

TEST REPORT

Applicant: Anker Innovations Limited

Address: Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

Product Name: Wi-Fi Module

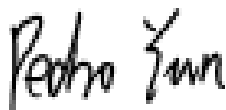
FCC ID: 2AOKB-T8709

Standard(s): 47 CFR Part 15, Subpart C(15.247)
ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024*
KDB 558074 D01 15.247 Meas Guidance v05r02

Report Number: 2502T57876E-RF-00A

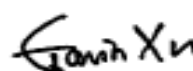
Report Date: 2025/9/12

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



Reviewed By: Pedro Yun

Title: Project Engineer



Approved By: Gavin Xu

Title: RF Supervisor

Bay Area Compliance Laboratories Corp. (Dongguan)
No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China

Tel: +86-769-86858888

Fax: +86-769-86858891

www.baclcorp.com.cn

Note: The information marked ▲ is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report cannot be reproduced except in full, without prior written approval of the Company. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0. This report may contain data that are not covered by the accreditation scope and shall be marked with ★. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Each test item follows the test standard(s) without deviation.

CONTENTS

DOCUMENT REVISION HISTORY	4
1. GENERAL INFORMATION	5
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
1.2 ACCESSORY INFORMATION	5
1.3 ANTENNA INFORMATION DETAIL ▲	5
1.4 EQUIPMENT MODIFICATIONS	5
2. SUMMARY OF TEST RESULTS	6
3. DESCRIPTION OF TEST CONFIGURATION	7
3.1 OPERATION FREQUENCY DETAIL	7
3.2 EUT OPERATION CONDITION	7
3.3 SUPPORT EQUIPMENT LIST AND DETAILS	7
3.4 SUPPORT CABLE LIST AND DETAILS	8
3.5 BLOCK DIAGRAM OF TEST SETUP	8
3.6 TEST FACILITY	10
3.7 MEASUREMENT UNCERTAINTY	10
4. REQUIREMENTS AND TEST PROCEDURES	11
4.1 AC LINE CONDUCTED EMISSIONS	11
4.1.1 Applicable Standard	11
4.1.2 EUT Setup	12
4.1.3 EMI Test Receiver Setup	12
4.1.4 Test Procedure	13
4.1.5 Corrected Amplitude & Margin Calculation	13
4.1.6 Test Result	13
4.2 RADIATION SPURIOUS EMISSIONS	14
4.2.1 Applicable Standard	14
4.2.2 EUT Setup	14
4.2.3 EMI Test Receiver & Spectrum Analyzer Setup	16
4.2.4 Test Procedure	17
4.2.5 Corrected Result & Margin Calculation	17
4.2.6 Test Result	17
4.3 MINIMUM 6 DB EMISSION BANDWIDTH	18
4.3.1 Applicable Standard	18
4.3.2 EUT Setup	18
4.3.3 Test Procedure	18
4.3.4 Test Result	18
4.4 99% OCCUPIED BANDWIDTH	19
4.4.1 EUT Setup	19
4.4.2 Test Procedure	19
4.4.3 Test Result	19
4.5 MAXIMUM CONDUCTED OUTPUT POWER	20
4.5.1 Applicable Standard	20
4.5.2 EUT Setup	20

4.5.3 Test Procedure	20
4.5.4 Test Result	20
4.6 MAXIMUM POWER SPECTRAL DENSITY	22
4.6.1 Applicable Standard	22
4.6.2 EUT Setup	22
4.6.3 Test Procedure	22
4.6.4 Test Result	22
4.7 CONDUCTED SPURIOUS EMISSION	23
4.7.1 Applicable Standard	23
4.7.2 EUT Setup	23
4.7.3 Test Procedure	23
4.7.4 Test Result	23
4.8 DUTY CYCLE	24
4.8.1 EUT Setup	24
4.8.2 Test Procedure	24
4.8.3 Judgment	24
4.9 ANTENNA REQUIREMENT	25
4.9.1 Applicable Standard	25
4.9.2 Judgment	25
5. Test DATA AND RESULTS	26
5.1 AC LINE CONDUCTED EMISSIONS	26
5.2 RADIATION SPURIOUS EMISSIONS	29
5.3 6dB EMISSION BANDWIDTH	60
5.4 99% OCCUPIED BANDWIDTH	63
5.5 MAXIMUM CONDUCTED OUTPUT POWER	66
5.6 POWER SPECTRAL DENSITY	68
5.7 CONDUCTED SPURIOUS EMISSION	74
5.8 DUTY CYCLE	86
EXHIBIT A - EUT PHOTOGRAPHS	88
EXHIBIT B - TEST SETUP PHOTOGRAPHS	89

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2502T57876E-RF-00A	Original Report	2025/9/12

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	Wi-Fi Module
EUT Model:	T8709
Operation Frequency:	2412-2462MHz (802.11b/g/n ht20/ax he20)
Maximum Peak Output Power (Conducted):	26.94dBm
Modulation Type:	802.11b:DSSS-DBPSK, DQPSK, CCK 802.11g/n: OFDM-BPSK, QPSK, 16QAM, 64QAM 802.11ax: OFDMA-BPSK, QPSK, 16QAM, 64QAM,256QAM,1024QAM
Rated Input Voltage:	DC 5V from USB
Serial Number:	32JF-5 (For AC Line Conducted Emissions test) 32JF-2 (For Radiated Spurious Emissions test) 32JF-1 (For RF conducted test)
EUT Received Date:	2025/5/9
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
/	/	/	/

1.3 Antenna Information Detail▲

Antenna	Antenna Type	input impedance (Ohm)	Frequency Range	Antenna Gain
Chain 0	PCB	50	2.4-2.5GHz	6.16dBi
Chain 1	PCB	50	2.4-2.5GHz	6.26dBi

Note: The system supports maximum 2T2R CDD modes for 802.11n/ax modes. 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=6.26dBi +0dB =6.26dBi For power spectral density (PSD) measurements: Array Gain = 10 log(N_{ANT}/N_{SS}) dB. directional gain=6.26 dBi +3dB =9.26dBi Calculate limit with 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)	AC Line Conducted Emissions	Compliant
§15.205, §15.209, §15.247(d)	Radiated Spurious Emissions	Compliant
§15.247 (a)(2)	Minimum 6 dB Bandwidth	Compliant
§15.247(b)(3)	Maximum Conducted Output Power	Compliant
§15.247(d)	Conducted Spurious Emission	Compliant
§15.247(e)	Power Spectral Density	Compliant
§15.203	Antenna Requirement	Compliant
Note 1: For AC line conducted emissions, the maximum peak output power mode and channel was tested. Note 2: For Radiated Spurious Emissions 9kHz~1GHz and 18~25GHz, the maximum peak output power mode and channel was tested.		

3. DESCRIPTION OF TEST CONFIGURATION

3.1 Operation Frequency Detail

For 802.11b/g/n ht20/ax he20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437	/	/

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

3.2 EUT Operation Condition

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

EUT Exercise Software:		WQ Emu					
The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer▲：							
Test Modes	Data Rate	Power Level Setting					
		Lowest Channel		Middle Channel		Highest Channel	
		Chain 0	Chain 1	Chain 0	Chain 1	Chain 0	Chain 1
802.11b	1Mbps	15	17	15	17	15	17
802.11g	6Mbps	17	17	17	17	17	17
802.11n ht20	MCS0	17	17	17	17	17	17
802.11ax he20	MCS0	13	13	13	13	13	13
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 in all modes, and MIMO 2Tx in 802.11n/ax modes, per pretest, 2Tx mode was the worst mode and reported for 802.11n/ax modes.							
3. For 802.11ax mode, the device not support partial RU mode.							

3.3 Support Equipment List and Details

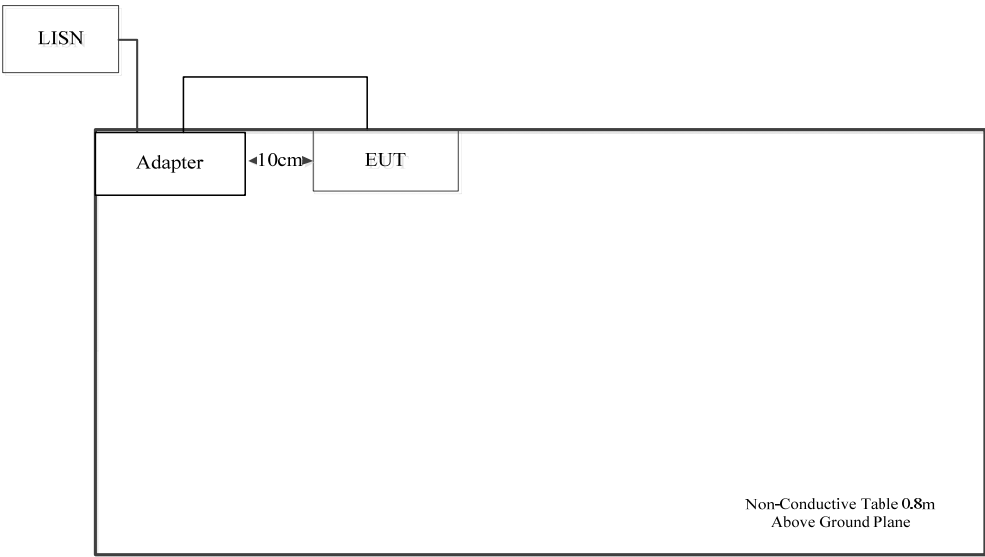
Manufacturer	Description	Model	Serial Number
TIANYIN ELECTRONICS	Adapter(USB)	TPA-46050200VU	TIAN15346

3.4 Support Cable List and Details

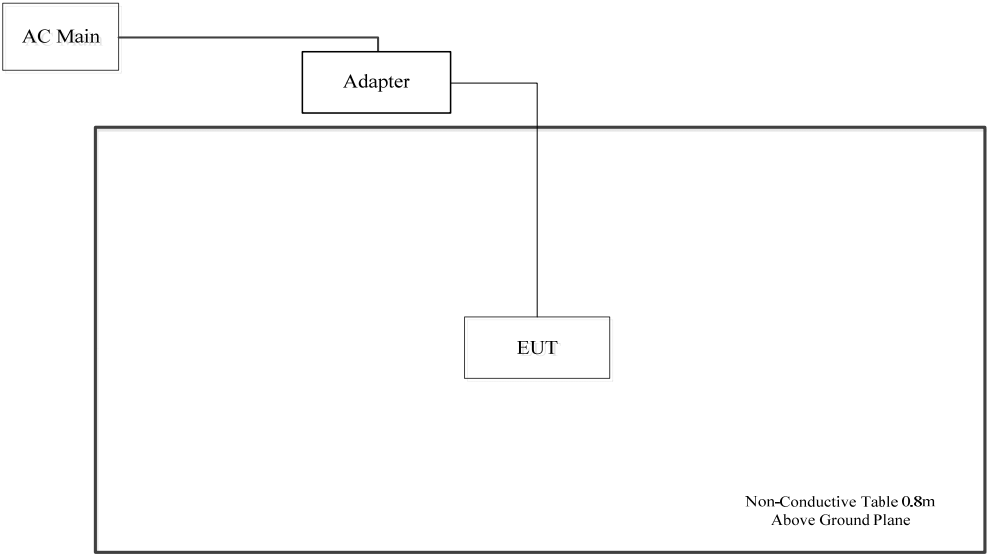
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Type-C Cable	no	no	1.1	EUT	Adapter

3.5 Block Diagram of Test Setup

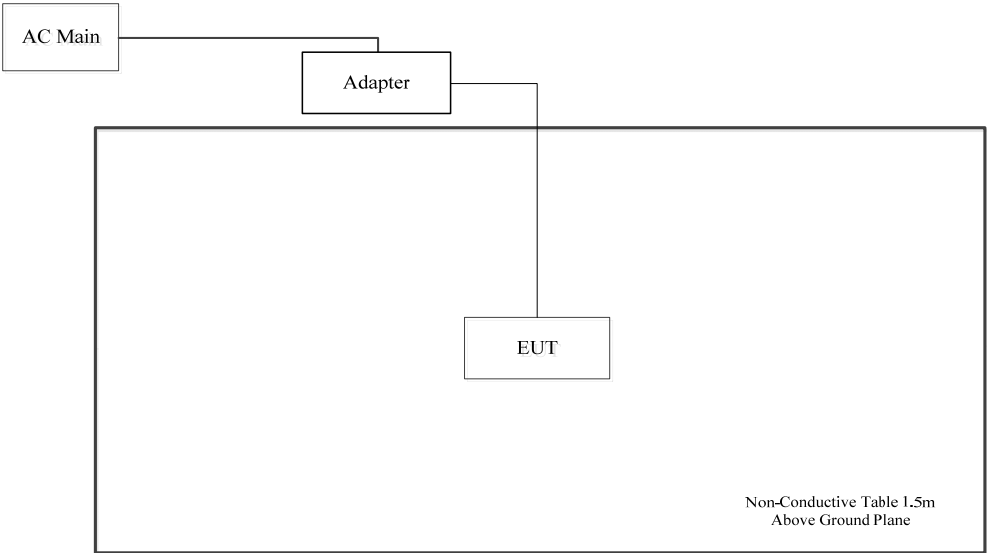
AC line conducted emissions:



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	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	9kHz~30MHz: 3.3dB, 30MHz~200MHz: 4.55 dB, 200MHz~1GHz: 5.92 dB, 1GHz~6GHz: 4.98 dB, 6GHz~18GHz: 5.89 dB, 18GHz~26.5GHz: 5.47 dB, 26.5GHz~40GHz: 5.63 dB
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1 °C
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	3.11 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:

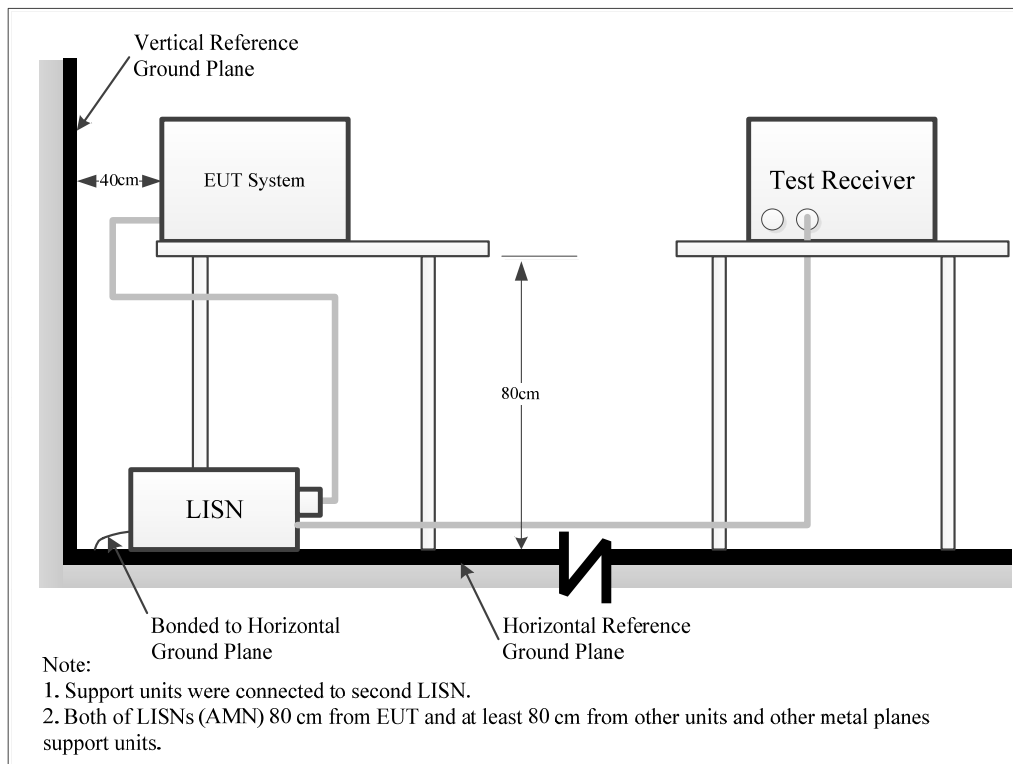
(1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.

(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.

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 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

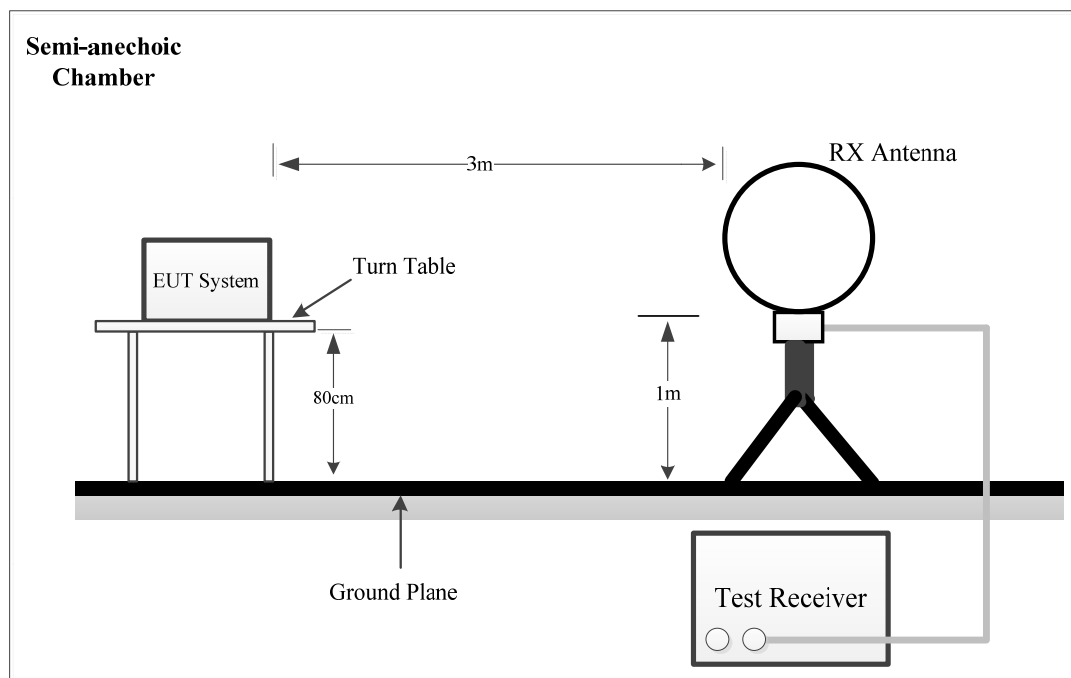
4.2.1 Applicable Standard

FCC §15.247 (d);

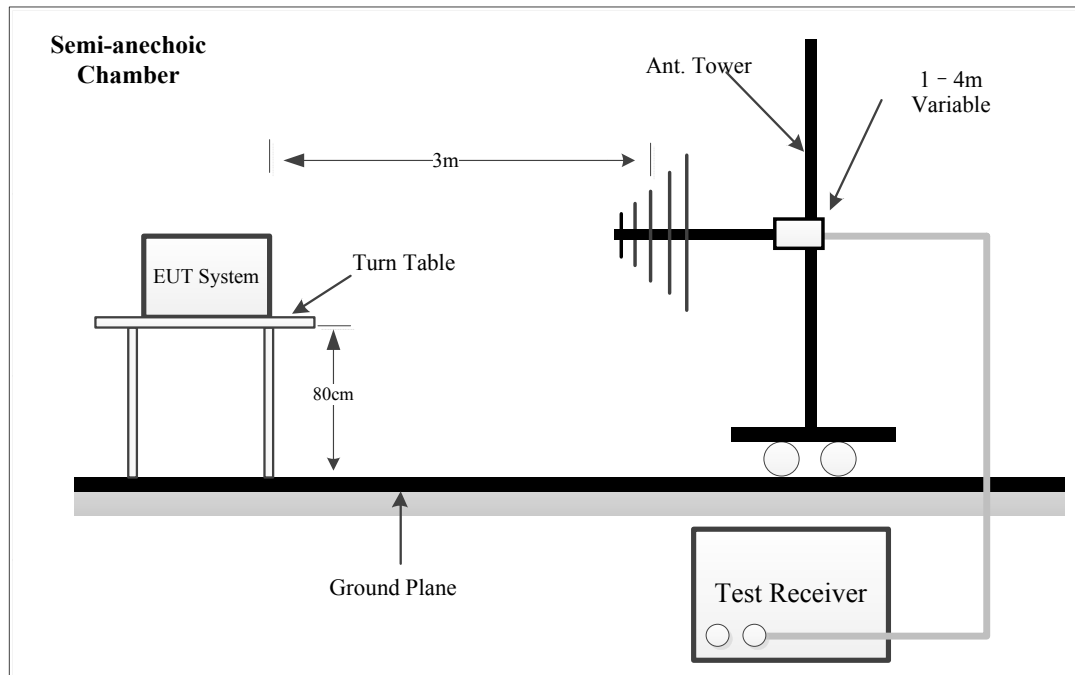
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

4.2.2 EUT Setup

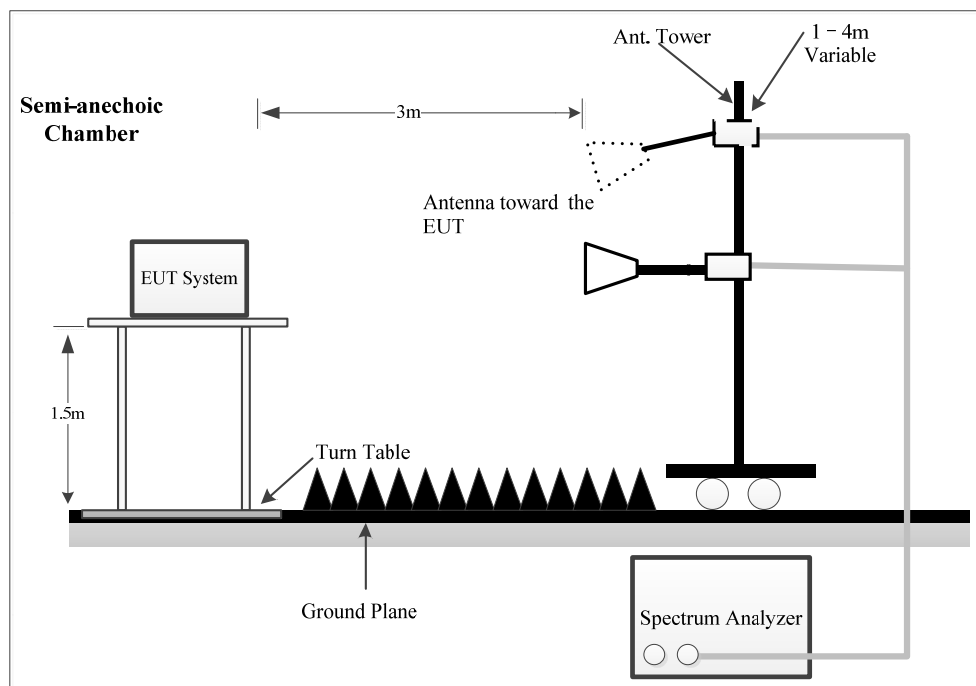
9kHz~30MHz:



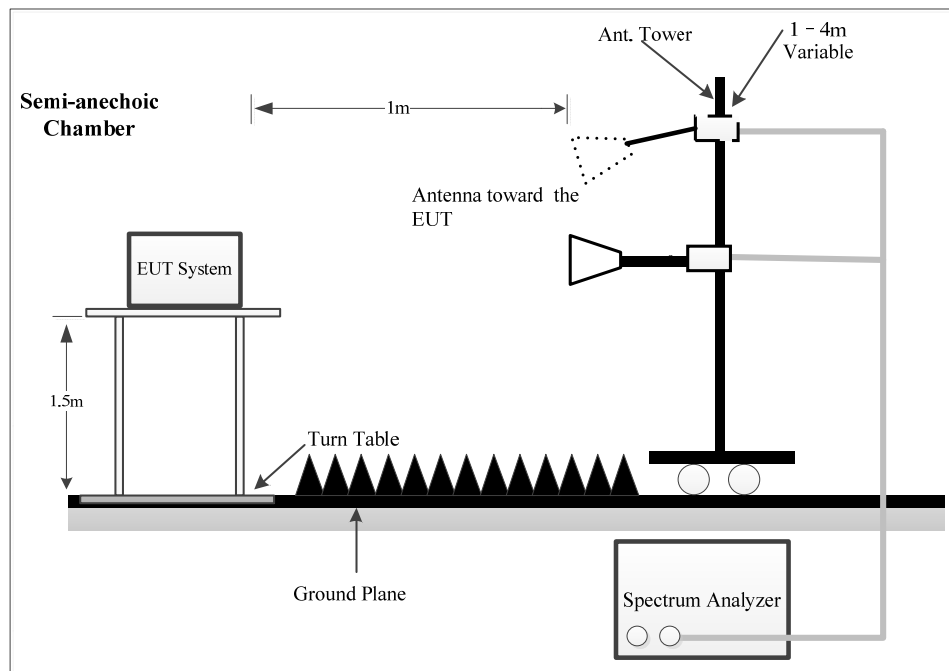
30MHz~1GHz:



1-18GHz:



18-25GHz:



The radiated emissions were performed in the semi-anechoic chamber, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, and FCC 15.247 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40cm long in the middle.

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 25 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- 25GHz:

Pre-scan:

Measurement	Detector	RBW	Video B/W
PK	PK	1MHz	3 MHz
Ave.	PK	1MHz	5kHz

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	≥1/T

Note: T is minimum transmission duration

4.2.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 9 kHz -1 GHz, except 9-90 kHz, 110-490 kHz, employing an average detector, peak and Average detection modes for frequencies above 1 GHz.

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

For Radiated 18-25GHz 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 18-25GHz test is as follows:

Factor = Antenna Factor + Cable Loss- Amplifier Gain

For Radiated 18-25GHz test:

Factor = Antenna Factor + Cable Loss- Distance extrapolation Factor

Result = Reading + 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:

Margin = Limit – Result

4.2.6 Test Result

Please refer to section 5.2.

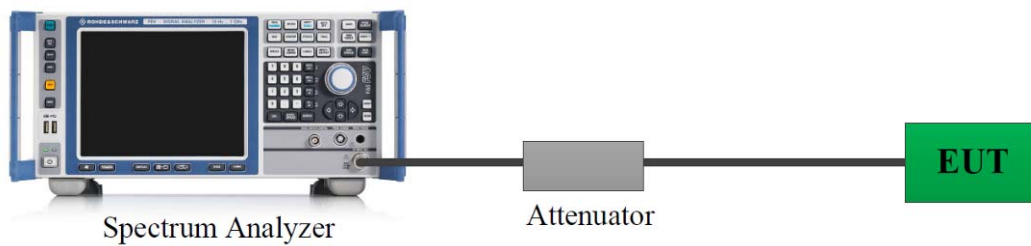
4.3 Minimum 6 dB Emission Bandwidth

4.3.1 Applicable Standard

FCC §15.247 (a)(2)

Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

4.3.2 EUT Setup



4.3.3 Test Procedure

According to ANSI C63.10-2020 Section 11.8

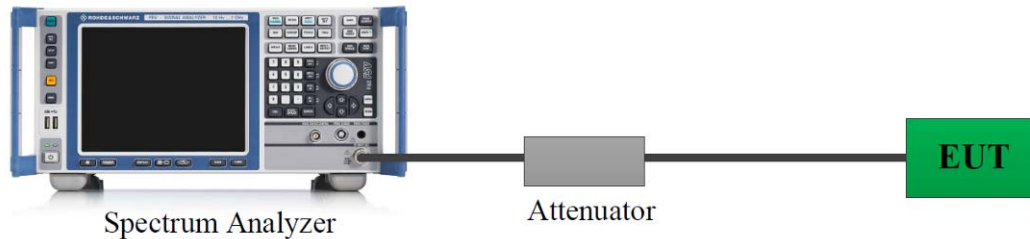
- Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = Peak.
- Trace mode = max hold.
- Sweep = No faster than coupled (auto) time.
- Allow the trace to stabilize.
- Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.

4.3.4 Test Result

Please refer to section 5.3.

4.4 99% Occupied Bandwidth

4.4.1 EUT Setup



4.4.2 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:

- 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.
- 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.
- 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 $[10 \log (\text{OBW}/\text{RBW})]$ below the reference level. Specific guidance is given in 4.1.6.2.
- Step a) through step c) might require iteration to adjust within the specified range.
- 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.
- Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- 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.
- 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).

4.4.3 Test Result

Please refer to section 5.4.

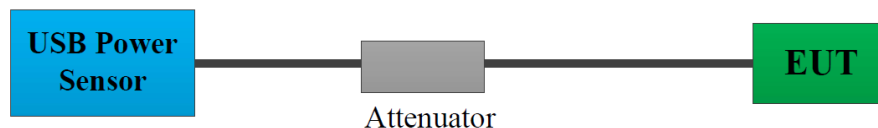
4.5 Maximum Conducted Output Power

4.5.1 Applicable Standard

FCC §15.247 (b)(3)

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

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

According to ANSI C63.10-2020 Section 11.9.1.2

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

- Set the EUT in transmitting mode.
- Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to test equipment.
- Add a correction factor to the display.
- Set the power meter to test peak output power, record the result.

According to ANSI C63.10-2020 Section 11.9.2.3.2

Method AVGPM-G is a measurement using a gated RF average power meter.

Alternatively, 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. Because 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.

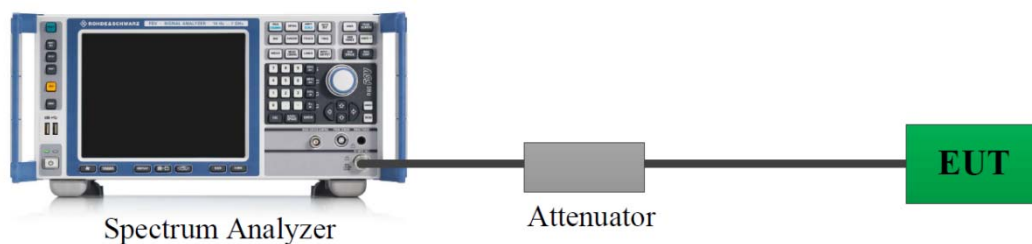
4.6 Maximum Power Spectral Density

4.6.1 Applicable Standard

FCC §15.247 (e)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

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 ANSI C63.10-2020 Section 11.10.2

The following procedure shall be used if maximum peak conducted output power was used to determine compliance:

- Set analyzer center frequency to DTS channel center frequency.
- Set the span >1.5 times the DTS bandwidth.
- Set RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- Set VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW.
- If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

4.6.4 Test Result

Please refer to section 5.6.

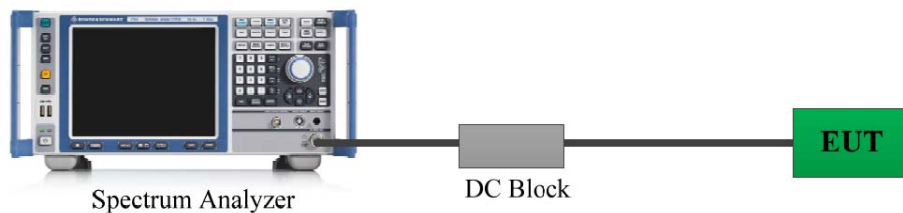
4.7 Conducted Spurious Emission

4.7.1 Applicable Standard

FCC §15.247 (d);

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

4.7.2 EUT Setup



4.7.3 Test Procedure

According to ANSI C63.10-2020 Section 11.11

- Set the center frequency and span to encompass frequency range to be measured.
- Set the RBW = 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

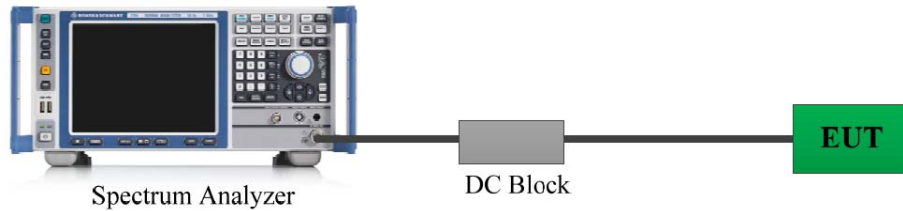
Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

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 11.6

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 Antenna Requirement

4.9.1 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.

4.9.2 Judgment

Compliant. Please refer to the Antenna Information detail in Section 1.3.

5. Test DATA AND RESULTS

5.1 AC Line Conducted Emissions

Serial Number:	32JF-5	Test Date:	2025/5/17
Test Site:	CE	Test Mode:	Transmitting
Tester:	Yolo Fan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	27.3	Relative Humidity: (%)	53	ATM Pressure: (kPa)	101.1
----------------------	------	---------------------------	----	------------------------	-------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101614	2024/9/5	2025/9/4
Unknown	Coaxial Cable	RG 142	C-0200-05	2025/5/6	2026/5/5
R&S	EMI Test Receiver	ESCI	101121	2024/9/5	2025/9/4
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:

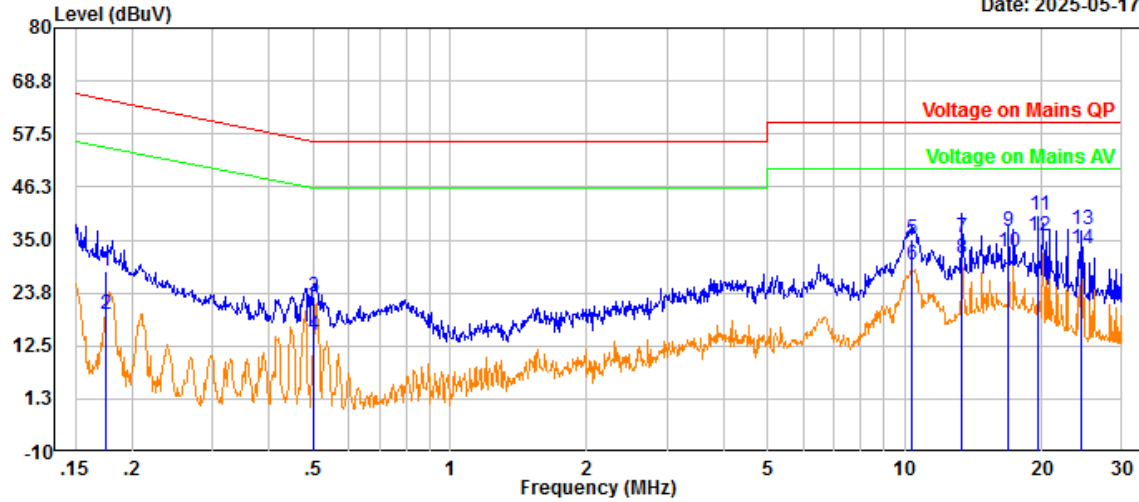
Please refer to the below table and plots.

Note: 802.11g High channel Chain 1 was tested.

Project No.: 2502T57876E-RF
Port: Line
Test Mode: Transmitting
Note: IF B/W 9KHz PK/AV

Serial No.: 32JF-5
Tester: Yolo Fan

Date: 2025-05-17

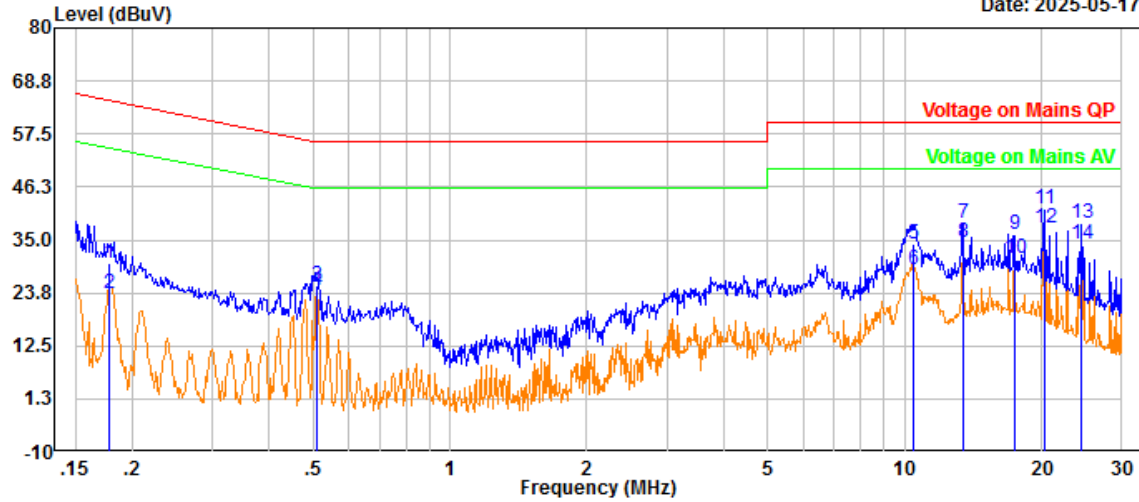


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.175	17.60	10.75	28.35	64.71	36.36	QP
2	0.175	8.56	10.75	19.31	54.71	35.40	Average
3	0.503	12.06	10.81	22.87	56.00	33.13	QP
4	0.503	3.82	10.81	14.63	46.00	31.37	Average
5	10.321	24.54	10.77	35.31	60.00	24.69	QP
6	10.321	19.10	10.77	29.87	50.00	20.13	Average
7	13.359	24.80	10.85	35.65	60.00	24.35	QP
8	13.359	20.14	10.85	30.99	50.00	19.01	Average
9	16.841	25.83	10.91	36.74	60.00	23.26	QP
10	16.841	21.58	10.91	32.49	50.00	17.51	Average
11	19.707	29.23	10.93	40.16	60.00	19.84	QP
12	19.707	24.91	10.93	35.84	50.00	14.16	Average
13	24.350	26.27	10.95	37.22	60.00	22.78	QP
14	24.350	22.33	10.95	33.28	50.00	16.72	Average

Project No.: 2502T57876E-RF
Port: neutral
Test Mode: Transmitting
Note: IF B/W 9KHz PK/AV

Serial No.: 32JF-5
Tester: Yolo Fan

Date: 2025-05-17



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.178	19.30	10.80	30.10	64.59	34.49	QP
2	0.178	12.96	10.80	23.76	54.59	30.83	Average
3	0.510	14.49	10.71	25.20	56.00	30.80	QP
4	0.510	13.49	10.71	24.20	46.00	21.80	Average
5	10.421	23.33	10.86	34.19	60.00	25.81	QP
6	10.421	18.01	10.86	28.87	50.00	21.13	Average
7	13.420	27.58	10.88	38.46	60.00	21.54	QP
8	13.420	23.58	10.88	34.46	50.00	15.54	Average
9	17.391	25.16	10.91	36.07	60.00	23.93	QP
10	17.391	20.13	10.91	31.04	50.00	18.96	Average
11	20.258	30.79	10.93	41.72	60.00	18.28	QP
12	20.258	26.65	10.93	37.58	50.00	12.42	Average
13	24.350	27.41	10.99	38.40	60.00	21.60	QP
14	24.350	23.11	10.99	34.10	50.00	15.90	Average

5.2 Radiation Spurious Emissions

1)9kHz - 1GHz

Serial Number:	32JF-2	Test Date:	2025/5/15
Test Site:	Chamber A	Test Mode:	Transmitting
Tester:	Jayce Wang	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	26.7	Relative Humidity: (%)	44	ATM Pressure: (kPa)	101.1

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
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	2024/7/1	2025/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2024/7/1	2025/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2024/7/1	2025/6/30
Sonoma	Amplifier	310N	372193	2024/8/16	2025/8/15
R&S	EMI Test Receiver	ESR3	102453	2024/8/26	2025/8/25
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:

Please refer to the below table and plots.

Note: 802.11g High channel Chain 1was tested.

9kHz~30MHz

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

Project No.: 2502T57876E-RF

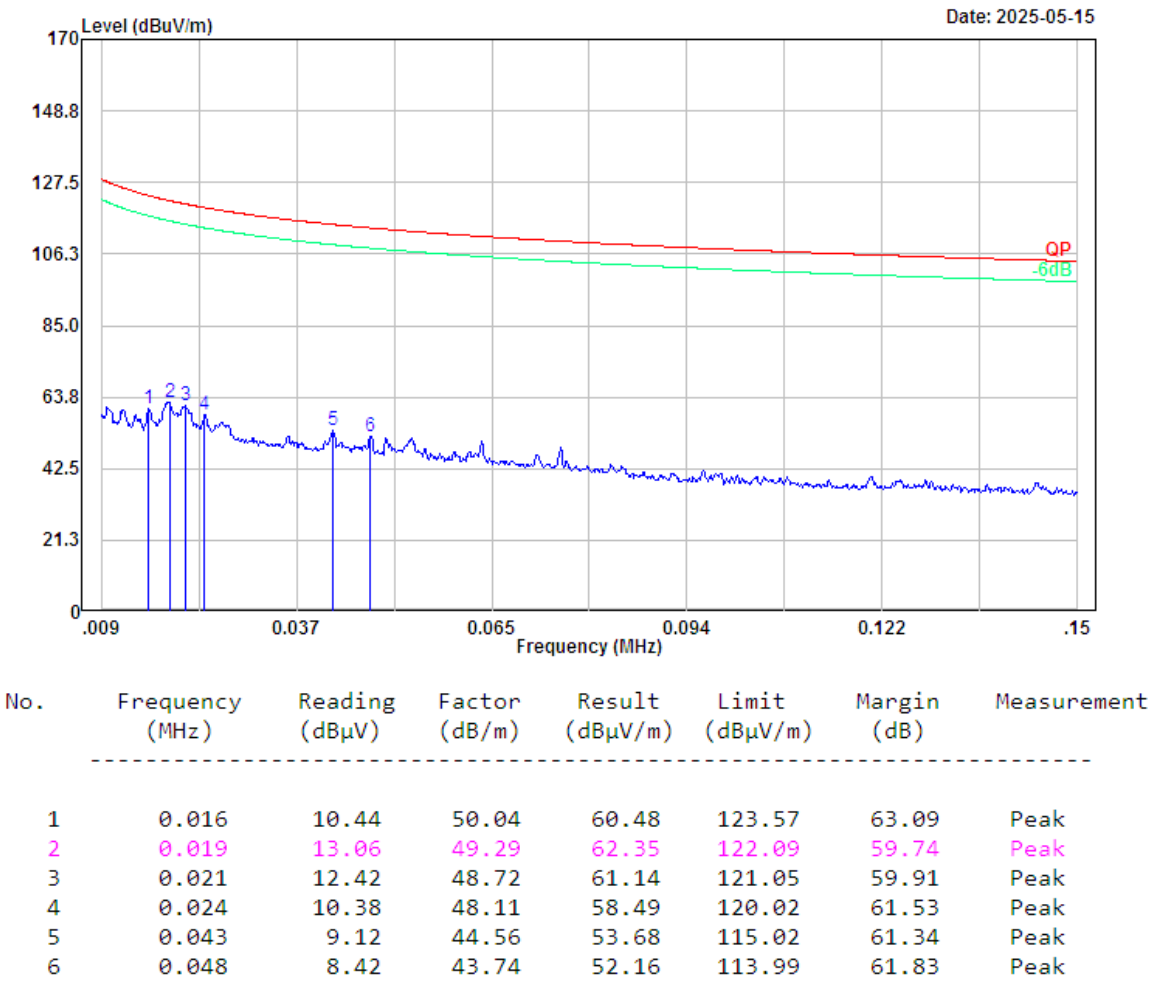
Serial No.: 320F-2

Polarization: Parallel

Tester: Jayce Wang

Test Mode: Transmitting

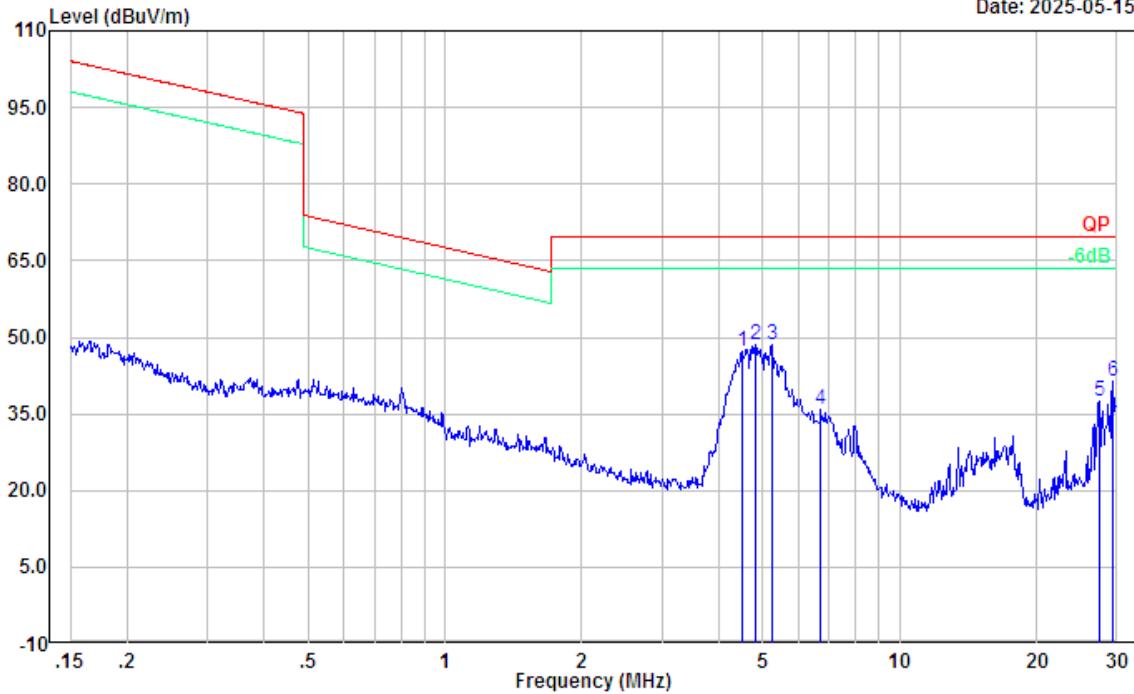
Note: RBW:200Hz,VBW:1kHz



Project No.: 2502T57876E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: RBW:9kHz,VBW:30kHz

Serial No.: 323F-2
Tester: Jayce Wang

Date: 2025-05-15



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	4.501	40.83	6.35	47.18	69.54	22.36	Peak
2	4.822	42.69	5.93	48.62	69.54	20.92	Peak
3	5.221	42.83	5.55	48.38	69.54	21.16	Peak
4	6.698	30.70	5.03	35.73	69.54	33.81	Peak
5	27.416	34.08	3.51	37.59	69.54	31.95	Peak
6	29.371	38.04	3.39	41.43	69.54	28.11	Peak

30MHz-1GHz

Project No.: 2502T57876E-RF

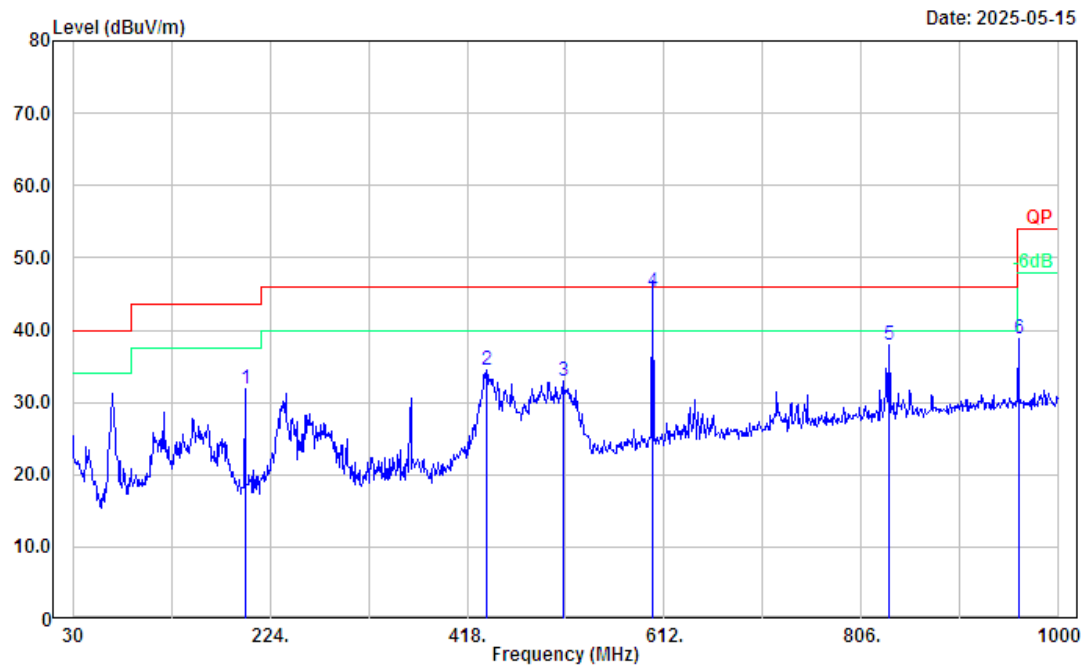
Polarization: Horizontal

Test Mode: Transmitting

Note: RBW:120kHz,VBW:500kHz

Serial No.: 320F-2

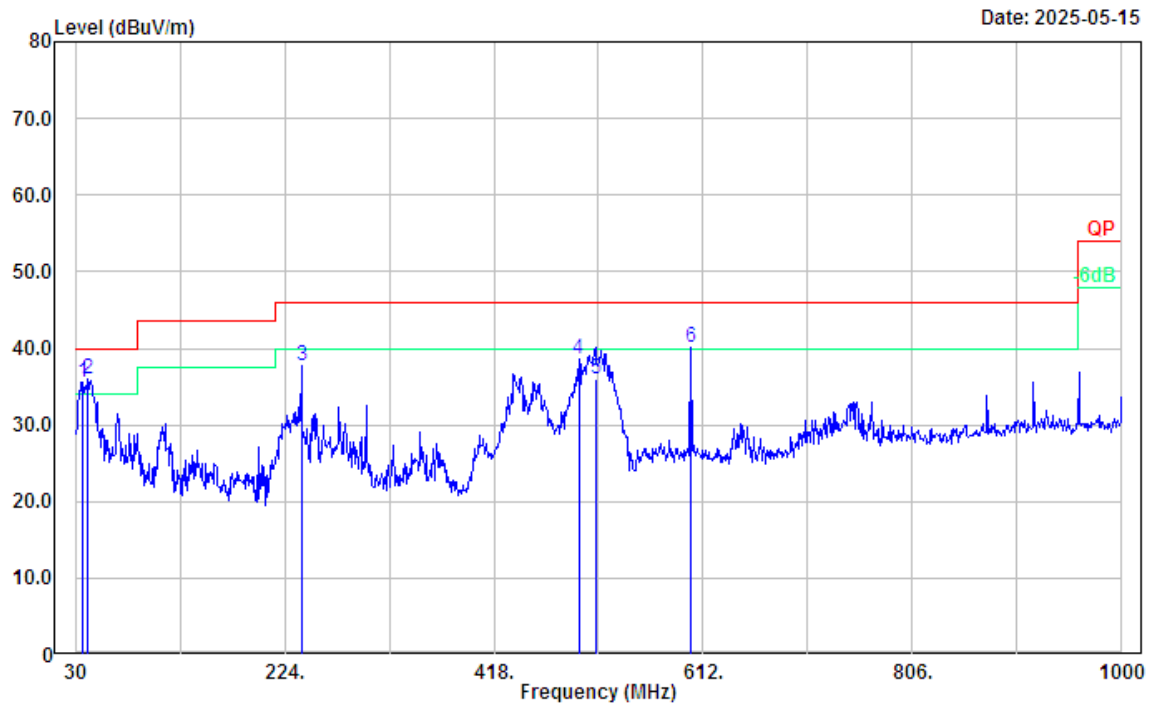
Tester: Jayce Wang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	199.75	43.13	-11.21	31.92	43.50	11.58	Peak
2	437.40	40.29	-5.78	34.51	46.00	11.49	Peak
3	512.09	37.06	-4.12	32.94	46.00	13.06	Peak
4	600.36	47.90	-2.54	45.36	46.00	0.64	QP
5	833.16	35.70	2.19	37.89	46.00	8.11	Peak
6	960.23	34.29	4.50	38.79	54.00	15.21	Peak

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: RBW:120kHz,VBW:500kHz

Serial No.: 323F-2
Tester: Jayce Wang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	36.79	43.89	-8.35	35.54	40.00	4.46	Peak
2	41.64	47.59	-11.50	36.09	40.00	3.91	Peak
3	239.52	48.96	-11.28	37.68	46.00	8.32	Peak
4	496.57	42.98	-4.38	38.60	46.00	7.40	Peak
5	512.09	40.20	-4.12	36.08	46.00	9.92	QP
6	600.36	42.71	-2.54	40.17	46.00	5.83	Peak

2) 1-25GHz:

Serial Number:	32JF-2	Test Date:	2025/8/14
Test Site:	Chamber B	Test Mode:	Transmitting
Tester:	Leo Xiao	Test Result:	Pass

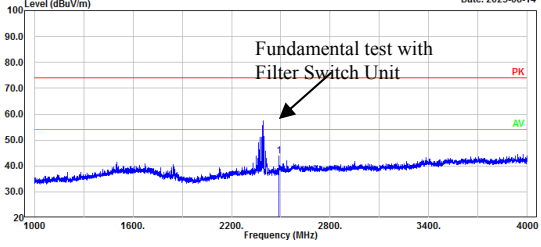
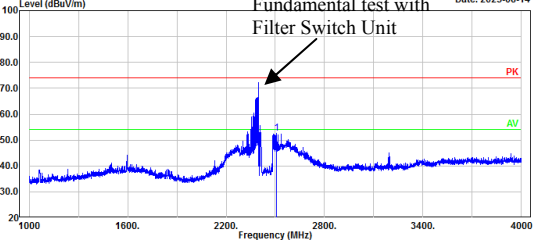
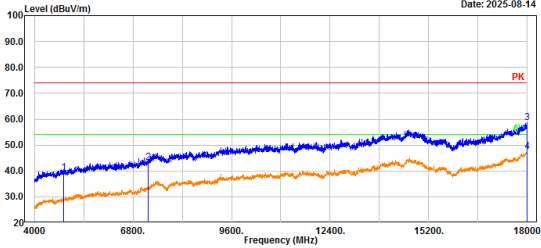
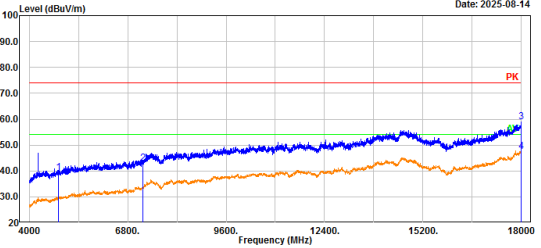
Environmental Conditions:					
Temperature: (°C)	27.2	Relative Humidity: (%)	36	ATM Pressure: (kPa)	100.2

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
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
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2024/11/17	2025/11/16
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2024/12/9	2025/12/8
AH	Preamplifier	PAM-0118P	469	2025/4/11	2026/4/10
AH	Preamplifier	PAM-1840VH	191	2024/9/6	2025/9/5
R&S	Spectrum Analyzer	FSV40	101944	2024/9/5	2025/9/4
Audix	Test Software	E3	191218 V9	N/A	N/A
Decentest	Multiplex Switch Test Control Set & Filter Switch Unit	DT7220SCU & DT7220FCU	DC79902 & DC79905	2024/8/27	2025/8/26

* 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).

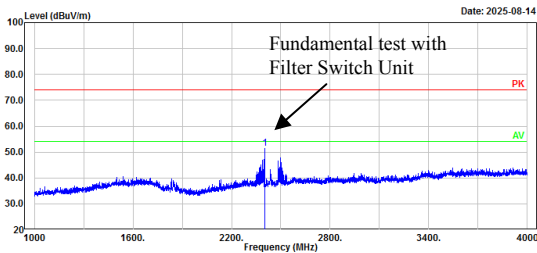
1-18GHz:

802.11b low channel Chain0 Horizontal				802.11b low channel Chain0 Vertical																																																																																			
Project No.: 2502T57876E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11b low channel 2412MHz Chain0 Peak:RBW:1MHz,VBW:3MHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14  <table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBuV)</th><th>Factor (dB/m)</th><th>Result (dBuV/m)</th><th>Limit (dBuV/m)</th><th>Margin (dB)</th><th>Measurement</th></tr><tr><td>1</td><td>2486.80</td><td>51.63</td><td>-7.64</td><td>43.99</td><td>74.00</td><td>30.01</td><td>Peak</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	2486.80	51.63	-7.64	43.99	74.00	30.01	Peak	Project No.: 2502T57876E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11b low channel 2412MHz Chain0 Peak:RBW:1MHz,VBW:3MHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14  <table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBuV)</th><th>Factor (dB/m)</th><th>Result (dBuV/m)</th><th>Limit (dBuV/m)</th><th>Margin (dB)</th><th>Measurement</th></tr><tr><td>1</td><td>2506.00</td><td>60.99</td><td>-8.53</td><td>52.46</td><td>74.00</td><td>21.54</td><td>Peak</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	2506.00	60.99	-8.53	52.46	74.00	21.54	Peak																																																
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																
1	2486.80	51.63	-7.64	43.99	74.00	30.01	Peak																																																																																
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																
1	2506.00	60.99	-8.53	52.46	74.00	21.54	Peak																																																																																
Project No.: 2502T57876E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11b low channel 2412MHz Chain0 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14  <table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBuV)</th><th>Factor (dB/m)</th><th>Result (dBuV/m)</th><th>Limit (dBuV/m)</th><th>Margin (dB)</th><th>Measurement</th></tr><tr><td>1</td><td>4824.00</td><td>46.75</td><td>-7.53</td><td>39.22</td><td>74.00</td><td>34.78</td><td>Peak</td></tr><tr><td>2</td><td>7236.00</td><td>46.59</td><td>-3.30</td><td>43.29</td><td>74.00</td><td>30.71</td><td>Peak</td></tr><tr><td>3</td><td>17997.20</td><td>47.57</td><td>11.15</td><td>58.72</td><td>74.00</td><td>15.28</td><td>Peak</td></tr><tr><td>4</td><td>17997.20</td><td>36.37</td><td>11.15</td><td>47.52</td><td>54.00</td><td>6.48</td><td>Average</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	4824.00	46.75	-7.53	39.22	74.00	34.78	Peak	2	7236.00	46.59	-3.30	43.29	74.00	30.71	Peak	3	17997.20	47.57	11.15	58.72	74.00	15.28	Peak	4	17997.20	36.37	11.15	47.52	54.00	6.48	Average	Project No.: 2502T57876E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11b low channel 2412MHz Chain0 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14  <table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBuV)</th><th>Factor (dB/m)</th><th>Result (dBuV/m)</th><th>Limit (dBuV/m)</th><th>Margin (dB)</th><th>Measurement</th></tr><tr><td>1</td><td>4824.00</td><td>46.72</td><td>-7.53</td><td>39.19</td><td>74.00</td><td>34.81</td><td>Peak</td></tr><tr><td>2</td><td>7236.00</td><td>46.21</td><td>-3.30</td><td>42.91</td><td>74.00</td><td>31.09</td><td>Peak</td></tr><tr><td>3</td><td>17983.20</td><td>47.89</td><td>11.10</td><td>58.99</td><td>74.00</td><td>15.01</td><td>Peak</td></tr><tr><td>4</td><td>17983.20</td><td>36.46</td><td>11.10</td><td>47.56</td><td>54.00</td><td>6.44</td><td>Average</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	4824.00	46.72	-7.53	39.19	74.00	34.81	Peak	2	7236.00	46.21	-3.30	42.91	74.00	31.09	Peak	3	17983.20	47.89	11.10	58.99	74.00	15.01	Peak	4	17983.20	36.46	11.10	47.56	54.00	6.44	Average
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																
1	4824.00	46.75	-7.53	39.22	74.00	34.78	Peak																																																																																
2	7236.00	46.59	-3.30	43.29	74.00	30.71	Peak																																																																																
3	17997.20	47.57	11.15	58.72	74.00	15.28	Peak																																																																																
4	17997.20	36.37	11.15	47.52	54.00	6.48	Average																																																																																
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																
1	4824.00	46.72	-7.53	39.19	74.00	34.81	Peak																																																																																
2	7236.00	46.21	-3.30	42.91	74.00	31.09	Peak																																																																																
3	17983.20	47.89	11.10	58.99	74.00	15.01	Peak																																																																																
4	17983.20	36.46	11.10	47.56	54.00	6.44	Average																																																																																

802.11b middle channel Chain0 Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao

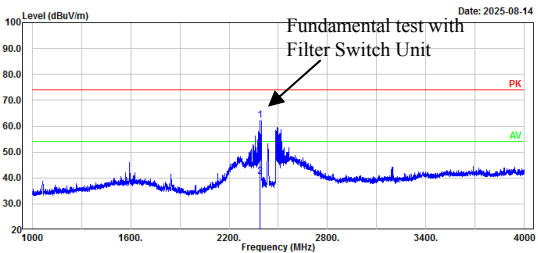


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2402.20	59.84	-8.30	51.54	74.00	22.46	Peak

802.11b middle channel Chain0 Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

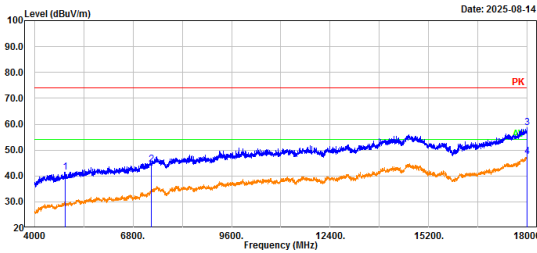
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2388.40	70.75	-8.43	62.32	74.00	11.68	Peak
2	2388.40	48.84	-8.43	40.41	54.00	13.59	Average

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

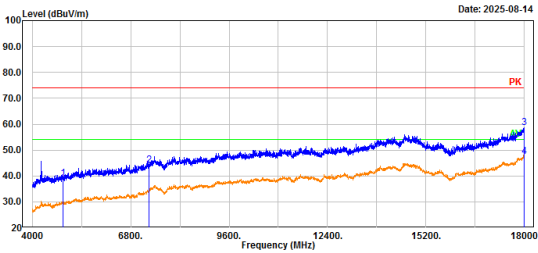
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	48.91	-7.56	41.35	74.00	32.65	Peak
2	7311.00	47.28	-2.97	44.31	74.00	29.69	Peak
3	17988.80	47.68	11.11	58.79	74.00	15.21	Peak
4	17988.80	36.25	11.11	47.36	54.00	6.64	Average

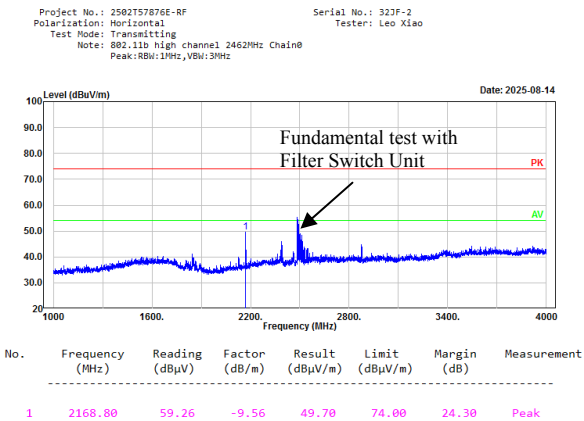
Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

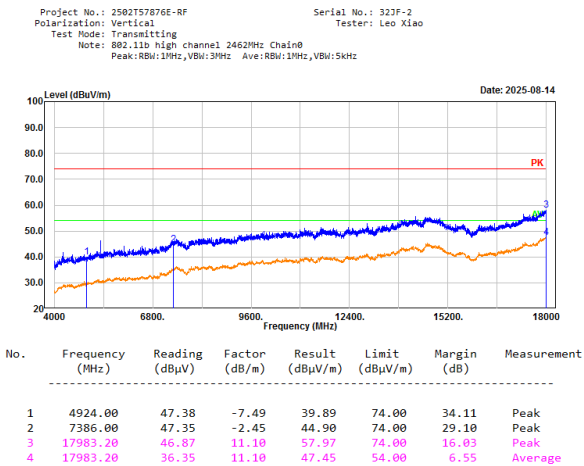
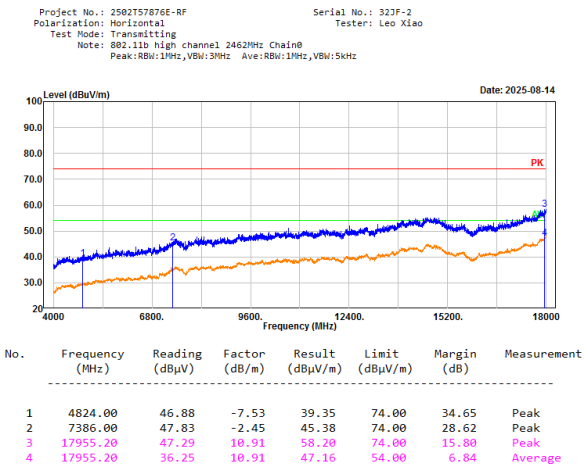
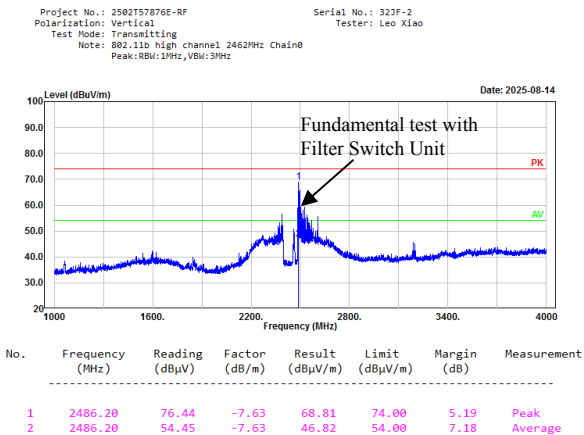


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	46.60	-7.56	39.04	74.00	34.96	Peak
2	7311.00	47.05	-2.97	44.08	74.00	29.92	Peak
3	17991.60	47.39	11.13	58.52	74.00	15.48	Peak
4	17991.60	36.38	11.13	47.51	54.00	6.49	Average

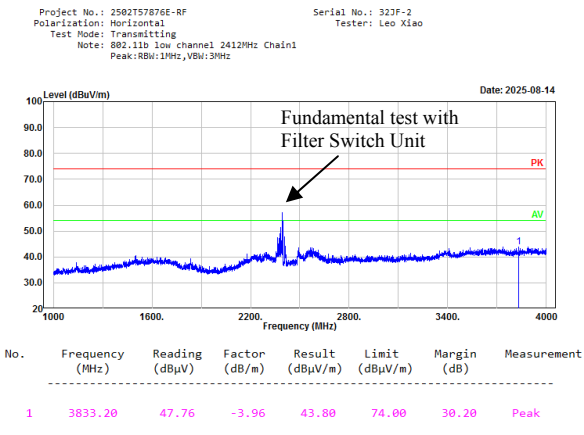
802.11b high channel Chain0 Horizontal



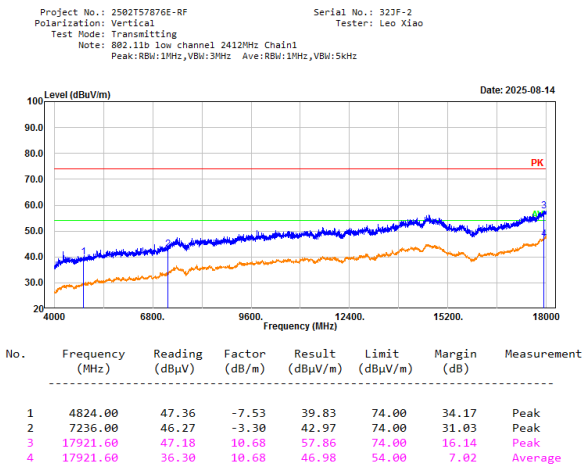
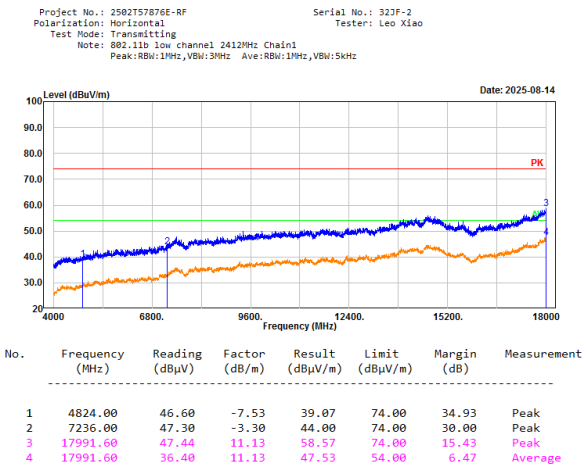
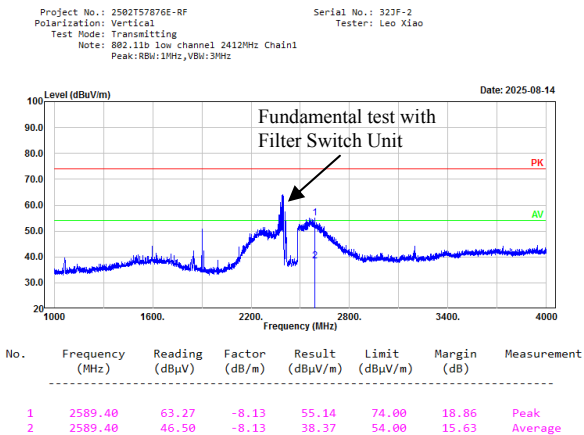
802.11b high channel Chain0 Vertical



802.11b low channel Chain1 Horizontal



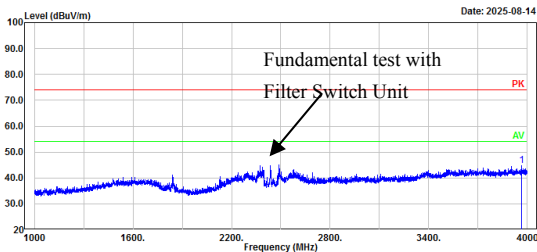
802.11b low channel Chain1 Vertical



802.11b middle channel Chain1 Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao

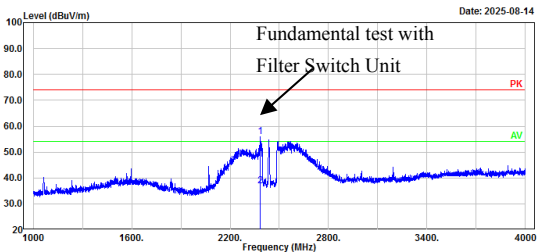


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	3962.80	48.29	-3.44	44.85	74.00	29.15	Peak

802.11b middle channel Chain1 Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

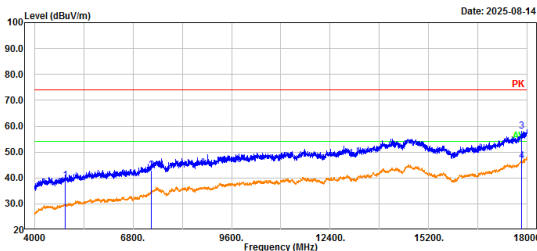
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2381.80	64.51	-8.58	55.93	74.00	18.07	Peak
2	2381.80	45.39	-8.58	36.81	54.00	17.19	Average

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

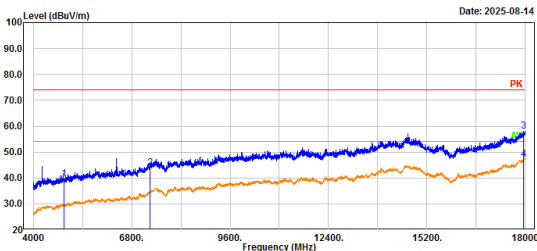
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	46.64	-7.56	39.08	74.00	34.92	Peak
2	7311.00	46.02	-2.97	43.05	74.00	30.95	Peak
3	17843.20	47.66	10.25	57.91	74.00	16.09	Peak
4	17843.20	36.25	10.25	46.50	54.00	7.50	Average

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

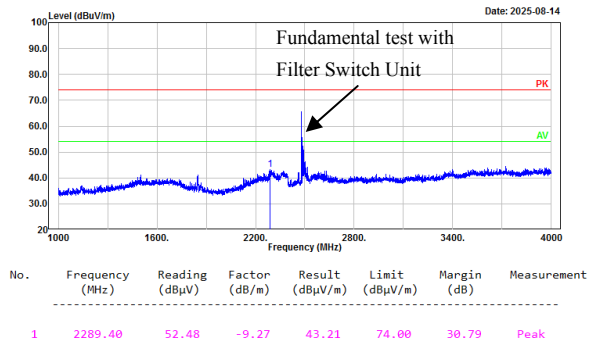


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	47.33	-7.56	39.77	74.00	34.23	Peak
2	7311.00	46.74	-2.97	43.77	74.00	30.23	Peak
3	17952.40	47.18	10.89	58.07	74.00	15.93	Peak
4	17952.40	36.32	10.89	47.21	54.00	6.79	Average

802.11b high channel Chain1 Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

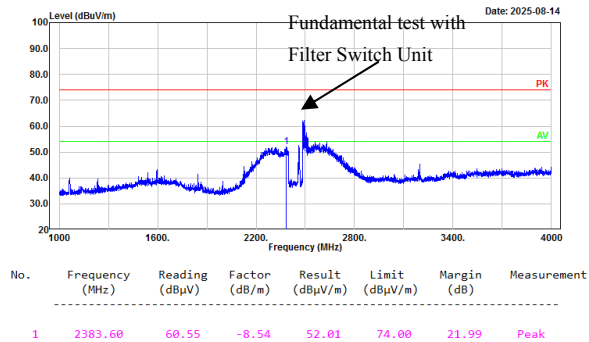
Serial No.: 323F-2
Tester: Leo Xiao



802.11b high channel Chain1 Vertical

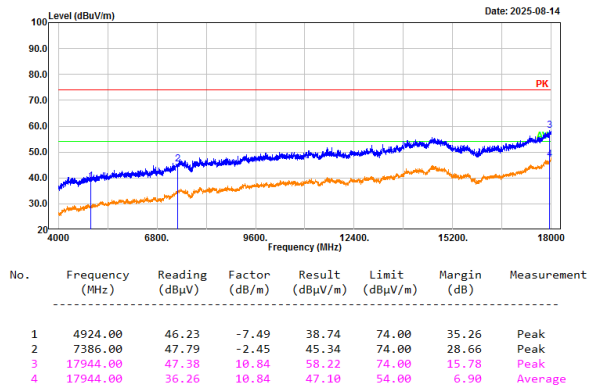
Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao



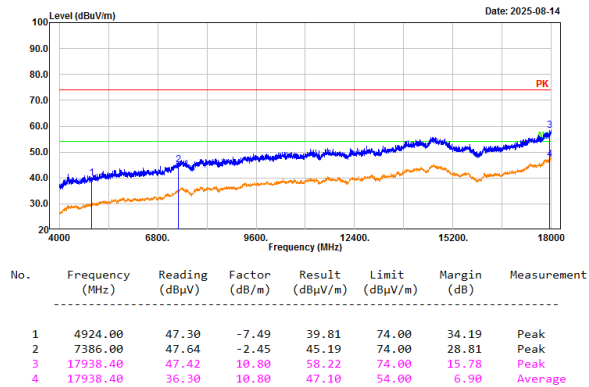
Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

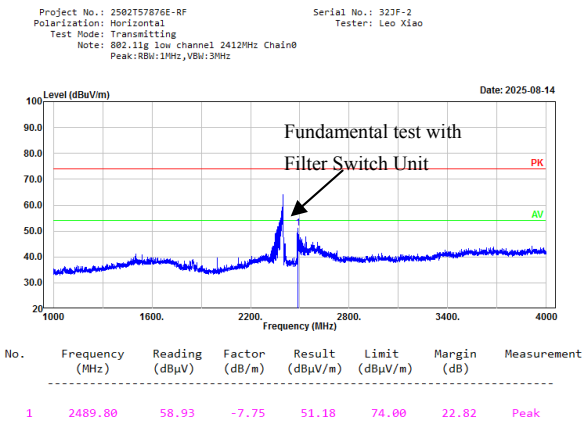


Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

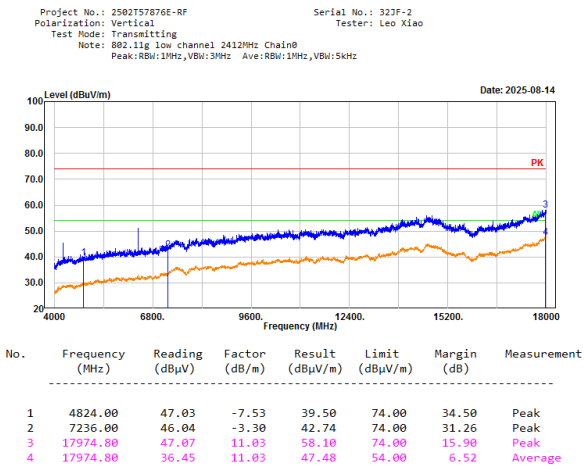
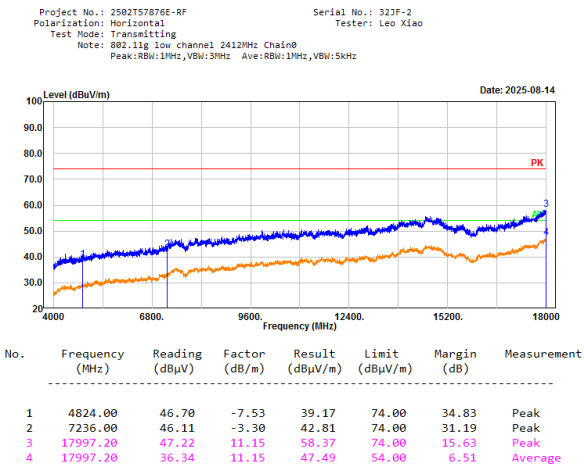
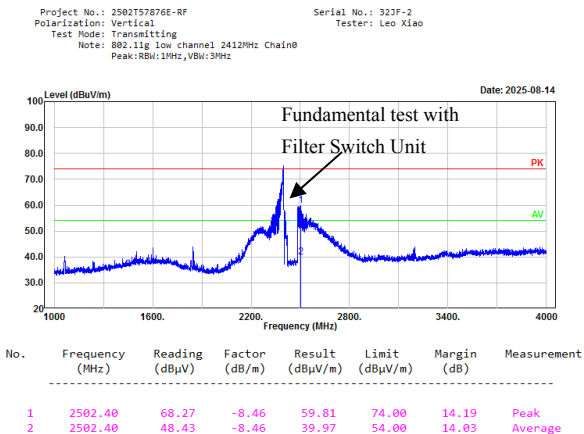
Serial No.: 323F-2
Tester: Leo Xiao



802.11g low channel Chain0 Horizontal



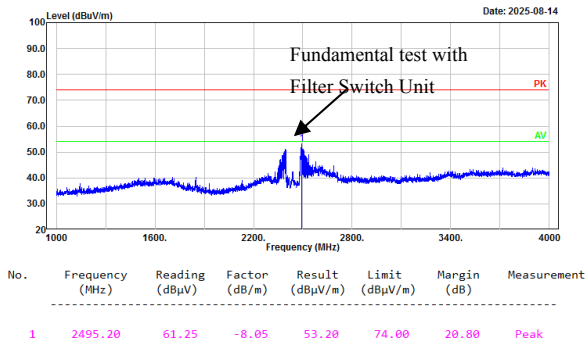
802.11g low channel Chain0 Vertical



802.11g middle channel Chain0 Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

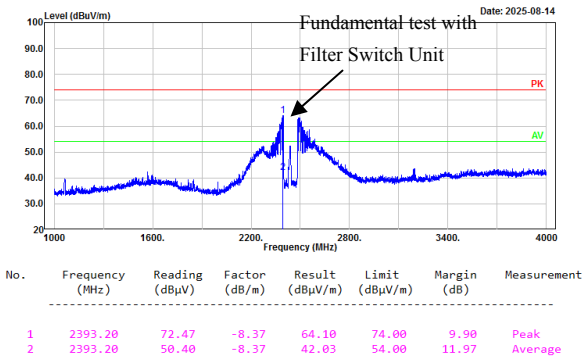
Serial No.: 323F-2
Tester: Leo Xiao



802.11g middle channel Chain0 Vertical

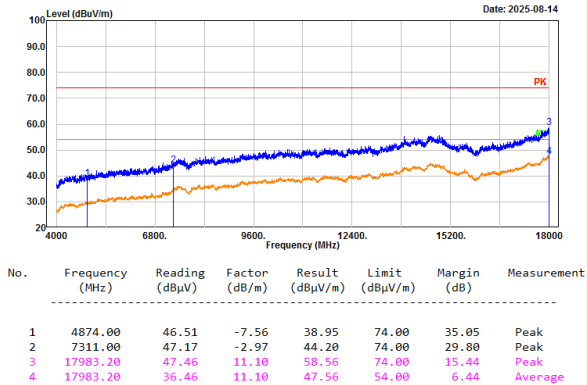
Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao



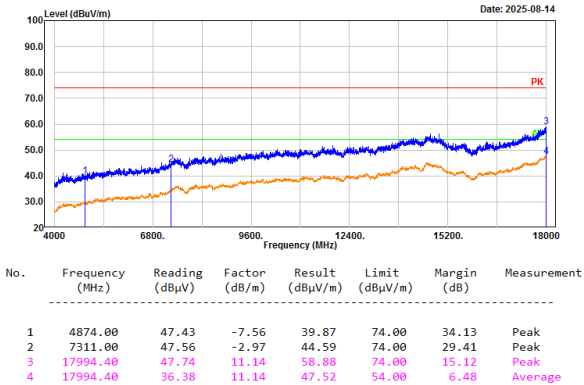
Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

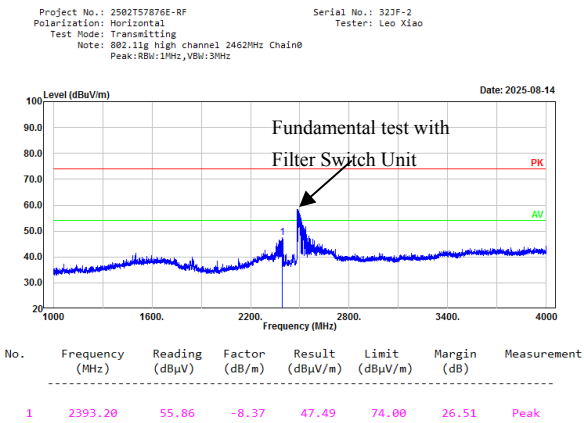


Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

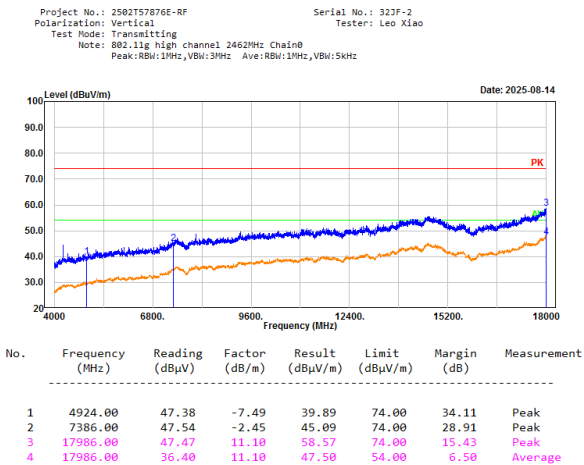
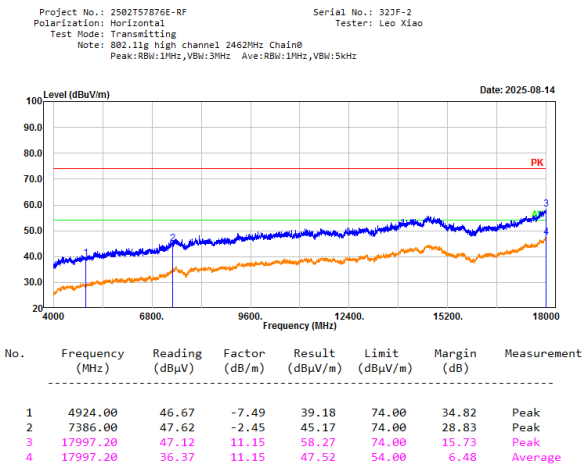
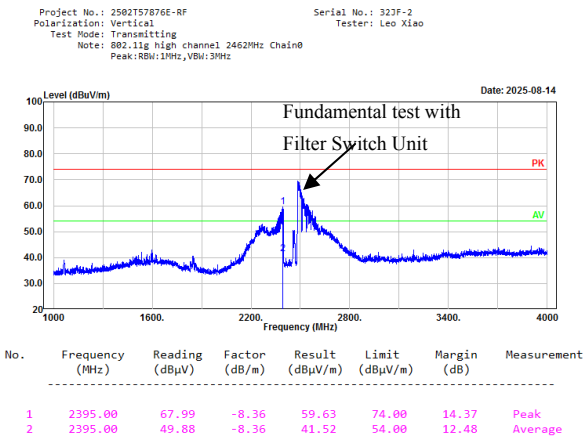
Serial No.: 323F-2
Tester: Leo Xiao



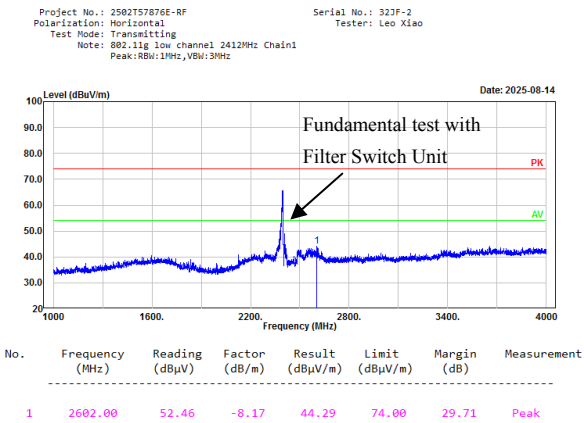
802.11g high channel Chain0 Horizontal



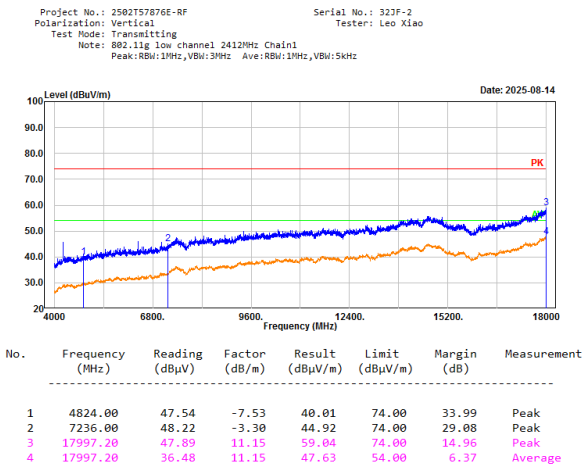
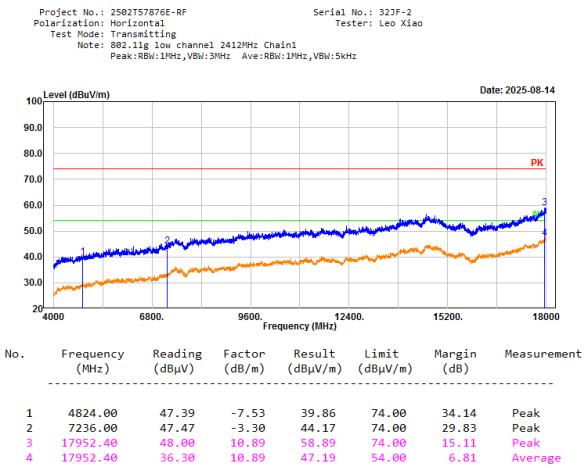
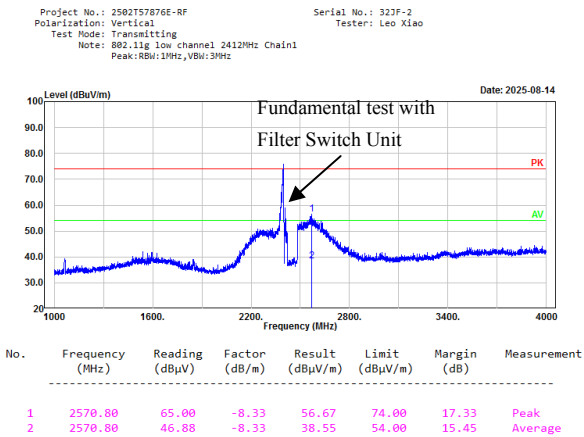
802.11g high channel Chain0 Vertical



802.11g low channel Chain1 Horizontal



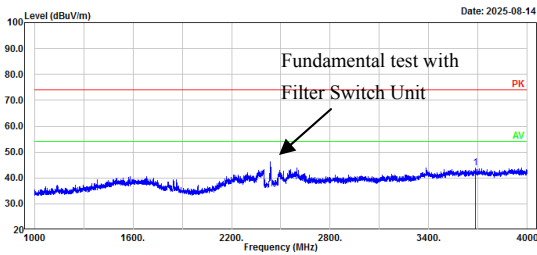
802.11g low channel Chain1 Vertical



802.11g middle channel Chain1 Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao

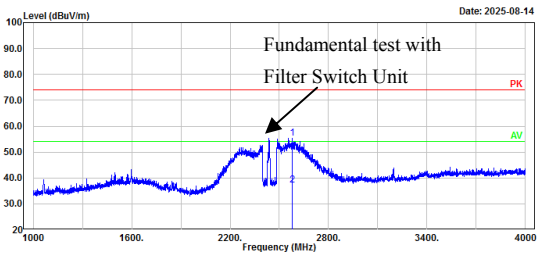


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	3684.40	47.95	-4.08	43.87	74.00	30.13	Peak

802.11g middle channel Chain1 Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

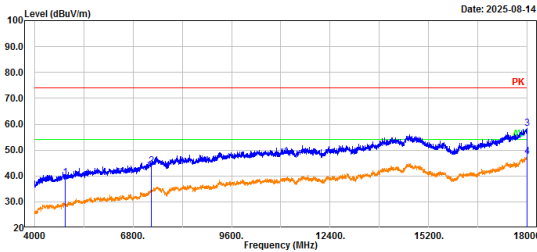
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2579.80	63.59	-8.19	55.40	74.00	18.60	Peak
2	2579.80	45.46	-8.19	37.27	54.00	16.73	Average

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

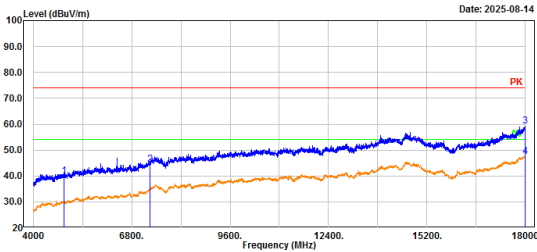
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	46.78	-7.56	39.22	74.00	34.78	Peak
2	7311.00	46.80	-2.97	43.83	74.00	30.17	Peak
3	17986.00	47.33	11.10	58.43	74.00	15.57	Peak
4	17986.00	36.35	11.10	47.45	54.00	6.55	Average

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11g middle channel 2437MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

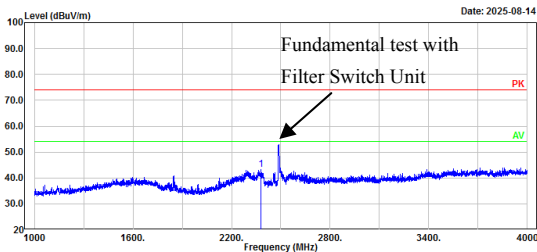


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	47.40	-7.56	39.84	74.00	34.16	Peak
2	7311.00	47.42	-2.97	44.45	74.00	29.55	Peak
3	17994.40	47.99	11.14	59.13	74.00	14.87	Peak
4	17994.40	36.32	11.14	47.46	54.00	6.54	Average

802.11g high channel Chain1 Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11g high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao

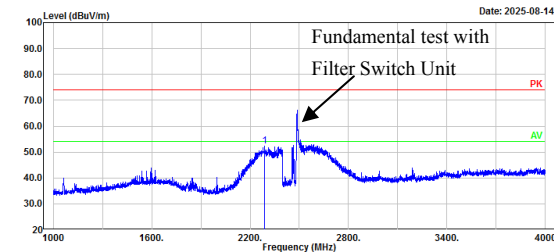


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2377.00	51.85	-8.69	43.16	74.00	30.84	Peak

802.11g high channel Chain1 Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11g high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

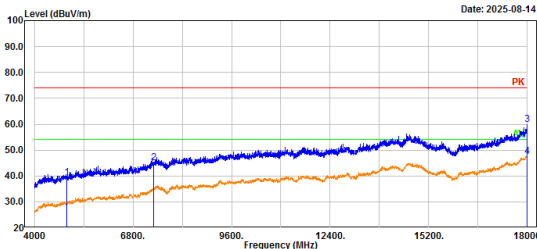
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2289.40	61.54	-9.27	52.27	74.00	21.73	Peak

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11g high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

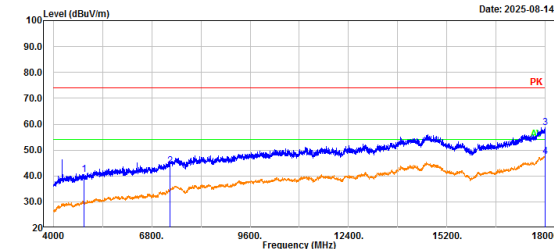
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4924.00	46.89	-7.49	39.40	74.00	34.60	Peak
2	7386.00	47.42	-2.45	44.97	74.00	29.03	Peak
3	17991.60	48.68	11.13	59.81	74.00	14.19	Peak
4	17991.60	36.42	11.13	47.55	54.00	6.45	Average

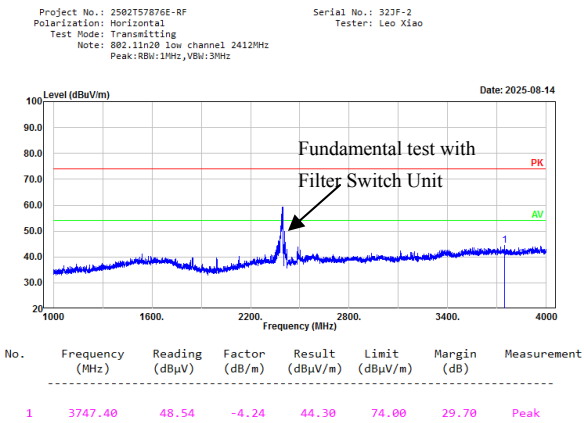
Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11g high channel 2462MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

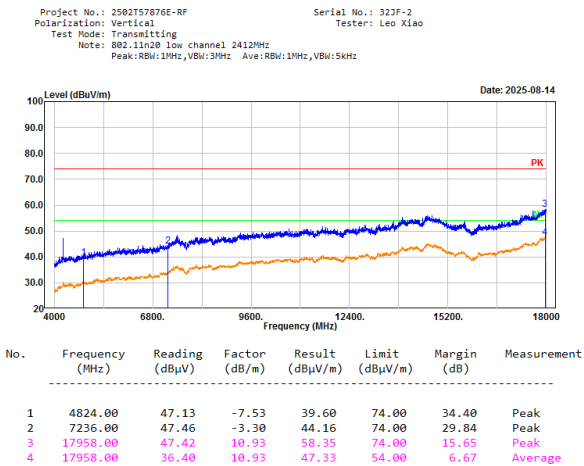
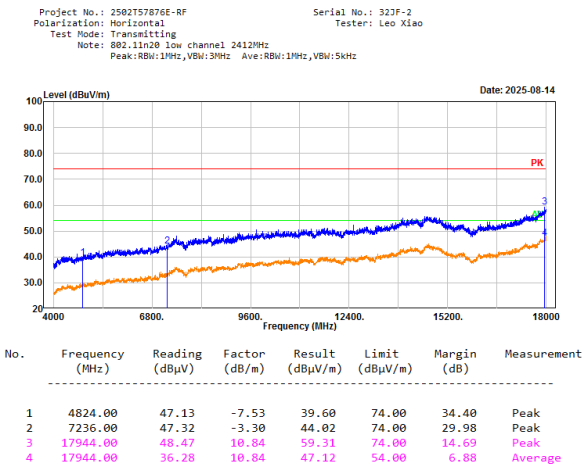
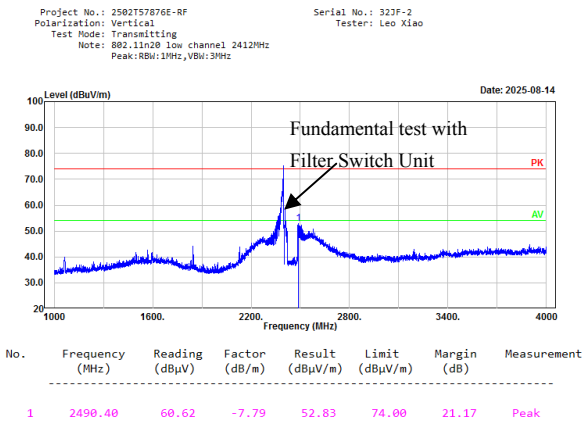


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	48.07	-7.56	40.51	74.00	33.49	Peak
2	7311.00	46.67	-2.97	43.70	74.00	30.30	Peak
3	17986.00	47.62	11.10	58.72	74.00	15.28	Peak
4	17986.00	36.37	11.10	47.47	54.00	6.53	Average

802.11n20 low channel Horizontal



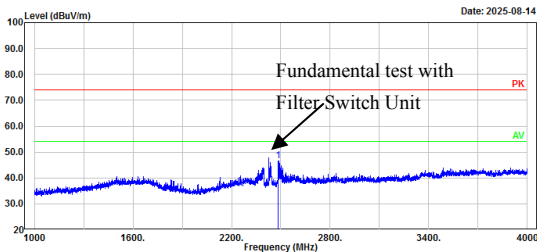
802.11n20 low channel Vertical



802.11n20 middle channel Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao

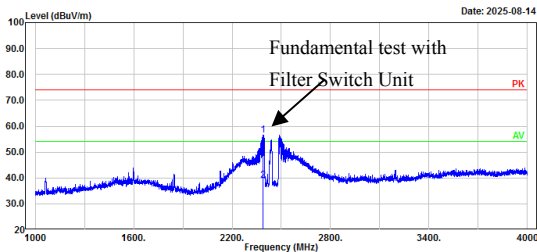


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2485.60	54.29	-7.63	46.66	74.00	27.34	Peak

802.11n20 middle channel Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz

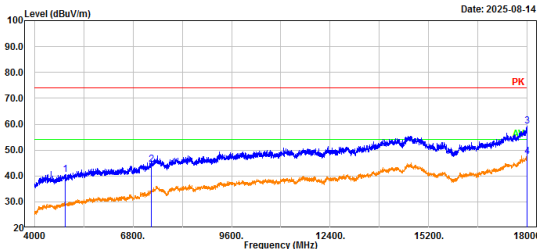
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2387.80	65.02	-8.45	56.57	74.00	17.43	Peak
2	2387.80	47.39	-8.45	38.94	54.00	15.06	Average

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

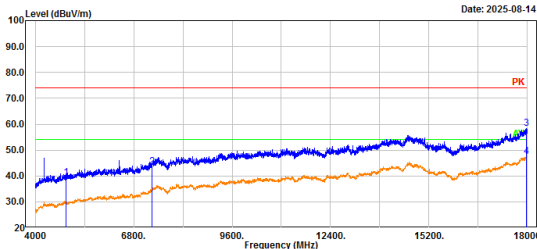
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	47.99	-7.56	40.43	74.00	33.57	Peak
2	7311.00	47.50	-2.97	44.53	74.00	29.47	Peak
3	17997.20	48.24	11.15	59.39	74.00	14.61	Peak
4	17997.20	36.45	11.15	47.60	54.00	6.40	Average

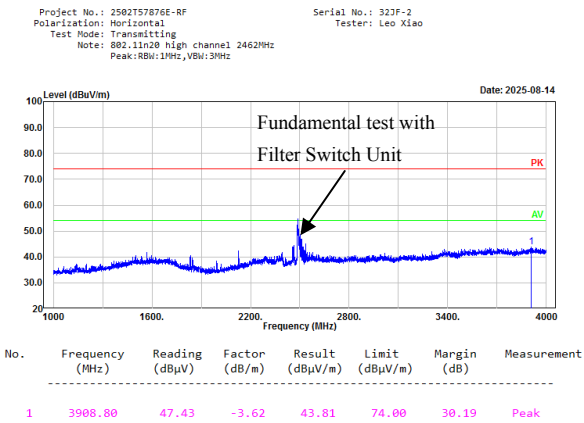
Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

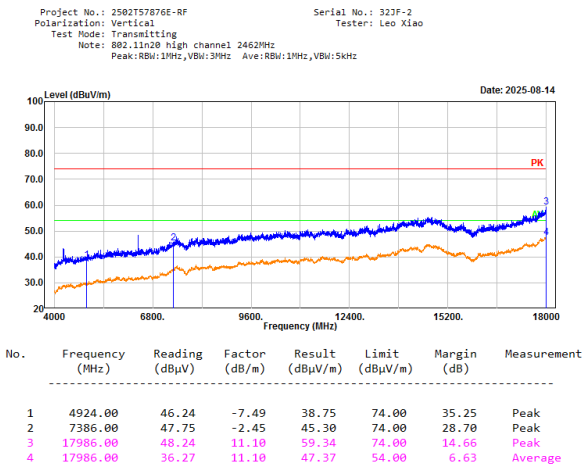
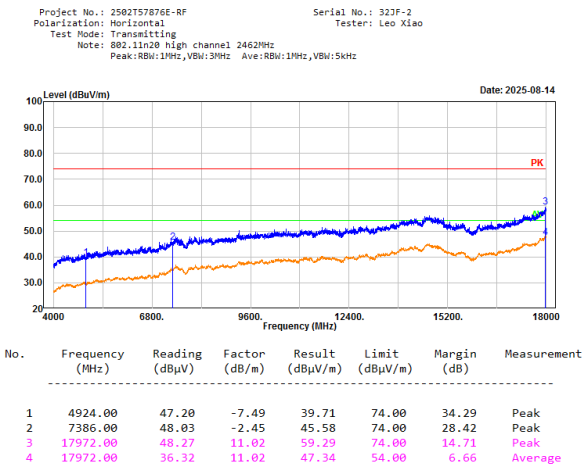
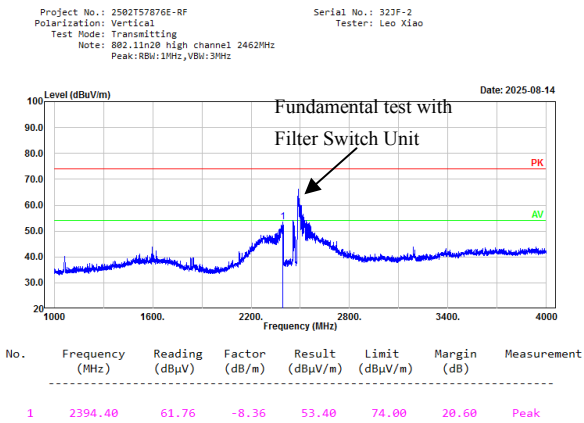


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	47.00	-7.56	39.44	74.00	34.56	Peak
2	7311.00	46.49	-2.97	43.52	74.00	30.48	Peak
3	17974.80	47.39	11.03	58.42	74.00	15.58	Peak
4	17974.80	36.41	11.03	47.44	54.00	6.56	Average

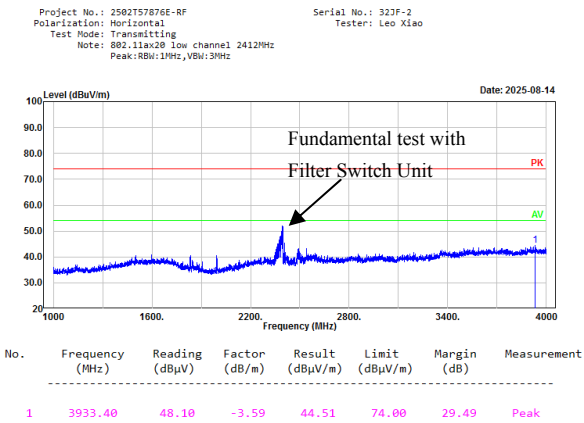
802.11n20 high channel Horizontal



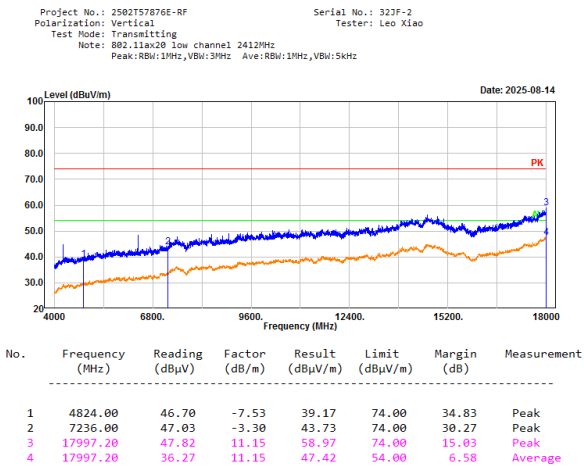
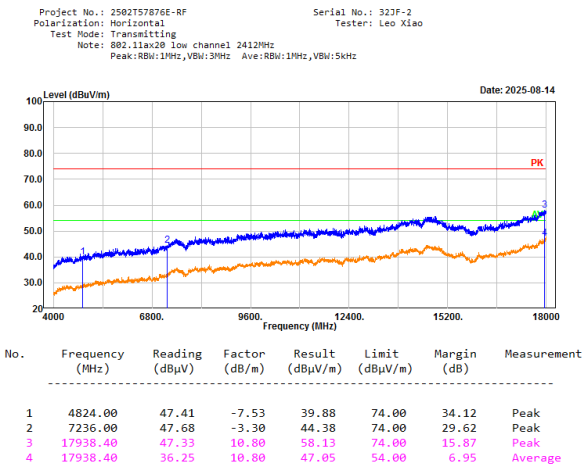
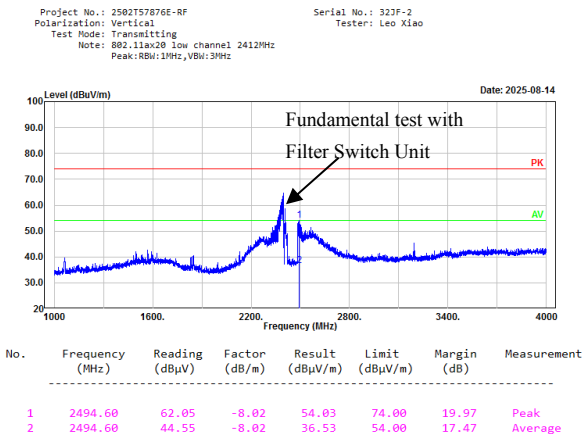
802.11n20 high channel Vertical



802.11ax20 low channel Horizontal



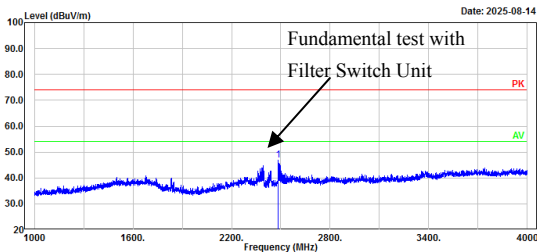
802.11ax20 low channel Vertical



802.11ax20 middle channel Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 323F-2
Tester: Leo Xiao

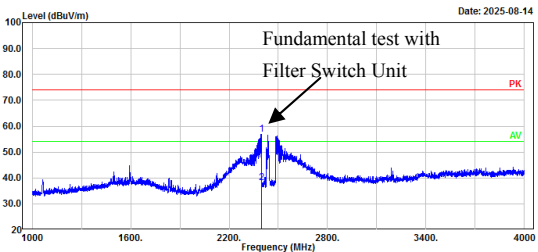


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2485.60	54.50	-7.63	46.87	74.00	27.13	Peak

802.11ax20 middle channel Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz

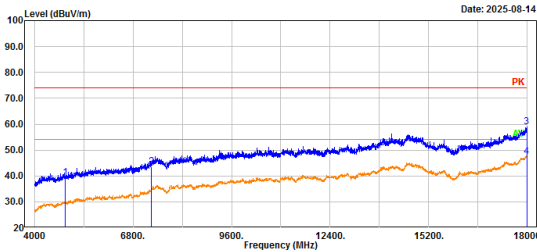
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2396.20	65.24	-8.35	56.89	74.00	17.11	Peak
2	2396.20	46.50	-8.35	38.15	54.00	15.85	Average

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

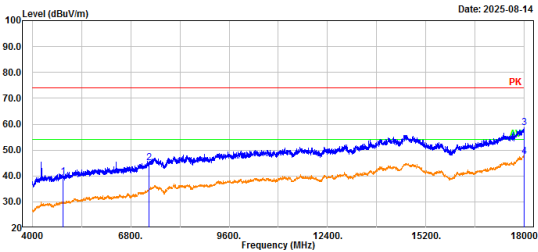
Serial No.: 323F-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	46.94	-7.56	39.38	74.00	34.62	Peak
2	7311.00	46.66	-2.97	43.69	74.00	30.31	Peak
3	17980.40	47.86	11.07	58.93	74.00	15.07	Peak
4	17980.40	36.40	11.07	47.47	54.00	6.53	Average

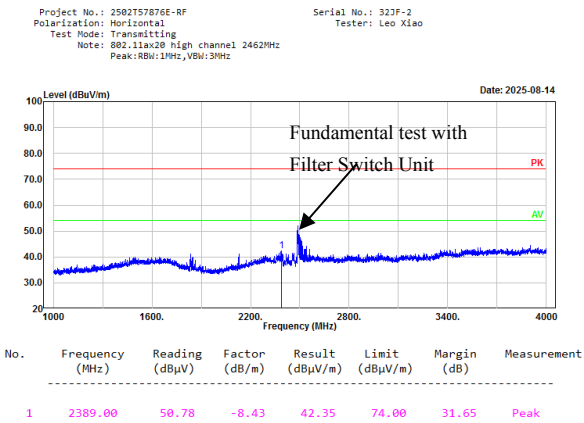
Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20 middle channel 2437MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

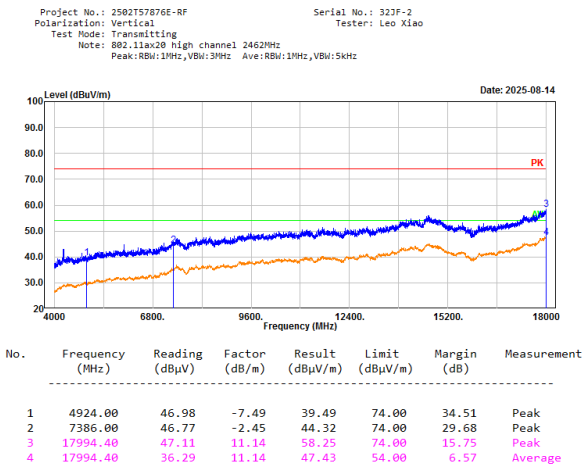
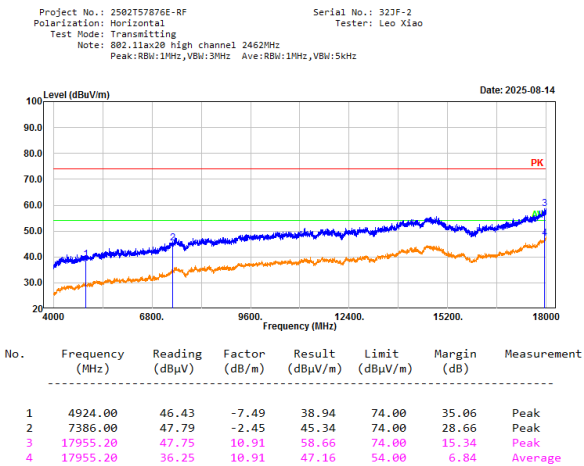
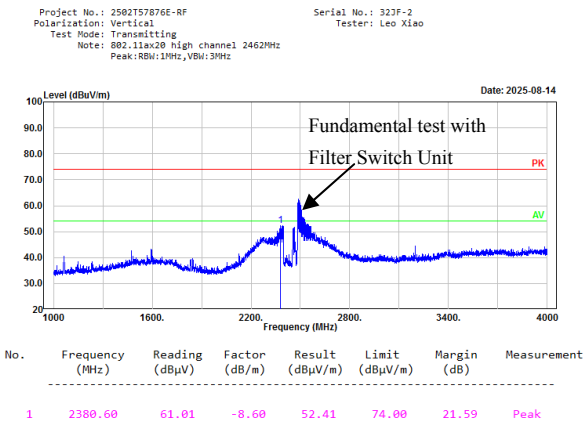


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	4874.00	47.18	-7.56	39.62	74.00	34.38	Peak
2	7311.00	48.12	-2.97	45.15	74.00	28.85	Peak
3	17991.60	47.39	11.13	58.52	74.00	15.48	Peak
4	17991.60	36.27	11.13	47.40	54.00	6.60	Average

802.11ax20 high channel Horizontal

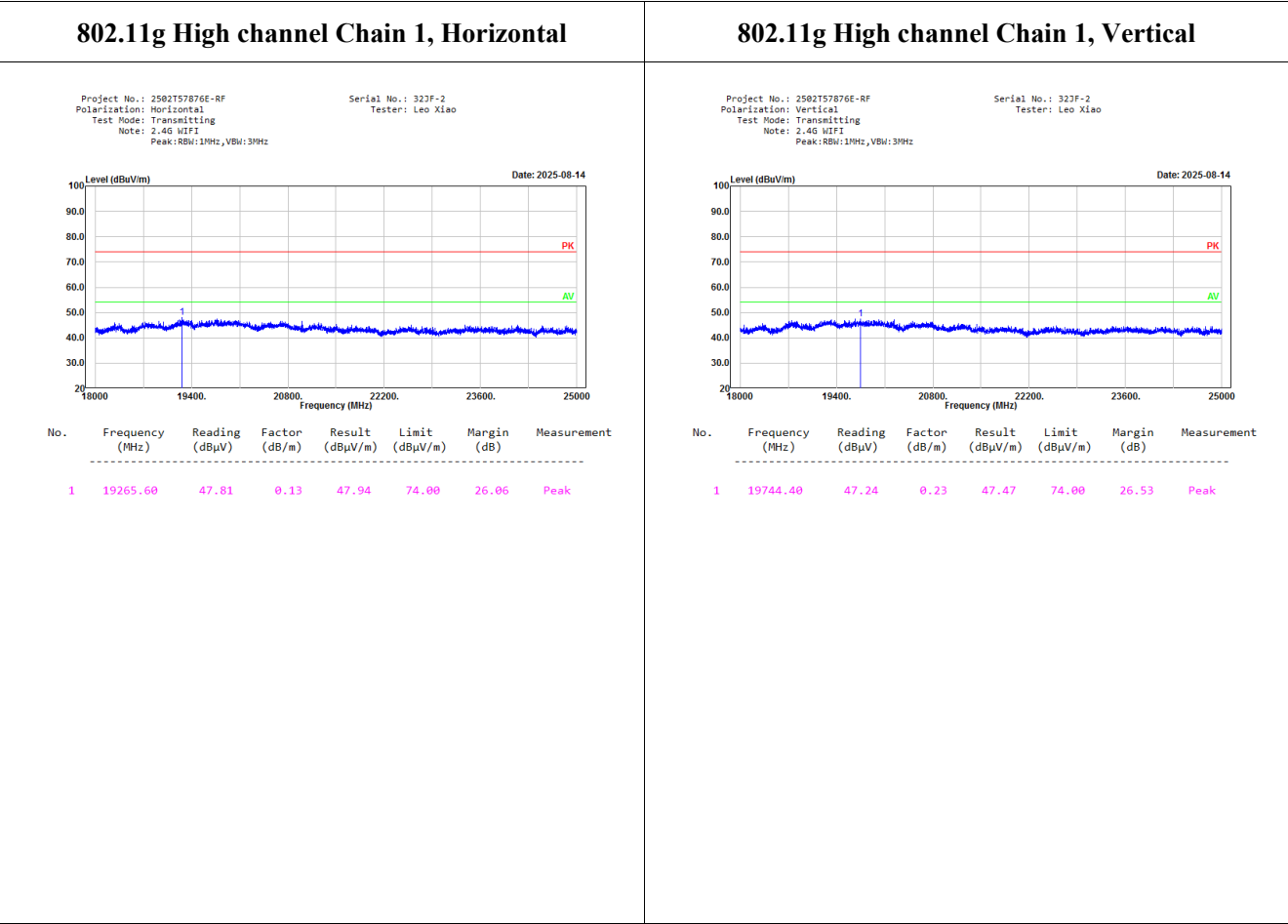


802.11ax20 high channel Vertical



18-25GHz:

No Emission was detected in the range 18-25GHz, test was performed on the mode and channel which with the maximum power.



Bandedge:

802.11b low channel Chain0 Bandedge Horizontal				802.11b low channel Chain0 Bandedge Vertical			
Project No.: 2502T57876E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11b low channel 2412MHz Chain0 Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14				Project No.: 2502T57876E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11b low channel 2412MHz Chain0 Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14			
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2390.00	57.22	-0.47	56.75	74.00	17.25	Peak
2	2390.00	37.83	-0.47	37.36	54.00	16.64	Average
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2390.00	69.84	-0.47	69.37	74.00	4.63	Peak
2	2390.00	42.77	-0.47	42.30	54.00	11.70	Average

802.11b high channel Chain0 Bandedge Horizontal				802.11b high channel Chain0 Bandedge Vertical			
Project No.: 2502T57876E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11b high channel 2462MHz Chain0 Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14				Project No.: 2502T57876E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11b high channel 2462MHz Chain0 Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz Serial No.: 323F-2 Tester: Leo Xiao Date: 2025-08-14			
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2483.50	54.96	-0.30	54.66	74.00	19.34	Peak
2	2483.50	37.30	-0.30	37.00	54.00	17.00	Average
3	2489.51	55.15	-0.28	54.87	74.00	19.13	Peak
4	2489.51	37.25	-0.28	36.97	54.00	17.03	Average
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2483.50	69.84	-0.30	69.54	74.00	4.46	Peak
2	2483.50	41.19	-0.30	40.89	54.00	13.11	Average
3	2484.59	69.89	-0.30	69.59	74.00	4.41	Peak
4	2484.59	41.07	-0.30	40.77	54.00	13.23	Average

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b low channel 2412MHz Chain1
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

Date: 2025-08-14

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2389.02	56.95	-0.48	56.47	74.00	17.53	Peak
2	2389.02	38.93	-0.48	38.45	54.00	15.55	Average
3	2390.00	56.94	-0.47	56.47	74.00	17.53	Peak
4	2390.00	38.96	-0.47	38.49	54.00	15.51	Average

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b low channel 2412MHz Chain1
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

Date: 2025-08-14

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2390.00	67.61	-0.47	67.14	74.00	6.86	Peak
2	2390.00	43.84	-0.47	43.37	54.00	10.63	Average

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11b high channel 2462MHz Chain1
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

Date: 2025-08-14

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2483.50	56.25	-0.30	55.95	74.00	18.05	Peak
2	2483.50	38.77	-0.30	38.47	54.00	15.53	Average

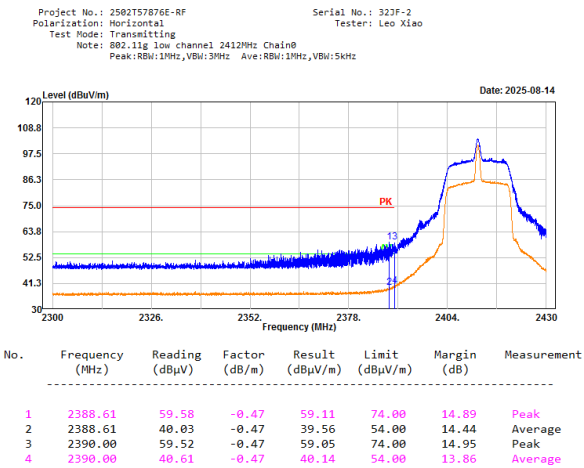
Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11b high channel 2462MHz Chain1
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 323F-2
Tester: Leo Xiao

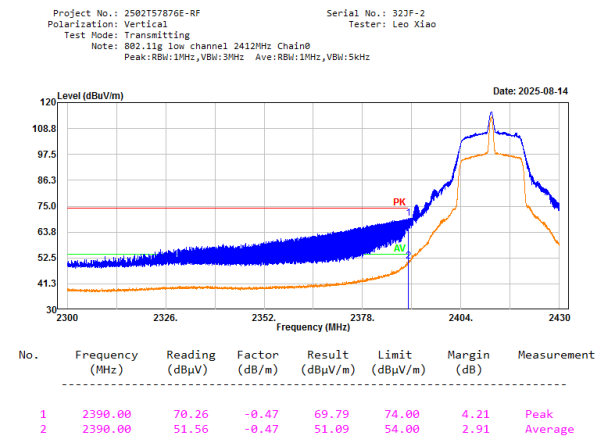
Date: 2025-08-14

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2483.50	68.50	-0.30	68.20	74.00	5.80	Peak
2	2483.50	47.59	-0.30	47.29	54.00	6.71	Average

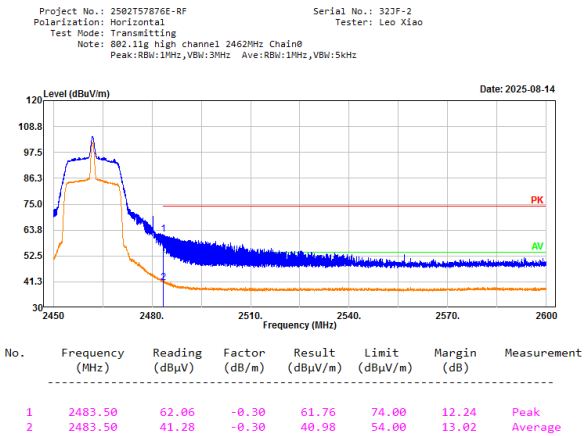
802.11g low channel Chain0 Bandedge Horizontal



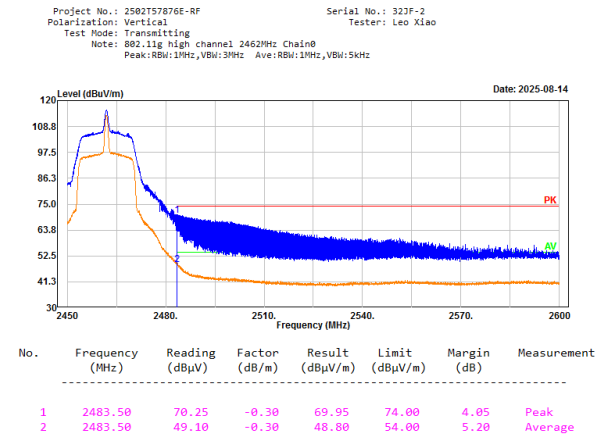
802.11g low channel Chain0 Bandedge Vertical



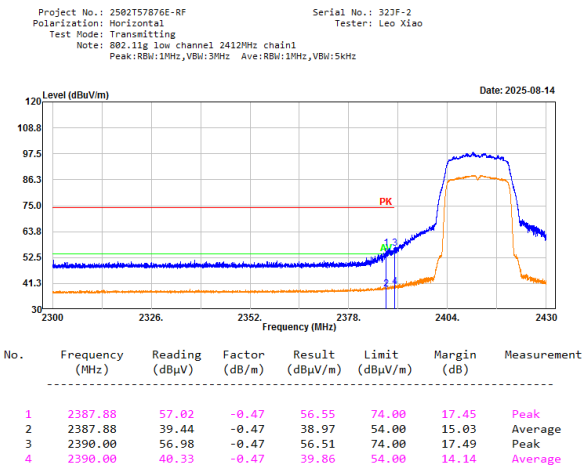
802.11g high channel Chain0 Bandedge Horizontal



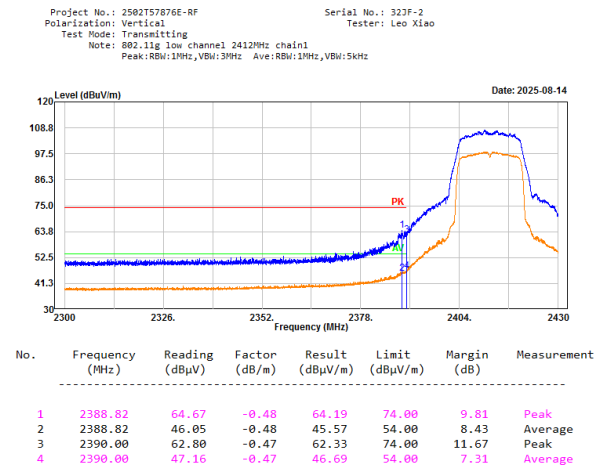
802.11g high channel Chain0 Bandedge Vertical



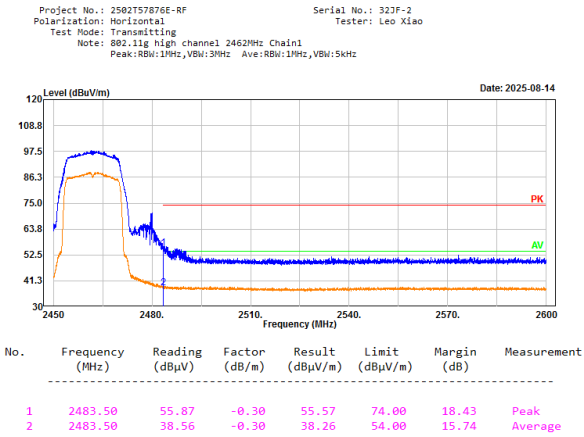
802.11g low channel Chain1 Bandedge Horizontal



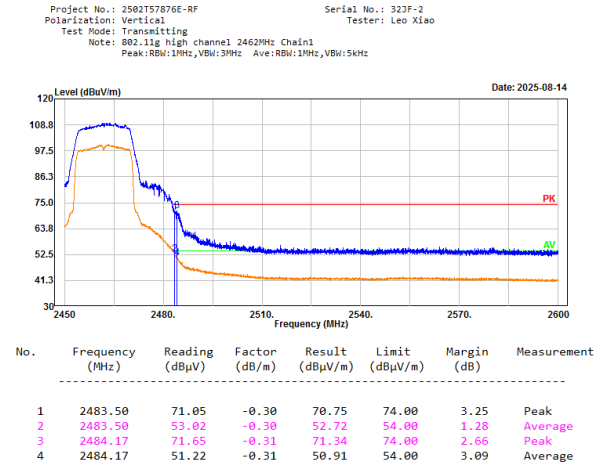
802.11g low channel Chain1 Bandedge Vertical



802.11g high channel Chain1 Bandedge Horizontal



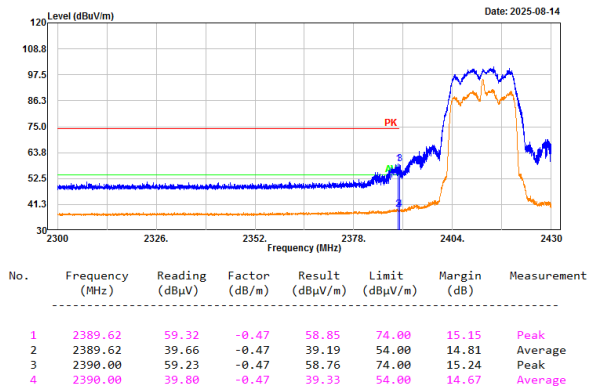
802.11g high channel Chain1 Bandedge Vertical



802.11n20 low channel Bandedge Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20 low channel 2412MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

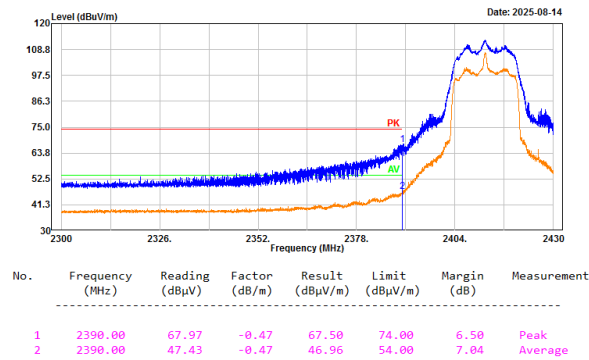
Serial No.: 323F-2
Tester: Leo Xiao



802.11n20 low channel Bandedge Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20 low channel 2412MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

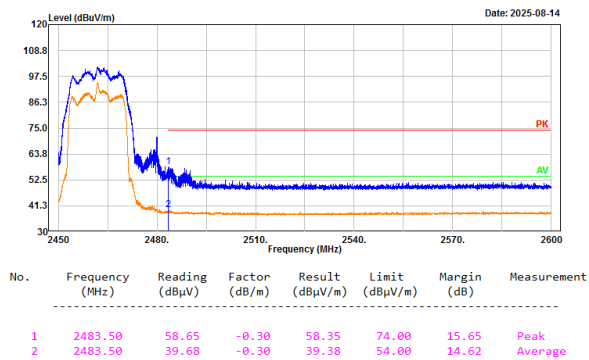
Serial No.: 323F-2
Tester: Leo Xiao



802.11n20 high channel Bandedge Horizontal

Project No.: 2502T57876E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20 high channel 2462MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

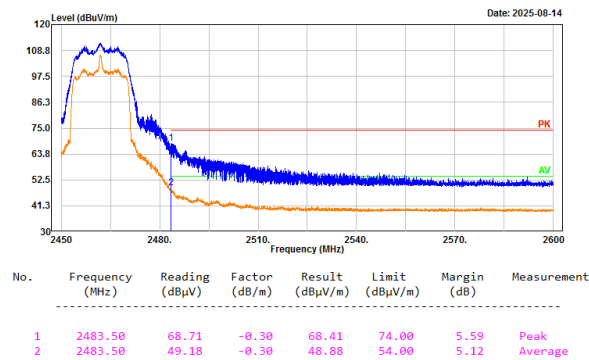
Serial No.: 323F-2
Tester: Leo Xiao



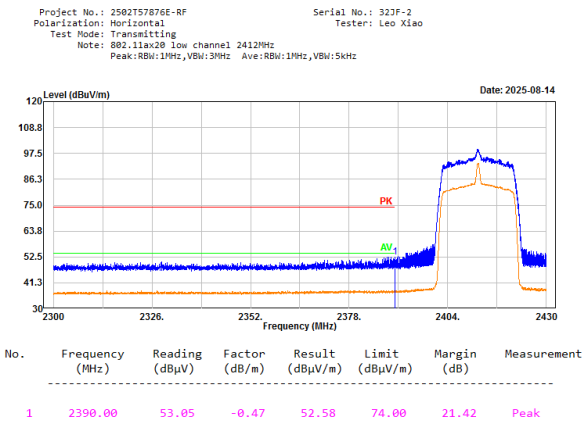
802.11n20 high channel Bandedge Vertical

Project No.: 2502T57876E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20 high channel 2462MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

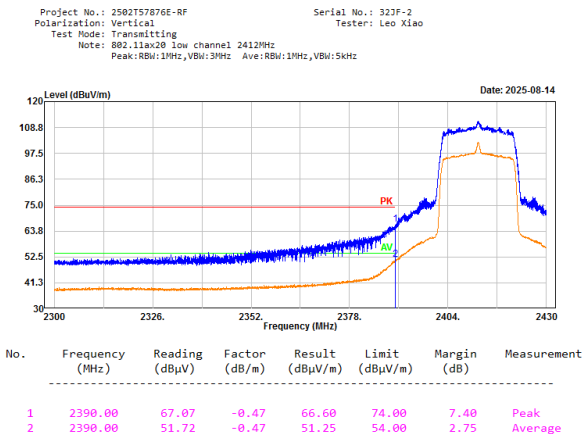
Serial No.: 323F-2
Tester: Leo Xiao



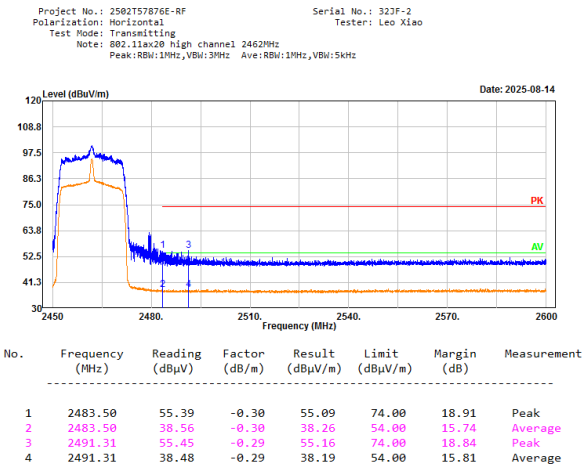
802.11ax20 low channel Bandedge Horizontal



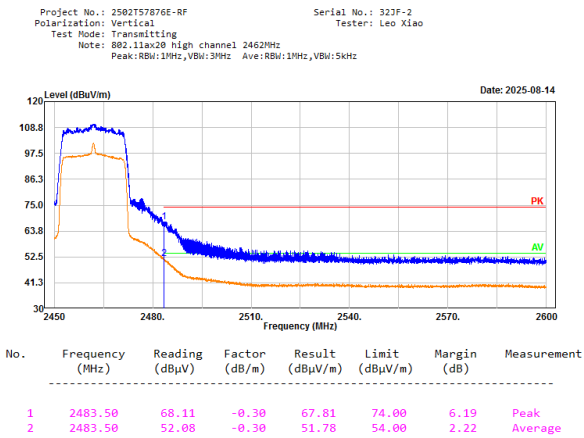
802.11ax20 low channel Bandedge Vertical



802.11ax20 high channel Bandedge Horizontal



802.11ax20 high channel Bandedge Vertical



5.3 6dB Emission Bandwidth

Test Information:

Serial No.:	32JF-1	Test Date:	2025/08/06~2025/08/15
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.4-27.1	Relative Humidity: (%)	48-55	ATM Pressure: (kPa)	99.8-100.9
----------------------	-----------	---------------------------	-------	------------------------	------------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06

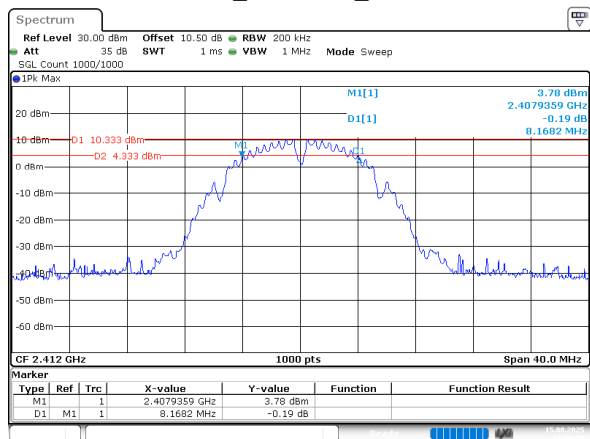
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Note: Test only was performed at Chain 0.

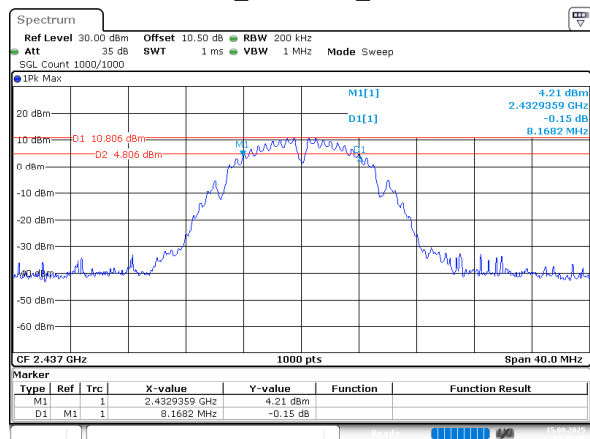
Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	Chain 0	2412	8.168	≥0.5	Pass
		2437	8.168	≥0.5	Pass
		2462	8.168	≥0.5	Pass
802.11g	Chain 0	2412	16.336	≥0.5	Pass
		2437	16.416	≥0.5	Pass
		2462	16.376	≥0.5	Pass
802.11n20	Chain 0	2412	17.578	≥0.5	Pass
		2437	17.578	≥0.5	Pass
		2462	17.538	≥0.5	Pass
802.11ax20	Chain 0	2412	18.979	≥0.5	Pass
		2437	18.659	≥0.5	Pass
		2462	18.939	≥0.5	Pass

802.11b_2412MHz_Chain 0



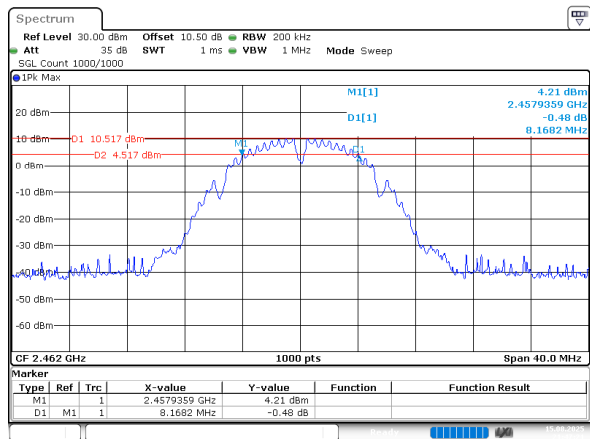
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 21:49:31

802.11b_2437MHz_Chain 0



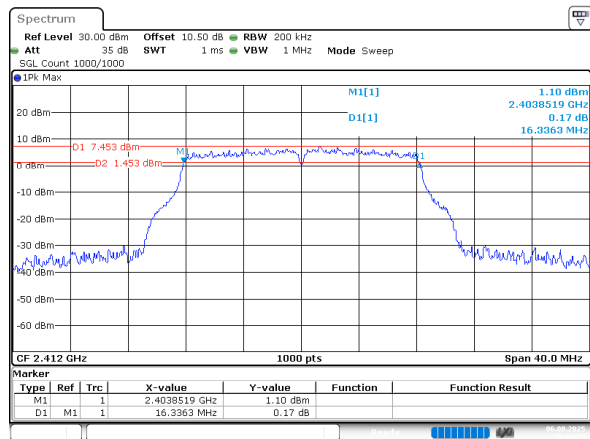
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 21:45:48

802.11b_2462MHz_Chain 0



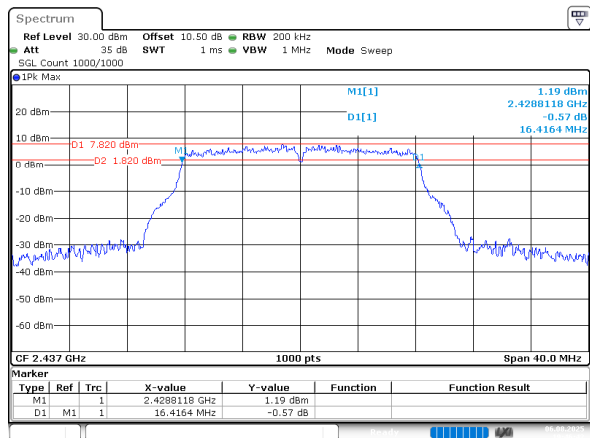
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 21:47:21

802.11g_2412MHz_Chain 0



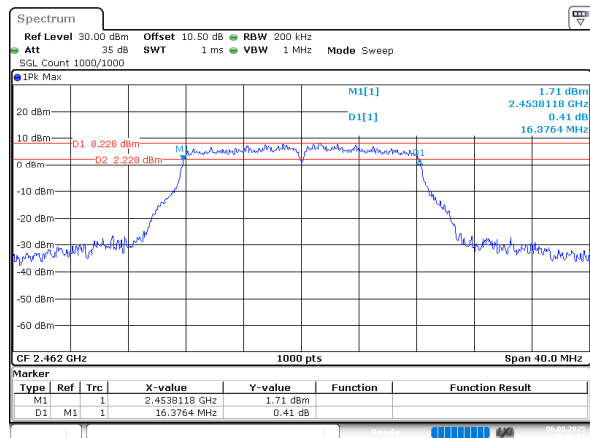
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:43:23

802.11g_2437MHz_Chain 0



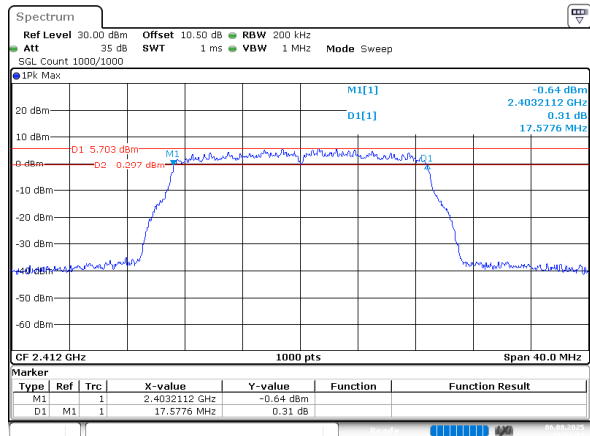
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:46:42

802.11g_2462MHz_Chain 0



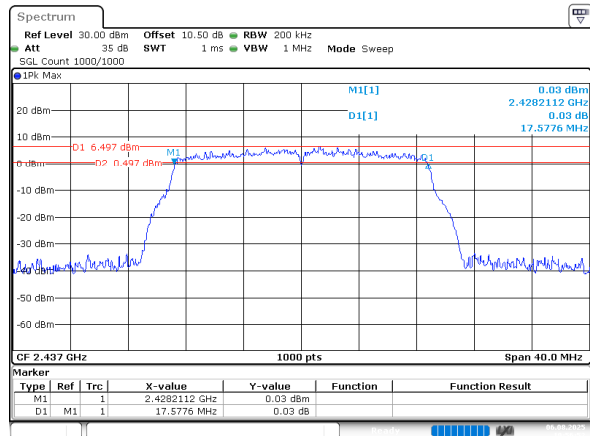
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:49:31

802.11n20_2412MHz_Chain 0



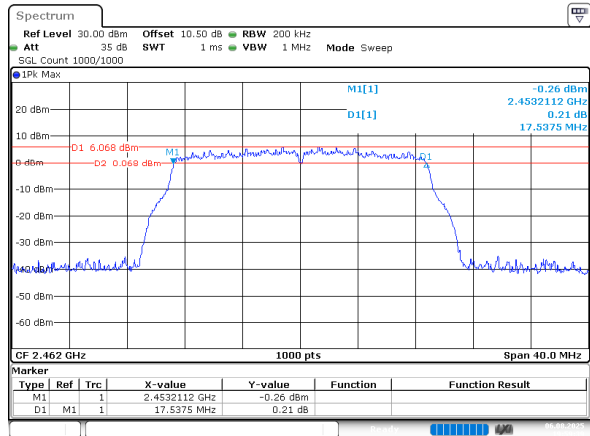
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:53:31

802.11n20_2437MHz_Chain 0



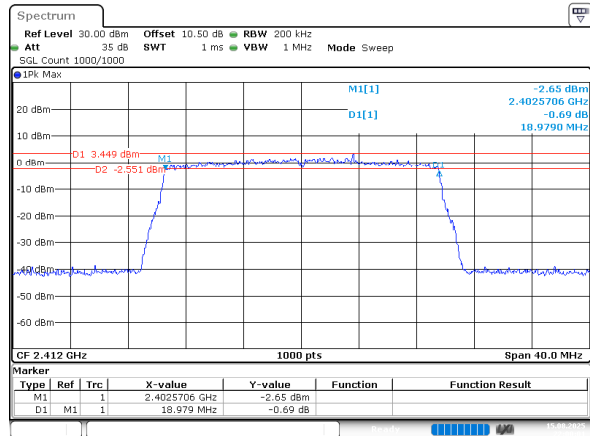
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:56:52

802.11n20_2462MHz_Chain 0



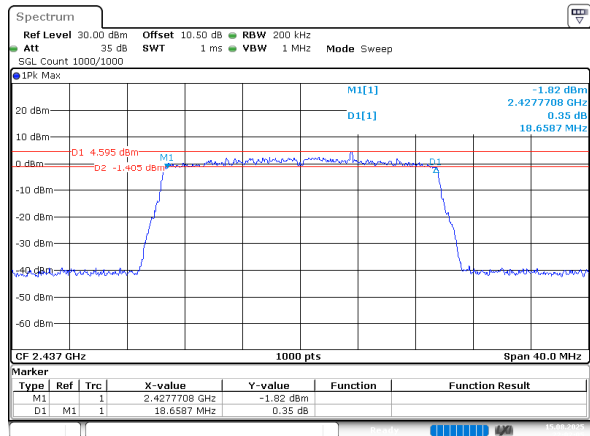
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:59:39

802.11ax20_2412MHz_Chain 0



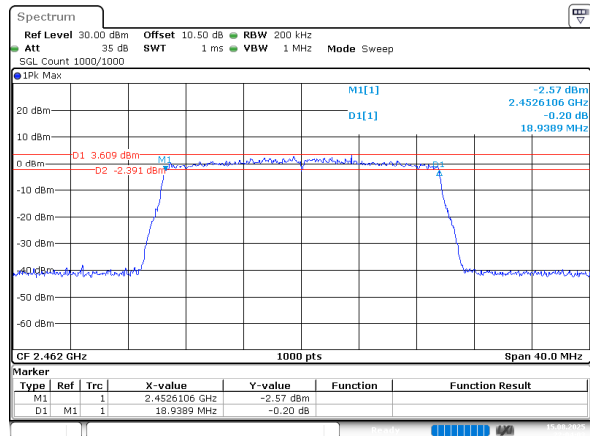
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 22:00:01

802.11ax20_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 22:02:05

802.11ax20_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 22:04:04

5.4 99% Occupied Bandwidth

Test Information:

Serial No.:	32JF-1	Test Date:	2025/08/06~2025/08/15
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	26.4-27.1	Relative Humidity: (%)	48-55	ATM Pressure: (kPa)	99.8-100.9
----------------------	-----------	---------------------------	-------	------------------------	------------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06

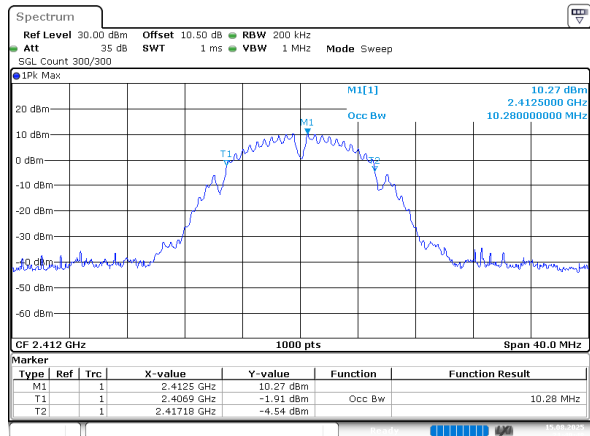
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Note: Test only was performed at Chain 0.

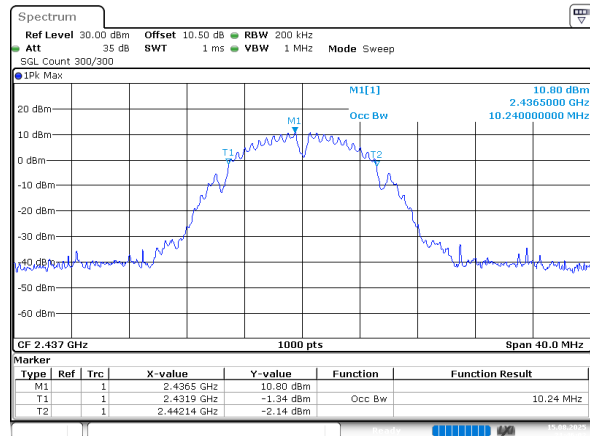
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11b	Chain 0	2412	10.280
		2437	10.240
		2462	10.280
802.11g	Chain 0	2412	16.480
		2437	16.480
		2462	16.480
802.11n20	Chain 0	2412	17.600
		2437	17.640
		2462	17.640
802.11ax20	Chain 0	2412	18.960
		2437	18.920
		2462	18.960

802.11b_2412MHz_Chain 0



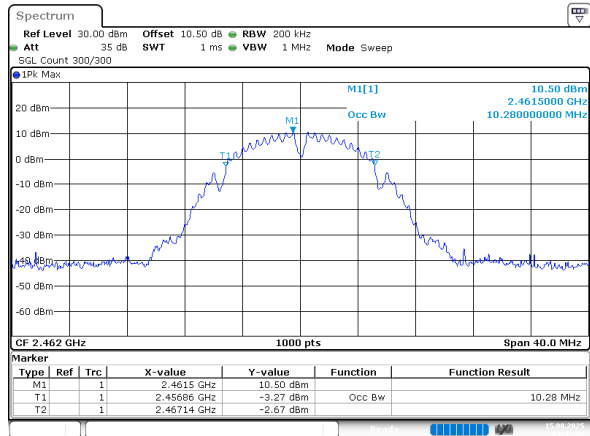
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 21:49:49

802.11b_2437MHz_Chain 0



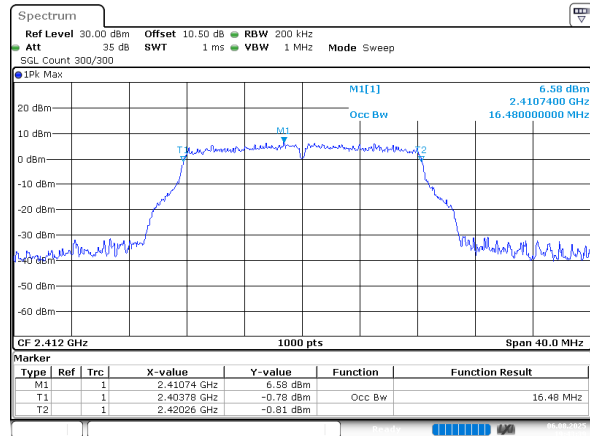
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 21:46:02

802.11b_2462MHz_Chain 0



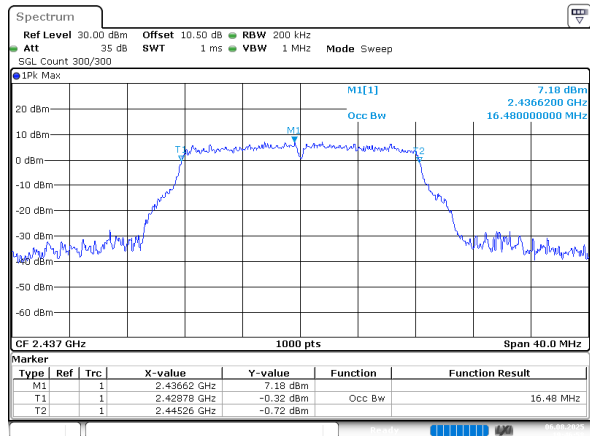
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 21:47:37

802.11g_2412MHz_Chain 0



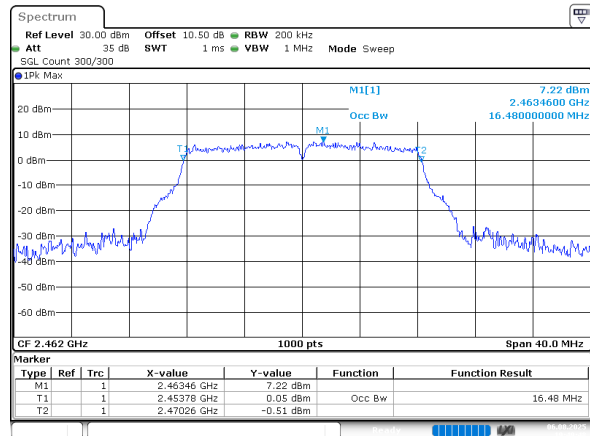
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:43:39

802.11g_2437MHz_Chain 0



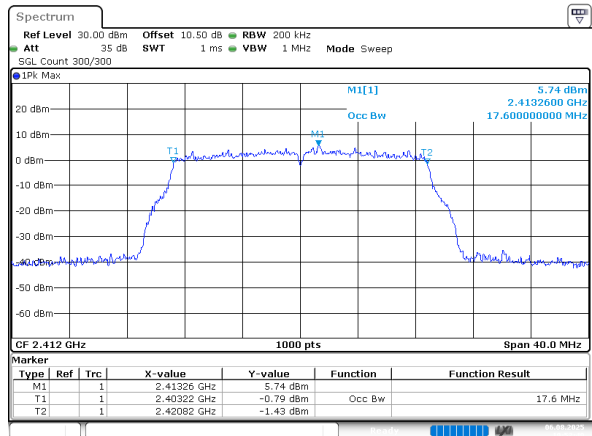
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:46:58

802.11g_2462MHz_Chain 0



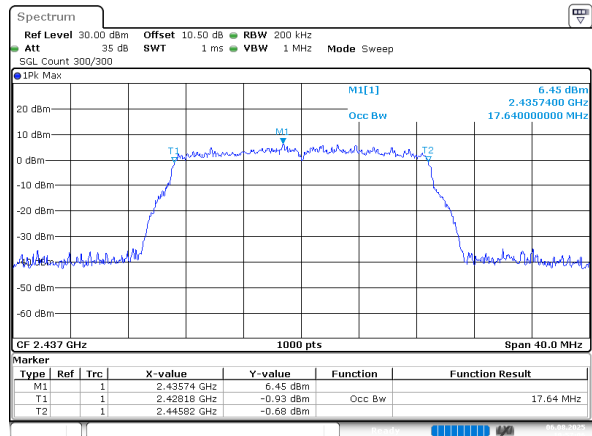
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:49:48

802.11n20_2412MHz_Chain 0



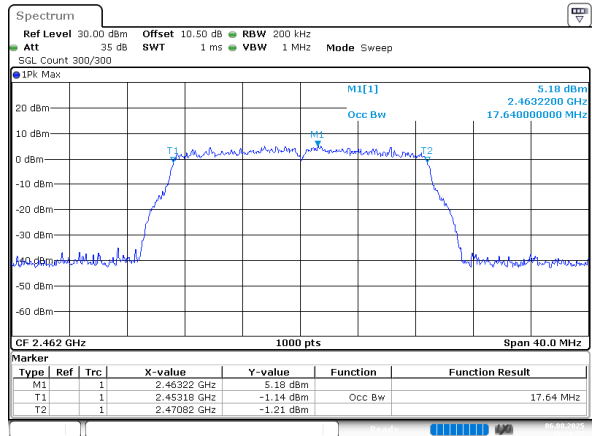
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:53:49

802.11n20_2437MHz_Chain 0



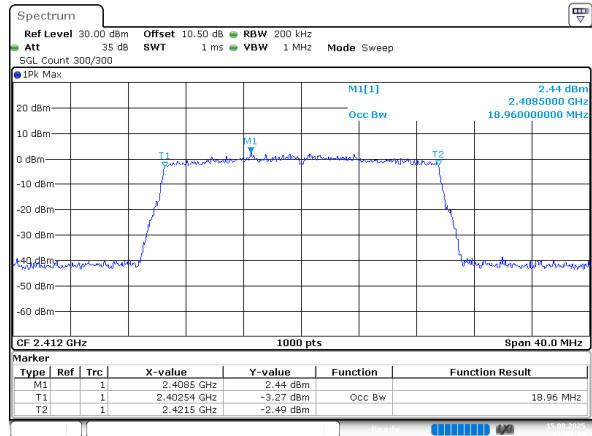
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:57:07

802.11n20_2462MHz_Chain 0



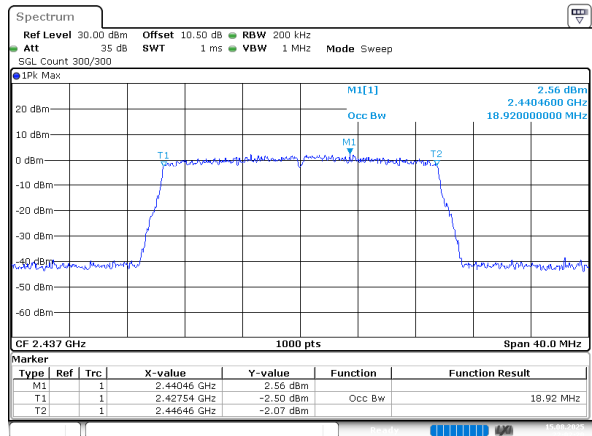
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 6.AUG.2025 19:59:55

802.11ax20_2412MHz_Chain 0



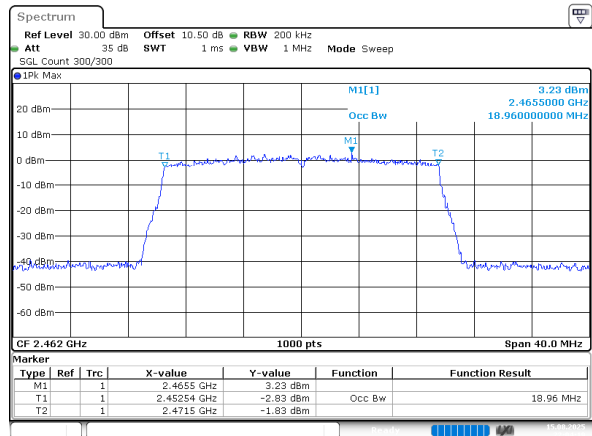
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 22:00:18

802.11ax20_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 22:02:20

802.11ax20_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 15.AUG.2025 22:04:20

5.5 Maximum Conducted Output Power

Test Information:

Serial No.:	32JF-1	Test Date:	2025/08/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.7	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.1
----------------------	------	---------------------------	----	------------------------	-------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2025/06/11	2026/06/10

** 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:

Mode	Antenna	Test Frequency (MHz)	Peak Output Power (dBm)	Average Output Power (dBm)	Limit (dBm)
802.11b	Chain 0	2412	21.02	17.55	29.74
		2437	21.38	18.22	29.74
		2462	21.48	18.22	29.74
	Chain 1	2412	21.08	17.79	29.74
		2437	21.44	18.10	29.74
		2462	21.55	18.34	29.74
802.11g	Chain 0	2412	26.01	17.56	29.74
		2437	26.26	17.87	29.74
		2462	26.48	18.01	29.74
	Chain 1	2412	26.56	17.76	29.74
		2437	26.80	18.05	29.74
		2462	26.94	18.62	29.74
802.11n20	Chain 0	2412	22.81	14.75	29.74
		2437	23.09	14.83	29.74
		2462	23.23	15.00	29.74
	Chain 1	2412	23.35	14.91	29.74
		2437	23.65	15.01	29.74
		2462	24.23	15.05	29.74
	Chain 0+Chain 1	2412	26.10	17.84	29.74
		2437	26.39	17.93	29.74
		2462	26.77	18.04	29.74
802.11ax20	Chain 0	2412	21.44	11.63	29.74
		2437	21.69	11.88	29.74
		2462	21.84	12.10	29.74
	Chain 1	2412	22.19	12.46	29.74
		2437	22.49	12.74	29.74
		2462	22.71	12.87	29.74
	Chain 0+Chain 1	2412	24.84	15.08	29.74
		2437	25.12	15.34	29.74
		2462	25.31	15.51	29.74

Note: Calculate limit with maximum antenna gain.

5.6 Power Spectral Density

Test Information:

Serial No.:	32JF-1	Test Date:	2025/08/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.7	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.1
----------------------	------	------------------------------	----	------------------------	-------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06

** 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).*

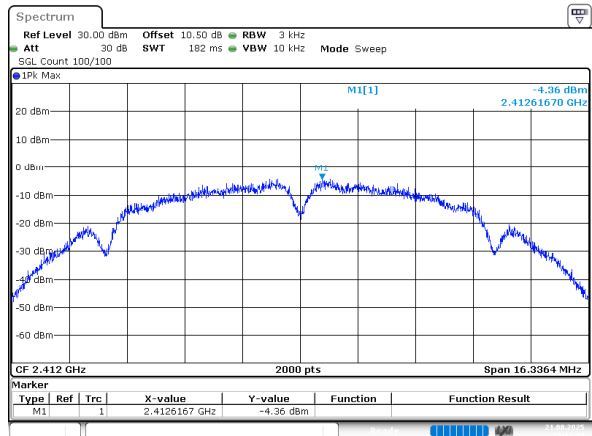
Test Data:

Mode	Antenna	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	Chain 0	2412	-4.36	7.74	Pass
		2437	-3.24	7.74	Pass
		2462	-3.17	7.74	Pass
	Chain 1	2412	-2.80	7.74	Pass
		2437	-2.98	7.74	Pass
		2462	-3.62	7.74	Pass
802.11g	Chain 0	2412	-6.81	7.74	Pass
		2437	-6.57	7.74	Pass
		2462	-6.27	7.74	Pass
	Chain 1	2412	-6.06	7.74	Pass
		2437	-5.68	7.74	Pass
		2462	-5.49	7.74	Pass
802.11n20	Chain 0	2412	-10.47	7.74	Pass
		2437	-10.02	7.74	Pass
		2462	-10.00	7.74	Pass
	Chain 1	2412	-9.09	7.74	Pass
		2437	-8.83	7.74	Pass
		2462	-8.29	7.74	Pass
	Chain 0+Chain 1	2412	-6.72	4.74	Pass
		2437	-6.37	4.74	Pass
		2462	-6.05	4.74	Pass
802.11ax20	Chain 0	2412	-14.37	7.74	Pass
		2437	-14.18	7.74	Pass
		2462	-13.94	7.74	Pass
	Chain 1	2412	-13.45	7.74	Pass
		2437	-13.34	7.74	Pass
		2462	-13.08	7.74	Pass
	Chain 0+Chain 1	2412	-10.88	4.74	Pass
		2437	-10.73	4.74	Pass
		2462	-10.48	4.74	Pass

Note: Calculate limit with maximum antenna gain.

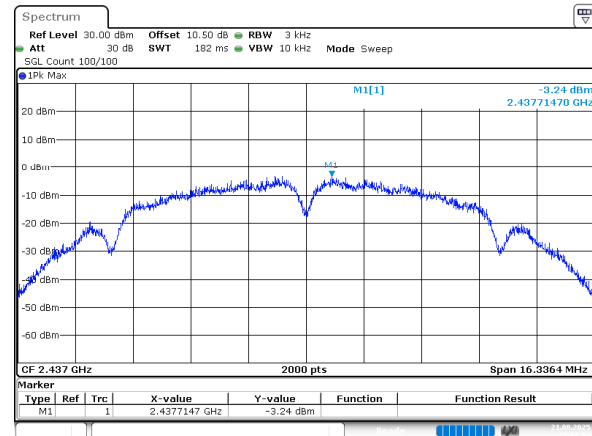
Chain 0

802.11b_2412MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:12:14

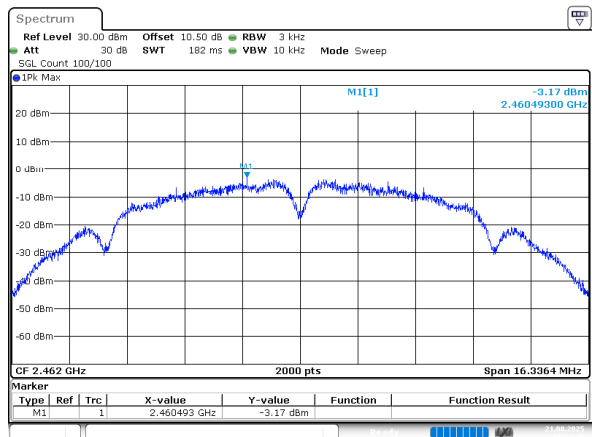
802.11b_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:13:57

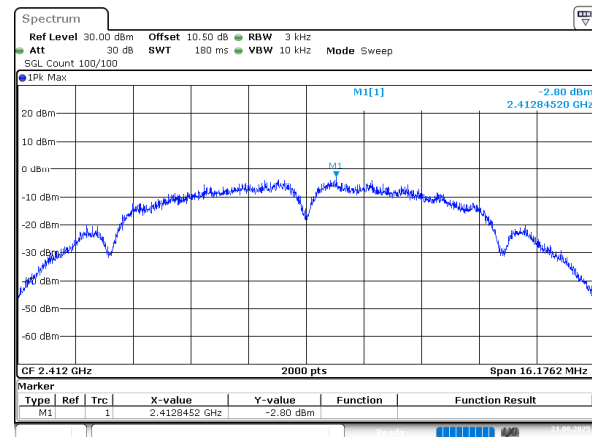
Chain 1

802.11b_2462MHz_Chain 0



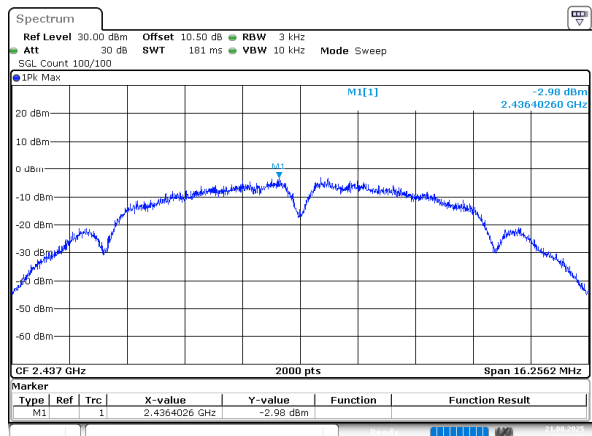
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:14:45

802.11b_2412MHz_Chain 1



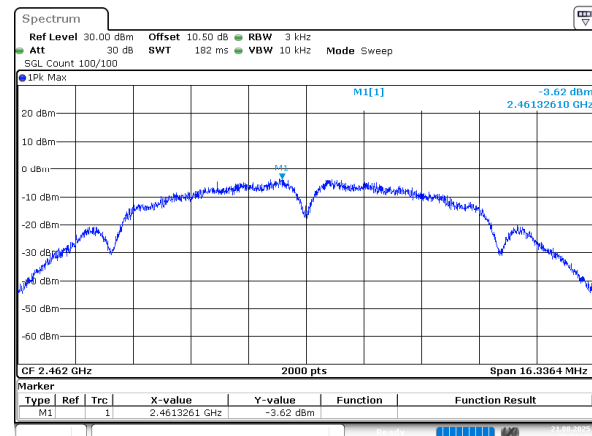
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:19:59

802.11b_2437MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:20:47

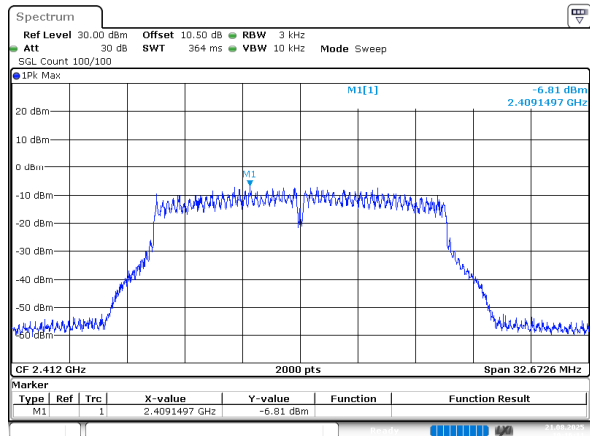
802.11b_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:21:35

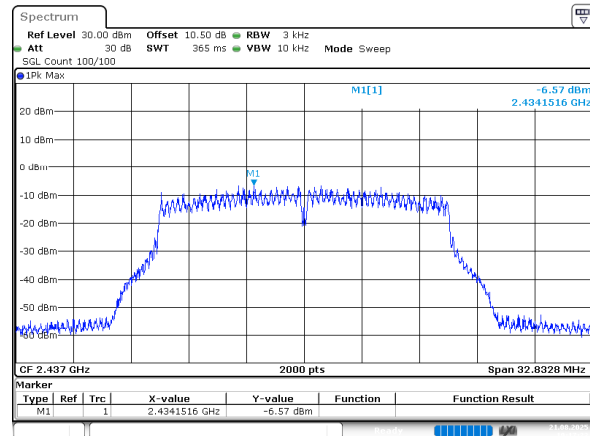
Chain 0

802.11g_2412MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:16:12

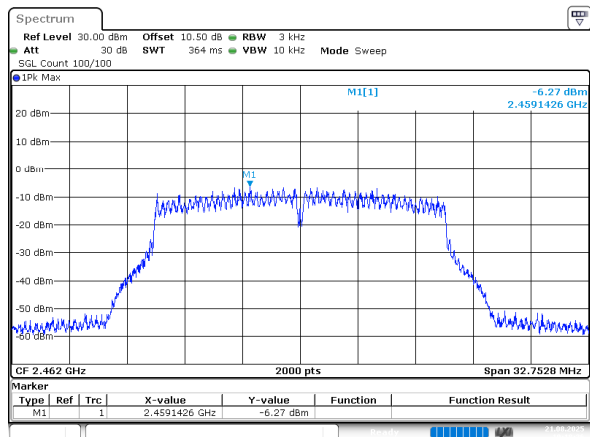
802.11g_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:17:23

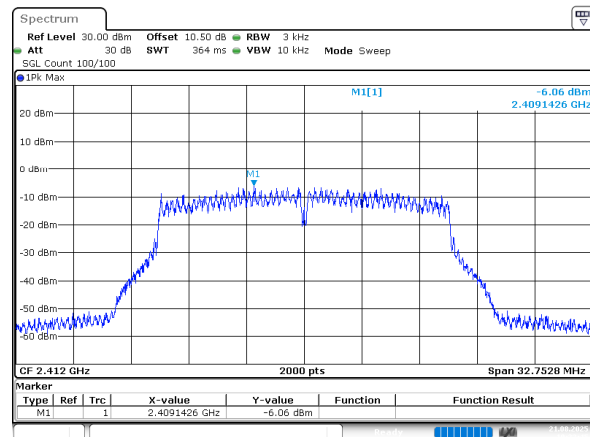
Chain 1

802.11g_2462MHz_Chain 0



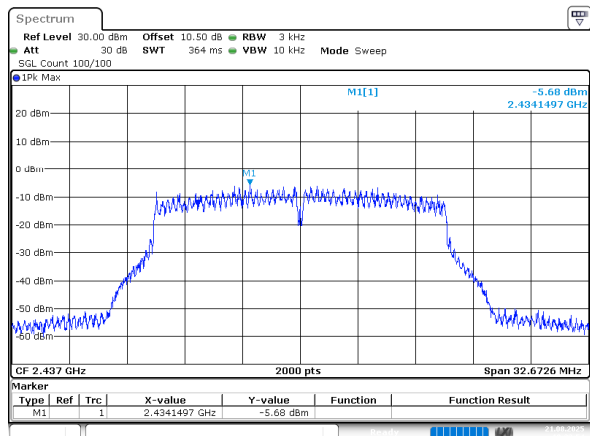
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:18:36

802.11g_2412MHz_Chain 1



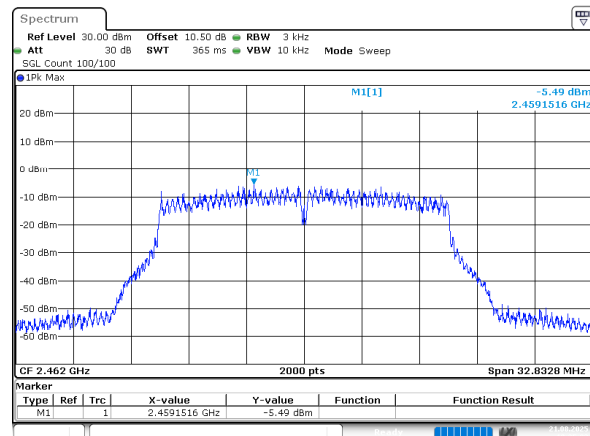
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:22:45

802.11g_2437MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:23:54

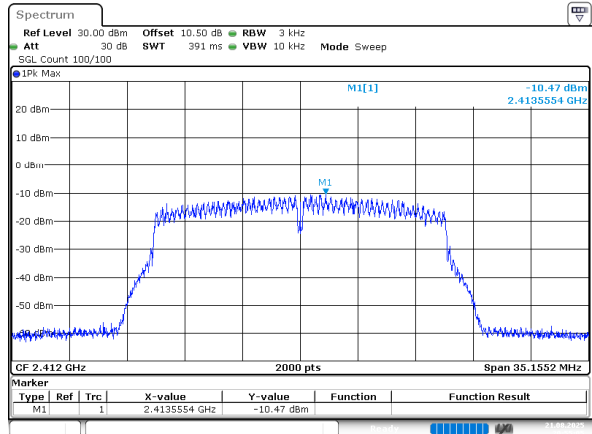
802.11g_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:25:03

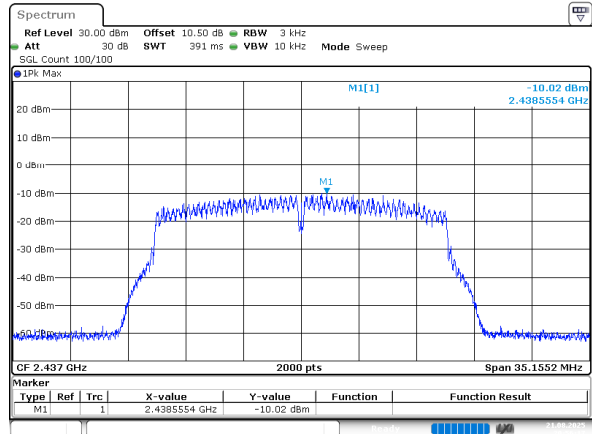
Chain 0

802.11n20_2412MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 20:55:05

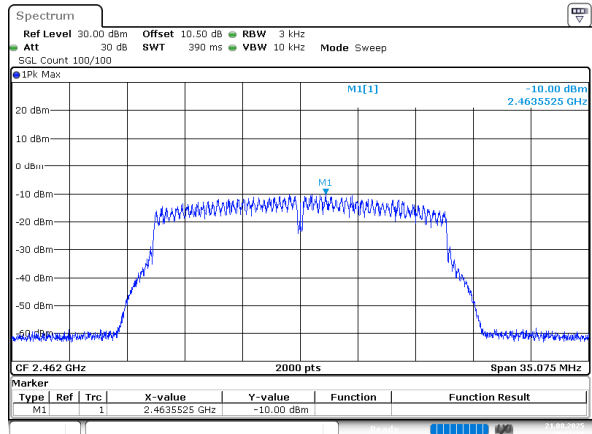
802.11n20_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 20:56:17

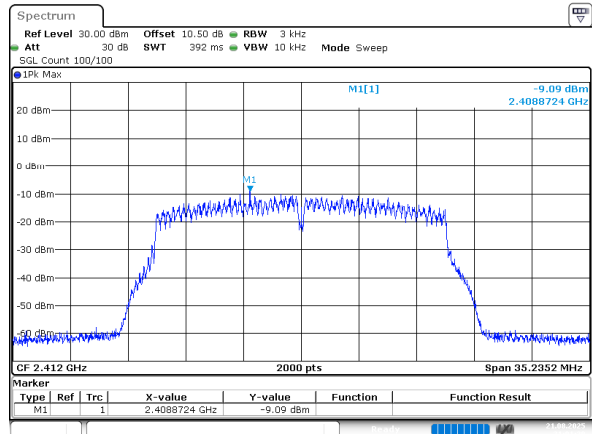
Chain 1

802.11n20_2462MHz_Chain 0



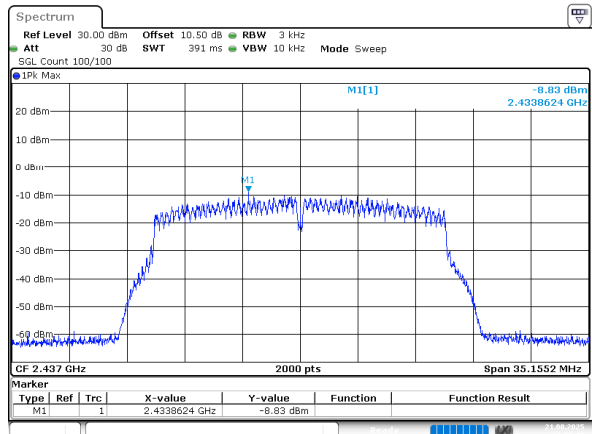
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 20:57:29

802.11n20_2412MHz_Chain 1



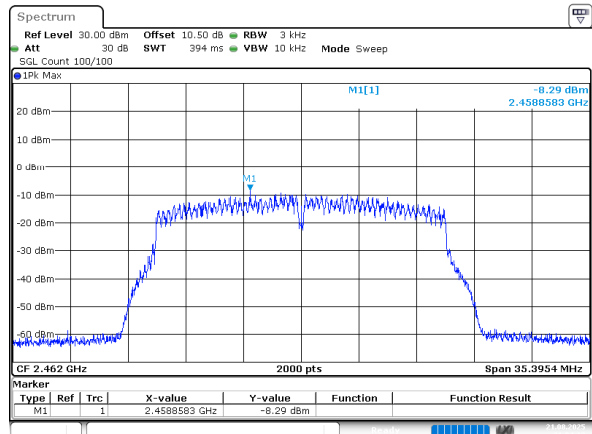
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 21:01:29

802.11n20_2437MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 21:02:48

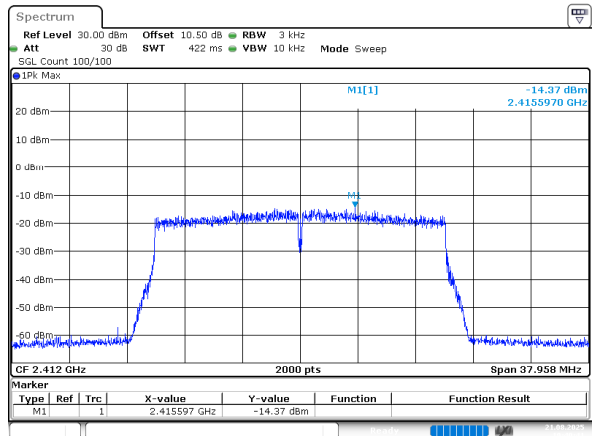
802.11n20_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 21:04:12

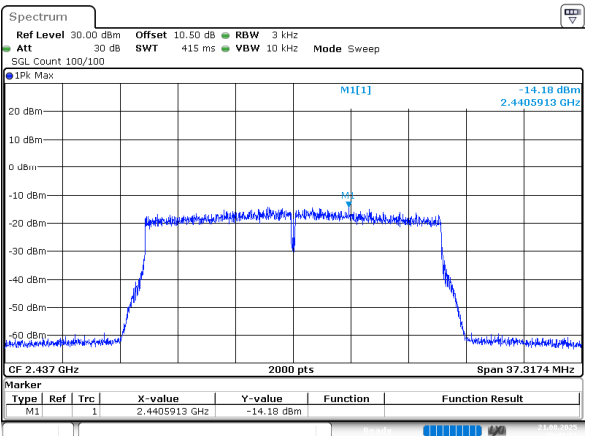
Chain 0

802.11ax20_2412MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:40:41

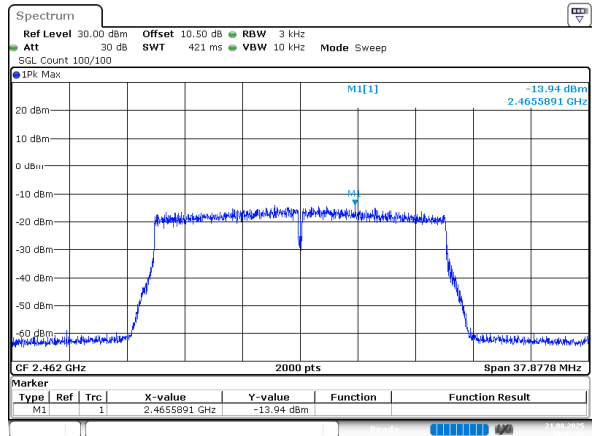
802.11ax20_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:41:53

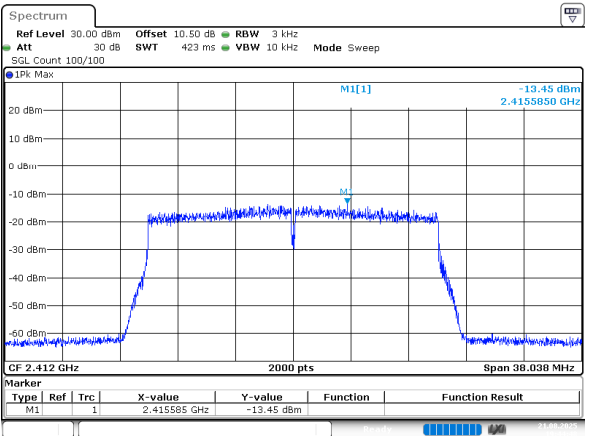
Chain 1

802.11ax20_2462MHz_Chain 0



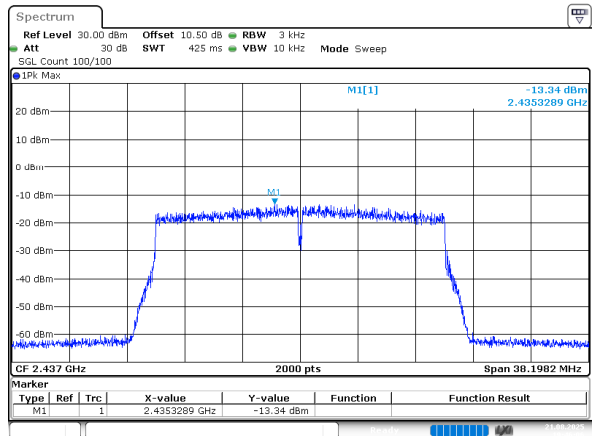
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:43:06

802.11ax20_2412MHz_Chain 1



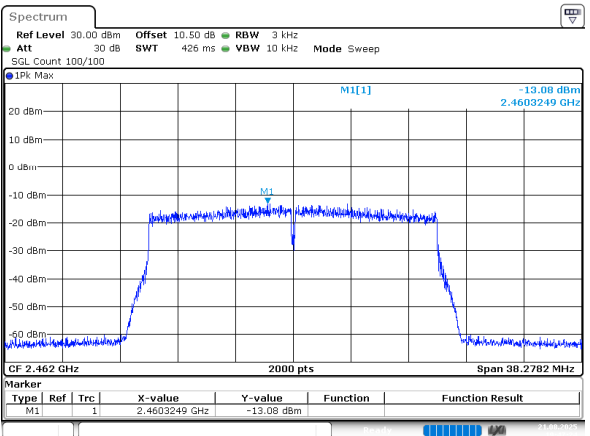
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:44:48

802.11ax20_2437MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:46:06

802.11ax20_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 21.AUG.2025 19:47:24

5.7 Conducted Spurious Emission

Test Information:

Serial No.:	32JF-1	Test Date:	2025/09/12
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9	Relative Humidity: (%)	54	ATM Pressure: (kPa)	100.4
----------------------	------	---------------------------	----	------------------------	-------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101589	2025/07/28	2026/07/27

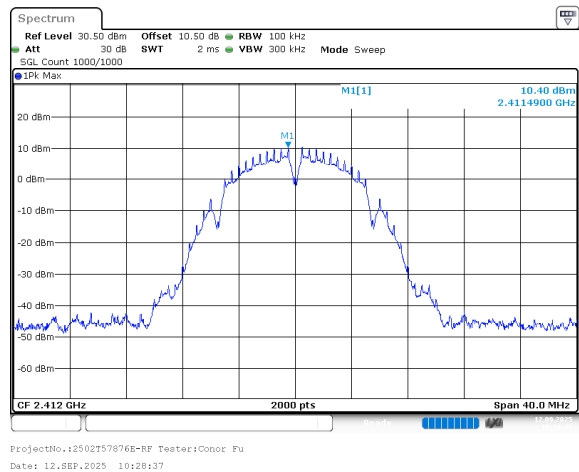
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

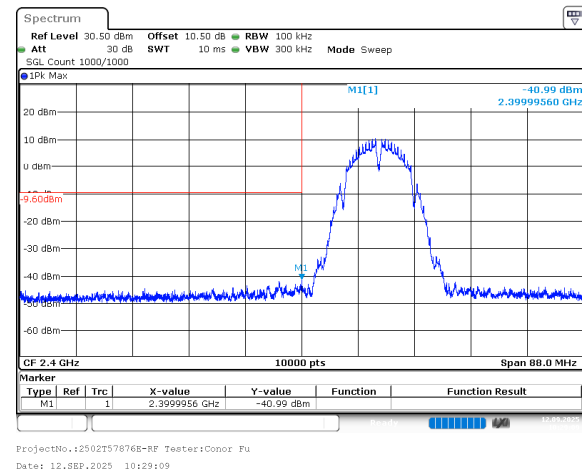
Note: The maximum path attenuation of 30MHz-25GHz was added into the offset.

Chain 0

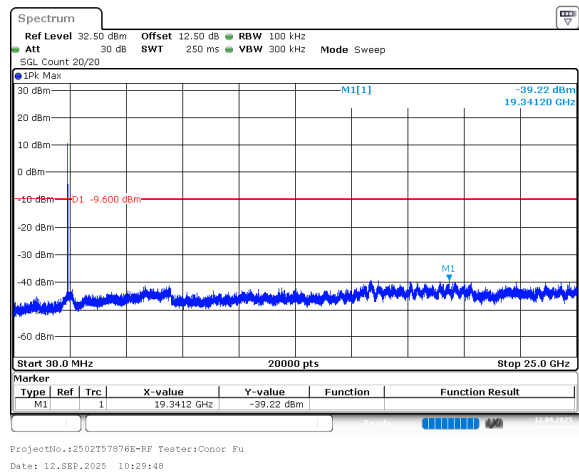
802.11b_2412MHz_Chain 0



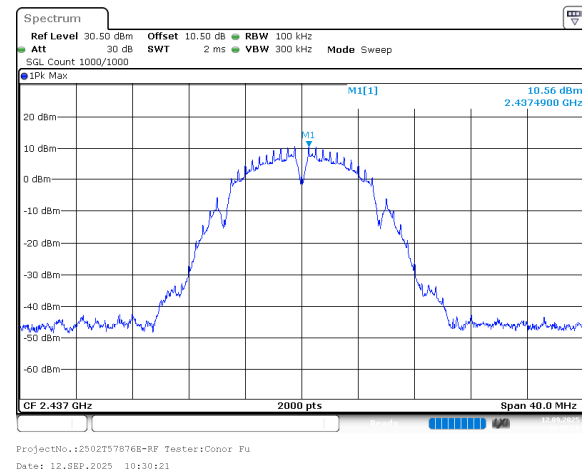
802.11b_2412MHz_Chain 0



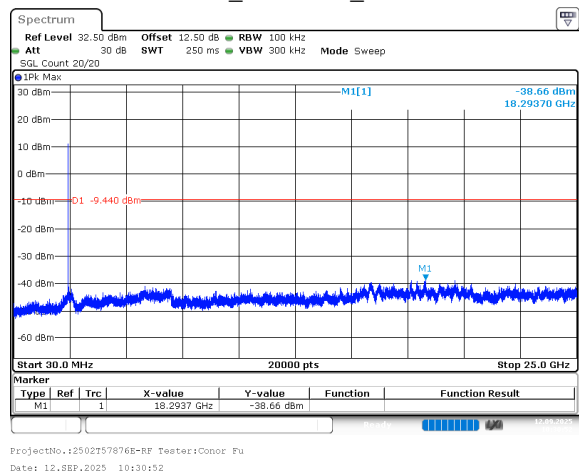
802.11b_2412MHz_Chain 0



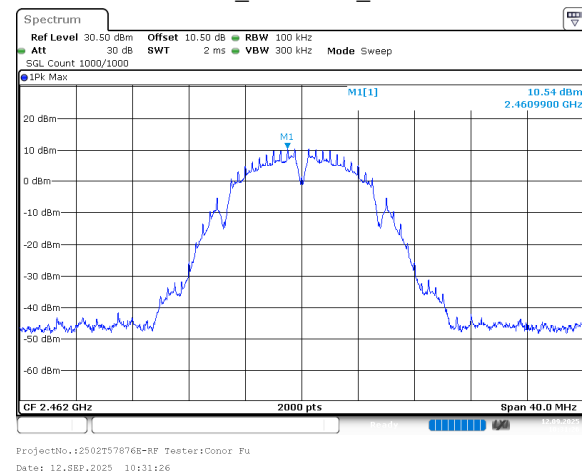
802.11b_2437MHz_Chain 0



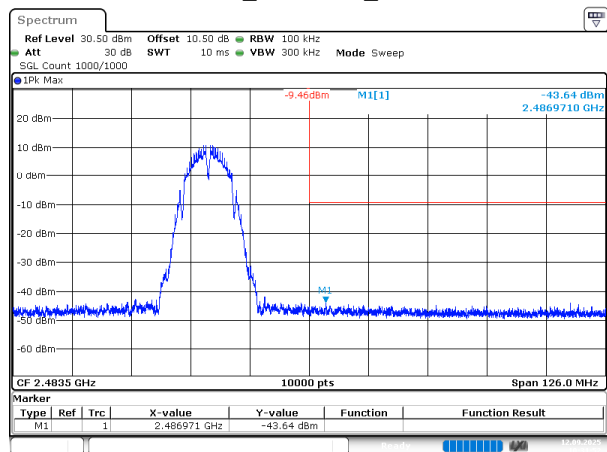
802.11b_2437MHz_Chain 0



802.11b_2462MHz_Chain 0

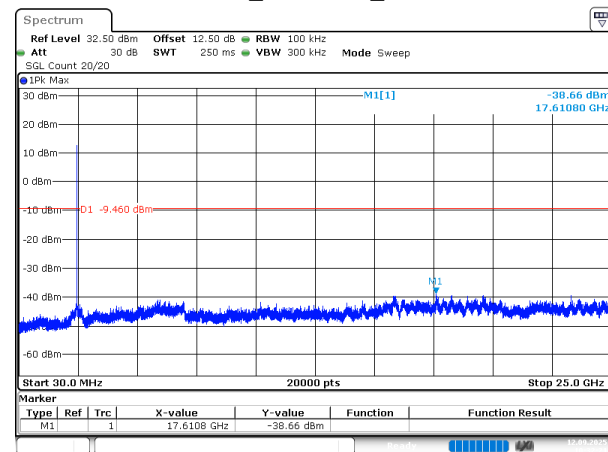


802.11b_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:31:53

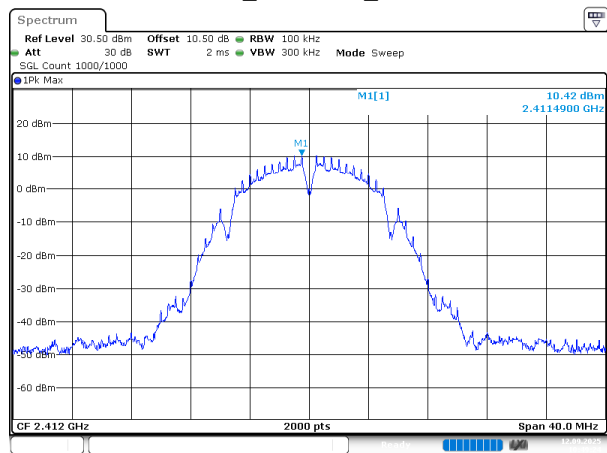
802.11b_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:32:22

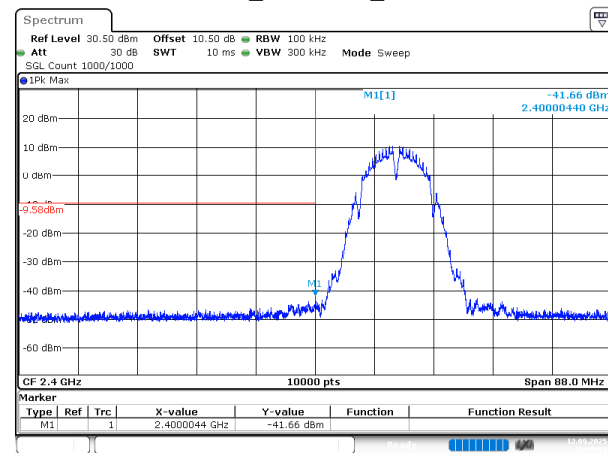
Chain 1

802.11b_2412MHz_Chain 1



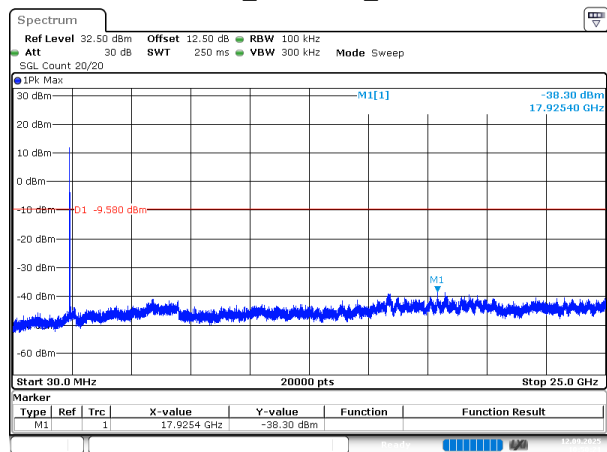
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:49:24

802.11b_2412MHz_Chain 1



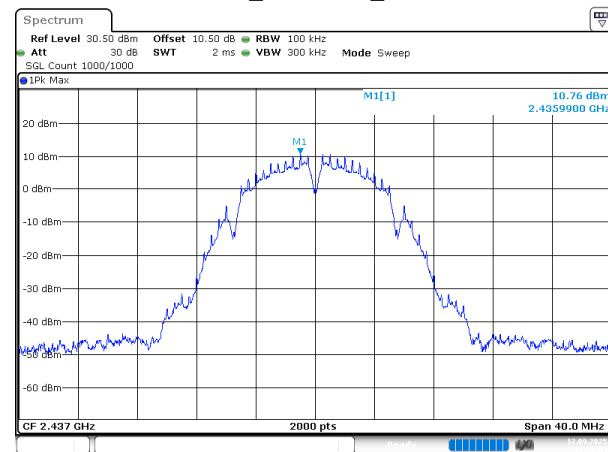
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:49:52

802.11b_2412MHz_Chain 1



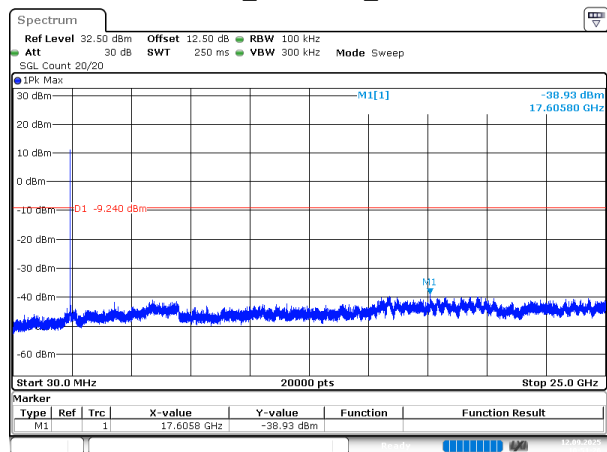
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:50:21

802.11b_2437MHz_Chain 1



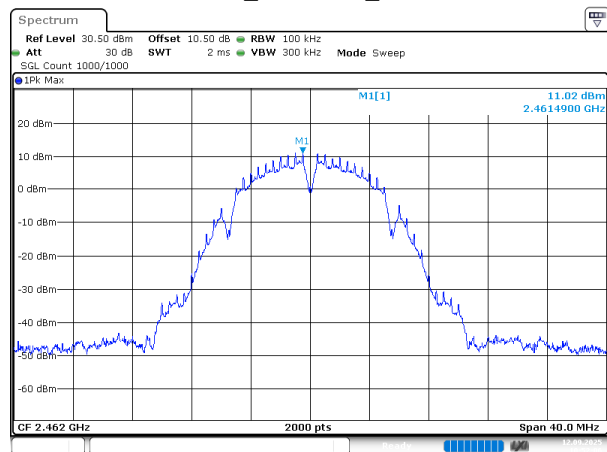
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:50:55

802.11b_2437MHz_Chain 1



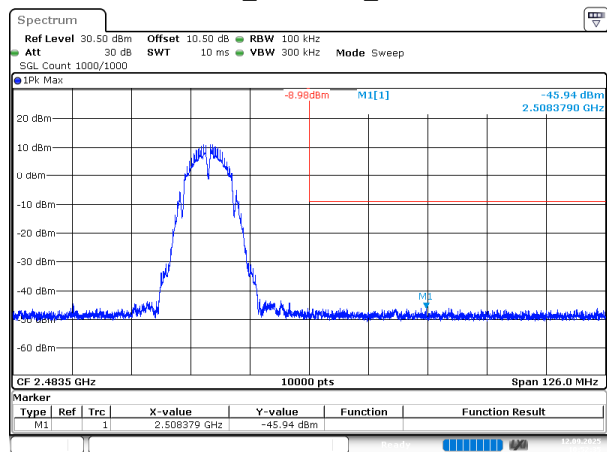
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:51:26

802.11b_2462MHz_Chain 1



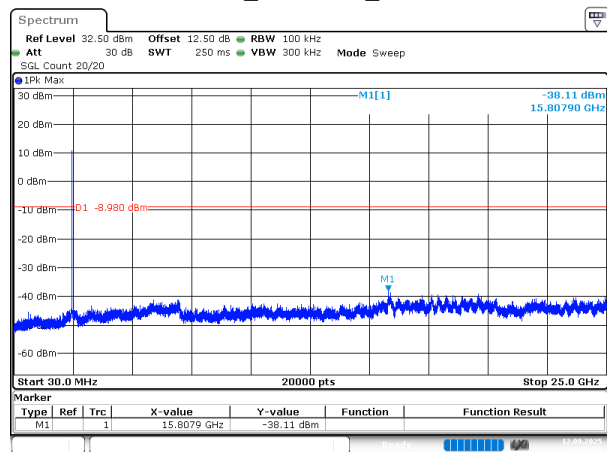
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:52:06

802.11b_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:52:35

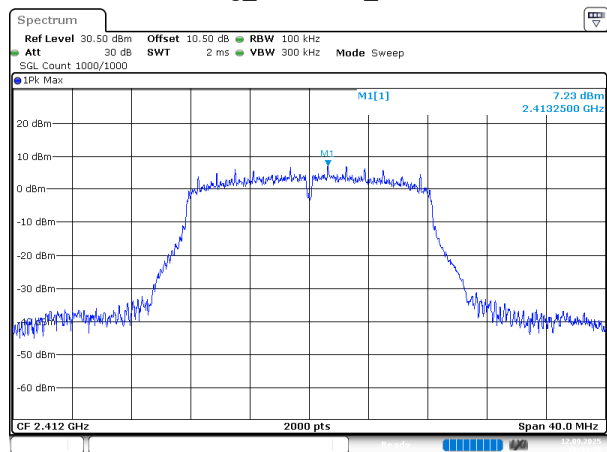
802.11b_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:53:05

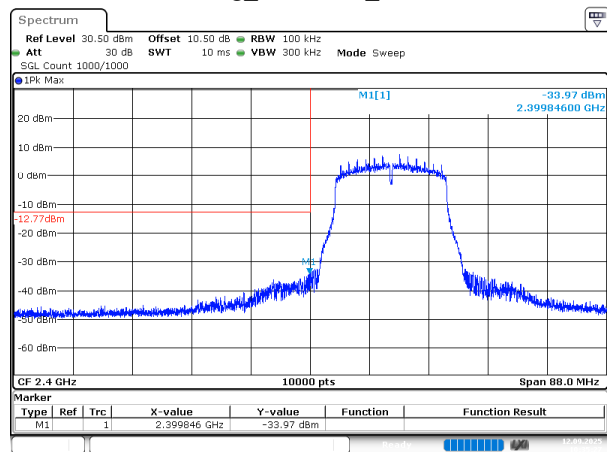
Chain 0

802.11g_2412MHz_Chain 0



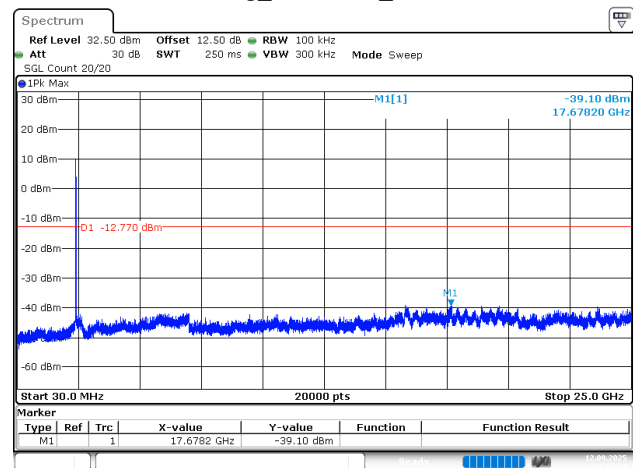
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:34:59

802.11g_2412MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:35:28

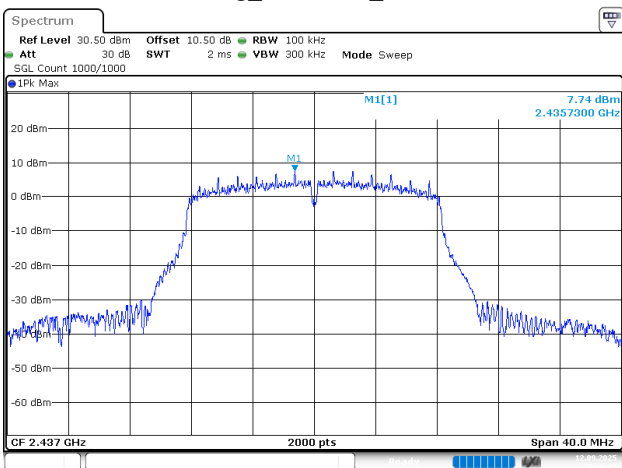
802.11g_2412MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 12.SEP.2025 10:35:57

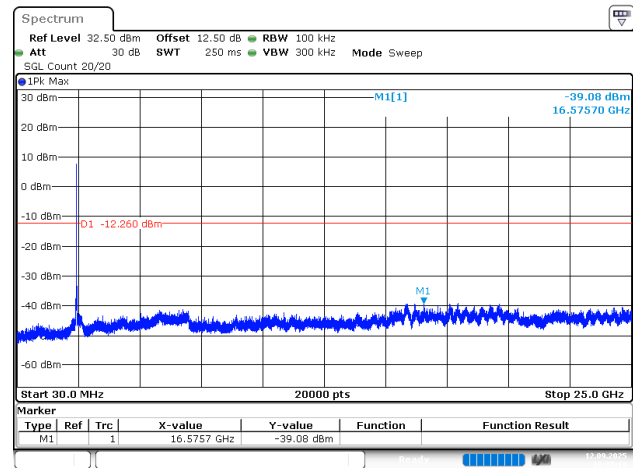
802.11g_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 12.SEP.2025 10:36:42

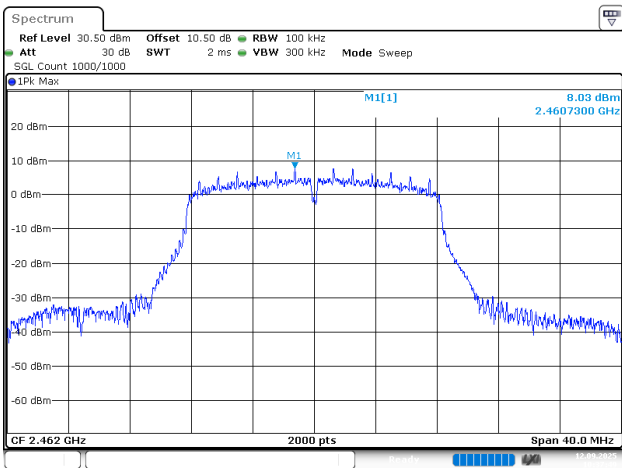
802.11g_2437MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 12.SEP.2025 10:37:14

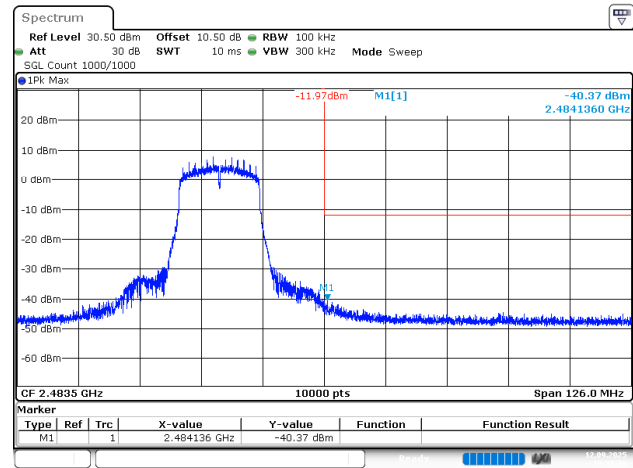
802.11g_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 12.SEP.2025 10:37:49

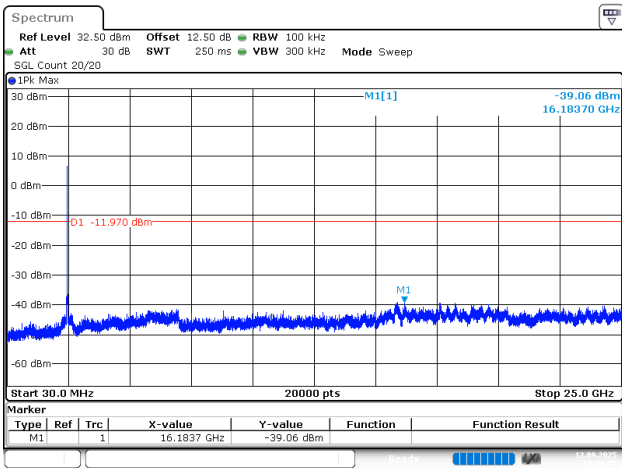
802.11g_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 12.SEP.2025 10:38:16

802.11g_2462MHz_Chain 0

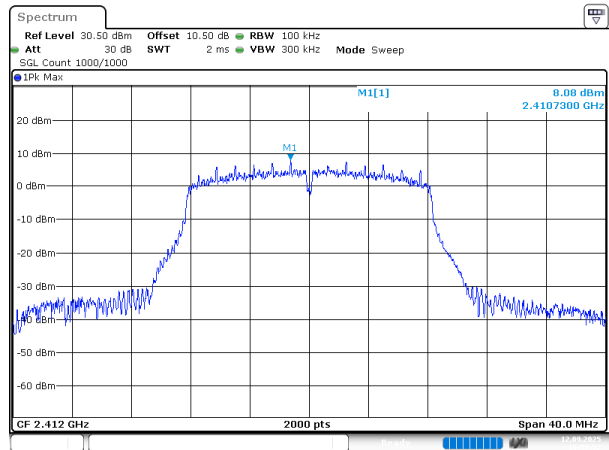


ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 12.SEP.2025 10:38:45

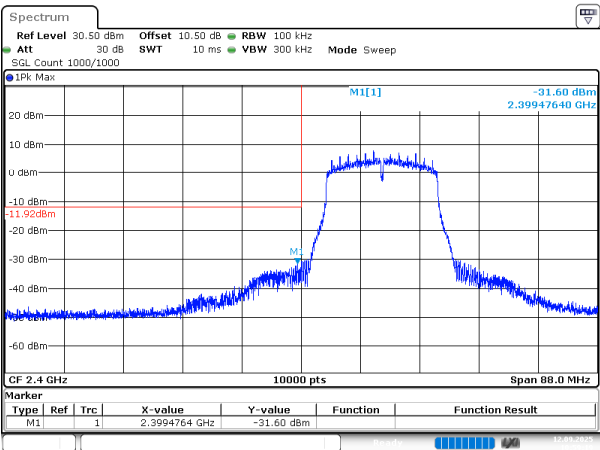
Chain 1

802.11g_2412MHz_Chain 1



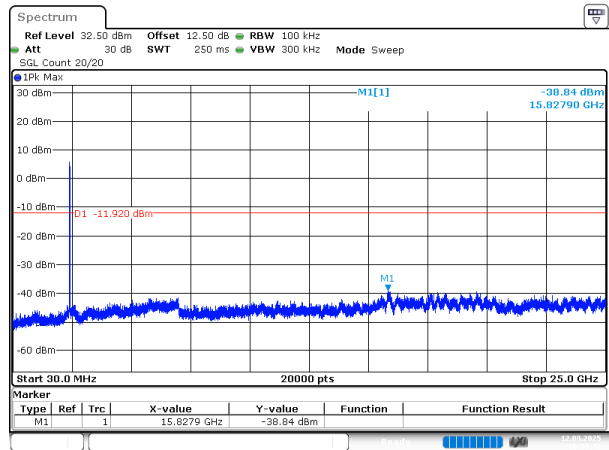
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:58:53

802.11g_2412MHz_Chain 1



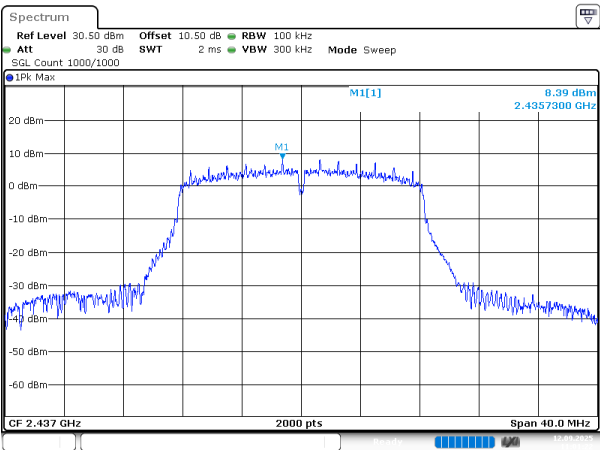
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:59:19

802.11g_2412MHz_Chain 1



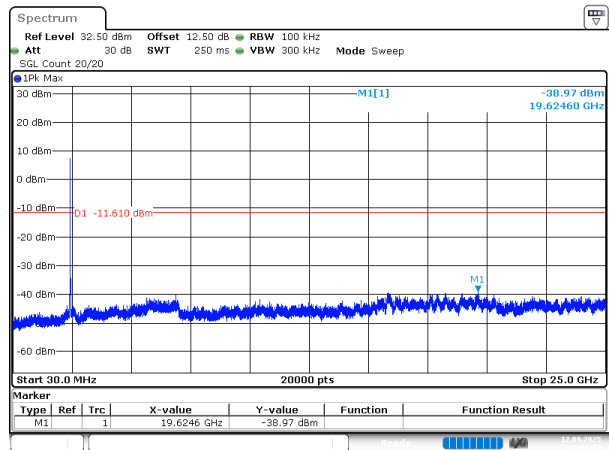
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:59:48

802.11g_2437MHz_Chain 1



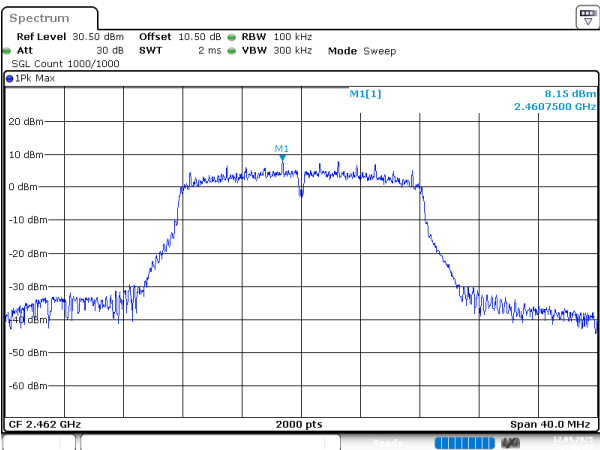
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:01:22

802.11g_2437MHz_Chain 1



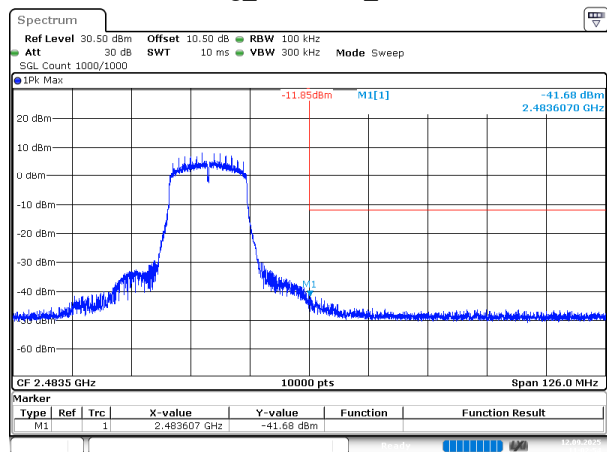
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:01:53

802.11g_2462MHz_Chain 1



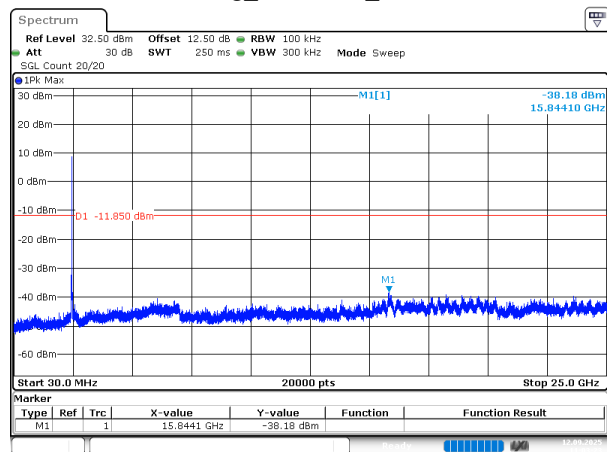
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:02:27

802.11g_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:02:54

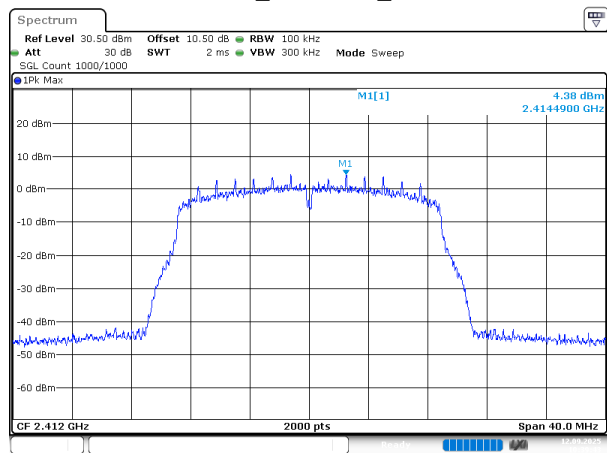
802.11g_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:03:23

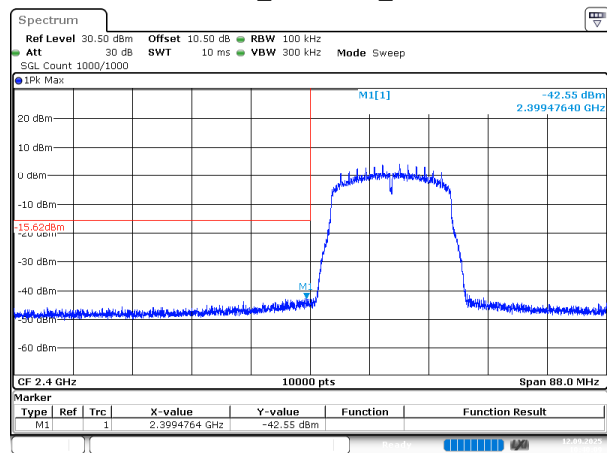
Chain 0

802.11n20_2412MHz_Chain 0



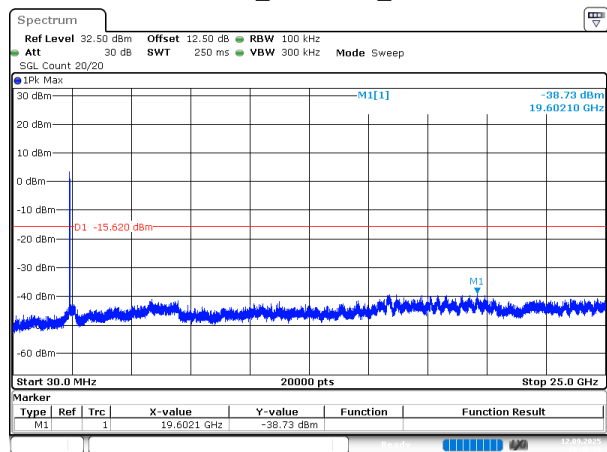
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:39:44

802.11n20_2412MHz_Chain 0



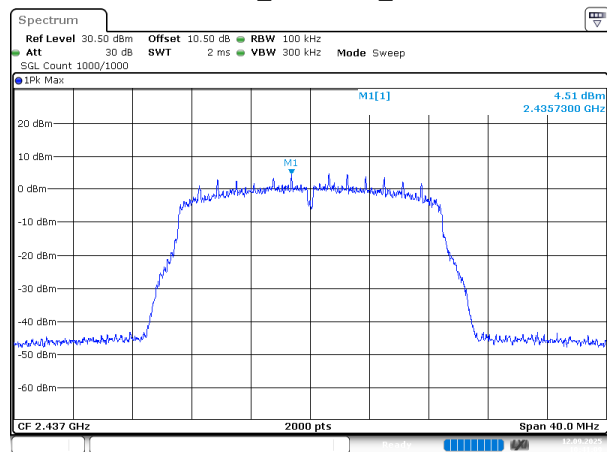
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:40:09

802.11n20_2412MHz_Chain 0



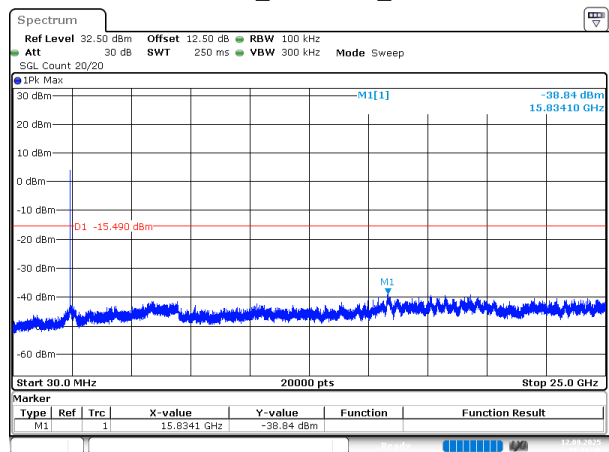
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:40:38

802.11n20_2437MHz_Chain 0



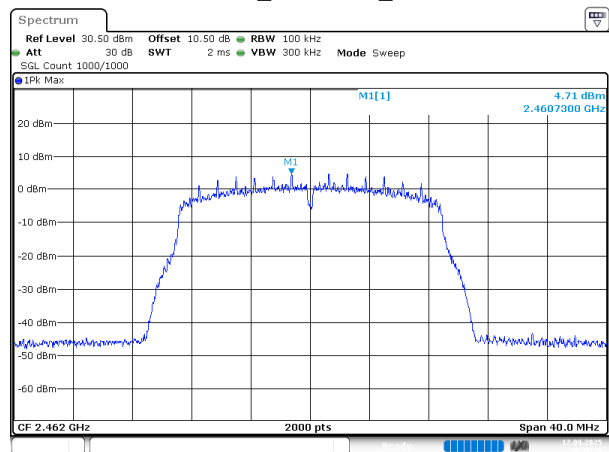
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:41:09

802.11n20_2437MHz_Chain 0



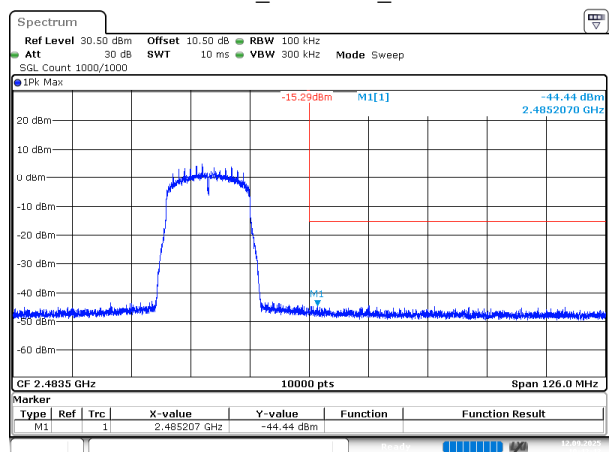
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:41:40

802.11n20_2462MHz_Chain 0



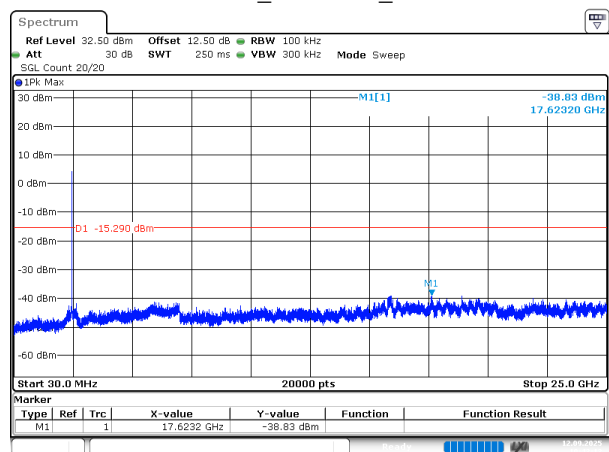
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:42:16

802.11n20_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:42:43

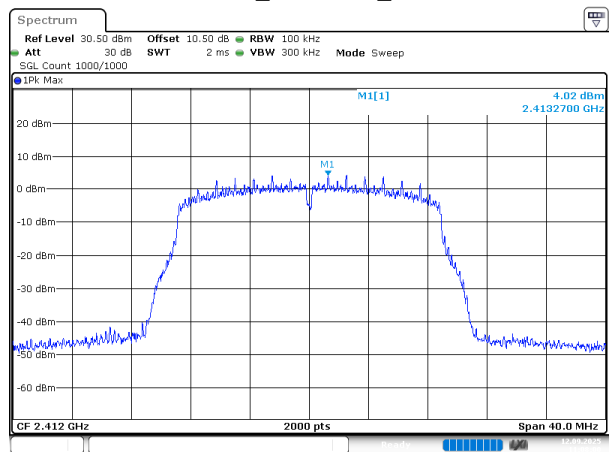
802.11n20_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:43:13

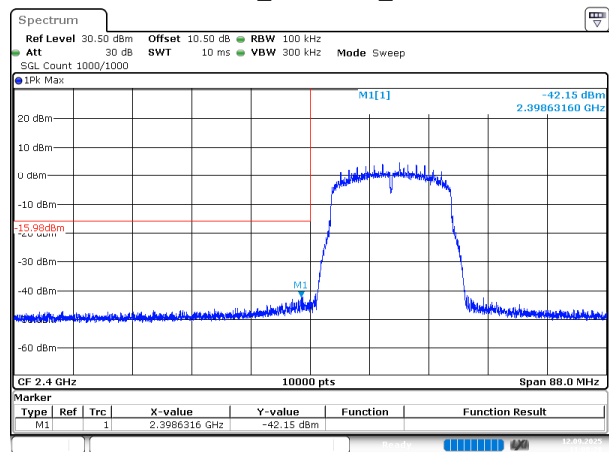
Chain 1

802.11n20_2412MHz_Chain 1



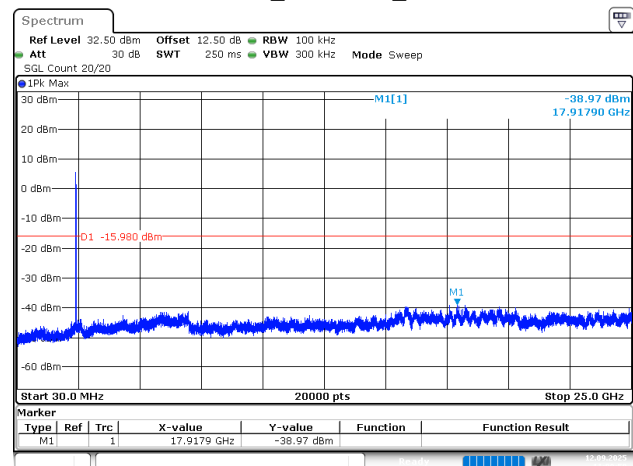
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:08:01

802.11n20_2412MHz_Chain 1



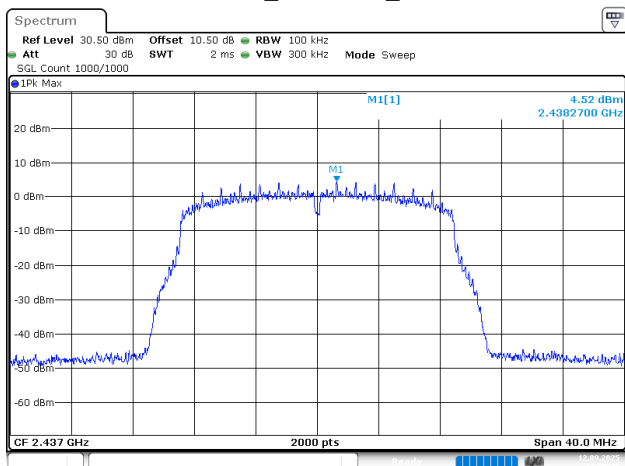
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:08:29

802.11n20_2412MHz_Chain 1



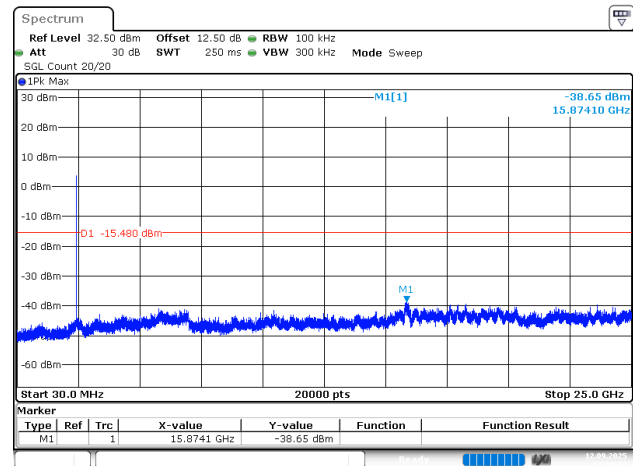
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:08:59

802.11n20_2437MHz_Chain 1



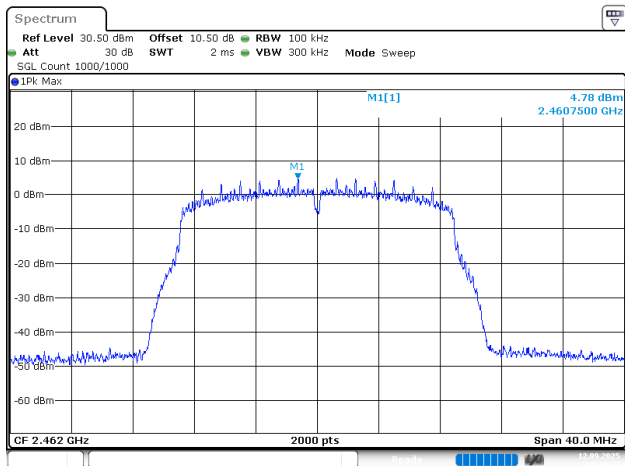
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:09:35

802.11n20_2437MHz_Chain 1



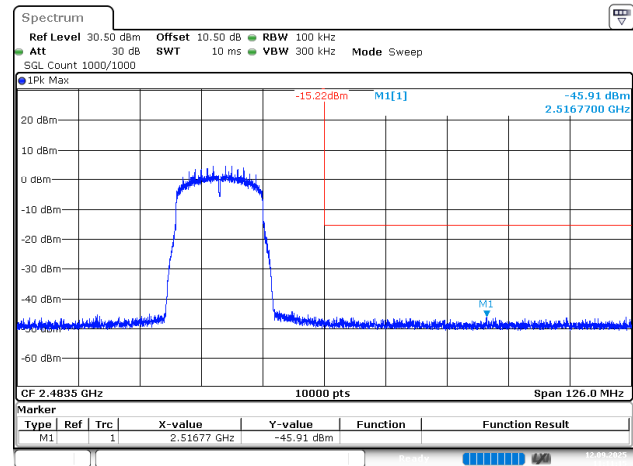
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:10:07

802.11n20_2462MHz_Chain 1



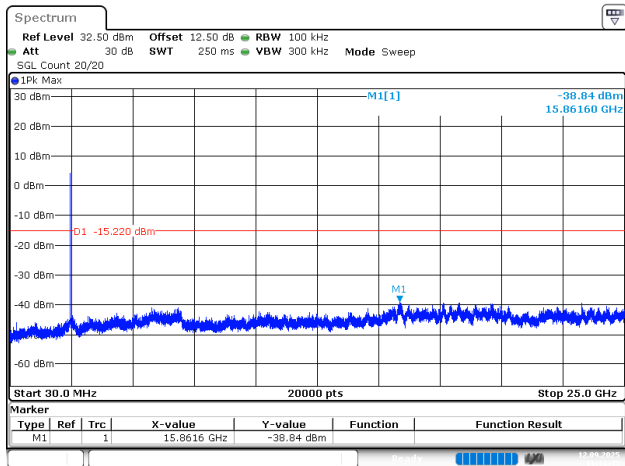
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:10:47

802.11n20_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:11:15

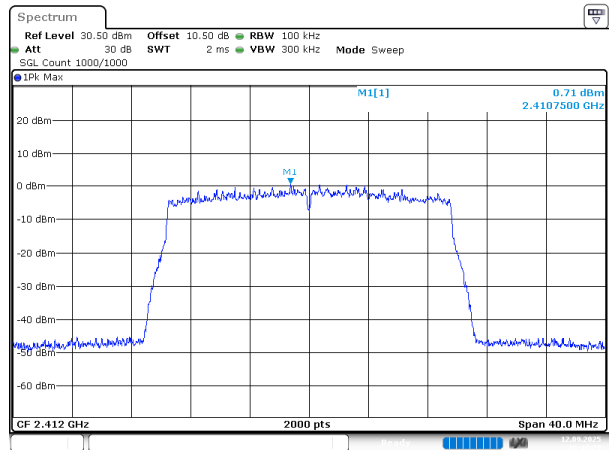
802.11n20_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:11:45

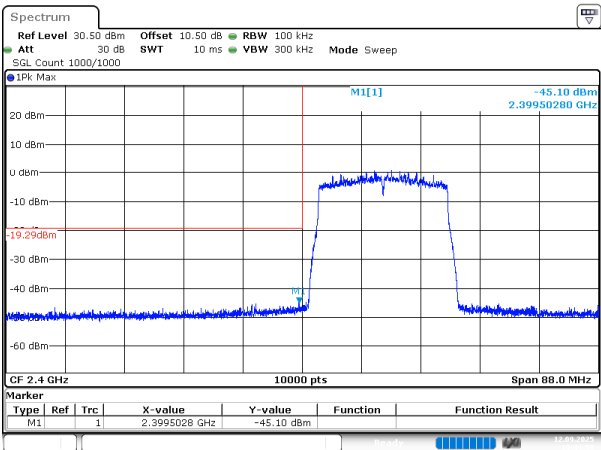
Chain 0

802.11ax20_2412MHz_Chain 0



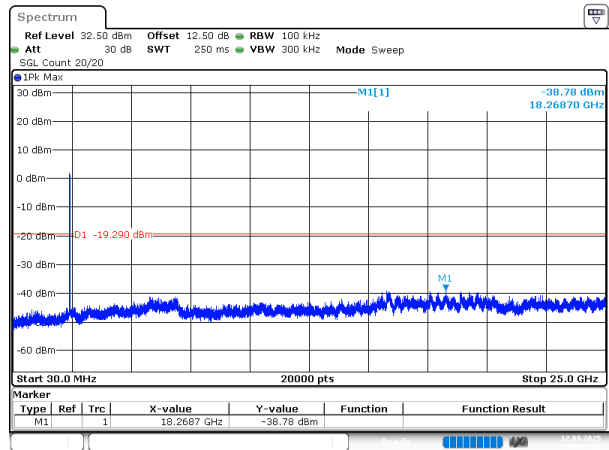
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:44:29

802.11ax20_2412MHz_Chain 0



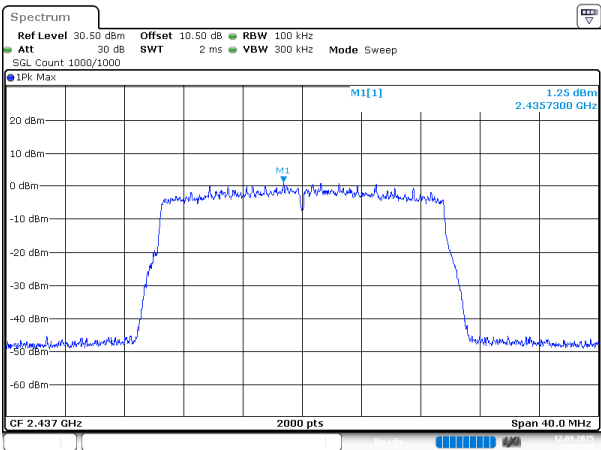
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:44:58

802.11ax20_2412MHz_Chain 0



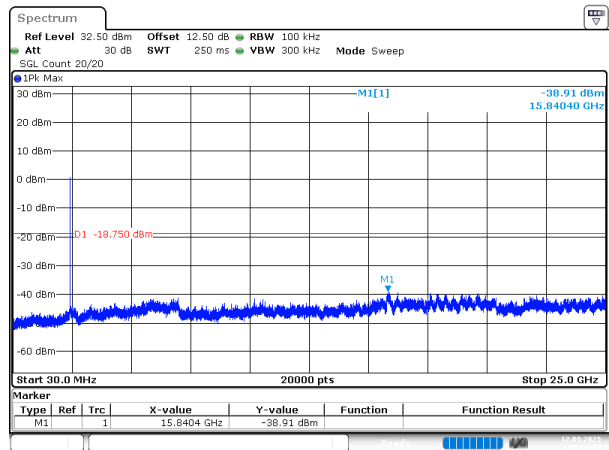
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:45:29

802.11ax20_2437MHz_Chain 0



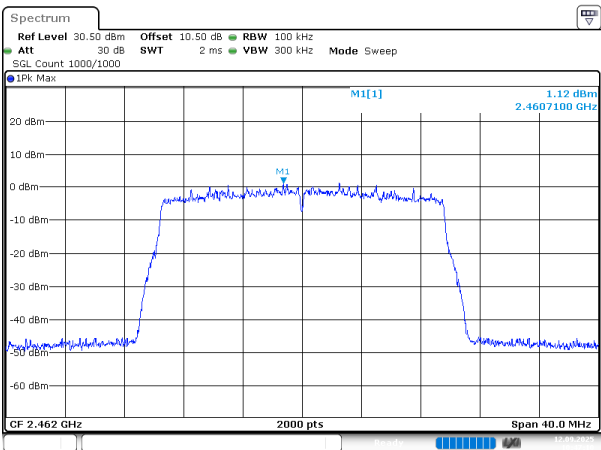
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:46:03

802.11ax20_2437MHz_Chain 0



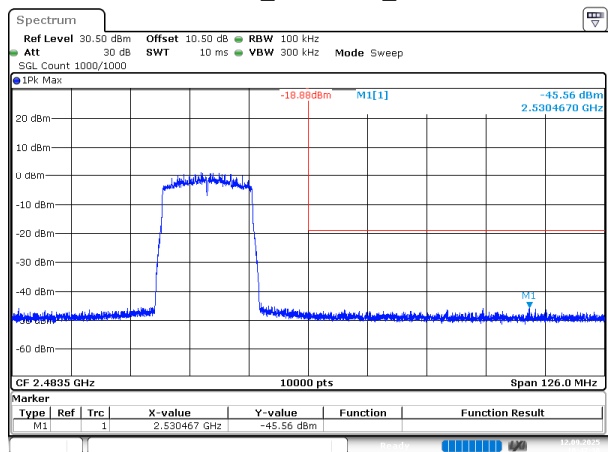
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:46:35

802.11ax20_2462MHz_Chain 0



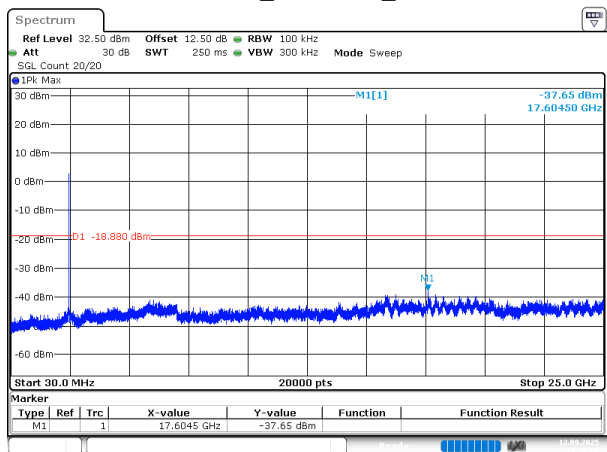
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:47:10

802.11ax20_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:47:39

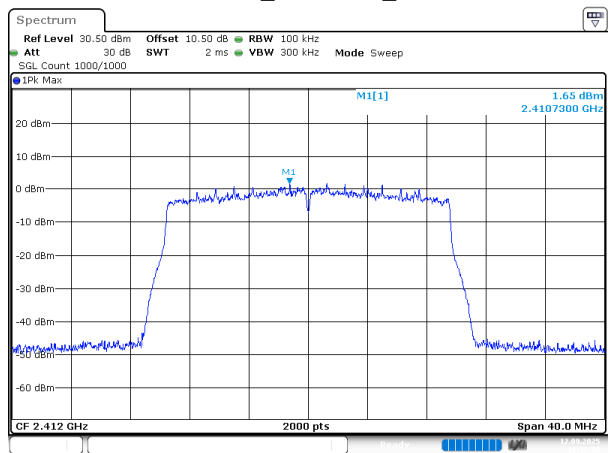
802.11ax20_2462MHz_Chain 0



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 10:48:08

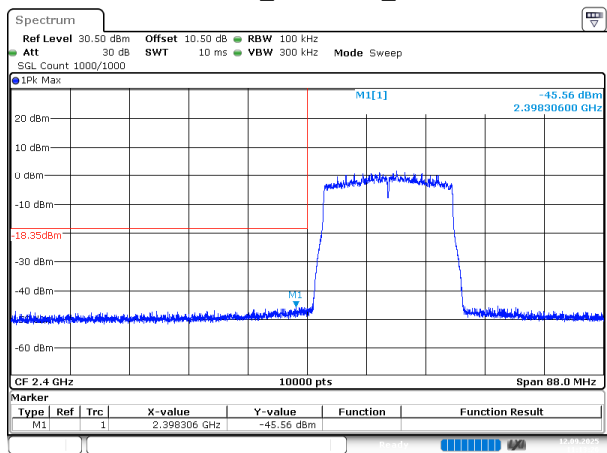
Chain 1

802.11ax20_2412MHz_Chain 1



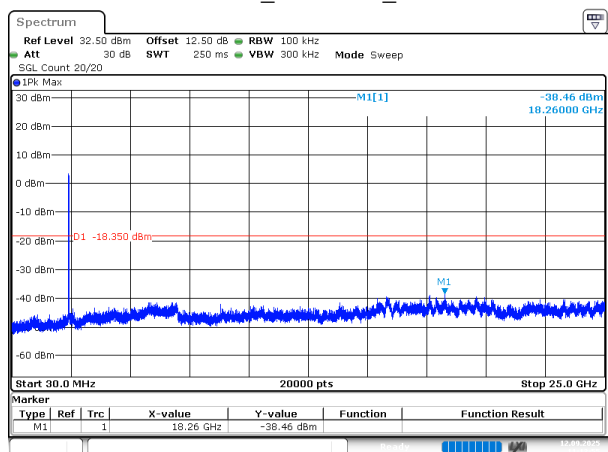
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:13:00

802.11ax20_2412MHz_Chain 1



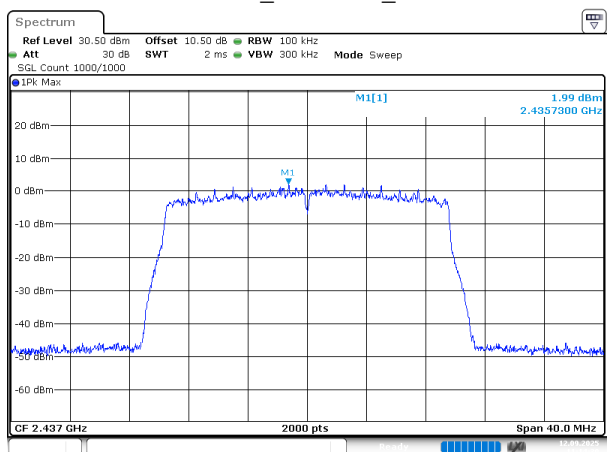
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:13:26

802.11ax20_2412MHz_Chain 1



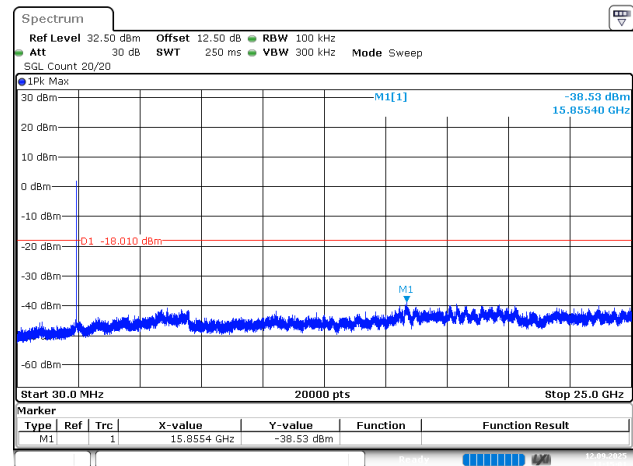
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:13:56

802.11ax20_2437MHz_Chain 1



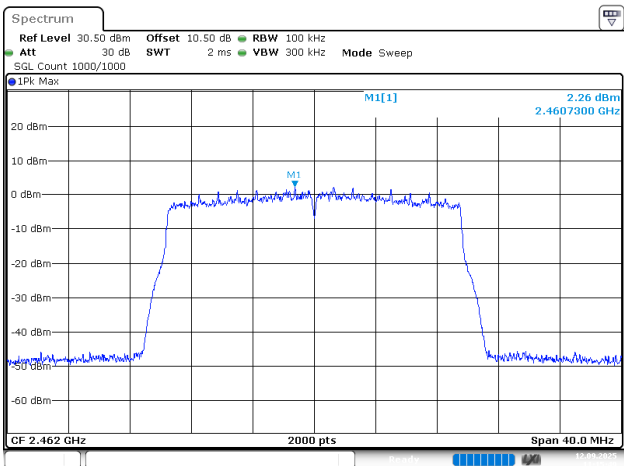
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:14:30

802.11ax20_2437MHz_Chain 1



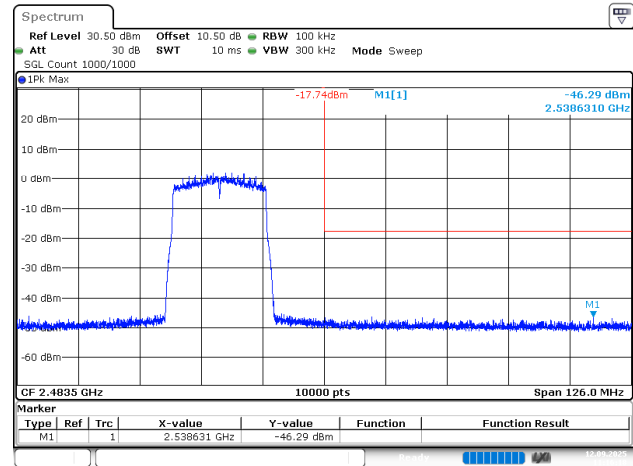
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:15:02

802.11ax20_2462MHz_Chain 1



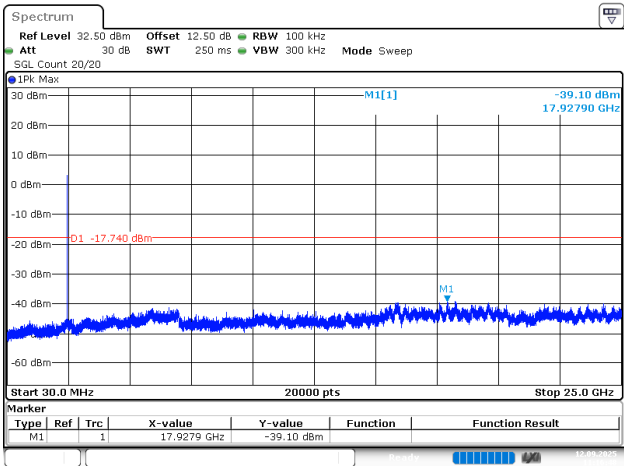
ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:15:49

802.11ax20_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:16:18

802.11ax20_2462MHz_Chain 1



ProjectNo.:2502T57876E-RF Tester:Conor Fu
Date: 12.SEP.2025 11:16:48

5.8 Duty Cycle

Test Information:

Serial No.:	32JF-1	Test Date:	2025/08/06~2025/08/15
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	26.4-27.1	Relative Humidity: (%)	48-55	ATM Pressure: (kPa)	99.8-100.9
----------------------	-----------	---------------------------	-------	------------------------	------------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06

* 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).

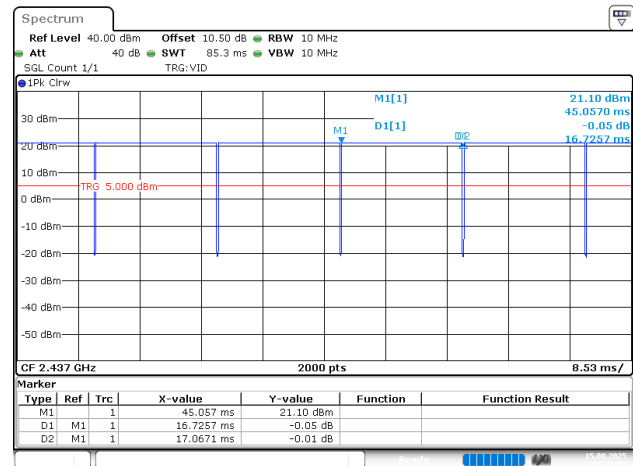
Test Data:

Note: Test only was performed at Chain 0.

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	16.726	17.067	98.00	/	0.010
802.11g	2437	2.782	2.867	97.04	359	0.500
802.11n20	2437	2.610	2.634	99.09	/	0.010
802.11ax20	2437	2.634	2.658	99.10	/	0.010

Duty Cycle = Ton/(Ton+Toff)*100%

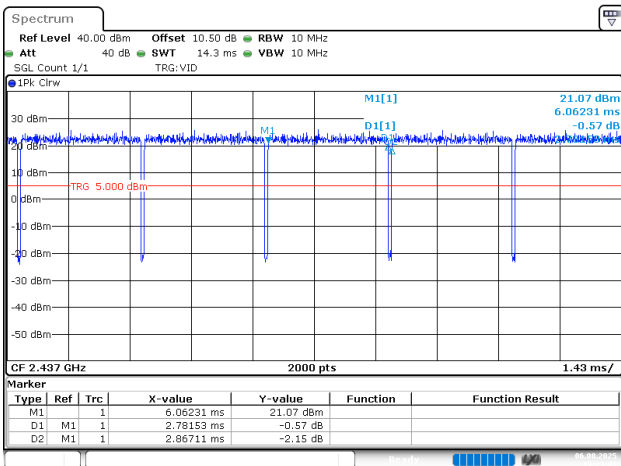
802.11b_2437MHz



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 15.AUG.2025 21:26:02

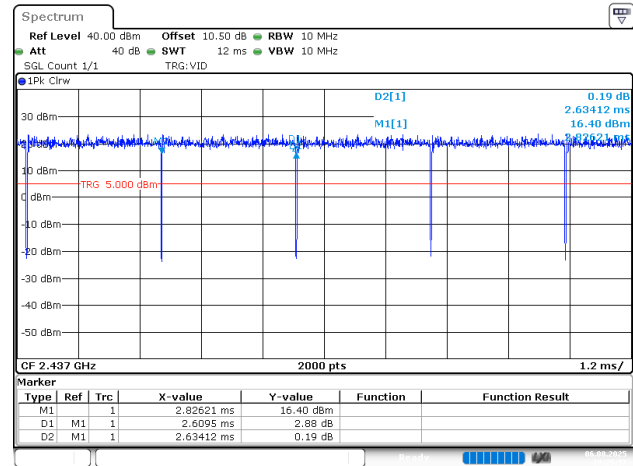
802.11g_2437MHz



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 6.AUG.2025 19:23:41

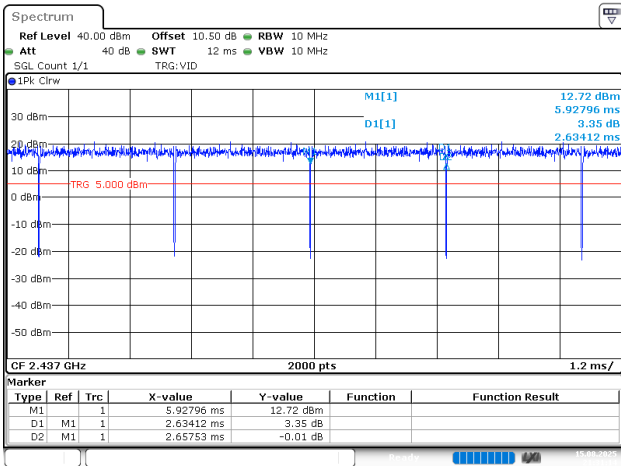
802.11n20_2437MHz



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 6.AUG.2025 19:25:58

802.11ax20_2437MHz



ProjectNo.:2502T57876E-RF Tester:Conor Fu

Date: 15.AUG.2025 21:31:15

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502T57876E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502T57876E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502T57876E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******