385MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 high Channel 6385MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



U-NII 6

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 6 Low Channel 6435MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-28

Fundamental test with
Band Rejection filter

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7441.40	58.83	3.78	54.61	74.00	19.39	Peak
2	7441.40	39.25	3.78	43.03	54.00	10.97	Average

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 6 Low Channel 6435MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-28

Fundamental test with
Band Rejection filter

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7468.00	58.64	3.88	54.52	74.00	19.48	Peak
2	7468.00	39.74	3.88	43.62	54.00	10.38	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 6 Low Channel 6435MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-28

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12870.00	48.12	4.19	52.31	88.20	35.89	Peak
2	17976.00	48.08	10.96	59.04	74.00	14.96	Peak
3	17976.00	36.72	10.96	47.68	54.00	6.32	Average

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 6 Low Channel 6435MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

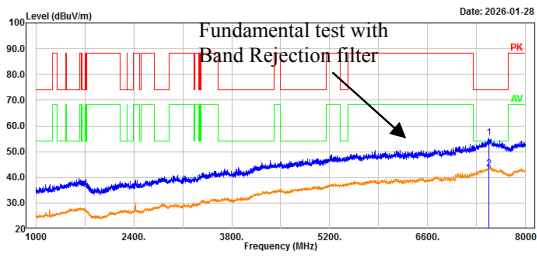
Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-28

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12870.00	48.39	4.19	52.58	88.20	35.62	Peak
2	17924.00	48.80	10.54	59.34	74.00	14.66	Peak
3	17924.00	36.66	10.54	47.20	54.00	6.80	Average

802.11ax20,Middle Channel, Horizontal

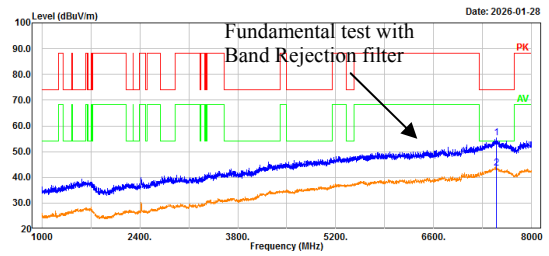
Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Horizontal
 Test Mode: Transmitting
 Note: 802.11ax20_U-NII 6 middle Channel 6475MHz
 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7472.20	51.36	3.90	55.26	74.00	18.74	Peak
2	7472.20	39.31	3.90	43.21	54.00	10.79	Average

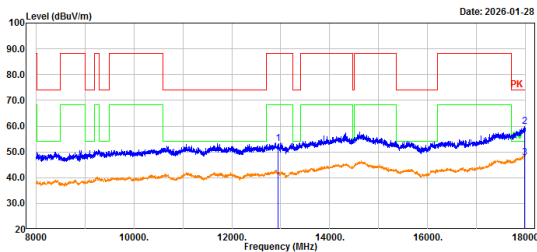
802.11ax20, Middle Channel, Vertical

Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Vertical
 Test Mode: Transmitting
 Note: 802.11ax20_U-NII 6 middle Channel 6475MHz
 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



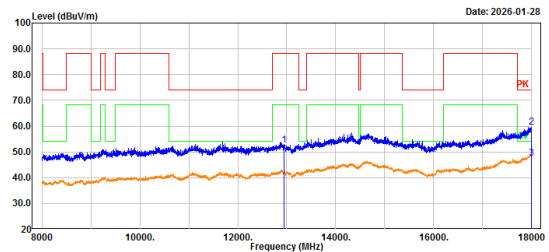
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7490.40	51.45	3.89	55.34	74.00	18.66	Peak
2	7490.40	39.58	3.89	43.47	54.00	10.53	Average

Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Horizontal
 Test Mode: Transmitting
 Note: 802.11ax20_U-NII 6 middle Channel 6475MHz
 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



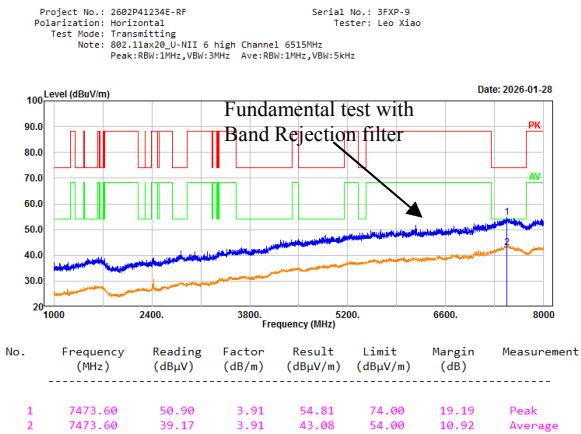
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12950.00	48.74	4.43	53.17	88.20	35.03	Peak
2	17972.00	48.76	10.95	59.71	74.00	14.29	Peak
3	17972.00	36.73	10.95	47.68	54.00	6.32	Average

Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Vertical
 Test Mode: Transmitting
 Note: 802.11ax20_U-NII 6 middle Channel 6475MHz
 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

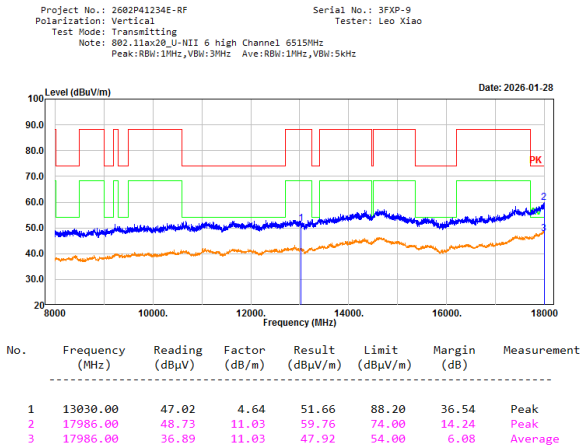
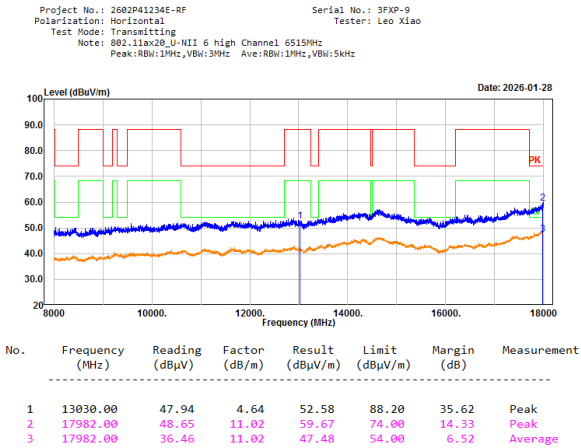
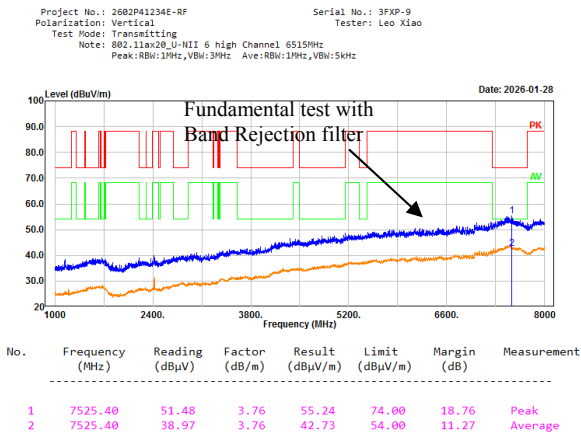


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12950.00	48.27	4.43	52.70	88.20	35.50	Peak
2	17996.00	48.53	11.08	59.61	74.00	14.39	Peak
3	17996.00	36.30	11.08	47.38	54.00	6.62	Average

802.11ax20,High Channel, Horizontal

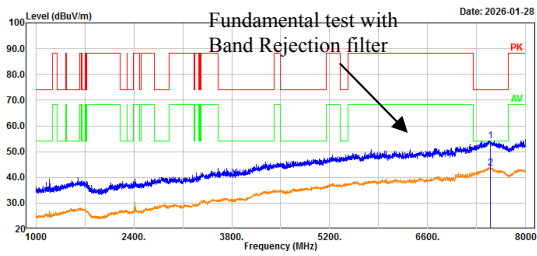


802.11ax20, High Channel, Vertical



802.11ax40, Low Channel, Horizontal

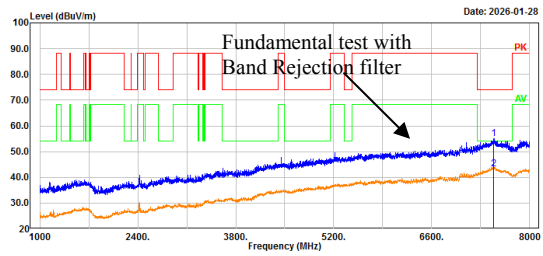
Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Horizontal
 Test Mode: Transmitting
 Note: 802.11ax40_U-NII 6 Low Channel 6445MHz
 Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7493.20	50.33	3.90	54.23	74.00	19.77	Peak
2	7493.20	39.69	3.90	43.59	54.00	10.41	Average

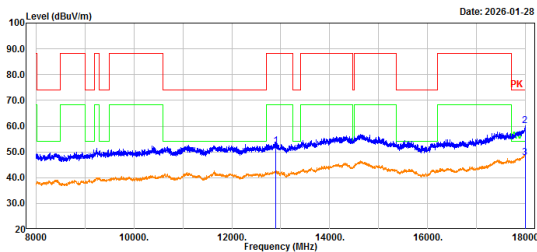
802.11ax40, Low Channel, Vertical

Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Vertical
 Test Mode: Transmitting
 Note: 802.11ax40_U-NII 6 Low Channel 6445MHz
 Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz



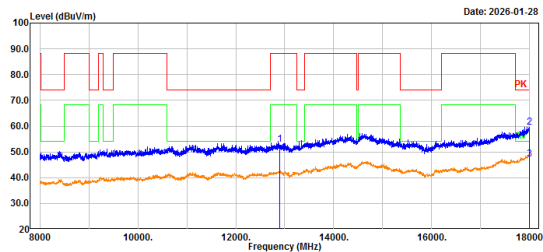
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7483.40	51.03	3.91	54.94	74.00	19.06	Peak
2	7483.40	39.20	3.91	43.11	54.00	10.89	Average

Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Horizontal
 Test Mode: Transmitting
 Note: 802.11ax40_U-NII 6 Low Channel 6445MHz
 Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12890.00	47.91	4.25	52.16	88.20	36.04	Peak
2	17986.00	49.18	11.03	60.21	74.00	13.79	Peak
3	17986.00	36.76	11.03	47.79	54.00	6.21	Average

Project No.: 2602P41234E-RF
 Serial No.: 3FXP-9
 Polarization: Vertical
 Test Mode: Transmitting
 Note: 802.11ax40_U-NII 6 Low Channel 6445MHz
 Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

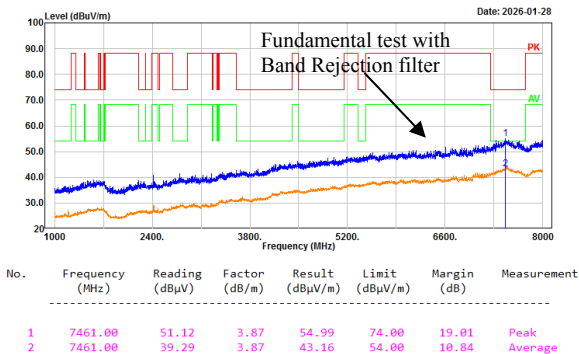


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	12890.00	48.73	4.25	52.98	88.20	35.22	Peak
2	17992.00	48.63	11.06	59.69	74.00	14.31	Peak
3	17992.00	36.25	11.06	47.31	54.00	6.69	Average

802.11ax40, High Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 6 high Channel 6485MHz
Peak: RBW:1MHz, VBN:3MHz Ave: RBW:1MHz, VBN:5kHz

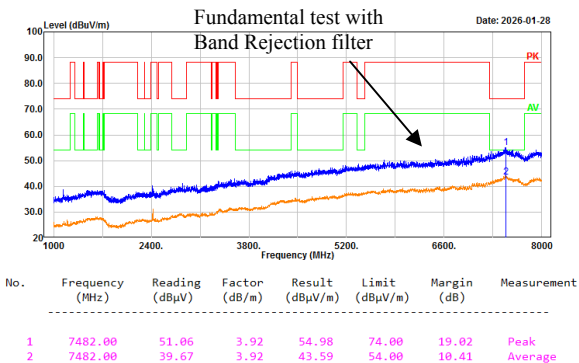
Serial No.: 3FXP-9
Tester: Leo Xiao



802.11ax40, High Channel, Vertical

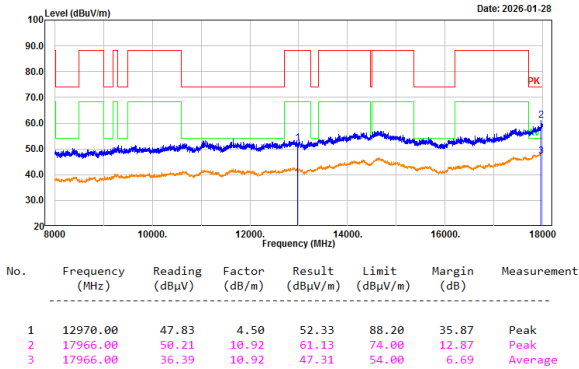
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 6 high Channel 6485MHz
Peak: RBW:1MHz, VBN:3MHz Ave: RBW:1MHz, VBN:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



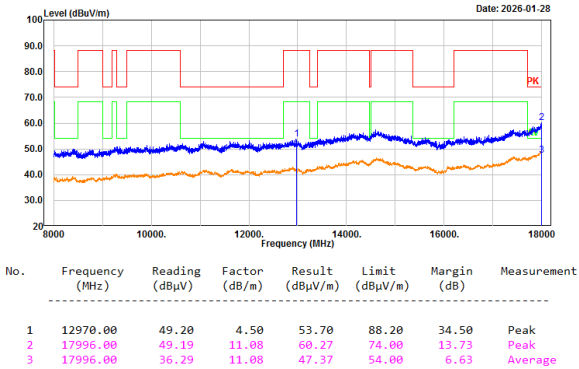
Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 6 high Channel 6485MHz
Peak: RBW:1MHz, VBN:3MHz Ave: RBW:1MHz, VBN:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

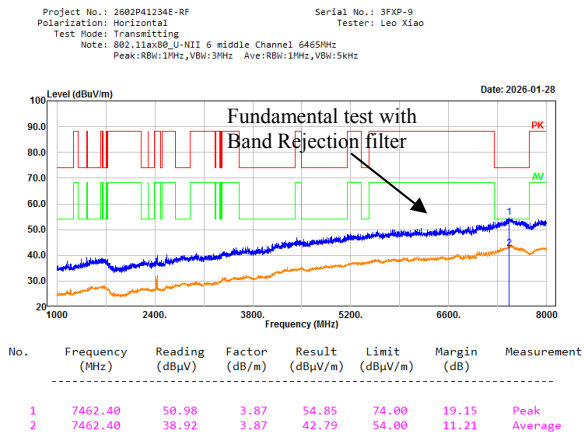


Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 6 high Channel 6485MHz
Peak: RBW:1MHz, VBN:3MHz Ave: RBW:1MHz, VBN:5kHz

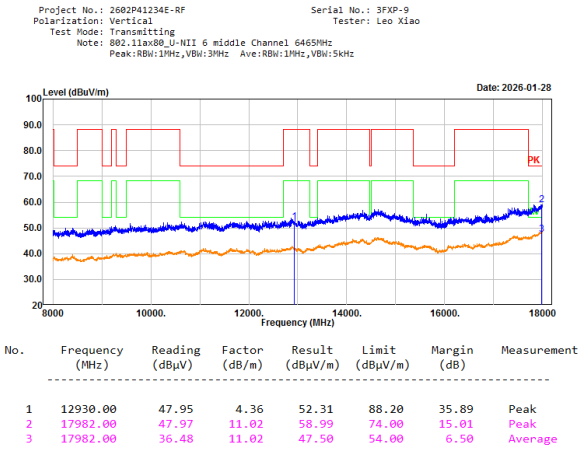
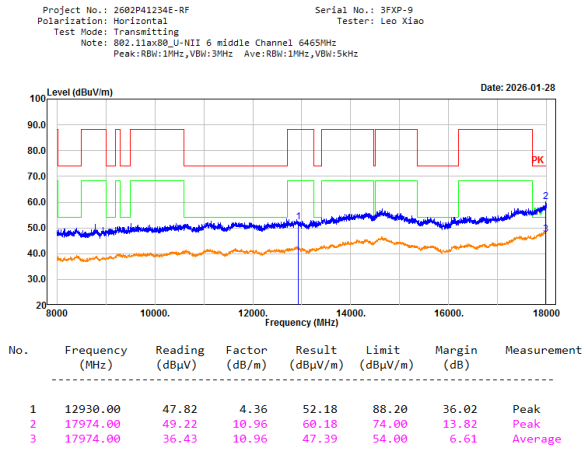
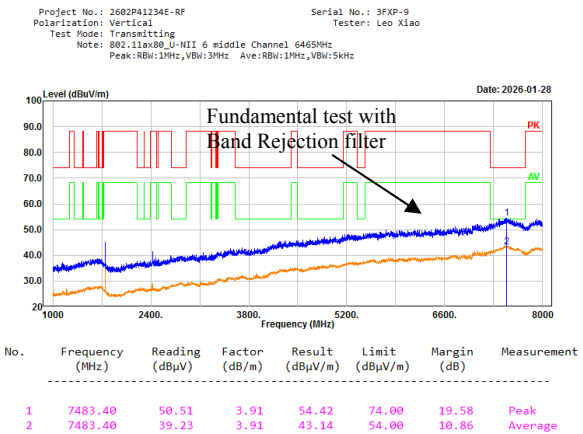
Serial No.: 3FXP-9
Tester: Leo Xiao



802.11ax80, Middle Channel, Horizontal

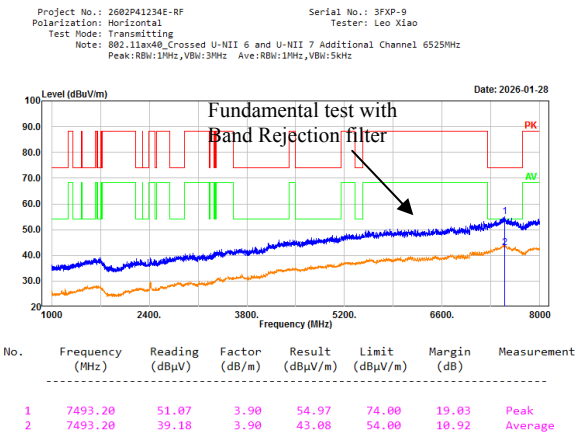


802.11ax80, Middle Channel, Vertical

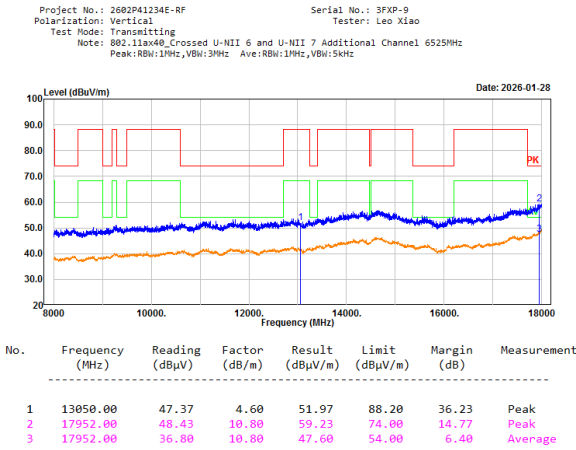
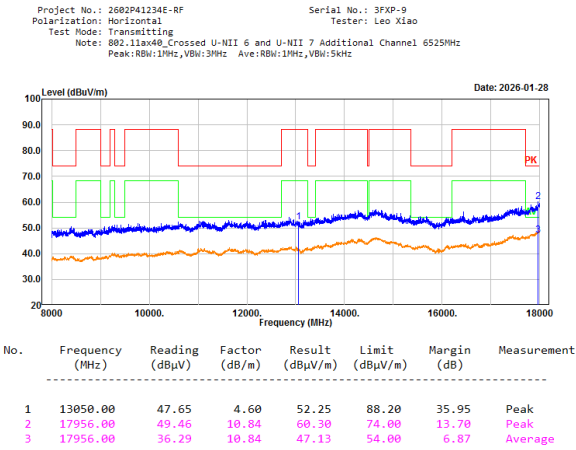
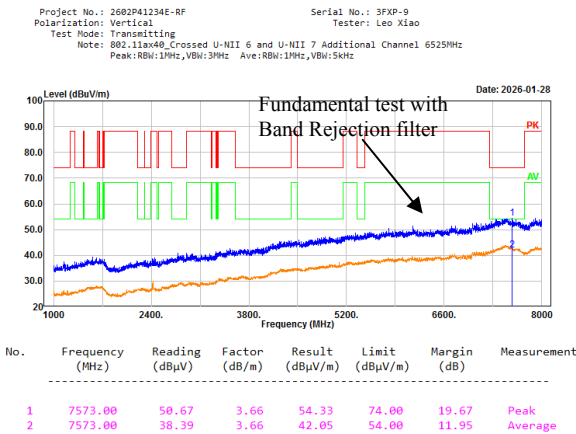


Crossed U-NII 6 and U-NII 7:

802.11ax40, Additional Channel, Horizontal



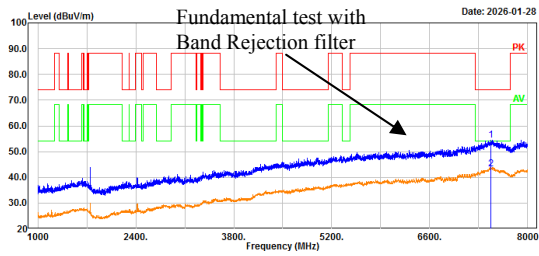
802.11ax40, Additional Channel, Vertical



802.11ax80, Additional Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 6 and U-NII 7 Additional Channel 6545MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

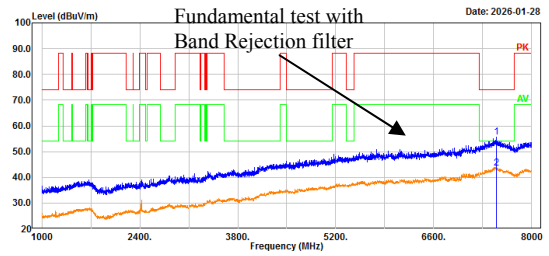


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7476.40	50.55	3.93	54.48	74.00	19.52	Peak
2	7476.40	39.37	3.93	43.30	54.00	10.70	Average

802.11ax80, Additional Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 6 and U-NII 7 Additional Channel 6545MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

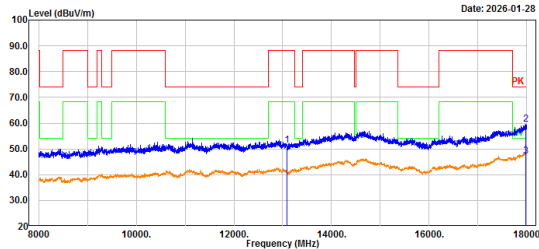
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7494.60	51.68	3.90	55.58	74.00	18.42	Peak
2	7494.60	39.77	3.90	43.67	54.00	10.33	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 6 and U-NII 7 Additional Channel 6545MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

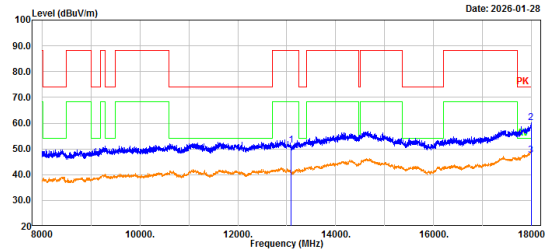
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13090.00	46.79	4.53	51.32	88.20	36.88	Peak
2	17976.00	48.69	10.96	59.65	74.00	14.35	Peak
3	17976.00	36.19	10.96	47.15	54.00	6.85	Average

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 6 and U-NII 7 Additional Channel 6545MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



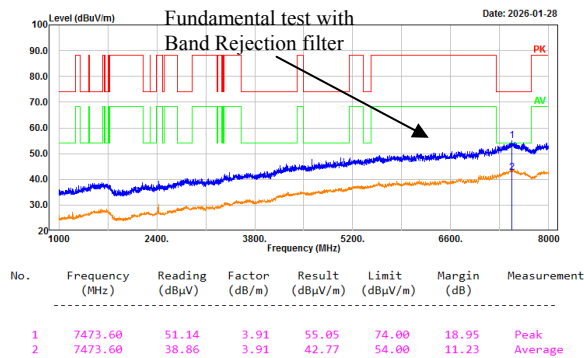
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13090.00	46.83	4.53	51.36	88.20	36.84	Peak
2	17986.00	49.19	11.03	60.22	74.00	13.78	Peak
3	17986.00	36.40	11.03	47.43	54.00	6.57	Average

U-NII 7

802.11ax20, Low Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 7 Low Channel 6535MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

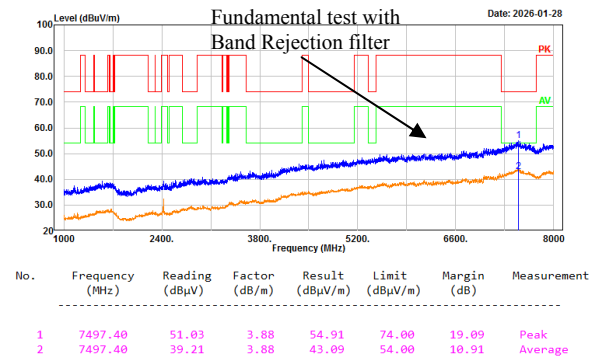
Serial No.: 3FXP-9
Tester: Leo Xiao



802.11ax20, Low Channel, Vertical

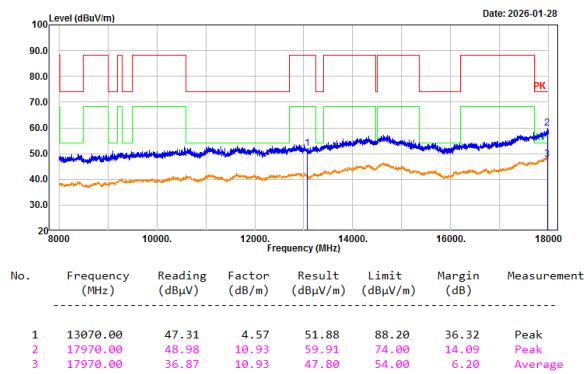
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 7 Low Channel 6535MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



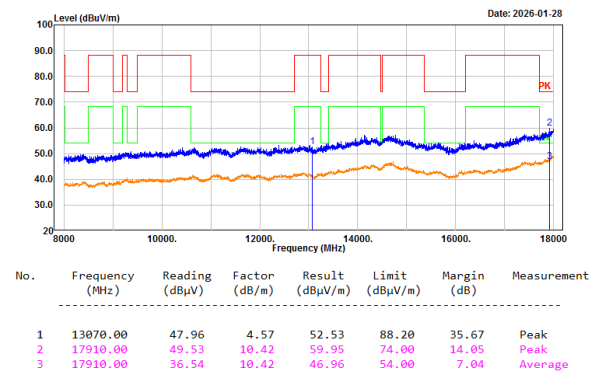
Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 7 Low Channel 6535MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

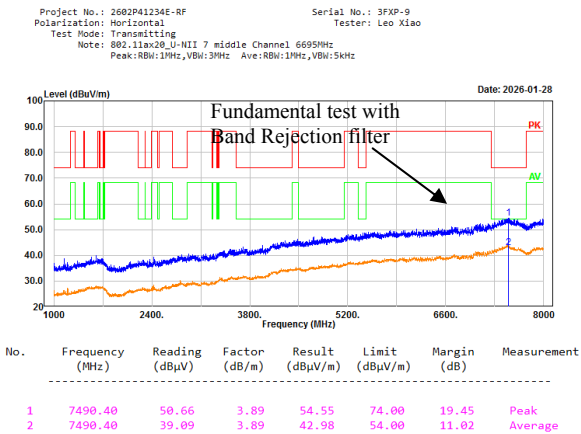


Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 7 Low Channel 6535MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

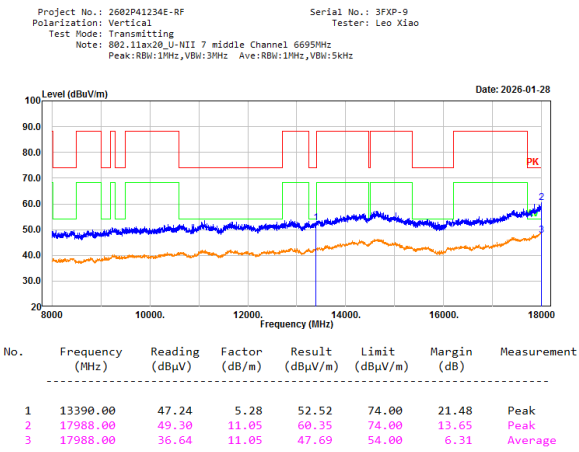
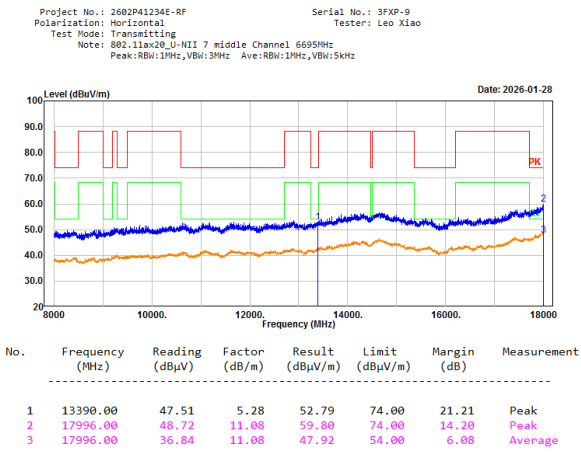
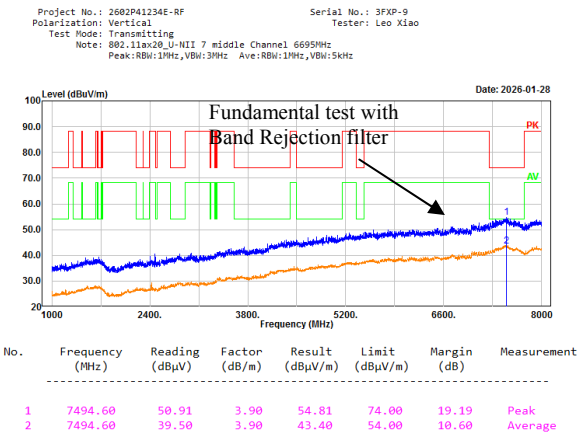
Serial No.: 3FXP-9
Tester: Leo Xiao



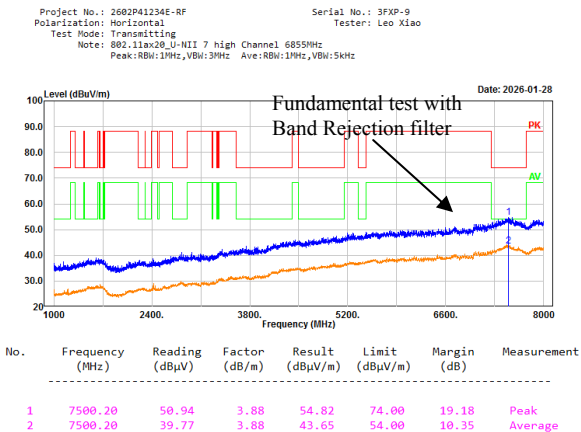
802.11ax20,Middle Channel, Horizontal



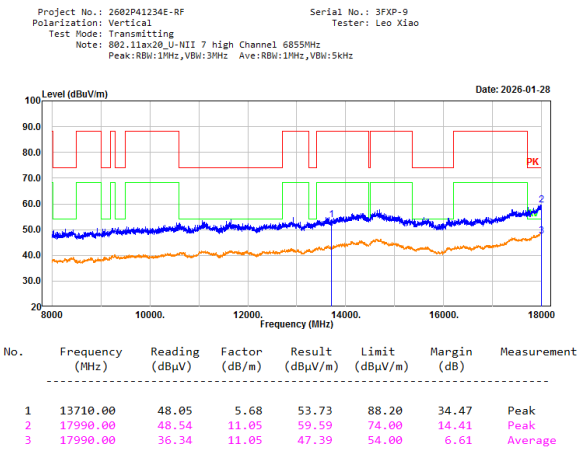
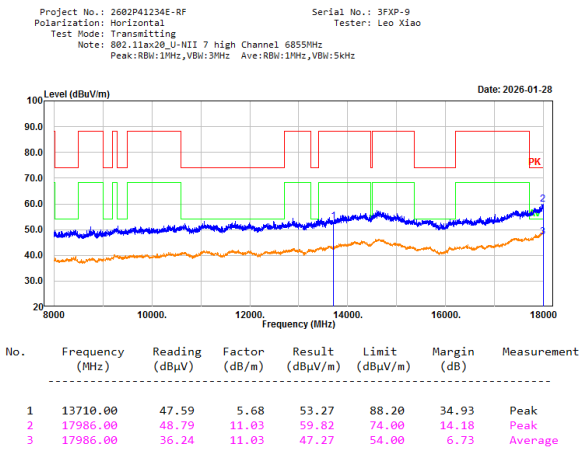
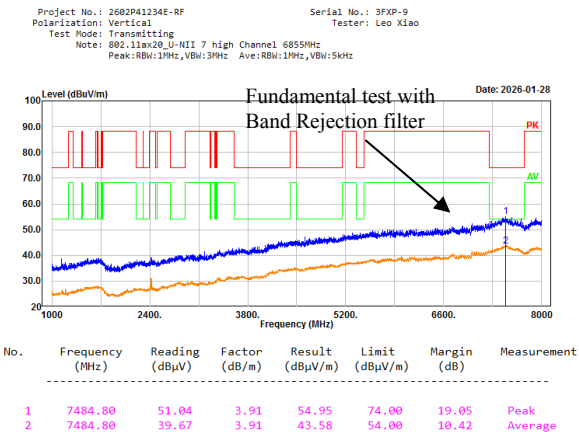
802.11ax20, Middle Channel, Vertical



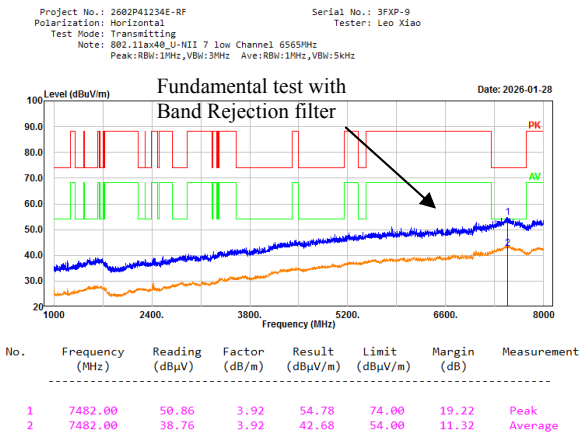
802.11ax20, High Channel, Horizontal



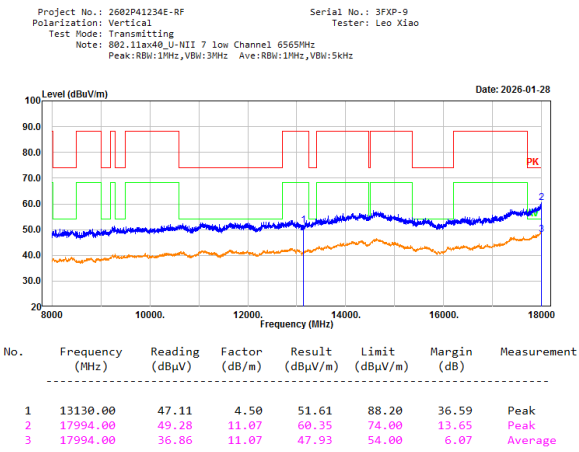
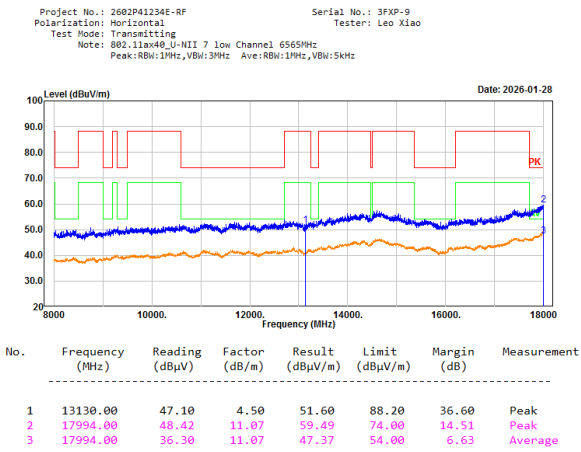
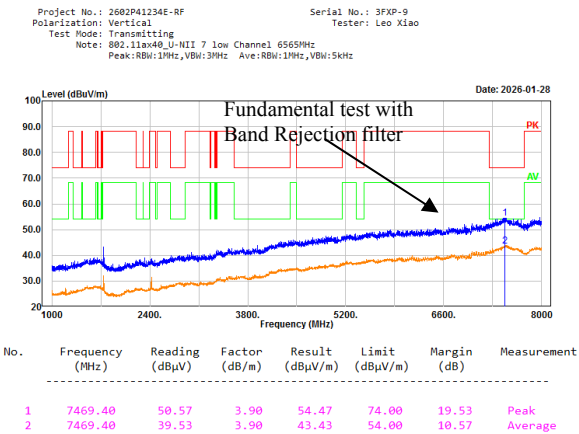
802.11ax20, High Channel, Vertical



802.11ax40, Low Channel, Horizontal



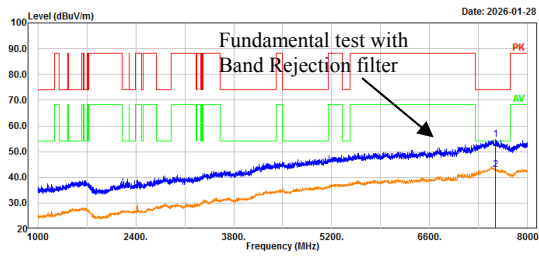
802.11ax40, Low Channel, Vertical



802.11ax40,Middle Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 7 middle Channel 6685MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

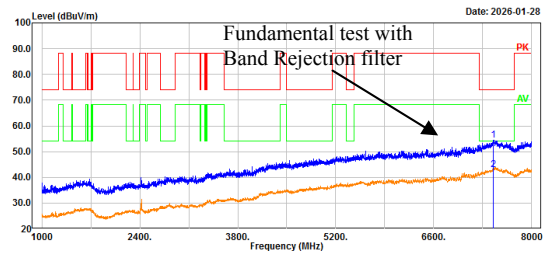


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7545.00	50.98	3.70	54.68	74.00	19.32	Peak
2	7545.00	39.32	3.70	43.02	54.00	10.98	Average

802.11ax40, Middle Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 7 middle Channel 6685MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

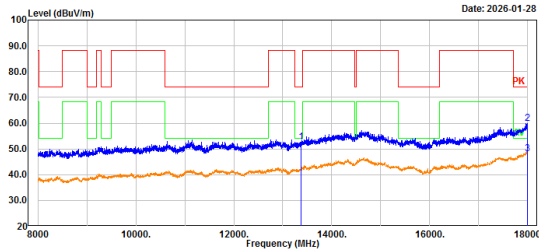
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7452.60	50.69	3.82	54.51	74.00	19.49	Peak
2	7452.60	39.13	3.82	42.95	54.00	11.05	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 7 middle Channel 6685MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

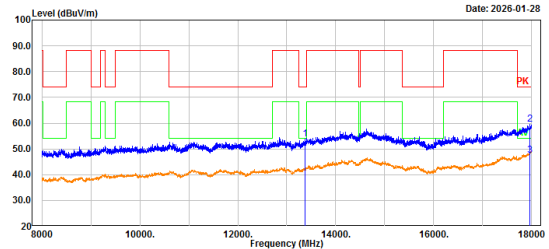
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13370.00	47.32	5.27	52.59	74.00	21.41	Peak
2	17994.00	48.87	11.07	59.94	74.00	14.06	Peak
3	17994.00	36.88	11.07	47.95	54.00	6.05	Average

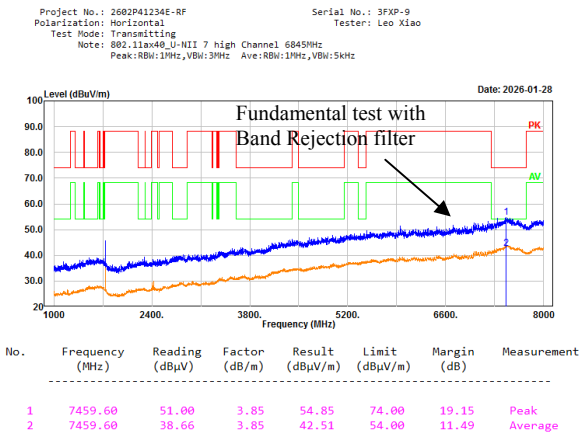
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 7 middle Channel 6685MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

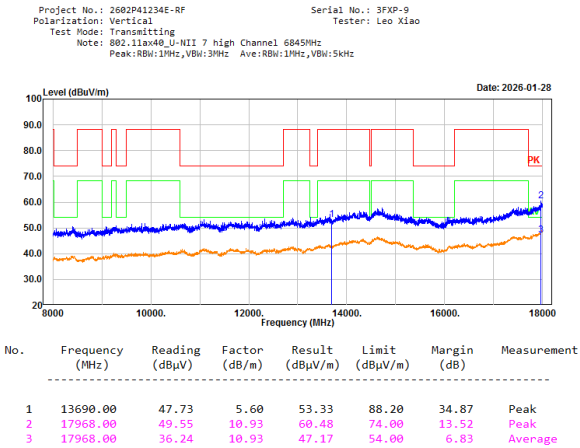
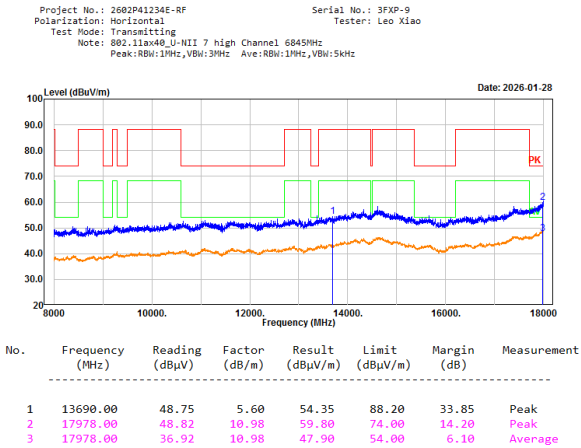
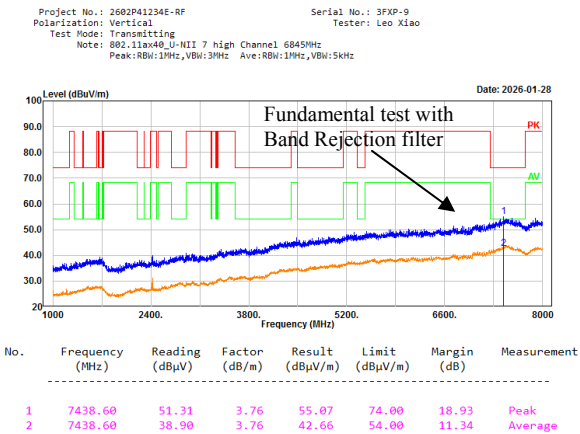


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13370.00	48.40	5.27	53.67	74.00	20.33	Peak
2	17964.00	48.71	10.91	59.62	74.00	14.38	Peak
3	17964.00	36.70	10.91	47.61	54.00	6.39	Average

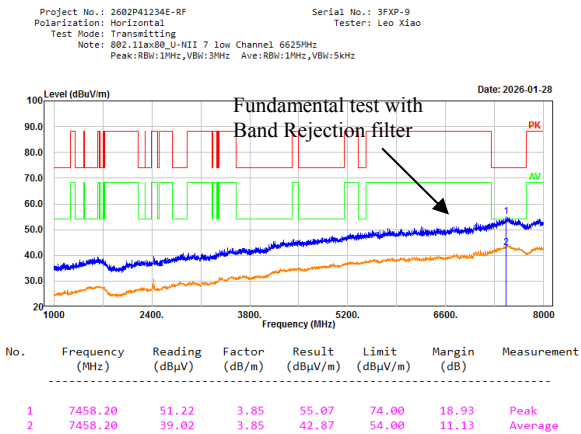
802.11ax40,High Channel, Horizontal



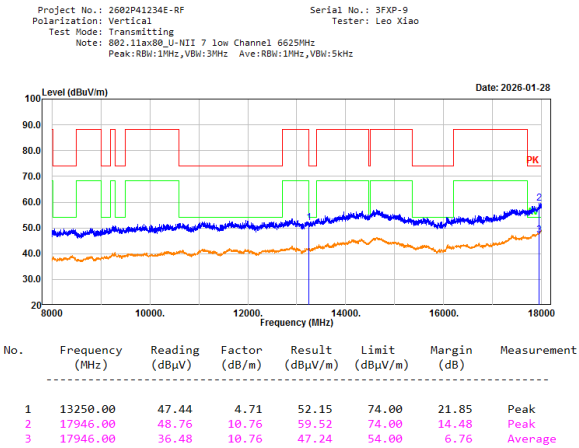
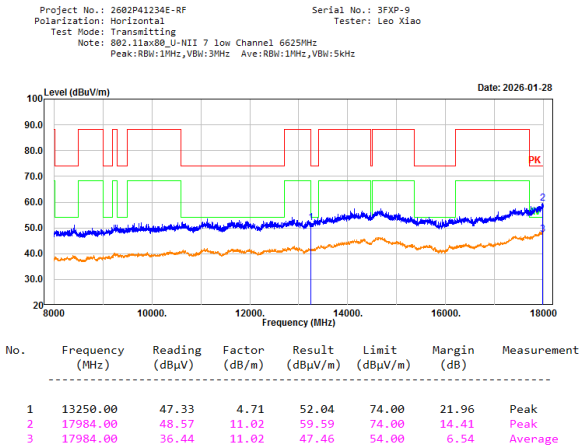
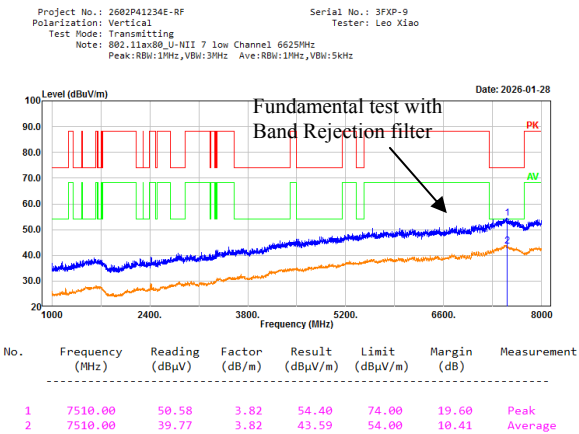
802.11ax40, High Channel, Vertical



802.11ax80, Low Channel, Horizontal



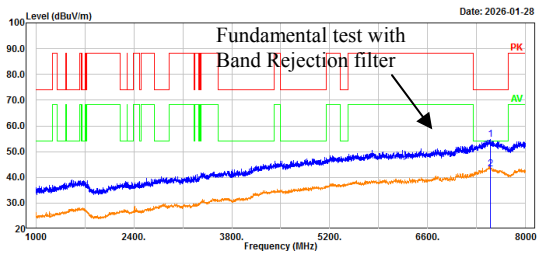
802.11ax80, Low Channel, Vertical



802.11ax80,Middle Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 middle Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

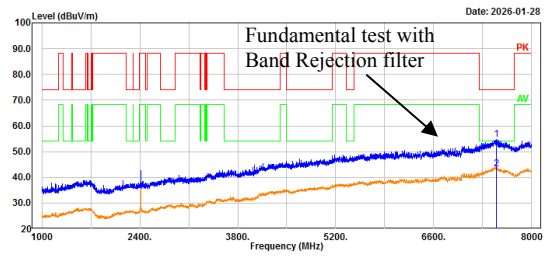


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7490.40	50.94	3.89	54.83	74.00	19.17	Peak
2	7490.40	39.38	3.89	43.27	54.00	10.73	Average

802.11ax80, Middle Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 middle Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

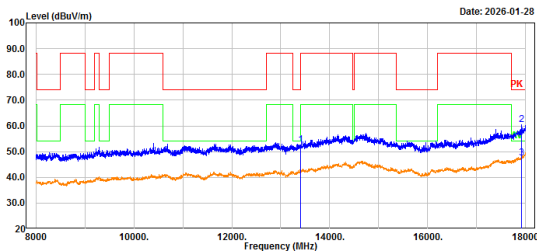
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7491.80	50.72	3.90	54.62	74.00	19.38	Peak
2	7491.80	39.40	3.90	43.30	54.00	10.70	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 middle Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

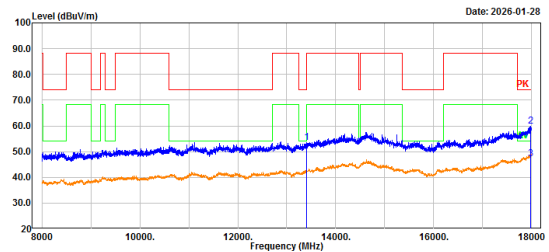
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13410.00	47.29	5.32	52.61	88.20	35.59	Peak
2	17920.00	49.84	10.50	60.34	74.00	13.66	Peak
3	17920.00	36.85	10.50	47.35	54.00	6.65	Average

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 middle Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

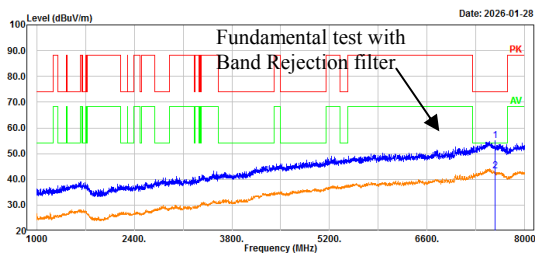


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13410.00	48.11	5.32	53.43	88.20	34.77	Peak
2	17974.00	48.94	10.96	59.90	74.00	14.10	Peak
3	17974.00	36.30	10.96	47.26	54.00	6.74	Average

802.11ax80,High Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 high Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

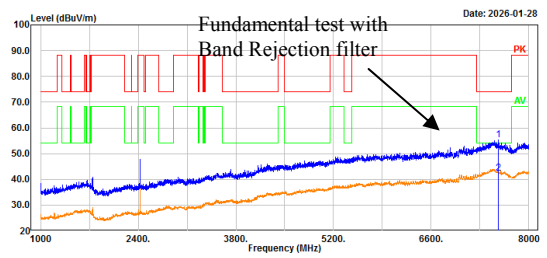


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7570.20	51.27	3.66	54.93	74.00	19.07	Peak
2	7570.20	39.58	3.66	43.24	54.00	10.76	Average

802.11ax80, High Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 high Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

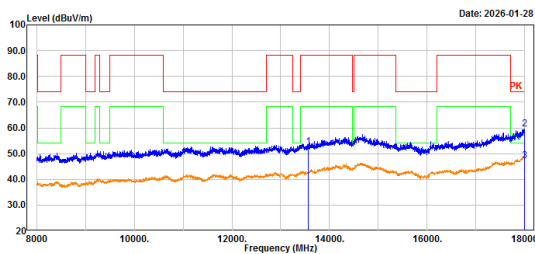
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7567.40	51.62	3.67	55.29	74.00	18.71	Peak
2	7567.40	38.55	3.67	42.22	54.00	11.78	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 high Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

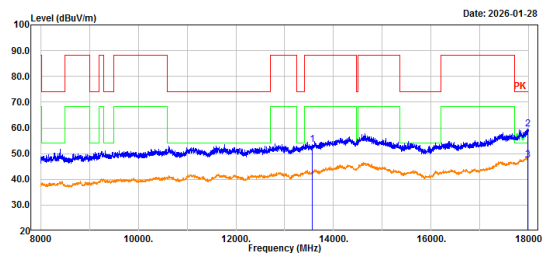
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13570.00	47.47	5.25	52.72	88.20	35.48	Peak
2	17992.00	48.50	11.06	59.56	74.00	14.44	Peak
3	17992.00	36.25	11.06	47.31	54.00	6.69	Average

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 7 high Channel 6785MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

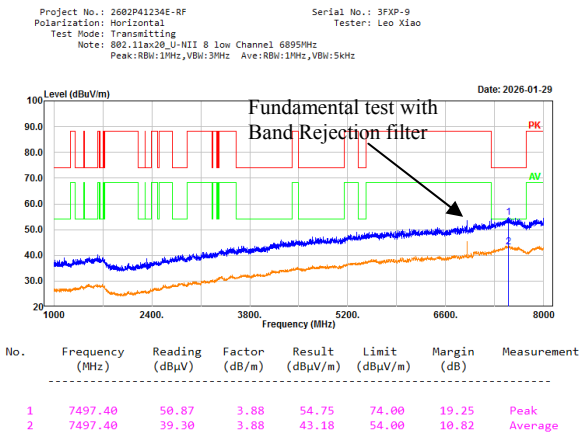
Serial No.: 3FXP-9
Tester: Leo Xiao



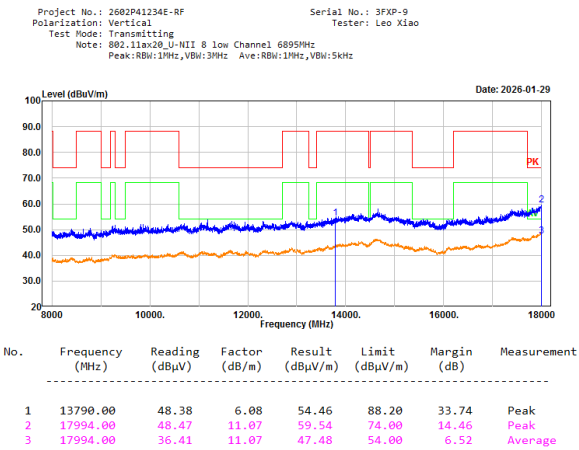
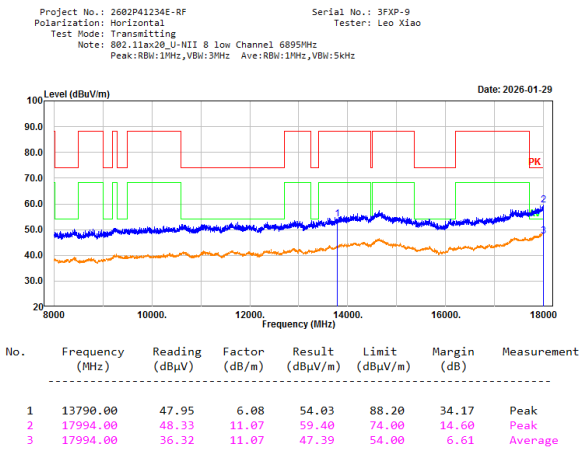
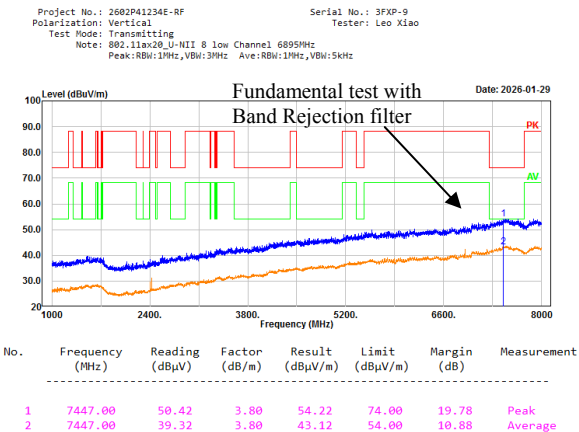
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13570.00	48.39	5.25	53.64	88.20	34.56	Peak
2	17974.00	48.54	10.96	59.50	74.00	14.50	Peak
3	17974.00	36.40	10.96	47.36	54.00	6.64	Average

U-NII 8

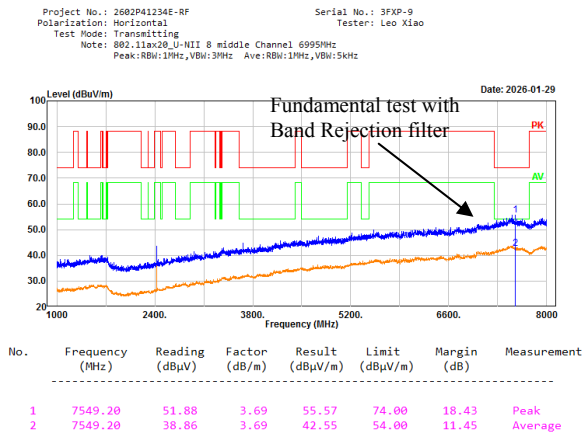
802.11ax20,Low Channel, Horizontal



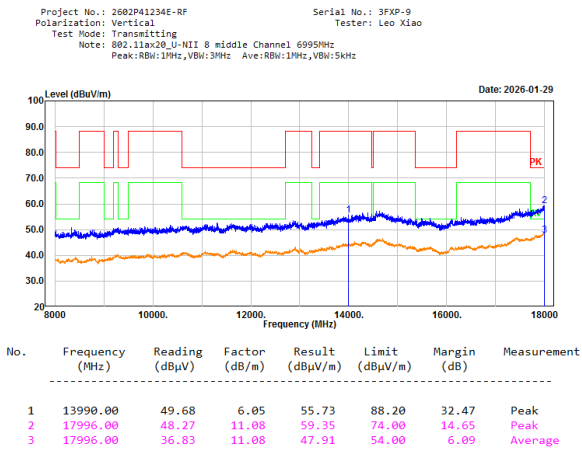
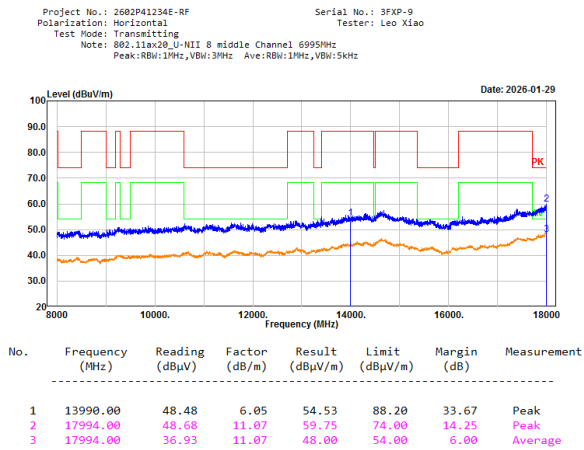
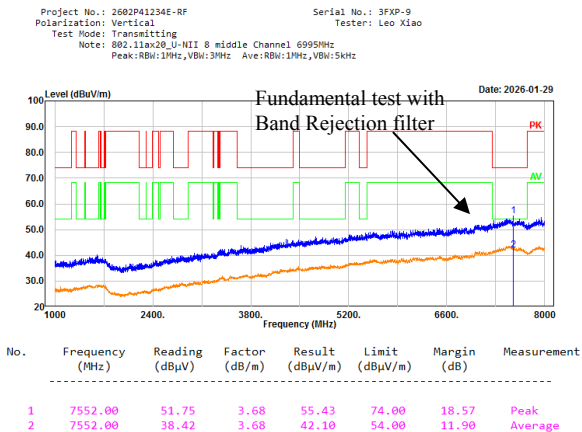
802.11ax20, Low Channel, Vertical



802.11ax20,Middle Channel, Horizontal



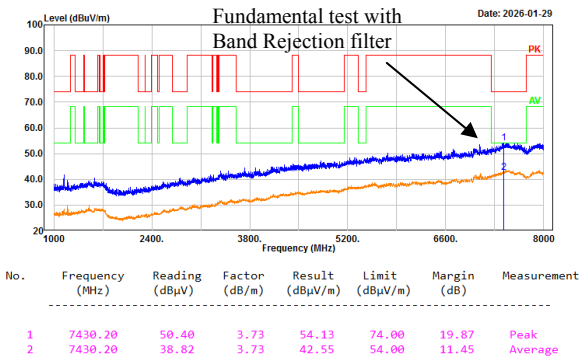
802.11ax20, Middle Channel, Vertical



802.11ax20,High Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 8 high Channel 7095MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

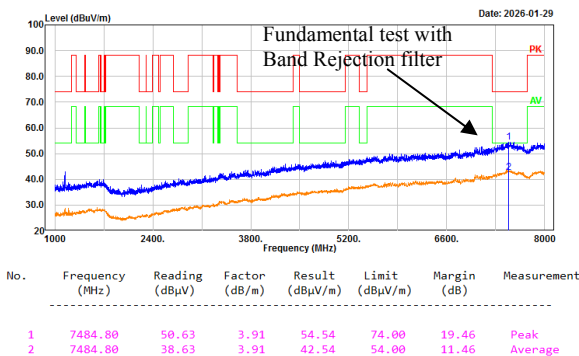
Serial No.: 3FXP-9
Tester: Leo Xiao



802.11ax20, High Channel, Vertical

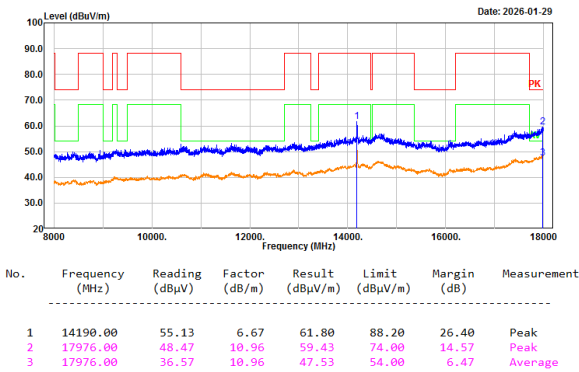
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 8 high Channel 7095MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



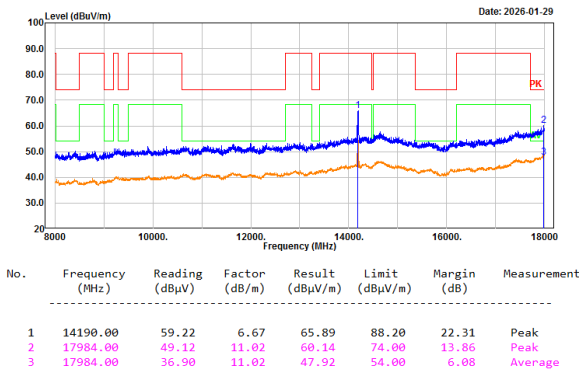
Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 8 high Channel 7095MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

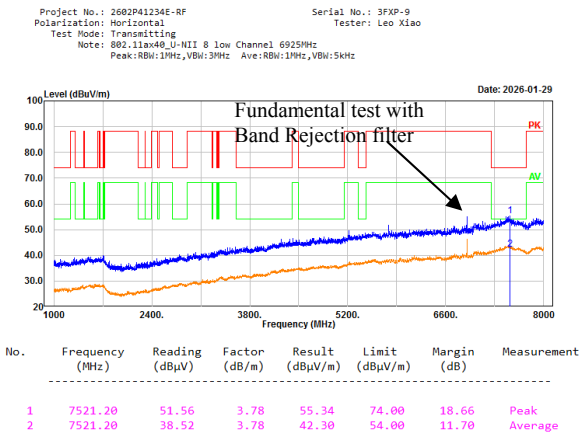


Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 8 high Channel 7095MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

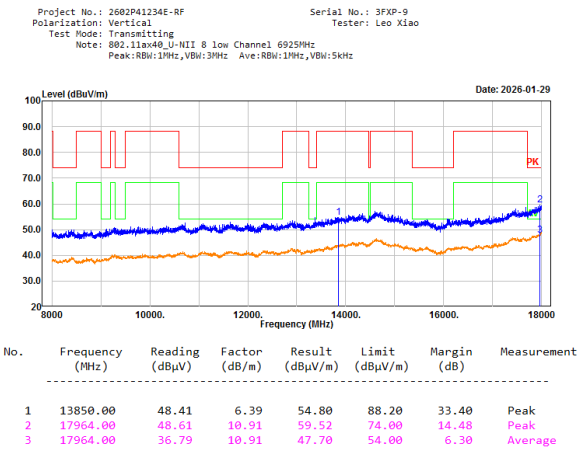
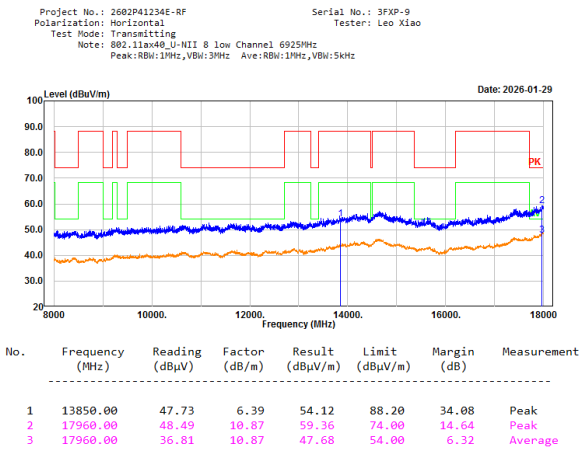
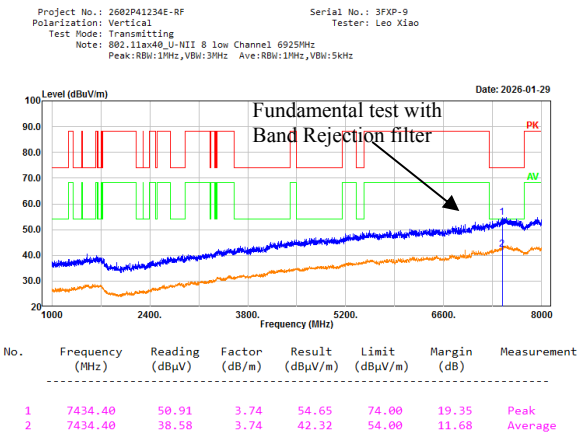
Serial No.: 3FXP-9
Tester: Leo Xiao



802.11ax40,Low Channel, Horizontal



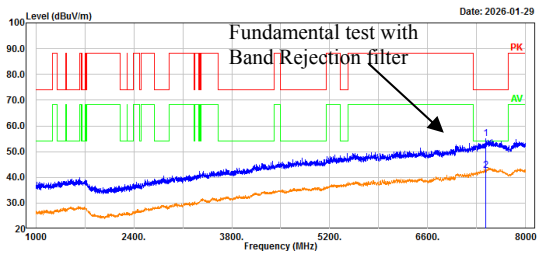
802.11ax40, Low Channel, Vertical



802.11ax40,Middle Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 8 middle Channel 7005MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

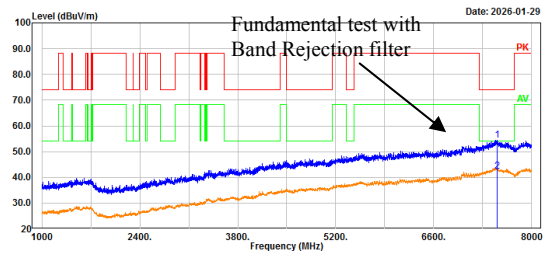


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7424.60	51.28	3.71	54.99	74.00	19.01	Peak
2	7424.60	38.91	3.71	42.62	54.00	11.38	Average

802.11ax40, Middle Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 8 middle Channel 7005MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

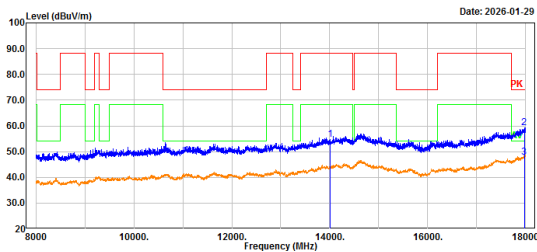
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7504.40	50.45	3.86	54.31	74.00	19.69	Peak
2	7504.40	38.47	3.86	42.33	54.00	11.67	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 8 middle Channel 7005MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

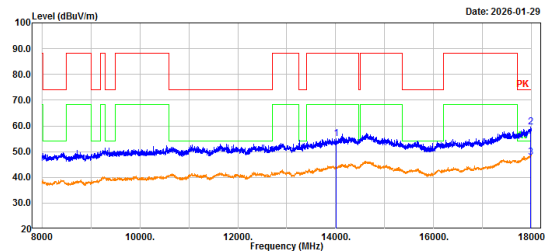
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	14010.00	48.67	6.12	54.79	88.20	33.41	Peak
2	17970.00	48.34	10.93	59.27	74.00	14.73	Peak
3	17970.00	36.77	10.93	47.70	54.00	6.30	Average

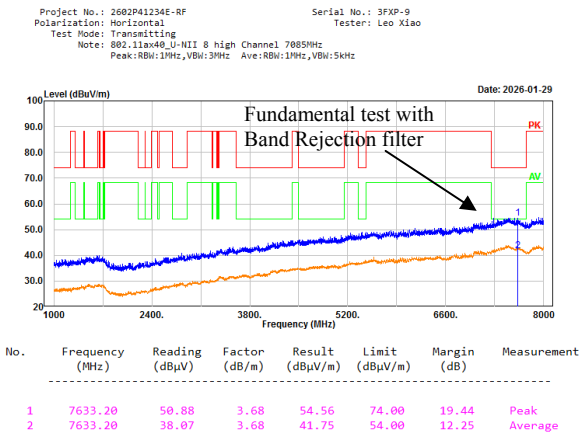
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 8 middle Channel 7005MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

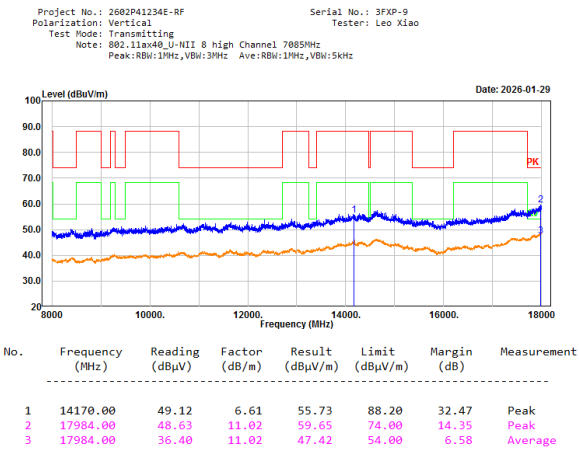
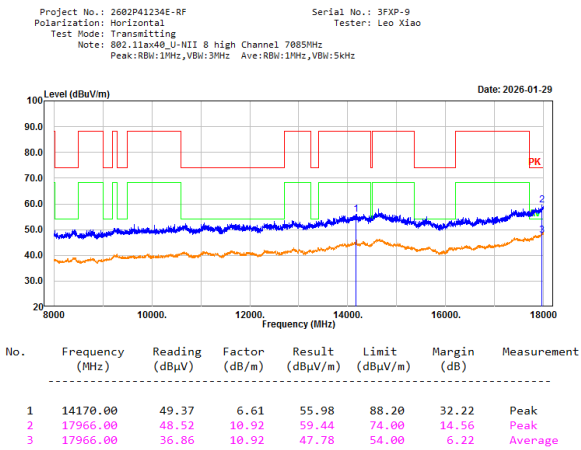
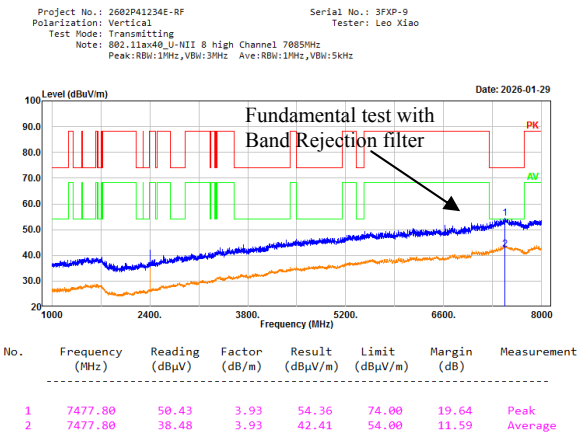


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	14010.00	48.76	6.12	54.88	88.20	33.32	Peak
2	17978.00	48.52	10.98	59.50	74.00	14.50	Peak
3	17978.00	36.71	10.98	47.69	54.00	6.31	Average

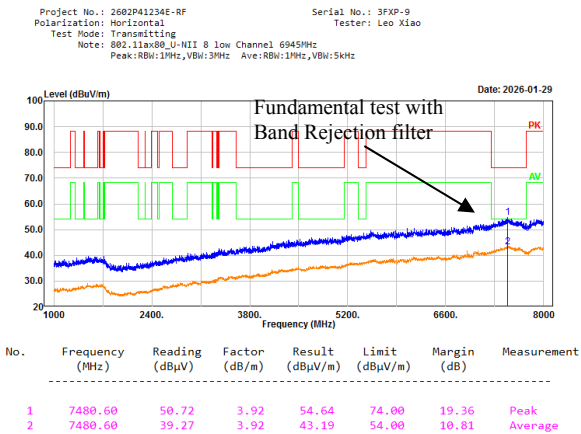
802.11ax40,High Channel, Horizontal



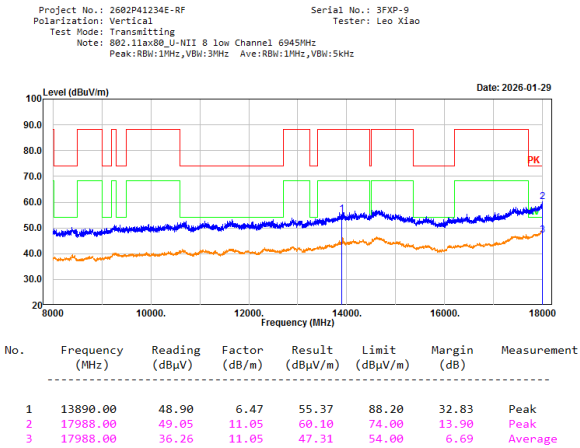
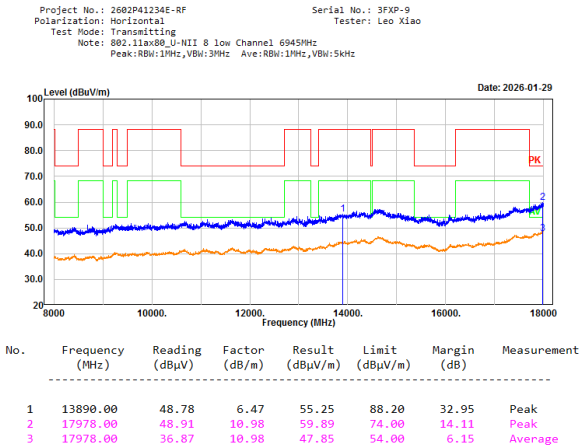
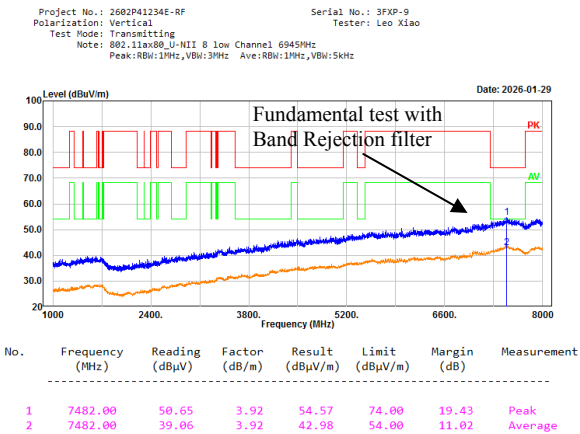
802.11ax40, High Channel, Vertical



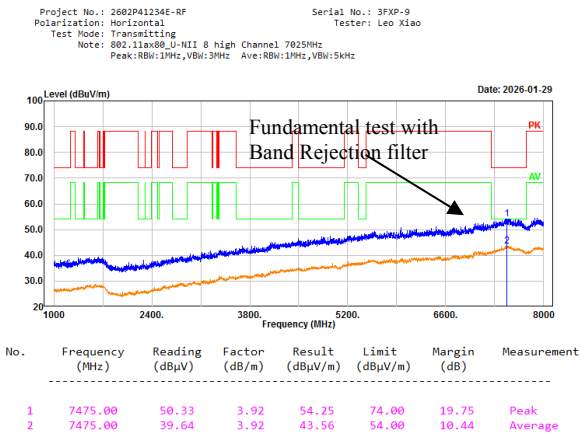
802.11ax80, Low Channel, Horizontal



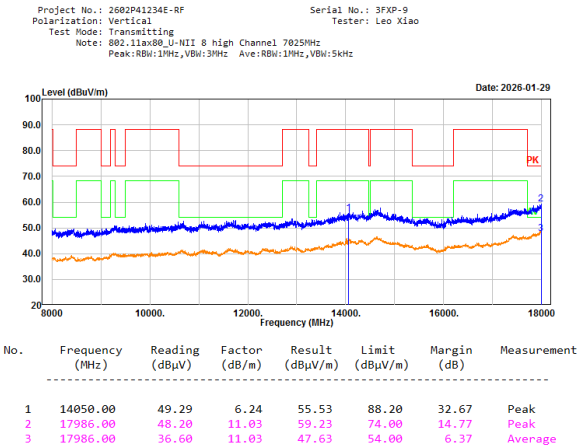
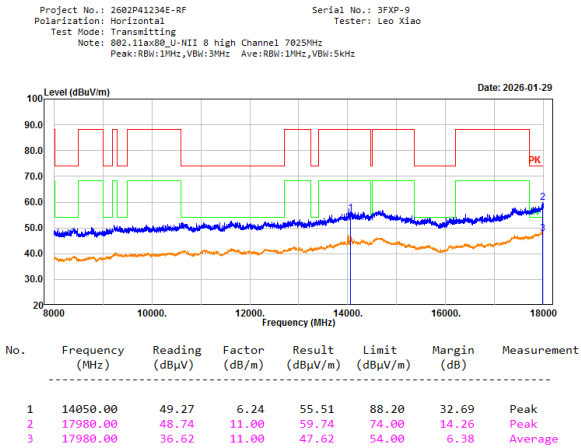
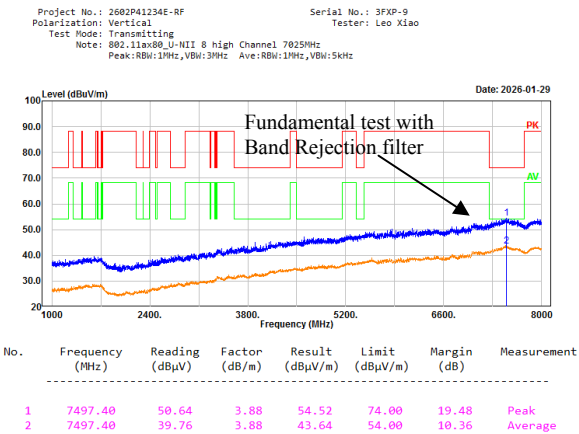
802.11ax80, Low Channel, Vertical



802.11ax80,High Channel, Horizontal



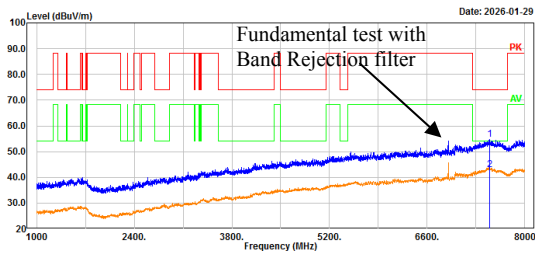
802.11ax80, High Channel, Vertical



Crossed U-NII 7 and U-NII 8:**802.11ax20, Additional Channel, Horizontal**

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_Crossed U-NII 7 and U-NII 8 Additional Channel 6875MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

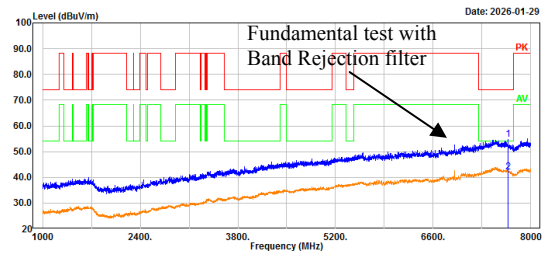


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7494.60	58.93	3.90	54.83	74.00	19.17	Peak
2	7494.60	39.19	3.90	43.09	54.00	10.91	Average

802.11ax20, Additional Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_Crossed U-NII 7 and U-NII 8 Additional Channel 6875MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

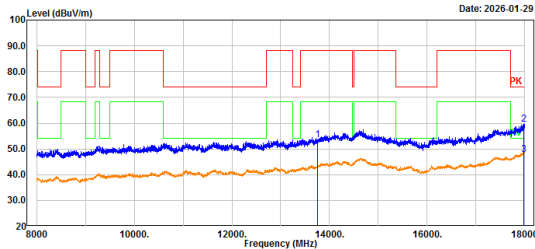
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7675.20	51.11	3.73	54.84	74.00	19.16	Peak
2	7675.20	38.32	3.73	42.05	54.00	11.95	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_Crossed U-NII 7 and U-NII 8 Additional Channel 6875MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

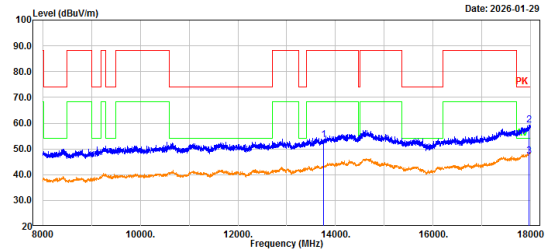
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13750.00	47.68	5.87	53.55	88.20	34.65	Peak
2	17982.00	48.66	11.02	59.68	74.00	14.32	Peak
3	17982.00	36.78	11.02	47.80	54.00	6.20	Average

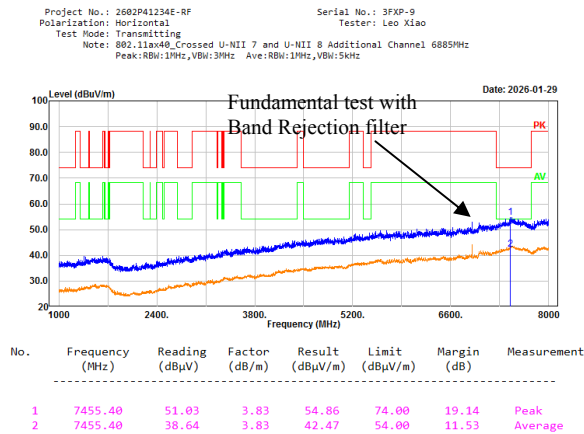
Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_Crossed U-NII 7 and U-NII 8 Additional Channel 6875MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

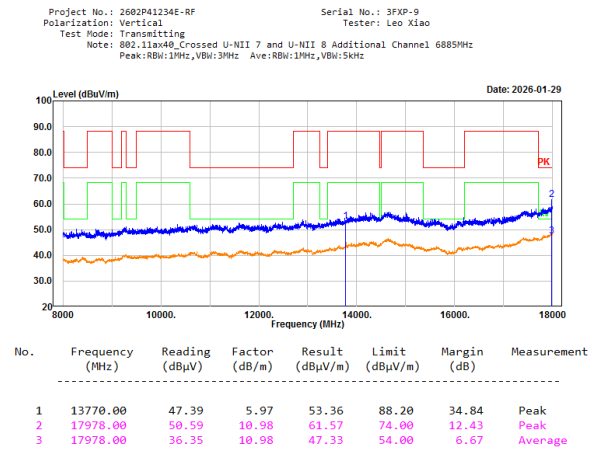
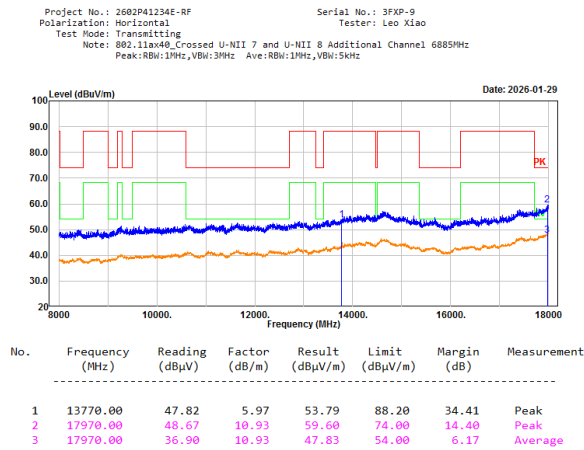
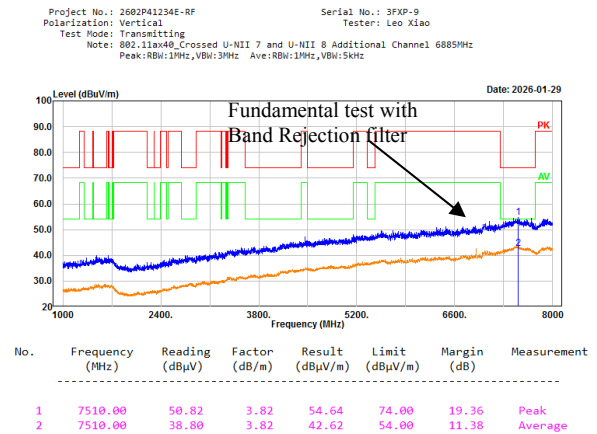


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13750.00	47.53	5.87	53.40	88.20	34.80	Peak
2	17960.00	48.32	10.87	59.19	74.00	14.81	Peak
3	17960.00	36.25	10.87	47.12	54.00	6.88	Average

802.11ax40, Additional Channel, Horizontal



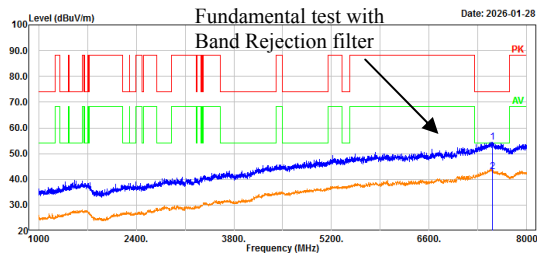
802.11ax40, Additional Channel, Vertical



802.11ax80, Additional Channel, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 7 and U-NII 8 Additional Channel 6865MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

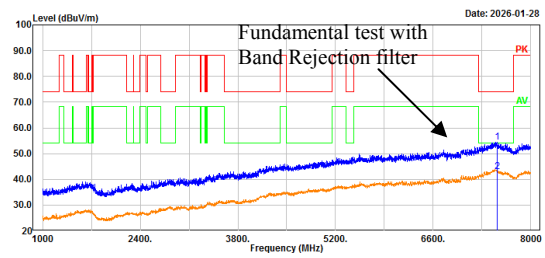


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7505.80	50.71	3.85	54.56	74.00	19.44	Peak
2	7505.80	39.22	3.85	43.07	54.00	10.93	Average

802.11ax80, Additional Channel, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 7 and U-NII 8 Additional Channel 6865MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

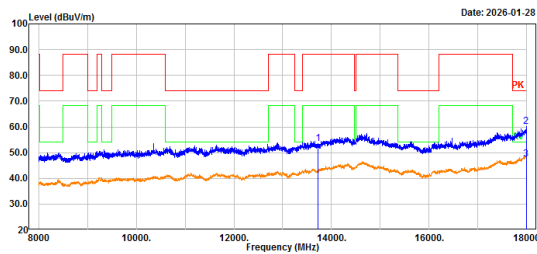
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7521.20	50.73	3.78	54.51	74.00	19.49	Peak
2	7521.20	39.30	3.78	43.08	54.00	10.92	Average

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 7 and U-NII 8 Additional Channel 6865MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

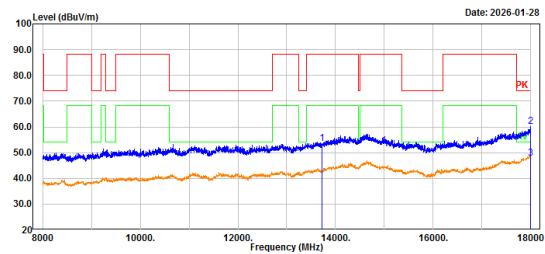
Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13730.00	47.69	5.79	53.48	88.20	34.72	Peak
2	17986.00	48.98	11.03	60.01	74.00	13.99	Peak
3	17986.00	36.45	11.03	47.48	54.00	6.52	Average

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_Crossed U-NII 7 and U-NII 8 Additional Channel 6865MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	13730.00	47.63	5.79	53.42	88.20	34.78	Peak
2	17990.00	49.09	11.05	60.14	74.00	13.86	Peak
3	17990.00	36.74	11.05	47.79	54.00	6.21	Average

18-40GHz:

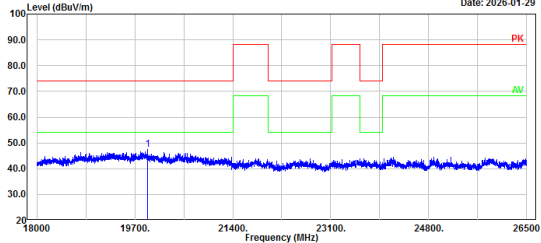
No Emission was detected in the range 18-40GHz, test was performed on the mode and channel which with the maximum power.

802.11ax80 mode, 6465MHz, Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 6G WiFi
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-29



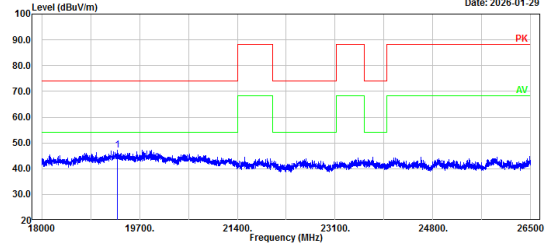
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	19921.00	47.08	0.27	47.35	74.00	26.65	Peak

802.11ax80 mode, 6465MHz, Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 6G WiFi
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-29

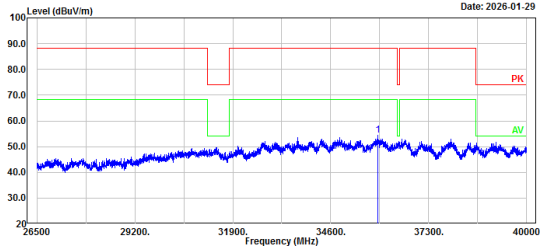


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	19320.90	47.11	0.16	47.27	74.00	26.73	Peak

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 6G WiFi
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-29

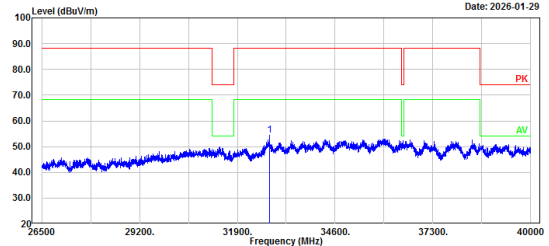


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	35887.90	47.08	7.23	54.31	88.20	33.89	Peak

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 6G WiFi
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-29



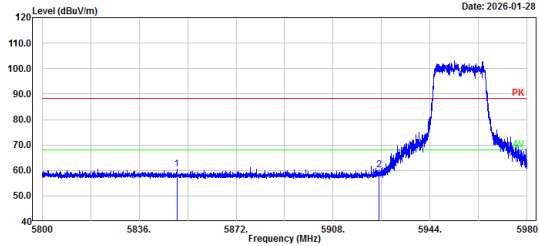
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	32782.90	48.67	5.83	54.50	88.20	33.70	Peak

Bandedge:**802.11 ax20 mode, Low Channel , Horizontal**

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 Low Channel 5955MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-28



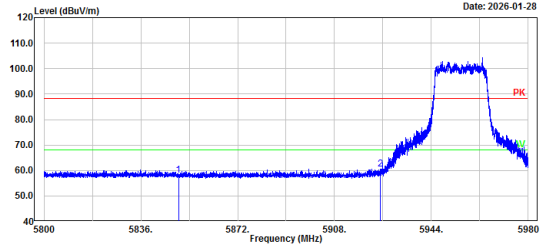
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	51.43	9.10	60.53	88.20	27.67	Peak
2	5925.00	50.94	9.24	60.18	88.20	28.02	Peak

802.11ax20 mode, Low Channel , Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 5 Low Channel 5955MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-28



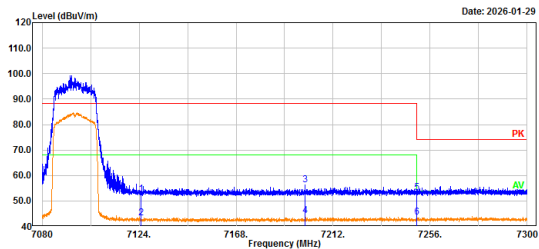
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	48.99	9.10	58.09	88.20	30.11	Peak
2	5925.00	51.44	9.24	60.68	88.20	27.52	Peak

802.11 ax20 mode, High Channel , Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII 8 High Channel 7095MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-29



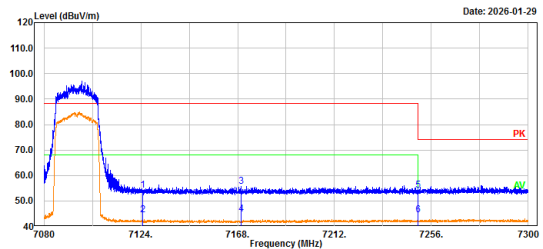
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7125.00	48.08	4.58	52.66	88.20	35.54	Peak
2	7125.00	38.75	4.58	43.33	88.20	24.87	Average
3	7199.33	51.32	4.85	56.17	88.20	32.03	Peak
4	7199.33	39.41	4.85	44.26	88.20	23.94	Average
5	7250.00	48.30	5.02	53.32	74.00	20.68	Peak
6	7250.00	38.66	5.02	43.68	54.00	10.32	Average

802.11ax20 mode, High Channel , Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII 8 High Channel 7095MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

Date: 2026-01-29

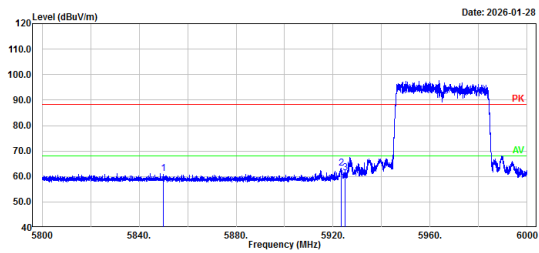


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7125.00	49.48	4.58	54.06	88.20	34.14	Peak
2	7125.00	39.84	4.58	44.42	88.20	23.78	Average
3	7169.58	50.97	4.75	55.72	88.20	32.48	Peak
4	7169.58	40.10	4.75	44.85	88.20	23.35	Average
5	7250.00	49.07	5.02	54.09	74.00	19.91	Peak
6	7250.00	39.55	5.02	44.57	54.00	9.43	Average

802.11 ax40 mode, Low Channel , Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 5 Low Channel 5965MHz
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

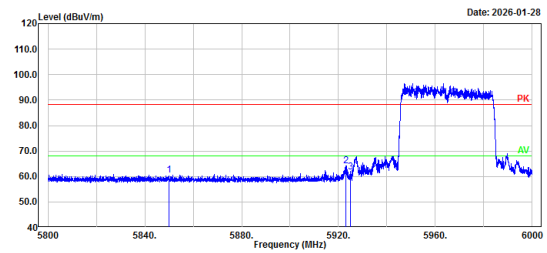


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	51.98	9.10	61.08	88.20	27.12	Peak
2	5923.24	53.96	9.25	63.21	88.20	24.99	Peak
3	5925.00	52.25	9.24	61.49	88.20	26.71	Peak

802.11ax 40 mode, Low Channel , Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 5 Low Channel 5965MHz
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

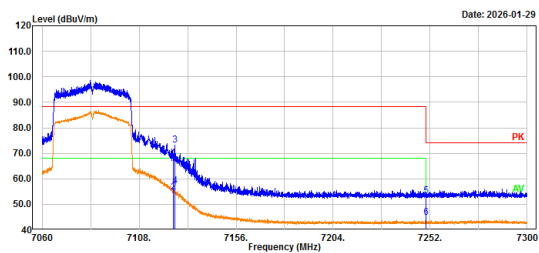


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	51.50	9.10	60.60	88.20	27.60	Peak
2	5923.00	54.95	9.25	64.20	88.20	24.00	Peak
3	5925.00	52.59	9.24	61.83	88.20	26.37	Peak

802.11 ax40 mode, High Channel , Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII 8 High Channel 7085MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

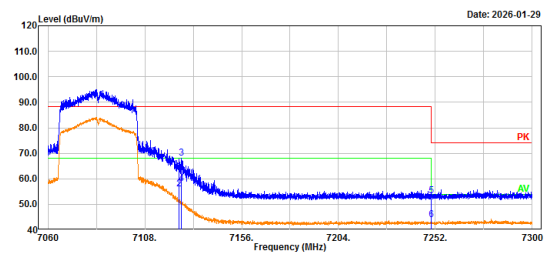


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7125.00	63.39	4.58	67.97	88.20	20.23	Peak
2	7125.00	50.14	4.58	54.72	68.20	13.48	Average
3	7125.76	68.60	4.58	73.18	88.20	15.02	Peak
4	7125.76	52.64	4.58	57.22	68.20	10.98	Average
5	7250.00	48.29	5.02	53.31	74.00	20.69	Peak
6	7250.00	39.85	5.02	44.87	54.00	9.13	Average

802.11ax40 mode, High Channel , Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII 8 High Channel 7085MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

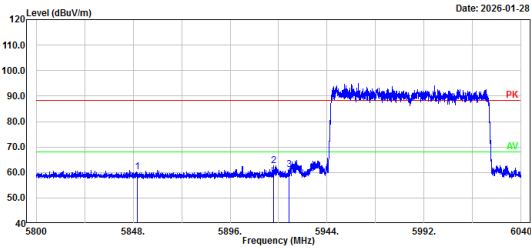


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7125.00	58.22	4.58	62.80	88.20	25.40	Peak
2	7125.00	51.41	4.58	55.99	68.20	12.21	Average
3	7126.05	63.54	4.58	68.12	88.20	20.08	Peak
4	7126.05	53.61	4.58	58.19	68.20	10.01	Average
5	7250.00	48.37	5.02	53.39	74.00	20.61	Peak
6	7250.00	38.95	5.02	43.97	54.00	10.03	Average

802.11 ax80 mode, Low Channel , Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 Low Channel 5985MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

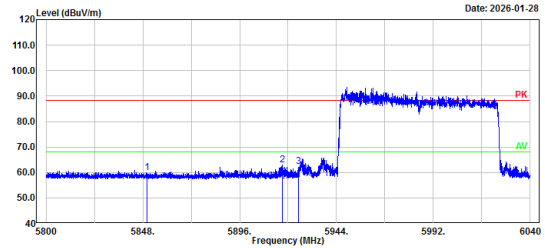


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	50.98	9.10	60.08	88.20	28.12	Peak
2	5917.07	53.45	9.24	62.69	88.20	25.51	Peak
3	5925.00	51.82	9.24	61.06	88.20	27.14	Peak

802.11ax80 mode, Low Channel,Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 5 Low Channel 5985MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3FXP-9
Tester: Leo Xiao

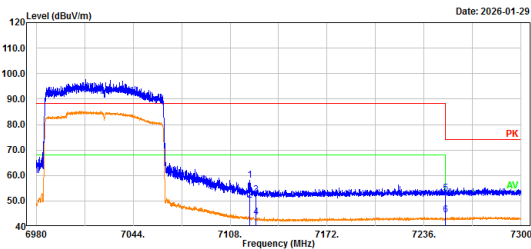


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	50.73	9.10	59.83	88.20	28.37	Peak
2	5917.07	53.66	9.24	62.90	88.20	25.30	Peak
3	5925.00	53.20	9.24	62.44	88.20	25.76	Peak

802.11 ax80 mode, High Channel , Horizontal

Project No.: 2602P41234E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII 8 High Channel 7025MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao

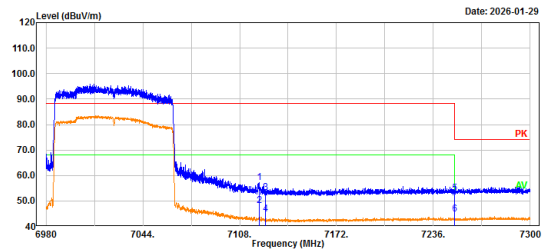


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7120.86	53.46	4.56	58.02	88.20	30.18	Peak
2	7120.86	45.75	4.56	50.31	88.20	17.89	Average
3	7125.00	47.79	4.58	52.37	88.20	35.83	Peak
4	7125.00	38.95	4.58	43.53	88.20	24.67	Average
5	7250.00	47.94	5.02	52.96	74.00	21.04	Peak
6	7250.00	39.48	5.02	44.50	54.00	9.50	Average

802.11ax80 mode, High Channel , Vertical

Project No.: 2602P41234E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII 8 High Channel 7025MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3FXP-9
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7121.12	52.78	4.57	57.35	88.20	30.85	Peak
2	7121.12	43.65	4.57	48.22	68.20	19.98	Average
3	7125.00	48.75	4.58	53.33	88.20	34.87	Peak
4	7125.00	40.17	4.58	44.75	68.20	23.45	Average
5	7250.00	48.04	5.02	53.06	74.00	20.94	Peak
6	7250.00	39.85	5.02	44.87	54.00	9.13	Average

5.3 26dB Emission Bandwidth

Test Information:

Serial No.:	3FXP-2	Test Date:	2026/03/06
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cooper Zhou	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	25.7	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02

* 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).

Test Data:

Note: Test only was performed at Chain 0.

5925-6425 MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)
802.11ax20	Chain 0	5955	24.024	320
		6175	23.674	320
		6415	23.974	320
802.11ax40	Chain 0	5965	40.140	320
		6165	40.040	320
		6405	40.040	320
802.11ax80	Chain 0	5985	81.081	320
		6145	81.281	320
		6385	80.881	320

6425-6525 MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)
802.11ax20	Chain 0	6435	23.373	320
		6475	23.273	320
		6515	23.524	320
802.11ax40	Chain 0	6525	40.040	320
		6445	40.240	320
		6485	40.140	320
802.11ax80	Chain 0	6545	81.281	320
		6465	80.881	320

6525-6875MHz

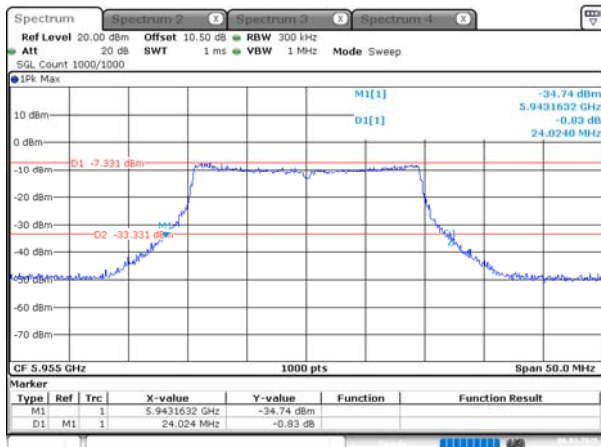
Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)
802.11ax20	Chain 0	6535	23.574	320
		6695	23.974	320
		6855	23.824	320
802.11ax40	Chain 0	6565	40.140	320
		6685	40.140	320
		6845	40.140	320
802.11ax80	Chain 0	6865	80.881	320
		6625	81.081	320
		6705	81.081	320
		6785	81.281	320

6875-7125 MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)
802.11ax20	Chain 0	6875	24.024	320
		6895	23.624	320
		6995	23.624	320
		7095	23.824	320
802.11ax40	Chain 0	6885	40.040	320
		6925	40.240	320
		7005	40.140	320
		7085	40.040	320
802.11ax80	Chain 0	6945	81.281	320
		7025	81.081	320

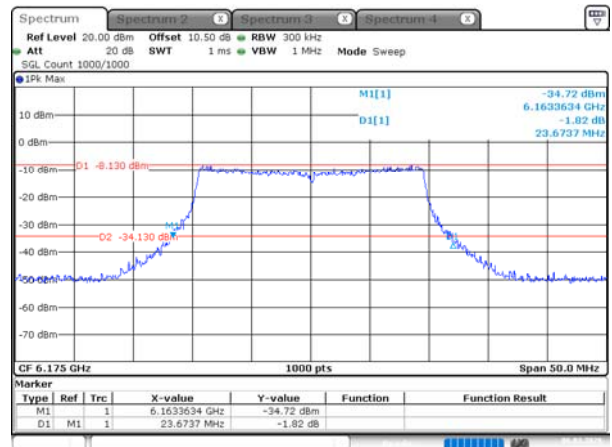
5925-6425 MHz

802.11ax20_5955MHz_Chain 0



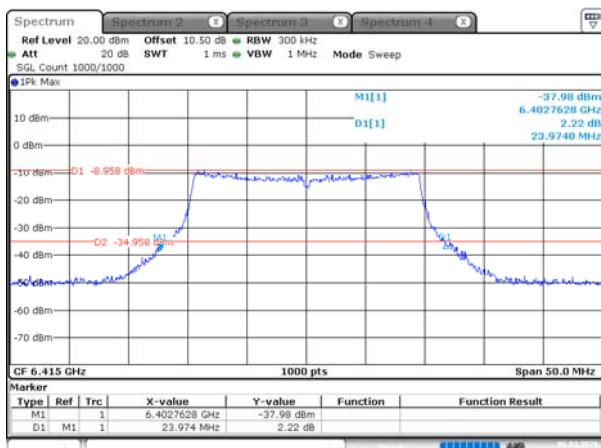
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Date: 6.MAR.2026 14:52:54

802.11ax20_6175MHz_Chain 0



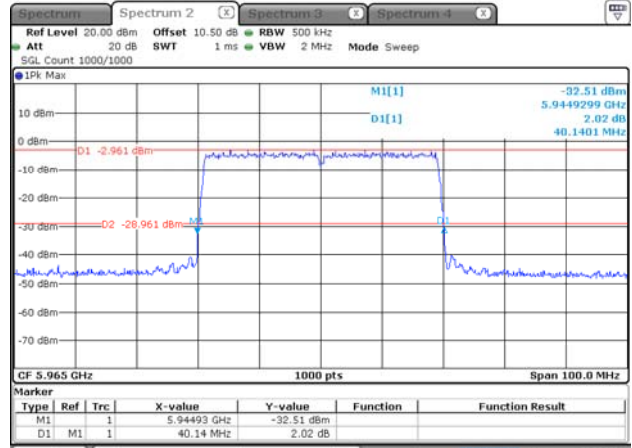
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Date: 6.MAR.2026 14:57:05

802.11ax20_6415MHz_Chain 0



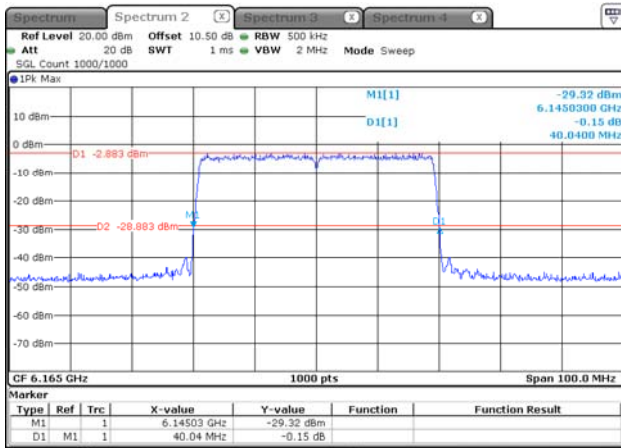
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Date: 6.MAR.2026 15:00:00

802.11ax40_5965MHz_Chain 0



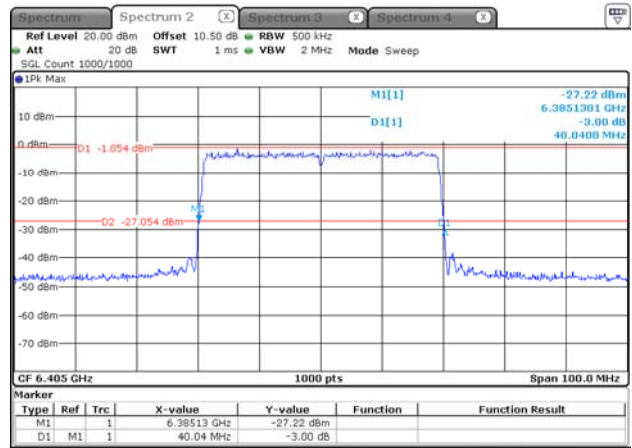
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Date: 6.MAR.2026 15:07:08

802.11ax40_6165MHz_Chain 0



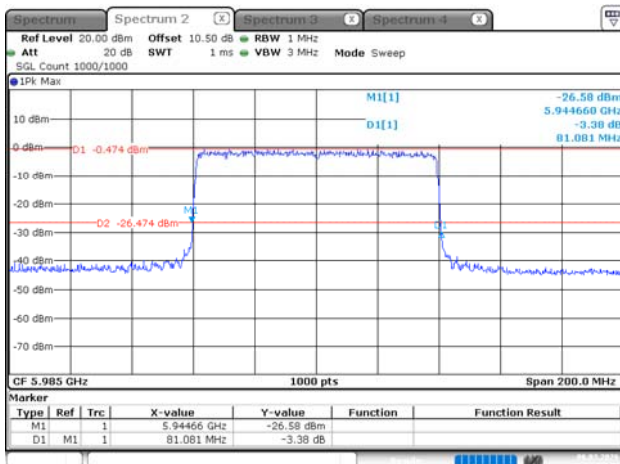
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Date: 6.MAR.2026 15:08:47

802.11ax40_6405MHz_Chain 0

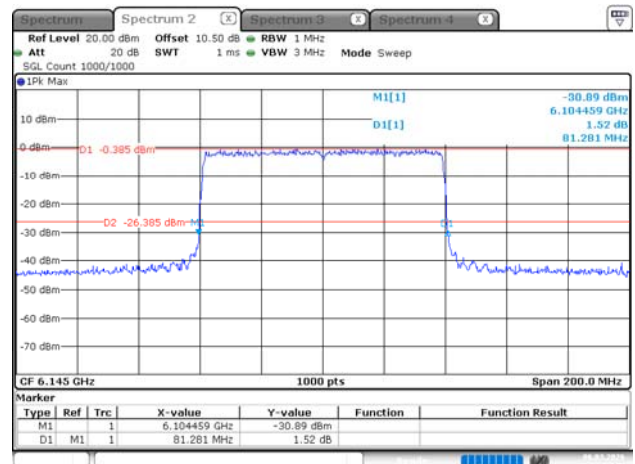


ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:10:20

802.11ax80_5985MHz_Chain 0

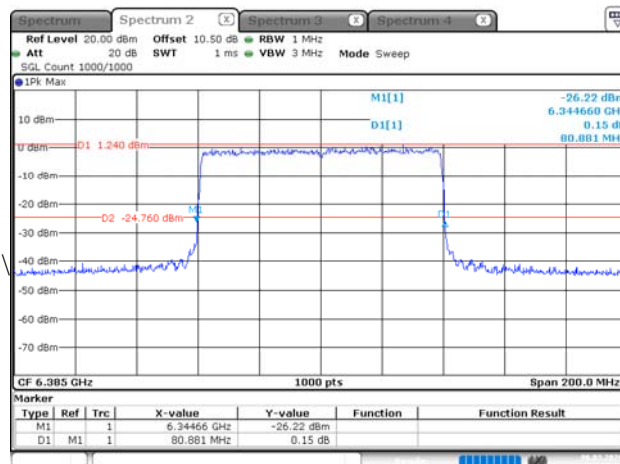


802.11ax80_6145MHz_Chain 0

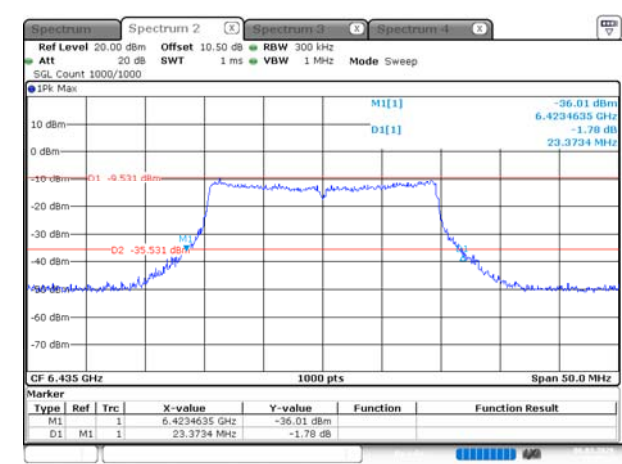


6425-6525 MHz

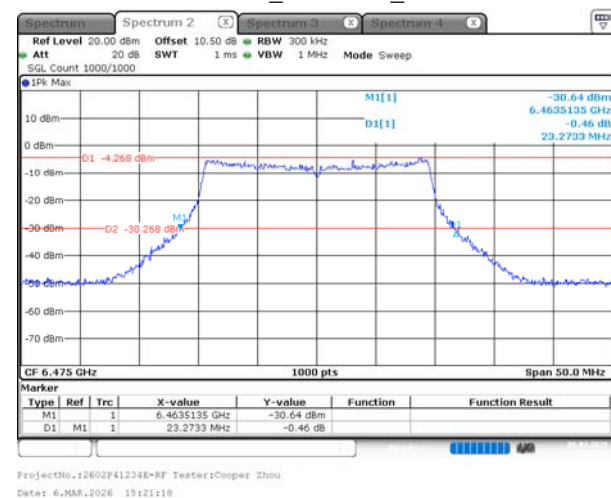
802.11ax80_6385MHz_Chain 0



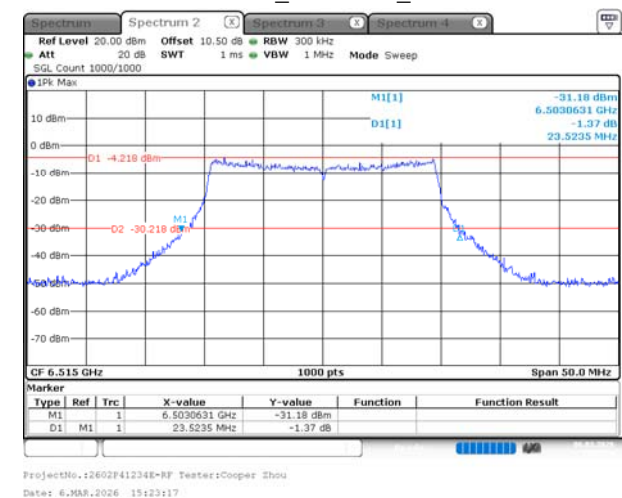
802.11ax20_6435MHz_Chain 0



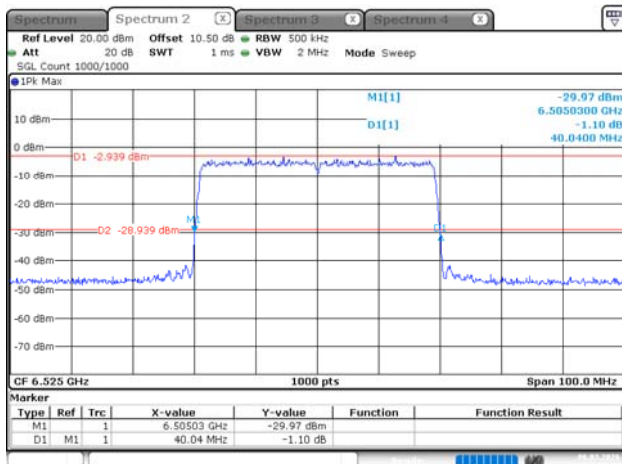
802.11ax20_6475MHz_Chain 0



802.11ax20_6515MHz_Chain 0

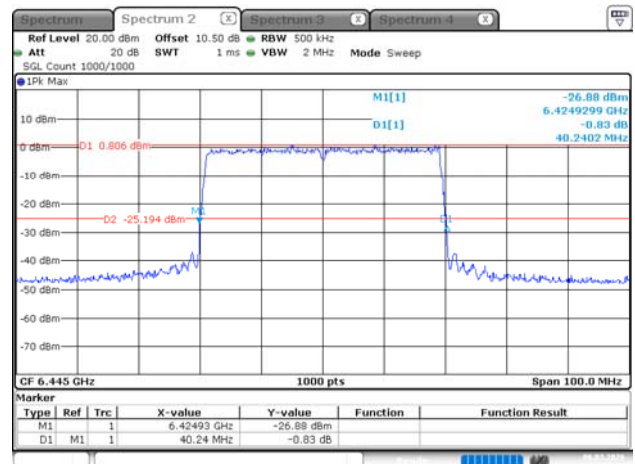


802.11ax40_6525MHz_Chain 0



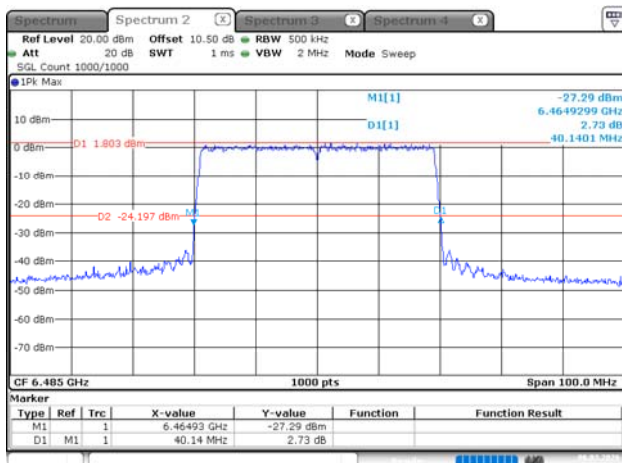
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:32:27

802.11ax40_6445MHz_Chain 0



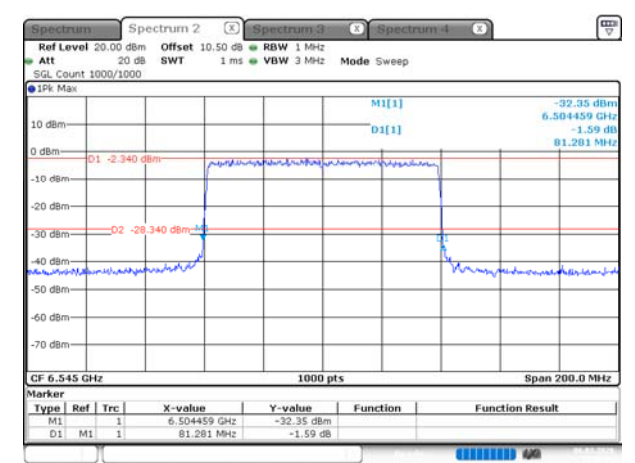
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:26:30

802.11ax40_6485MHz_Chain 0



ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:28:38

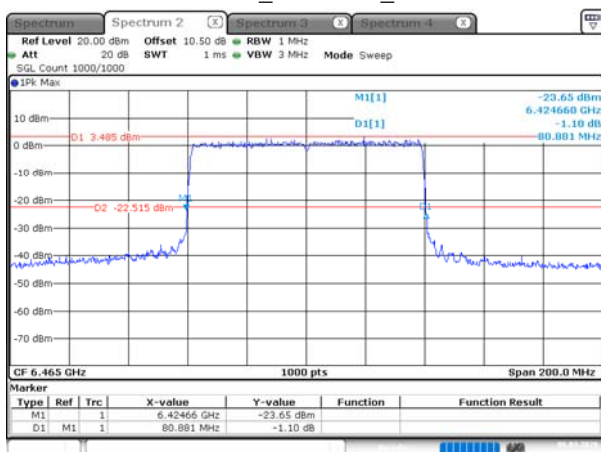
802.11ax80_6545MHz_Chain 0



ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:36:11

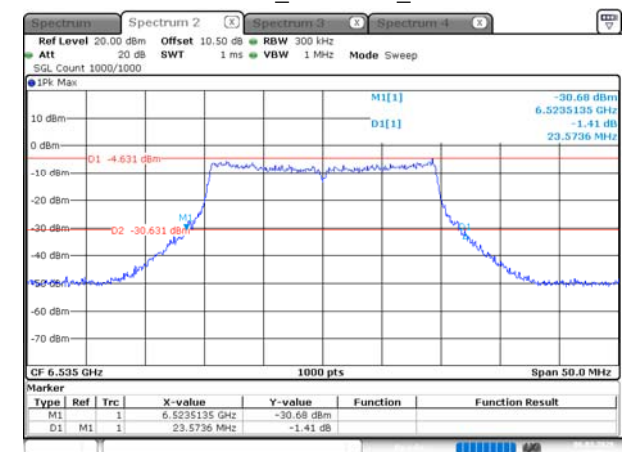
6525-6875MHz

802.11ax80_6465MHz_Chain 0



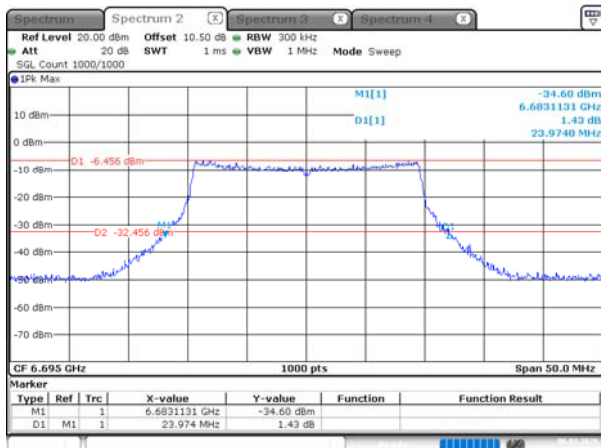
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Date: 6.MAR.2026 15:35:04

802.11ax20_6535MHz_Chain 0



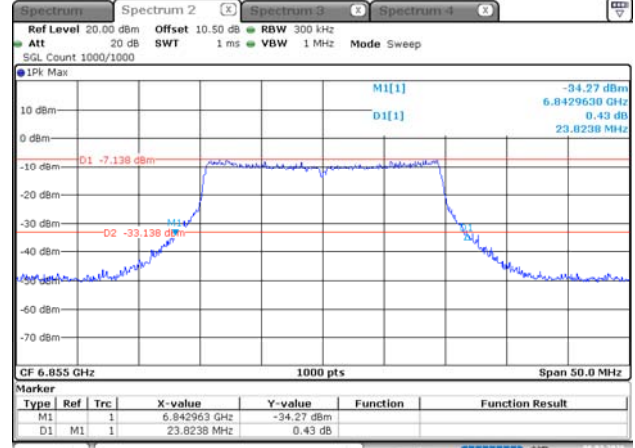
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:39:21

802.11ax20_6695MHz_Chain 0



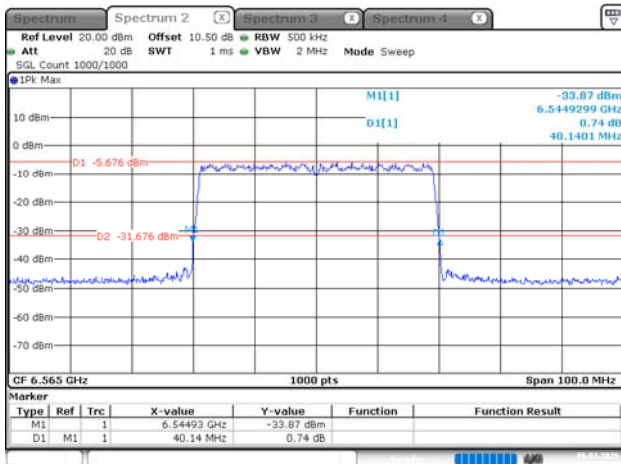
ProjectNo.:2602P41234E-RF TesteriCooper Zhou
Date: 6.MAR.2026 15:41:11

802.11ax20_6855MHz_Chain 0



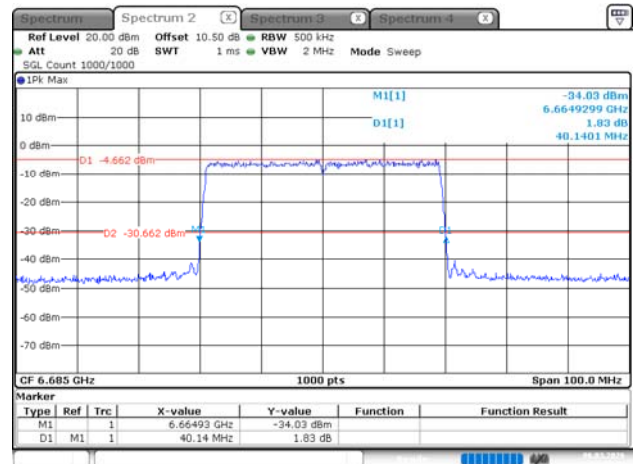
ProjectNo.:2602P41234E-RF TesteriCooper Zhou
Date: 6.MAR.2026 15:43:17

802.11ax40_6565MHz_Chain 0



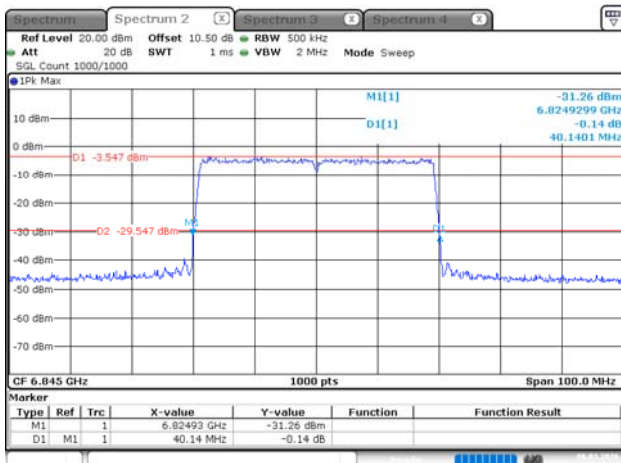
ProjectNo.:2602P41234E-RF TesteriCooper Zhou
Date: 6.MAR.2026 15:45:03

802.11ax40_6685MHz_Chain 0



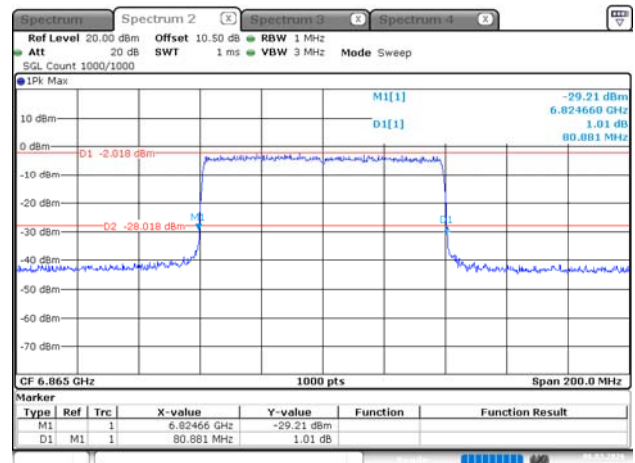
ProjectNo.:2602P41234E-RF TesteriCooper Zhou
Date: 6.MAR.2026 15:46:29

802.11ax40_6845MHz_Chain 0



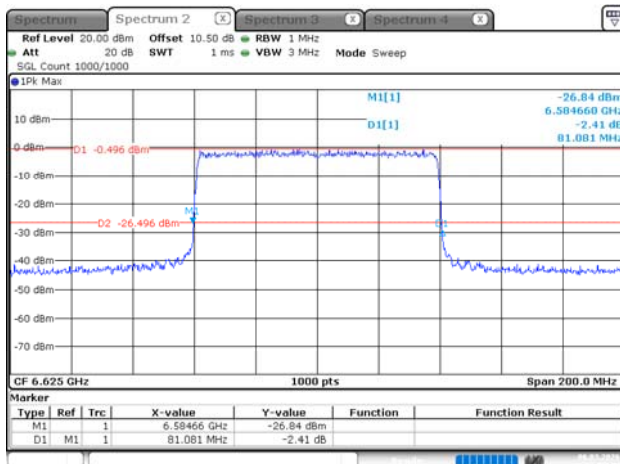
ProjectNo.:2602P41234E-RF TesteriCooper Zhou
Date: 6.MAR.2026 15:49:13

802.11ax80_6865MHz_Chain 0

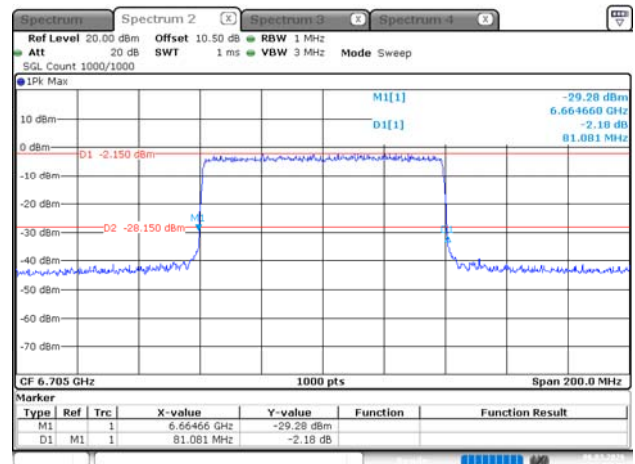


ProjectNo.:2602P41234E-RF TesteriCooper Zhou
Date: 6.MAR.2026 16:27:27

802.11ax80_6625MHz_Chain 0

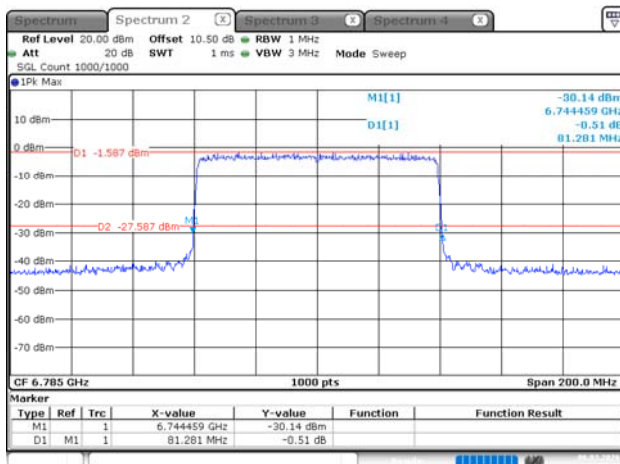


802.11ax80_6705MHz_Chain 0

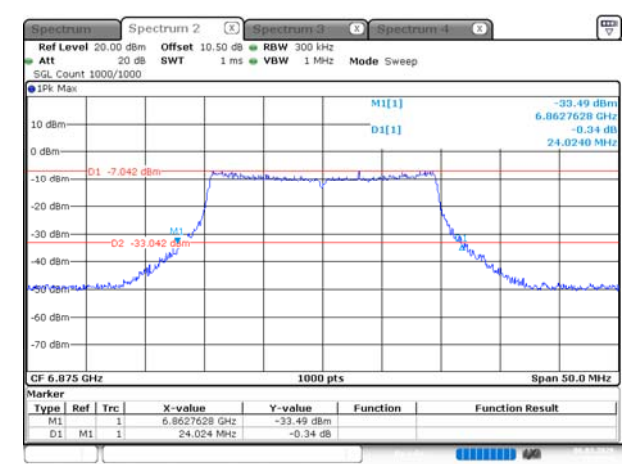


6875-7125 MHz

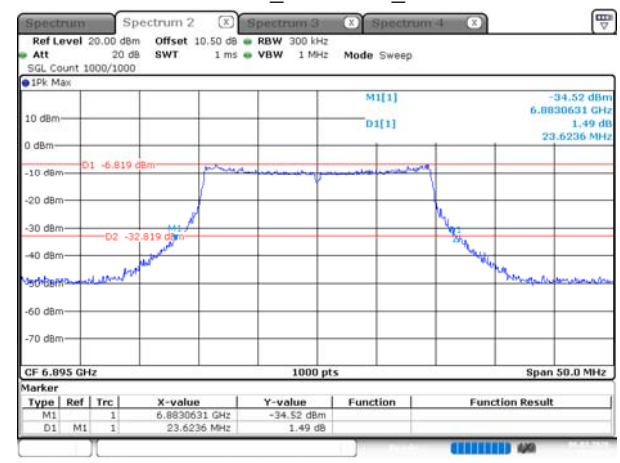
802.11ax80_6785MHz_Chain 0



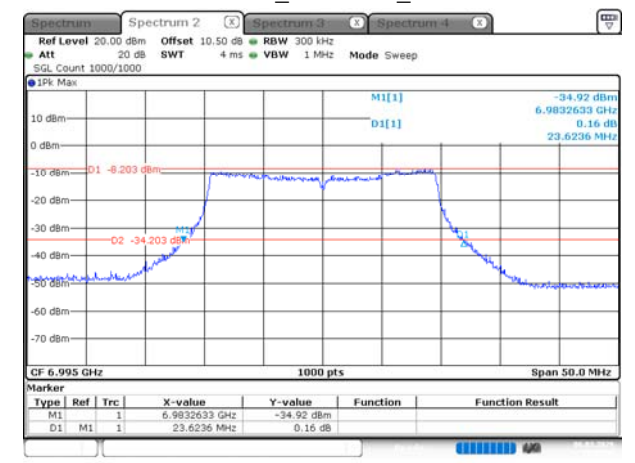
802.11ax20_6875MHz_Chain 0



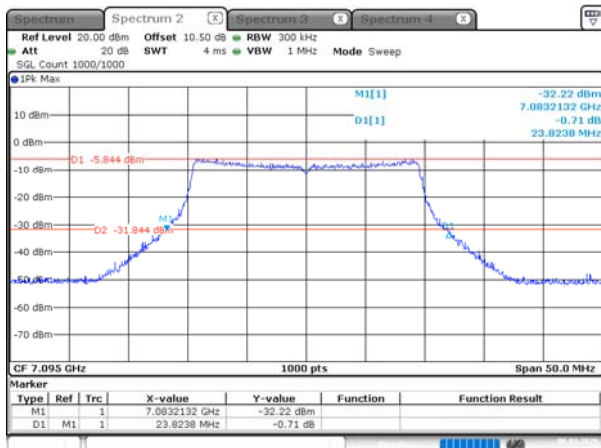
802.11ax20_6895MHz_Chain 0



802.11ax20_6995MHz_Chain 0

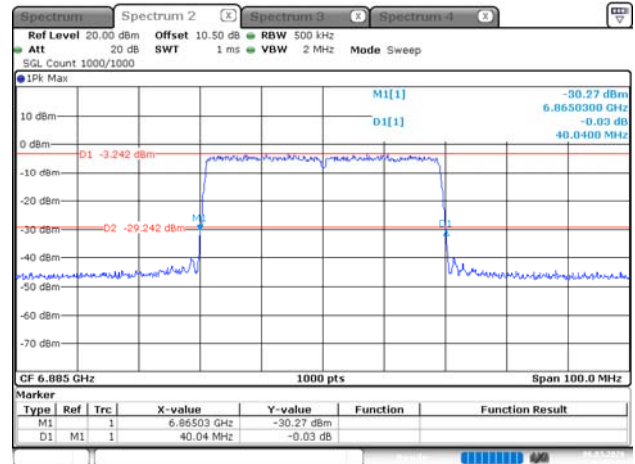


802.11ax20_7095MHz_Chain 0



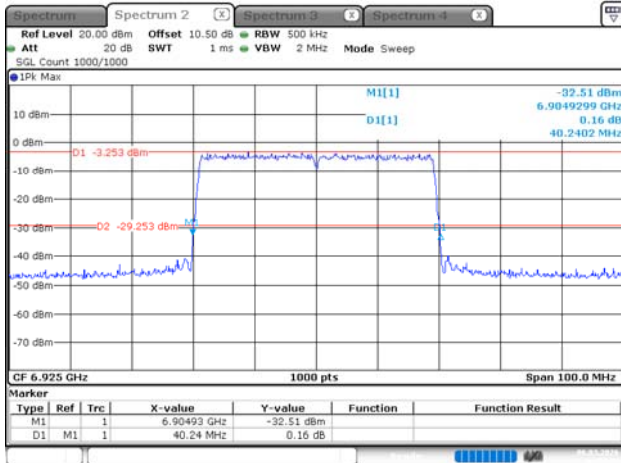
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:40:14

802.11ax40_6885MHz_Chain 0



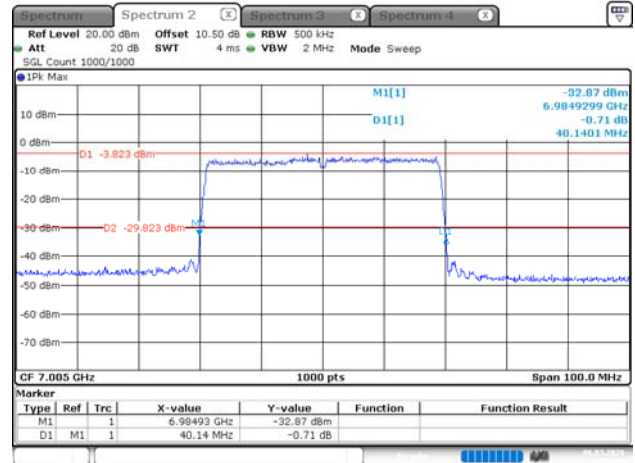
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Date: 6.MAR.2026 16:42:29

802.11ax40_6925MHz_Chain 0



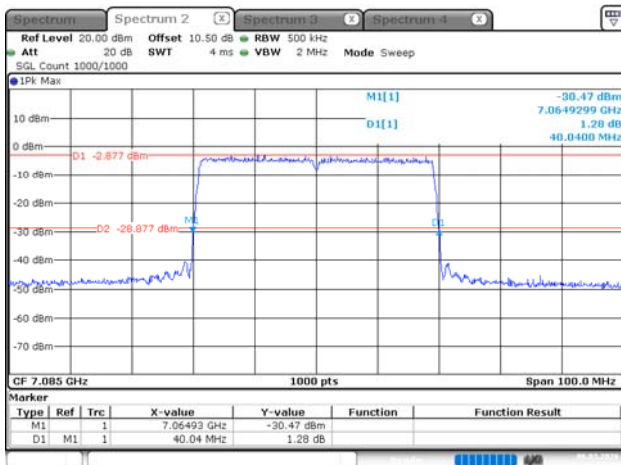
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:44:02

802.11ax40_7005MHz_Chain 0



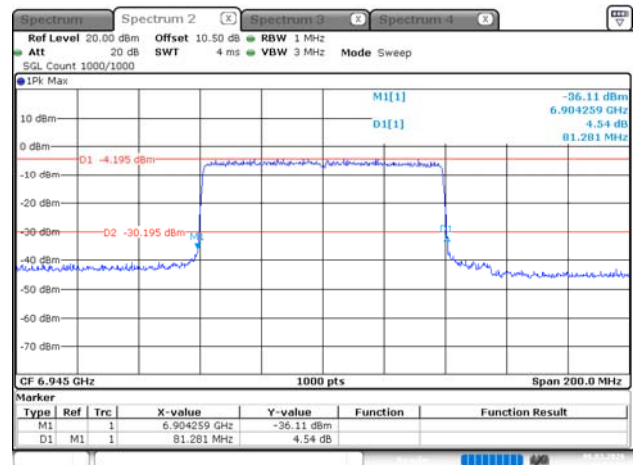
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:46:15

802.11ax40_7085MHz_Chain 0



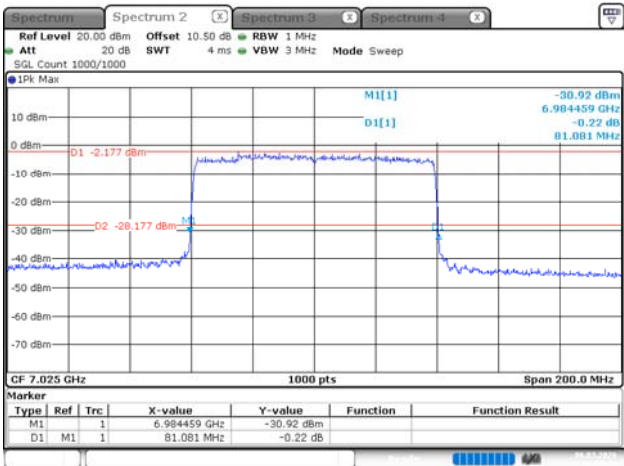
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:50:04

802.11ax80_6945MHz_Chain 0



ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:54:35

802.11ax80_7025MHz_Chain 0



ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:57:35

5.4 99% Occupied Bandwidth

Test Information:

Serial No.:	3FXP-2	Test Date:	2026/03/06
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cooper Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.7	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02

* 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).

Test Data:

Note: Test only was performed at Chain 0.

5925-6425 MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)	Verdict
802.11ax20	Chain 0	5955	19.20	Pass
		6175	19.20	Pass
		6415	19.20	Pass
802.11ax40	Chain 0	5965	38	Pass
		6165	37.90	Pass
		6405	37.90	Pass
802.11ax80	Chain 0	5985	77.40	Pass
		6145	77.40	Pass
		6385	77.40	Pass

6425-6525 MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)	Verdict
802.11ax20	Chain 0	6435	19.25	Pass
		6475	19.20	Pass
		6515	19.20	Pass
802.11ax40	Chain 0	6525	37.90	Pass
		6445	38	Pass
		6485	37.80	Pass
802.11ax80	Chain 0	6545	77.40	Pass
		6465	77.40	Pass

6525-6875MHz

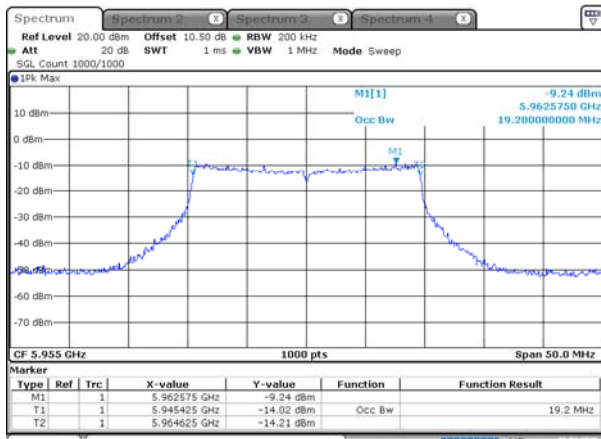
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)	Verdict
802.11ax20	Chain 0	6535	19.20	Pass
		6695	19.20	Pass
		6855	19.20	Pass
802.11ax40	Chain 0	6565	37.80	Pass
		6685	38	Pass
		6845	37.90	Pass
802.11ax80	Chain 0	6865	77.40	Pass
		6625	77.60	Pass
		6705	77.60	Pass
		6785	77.20	Pass

6875-7125 MHz

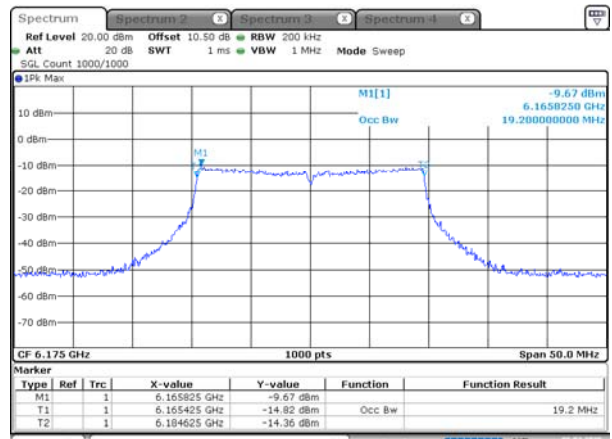
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)	Verdict
802.11ax20	Chain 0	6875	19.20	Pass
		6895	19.20	Pass
		6995	19.25	Pass
		7095	19.20	Pass
802.11ax40	Chain 0	6885	37.90	Pass
		6925	37.90	Pass
		7005	37.80	Pass
		7085	37.80	Pass
802.11ax80	Chain 0	6945	77.40	Pass
		7025	77.20	Pass

5925-6425 MHz

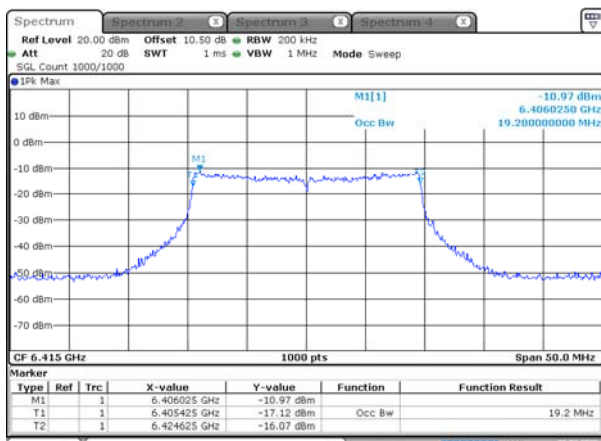
802.11ax20_5955MHz_Chain 0



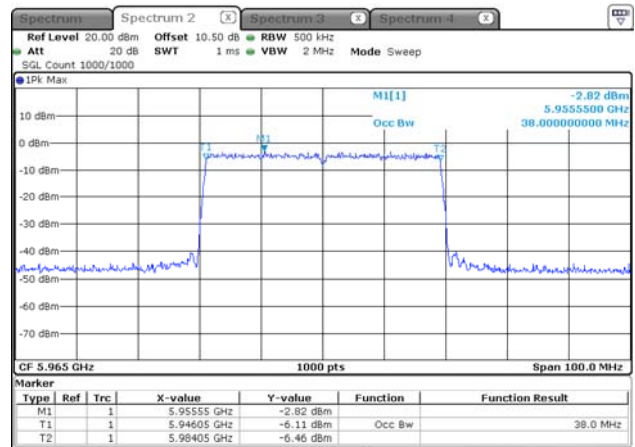
802.11ax20_6175MHz_Chain 0



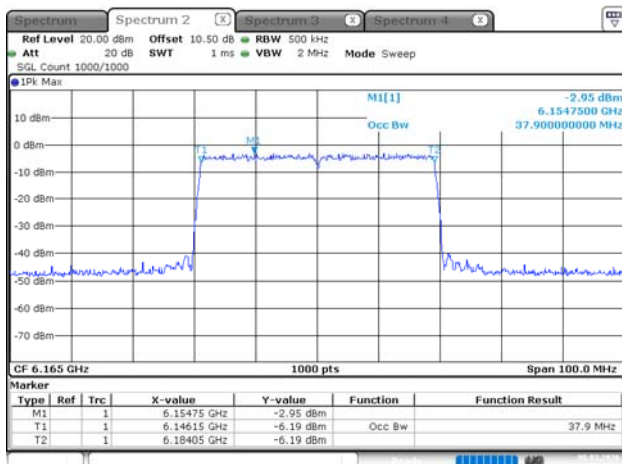
802.11ax20_6415MHz_Chain 0



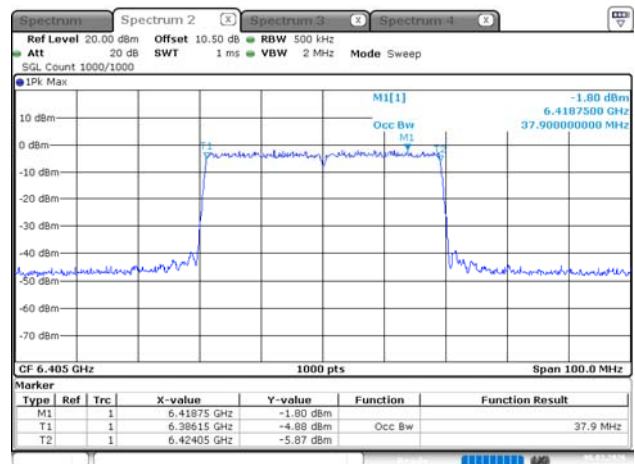
802.11ax40_5965MHz_Chain 0



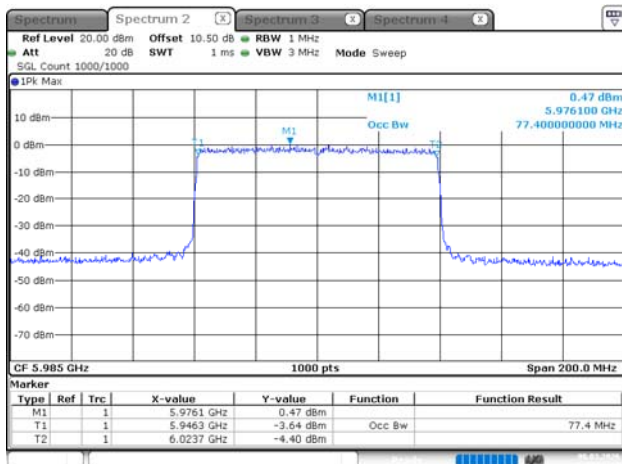
802.11ax40_6165MHz_Chain 0



802.11ax40_6405MHz_Chain 0

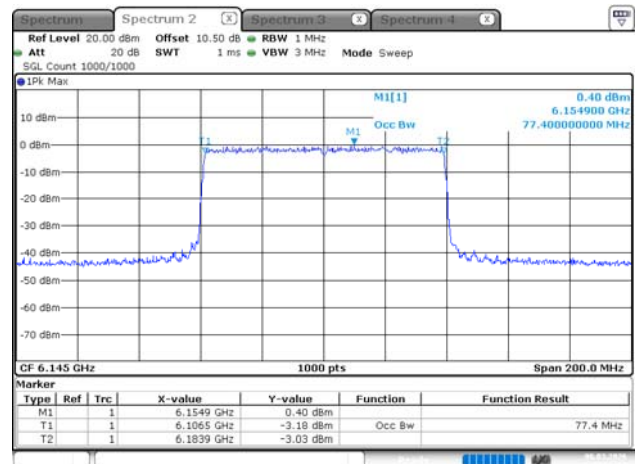


802.11ax80_5985MHz_Chain 0



ProjectNo.:2602P41234E-RF Testers:Cooper Zhou
Date: 6.MAR.2026 15:12:12

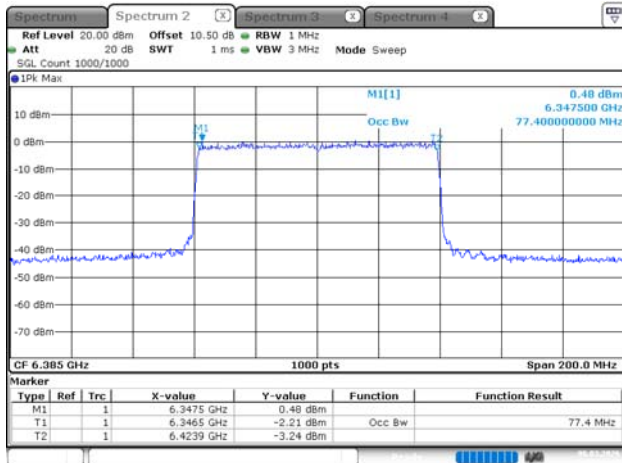
802.11ax80_6145MHz_Chain 0



ProjectNo.:2602P41234E-RF Testers:Cooper Zhou
Date: 6.MAR.2026 15:13:50

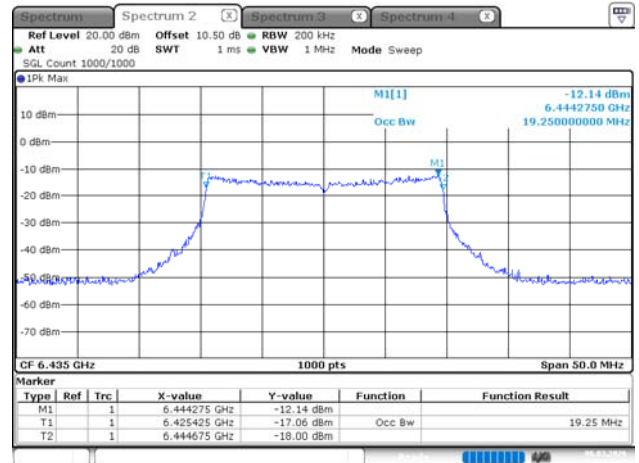
6425-6525 MHz

802.11ax80_6385MHz_Chain 0



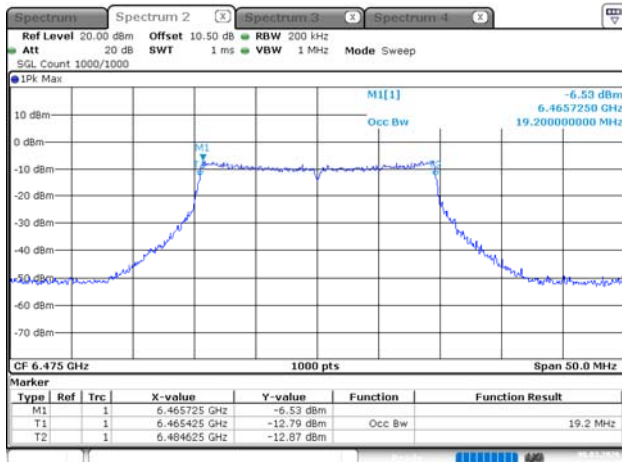
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Date: 6.MAR.2026 15:15:47

802.11ax20_6435MHz_Chain 0



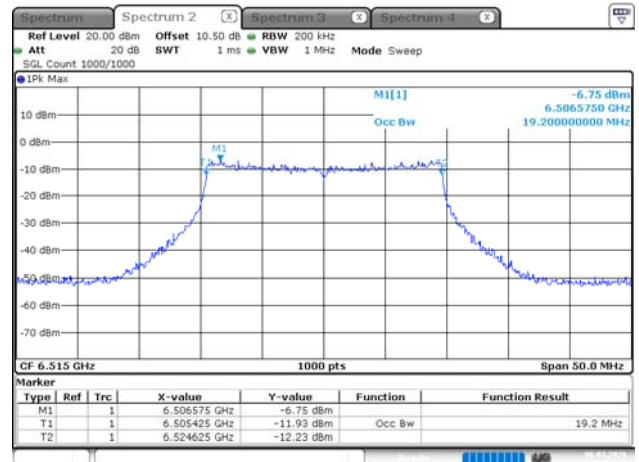
ProjectNo.:2602P41234E-RF Testers:Cooper Zhou
Date: 6.MAR.2026 15:19:37

802.11ax20_6475MHz_Chain 0



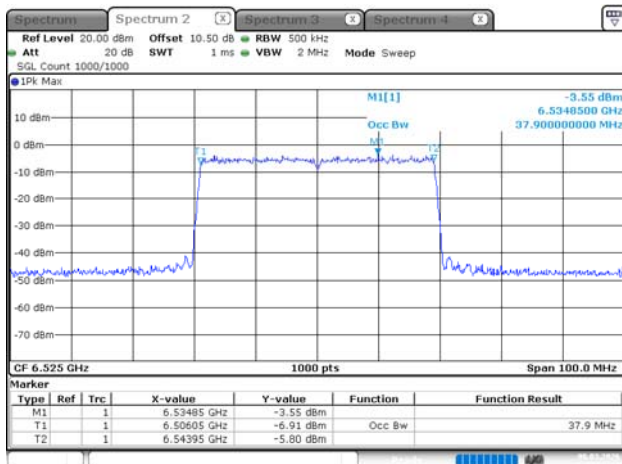
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Date: 6.MAR.2026 15:21:47

802.11ax20_6515MHz_Chain 0



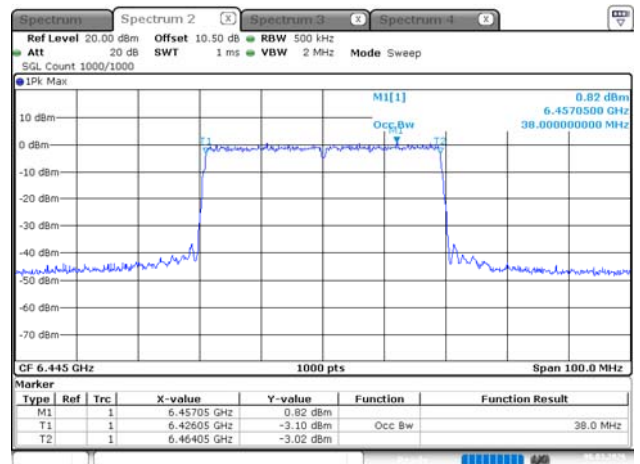
ProjectNo.:2602P41234E-RF Testers:Cooper Zhou
Date: 6.MAR.2026 15:23:45

802.11ax40_6525MHz_Chain 0



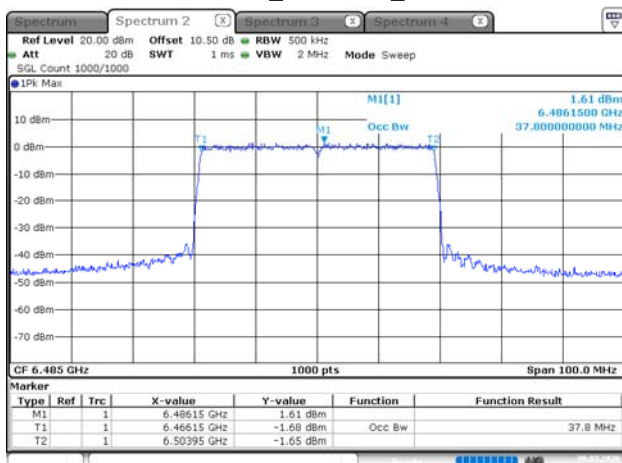
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:32:44

802.11ax40_6445MHz_Chain 0



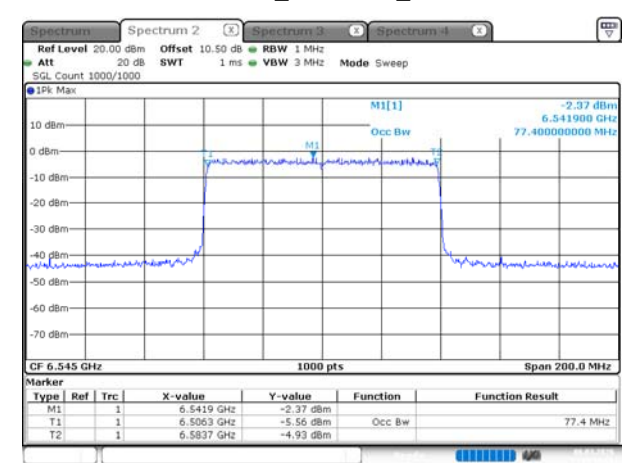
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:26:44

802.11ax40_6485MHz_Chain 0



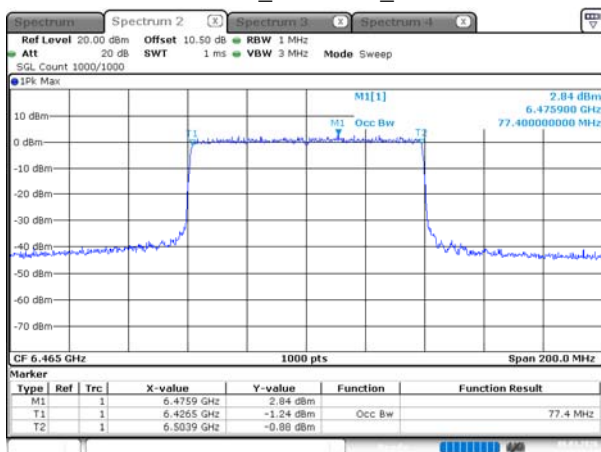
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:28:54

802.11ax80_6545MHz_Chain 0



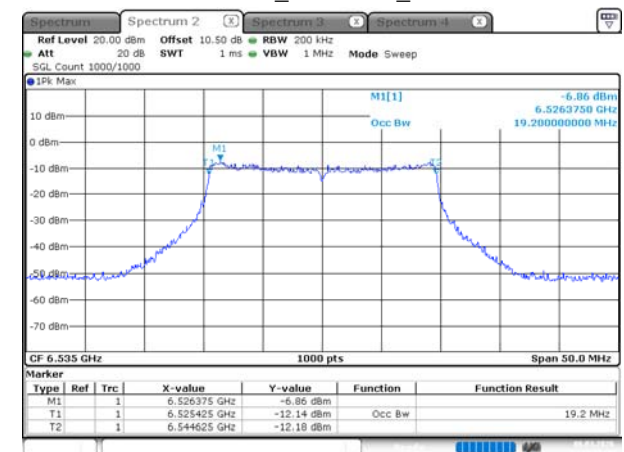
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:36:26

802.11ax80_6465MHz_Chain 0



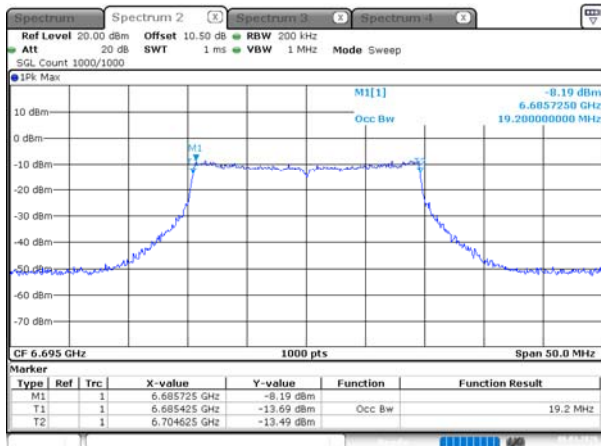
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:35:19

802.11ax20_6535MHz_Chain 0



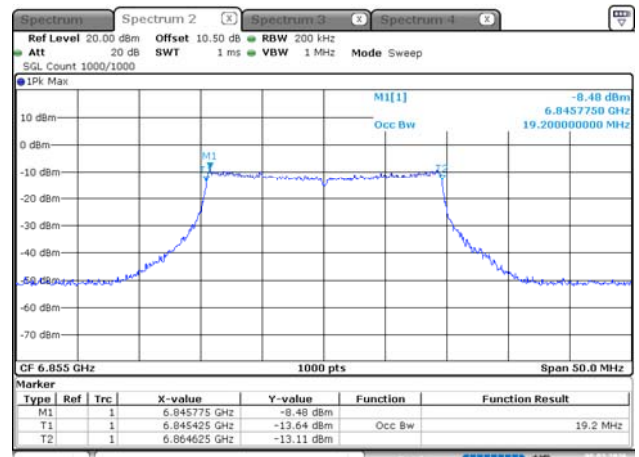
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:39:48

802.11ax20_6695MHz_Chain 0



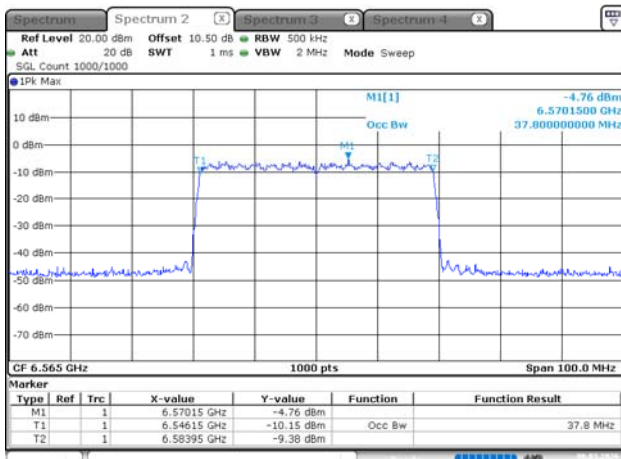
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:41:37

802.11ax20_6855MHz_Chain 0



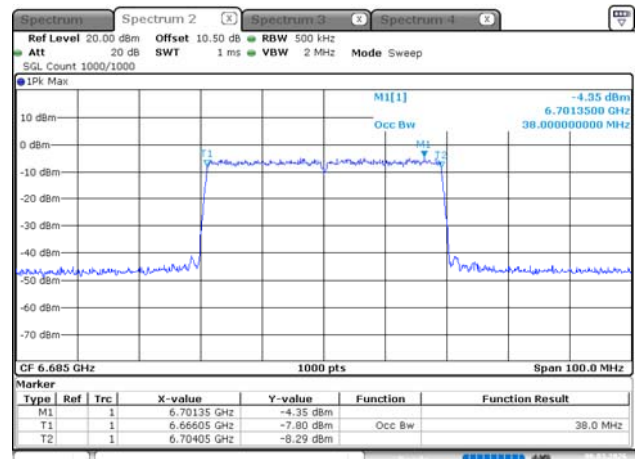
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:43:48

802.11ax40_6565MHz_Chain 0



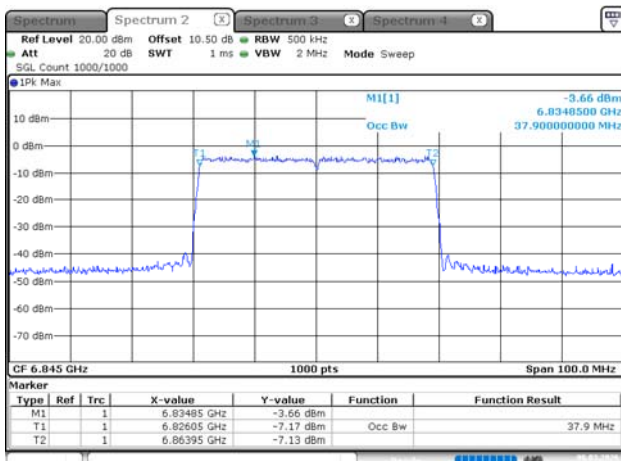
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:45:18

802.11ax40_6685MHz_Chain 0



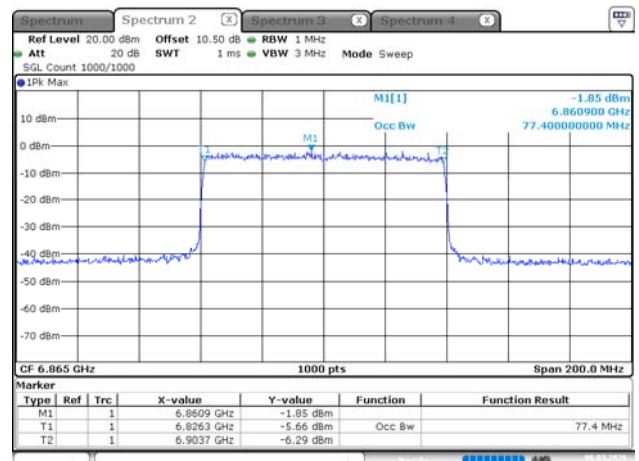
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:46:48

802.11ax40_6845MHz_Chain 0



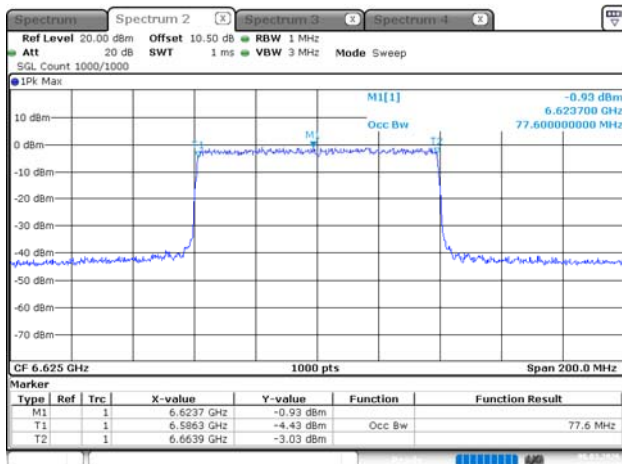
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:49:31

802.11ax80_6865MHz_Chain 0



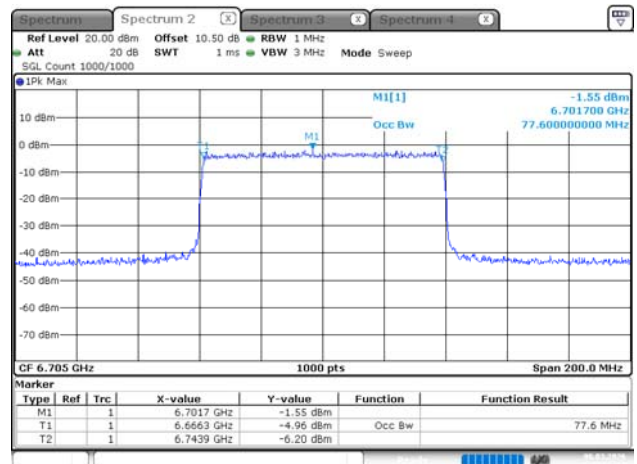
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:27:44

802.11ax80_6625MHz_Chain 0



ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 15:52:28

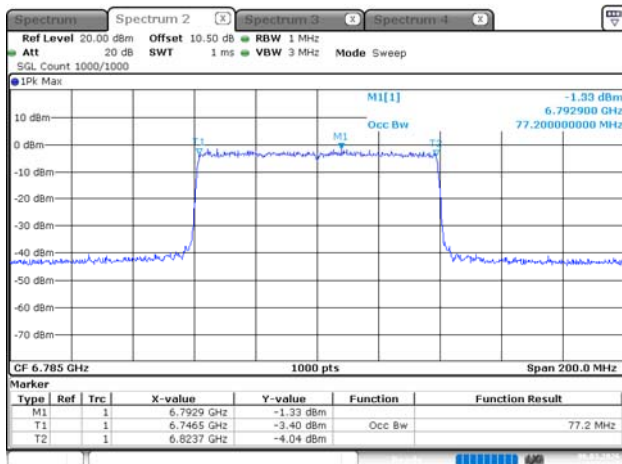
802.11ax80_6705MHz_Chain 0



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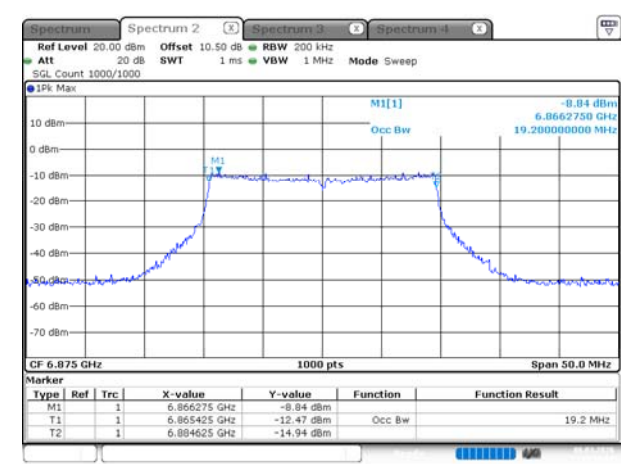
6875-7125 MHz

802.11ax80_6785MHz_Chain 0



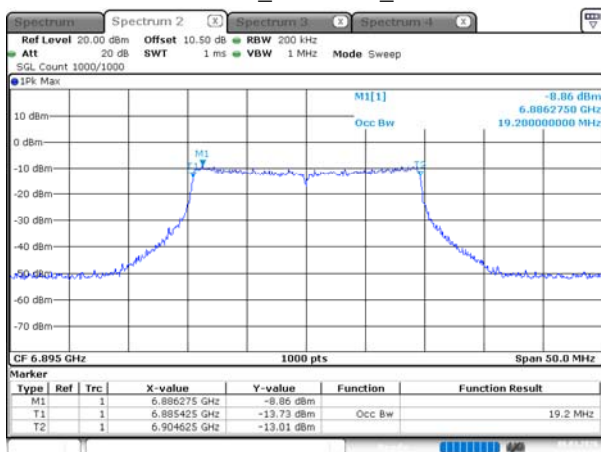
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:26:11

802.11ax20_6875MHz_Chain 0



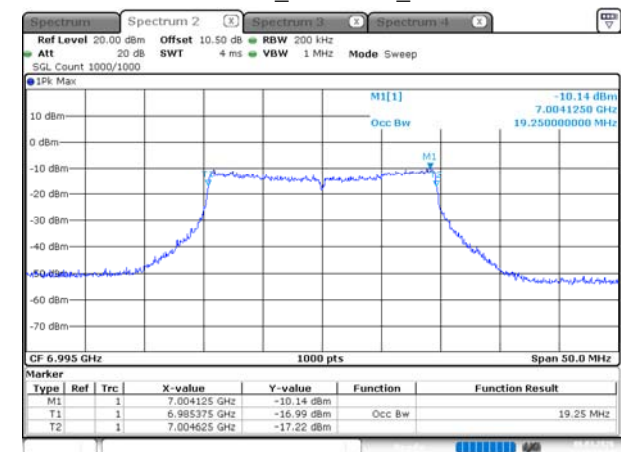
ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:32:39

802.11ax20_6895MHz_Chain 0



ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:34:49

802.11ax20_6995MHz_Chain 0



ProjectNo.:2602P41234E-RF Tester:Cooper Zhou
Date: 6.MAR.2026 16:38:31