

TEST REPORT

Applicant: Fujian Newland Payment Technology Co.,Ltd.

Address: No. B602, Building #1, Haixia Jingmao Plaza, Fuzhou Bonded Area 350015, Fujian 350015 China

Product Name: POS Terminal

FCC ID: 2AM6U-NA750G

IC: 25226-N750

HVIN: ND_01_12_01_02, ND_01_13_01_01, ND_01_13_01_03,
ND_01_12_01_01

47 CFR Part 15, Subpart E(15.407)

RSS-247 Issue 4 July 24 2025

RSS-Gen, Issue 5, February 2021 Amendment 2

Standard(s): ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 +Errata to C63.10a-2024

KDB 789033 D02 General U-NII Test Procedures New Rules v02r01

Report Number: 2502Y81547E-RF-00D

Report Date: 2026/1/22

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

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2502Y81547E-RF-00D	Original Report	2026/1/22

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	POS Terminal
EUT Model:	N750
Operation Frequency:	5150-5250MHz: 5180-5240 MHz(802.11a/n ht20/ac vht20) 5190-5230 MHz(802.11n ht40/ac vht40) 5210 MHz(802.11ac vht80) 5250-5350MHz: 5260-5320 MHz (802.11a/n ht20/ac vht20) 5270-5310 MHz(802.11n ht40/ac vht40) 5290 MHz(802.11ac vht80) 5470-5725MHz: 5500-5700 MHz (802.11a/n ht20/ac vht20) 5510-5670 MHz(802.11n ht40/ac vht40) 5530-5610MHz(802.11ac vht80) 5725-5850MHz: 5745-5825 MHz (802.11a/n ht20/ac vht20) 5755-5795 MHz(802.11n ht40/ac vht40) 5775 MHz(802.11ac vht80)
Maximum Average Conducted Output Power ▲:	5150-5250MHz:15.37dBm
	5250-5350MHz: 15.74dBm
	5470-5725MHz: 16.03dBm
	5725-5850MHz: 16.17dBm
Maximum Average EIRP:	5150-5250MHz:12.08dBm
Modulation Type:	802.11a/n/ac: OFDM-BPSK, QPSK, 16QAM, 64QAM,256QAM
Rated Input Voltage:	3.8Vdc from battery or 5Vdc from adapter
Serial Number:	For AC line conducted emissions test: 3BFI-3(Configuration 3#) For Radiated Spurious Emissions test: 3BFI-1(Configuration 1#) For RF Conducted test: 3BFI-5(Configuration 1#)
EUT Received Date:	2025/10/16
EUT Received Status:	Good
Note: 1. Per 15B& ICES-003 Issue 7 report, Powered by Battery 2#+Adapter 3#+ Configuration 3# was the worst for AC line conducted emissions and Powered by Battery 1#+Adapter 3#+ Configuration 1# was the worst for Radiated Spurious Emissions, so only performed it. 2. For IC, 5600-5650 MHz are disabled by software.	

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter 1#	SHENZHEN HONOR ELECTRONIC CO.,LTD.	ADS-12B-06 05010E	Input: 100-240Vac 50/60Hz MAX 0.3A Output: 5.0Vdc 2.0A 10.0W
Adapter 2#	SHENZHEN HONOR ELECTRONIC CO.,LTD.	ADS-12EA-05 05010E	Input: 100-240Vac, 50/60Hz; Max 0.3A Output: 5.0Vdc 2.0A 10.0W
Adapter 3#	XIAMEN KELI ELECTRONICS CO.,LTD	KL-WD050200	Input: 100-240Vac 50/60Hz 0.5A Output: 5.0Vdc 2.0A 10.0W
Battery 1#	EVE ENERGY CO., LTD	NL3836A	3.8V 3600mAh
Battery 2#	GuangDong Fenghua New Energy Co.,Ltd.	NL3836A	3.8V 3600 mAh
Battery 3#	GuangDong Fenghua New Energy Co.,Ltd.	NL3853A	3.8V 5200 mAh

Optional Material:

Material Description	Manufacturer	Parameter
Battery 1#	EVE ENERGY CO., LTD	3.8V 3600mAh
Battery 2#	GuangDong Fenghua New Energy Co.,Ltd.	3.8V 3600 mAh
Battery 3#	GuangDong Fenghua New Energy Co.,Ltd.	3.8V 5200 mAh
LCD 1#	/	Model: CF1133
LCD 2#	/	Model: GT2863
LCD 3#	/	Model: incell
Rear camera 1#	/	Model: GC5035
Rear camera 2#	/	Model: GC05A2

EUT Information:

Configuration	HVIN
Configuration 1#	ND_01_12_01_02
Configuration 2#	ND_01_13_01_01
Configuration 3#	ND_01_13_01_03
Configuration 4#	ND_01_12_01_01

The following Configuration were select to test:

Configuration	Professional scanning module	External charging IC	LCD 1#	LCD 2#	LCD 3#	Rear camera 1#	Rear camera 2#
Configuration 1#	×	√	√	×	×	√	×
Configuration 2#	√	×	×	√	×	×	√
Configuration 3#	√	×	×	×	√	×	√
Configuration 4#	×	×	√	×	×	×	√

1.3 Antenna Information Detail ▲

Antenna Type	input impedance (Ohm)	Frequency Range	Antenna Gain
PIFA	50	5150~5250MHz	-3.29dBi
		5250-5350 MHz	-1.67dBi
		5470-5725MHz	0.29dBi
		5725~5850MHz	-0.1dBi

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	Result
§15.207(a) RSS-Gen Clause 8.8	AC line conducted emissions	Compliant	/
FCC§15.205& §15.209 &§15.407(b) RSS-247 Clause 7.3	Undesirable Emission& Restricted Bands	Compliant	/
RSS-247 Clause 7.3.1.3	26dB attenuated below the channel power	Compliant	/
FCC§15.407(a) (e) RSS-247 Clause 7.3 RSS-Gen Clause 6.7	Emission Bandwidth	Compliant*	The test result please refer to report SEWA2205000012RG05 [▲] page31-102 for FCC and SEWA2205000012RG12 [▲] page32-101 for IC
FCC§15.407(a) RSS-247 Clause 7.3	Maximum Conducted Output Power	Reporting*	The test result please refer to report SUCR250600057105 [▲] Page26-27 for FCC and SUCR250600057112 [▲] Page26-27 for IC
FCC§15.407 (a) RSS-247 Clause 7.3	Power Spectral Density	Compliant*	The test result please refer to report SEWA2205000012RG05 [▲] Page105-136 for FCC and SEWA2205000012RG12 [▲] Page104-134 for IC
§15.203 RSS-Gen Clause 6.8	Antenna Requirement	Compliant	/
RSS-247 Clause 7.3.7	Additional requirements	Compliant	/
FCC §1.1310&§2.1091& §15.407 (f)	Maximum Permissible Exposure (MPE)	Compliant	/
RSS-102 Clause 6.6	Exemption Limits For Routine Evaluation-RF Exposure Evaluation	Compliant	/
FCC§15.407 RSS-247 Clause 7.3.6	Dynamic Frequency Selection(DFS)	Compliant**	The test result please refer to report KSCR220500066001 [▲] page19-26 for FCC and IC

Note 1:

Compliant*: The device built in a certified module, model: SC200E-NA, LPDDR4X Hardware Version: R1.0, FCC ID:XMR2022SC200ENA[▲], IC: 10224A-022SC200ENA[▲], per spot check, the RF parameters are identical with the CIIPC module, FCC report: SUCR250600057105[▲], IC report: SUCR250600057112[▲], which was issued by SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. on 2025/07/21 for FCC and 2025/07/22 for IC, the CIIPC module based on the original module, therefore, the RF conducted test items please refer to the original module report, FCC report: SEWA2205000012RG05[▲], IC report: SEWA2205000012RG12[▲], which was issued by SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. on 2022/06/08 for FCC and 2022/06/17 for IC. (according to KDB 996369 D02 Module Q&A v02r02, Answer 1 b))

Reporting*: The device built in a certified module, model: SC200E-NA, LPDDR4X Hardware Version: R1.0, FCC ID:XMR2022SC200ENA[▲], IC: 10224A-022SC200ENA[▲], per spot check, the RF parameters are identical with the CIIPC module, FCC report: SUCR250600057105[▲], IC report: SUCR250600057112[▲], which was issued by SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. on 2025/07/21 for FCC and 2025/07/22 for IC. (according to KDB 996369 D02 Module Q&A v02r02, Answer 1 b))

Compliant**: The device built in a certified module, model: SC200E-NA, LPDDR4X Hardware Version: R1.0, FCC ID:XMR2022SC200ENA[▲], IC: 10224A-022SC200ENA[▲], per spot check, the RF parameters are identical with the CIIPC module, the CIIPC module based on the original module, therefore, the RF conducted test items please refer to the original module report, FCC&IC report: KSCR220500066001[▲], which was issued by Compliance Certification Services (Kunshan) Inc. on 2022/05/19. (according to KDB 996369 D02 Module Q&A v02r02, Answer 1 b))

The Bay Area Compliance Laboratories Corp.(Dongguan) is responsible for all the information provided in this report, except when information is provided by the customer as identified in this report.

3 DESCRIPTION OF TEST CONFIGURATION

3.1 Operation Frequency Detail

For 802.11a/n ht20/ac vht20:

5150-5250MHz Band		5250-5350 MHz Band		5470-5725 MHz Band		5725-5850MHz Band	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	52	5260	100	5500	149	5745
40	5200	56	5280	104	5520	153	5765
44	5220	60	5300	108	5540	157	5785
48	5240	64	5320	112	5560	161	5805
/	/	/	/	116	5580	165	5825
/	/	/	/	120**	5600	/	/
/	/	/	/	124**	5620	/	/
/	/	/	/	128**	5640	/	/
/	/	/	/	132	5660	/	/
/	/	/	/	136	5680	/	/
/	/	/	/	140	5700	/	/

For 802.11n ht40/ac vht40:

5150-5250MHz Band		5250-5350 MHz Band		5470-5725 MHz Band		5725-5850MHz Band	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	54	5270	102	5510	151	5755
46	5230	62	5310	110	5550	159	5795
/	/	/	/	118**	5590	/	/
/	/	/	/	126**	5630	/	/
/	/	/	/	128	5670	/	/

For 802.11ac vht80:

5150-5250MHz Band		5250-5350 MHz Band		5470-5725 MHz Band		5725-5850MHz Band	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	58	5290	106	5530	155	5775
/	/	/	/	122**	5610	/	/

Note:

** : For IC, those channels in 5600-5650 MHz are disabled by software.

The above frequencies in bold were performed the test.

3.2 EUT Operation Condition

The system was configured for testing in Engineering Mode, which was provided by the manufacturer.

EUT Exercise Software:		QRCT3		
The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer ▲:				
5150-5250 MHz Band:				
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
802.11a	Lowest	5180	6Mbps	16
	Middle	5220	6Mbps	16
	Highest	5240	6Mbps	16
802.11n ht20	Lowest	5180	MCS0	16
	Middle	5220	MCS0	16
	Highest	5240	MCS0	16
802.11n ht40	Lowest	5190	MCS0	13
	Highest	5230	MCS0	14
802.11ac vht20	Lowest	5180	MCS0	17
	Middle	5220	MCS0	17
	Highest	5240	MCS0	17
802.11ac vht40	Lowest	5190	MCS0	14
	Highest	5230	MCS0	17
802.11ac vht80	Middle	5210	MCS0	15
5250-5350 MHz Band:				
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
802.11a	Lowest	5260	6Mbps	16
	Middle	5300	6Mbps	17
	Highest	5320	6Mbps	17
802.11n ht20	Lowest	5260	MCS0	17
	Middle	5300	MCS0	17
	Highest	5320	MCS0	17
802.11n ht40	Lowest	5270	MCS0	17
	Highest	5310	MCS0	17
802.11ac vht20	Lowest	5260	MCS0	17
	Middle	5300	MCS0	17
	Highest	5320	MCS0	17
802.11ac vht40	Lowest	5270	MCS0	17
	Highest	5310	MCS0	17
802.11ac vht80	Middle	5290	MCS0	15

5470-5725 MHz Band:

Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
802.11a	Lowest	5500	6Mbps	17
	Middle	5580	6Mbps	16
	Highest	5700	6Mbps	17
802.11n ht20	Lowest	5500	MCS0	17
	Middle	5580	MCS0	16
	Highest	5700	MCS0	16
802.11n ht40	Lowest	5510	MCS0	17
	Middle	5550	MCS0	16
	Highest	5670	MCS0	17
802.11ac vht20	Lowest	5500	MCS0	17
	Middle	5580	MCS0	17
	Highest	5700	MCS0	17
802.11ac vht40	Lowest	5510	MCS0	17
	Middle	5550	MCS0	17
	Highest	5670	MCS0	18
802.11ac vht80	Lowest	5530	MCS0	16
	Highest	5610	MCS0	16

5725-5850 MHz Band:

Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
802.11a	Lowest	5745	6Mbps	16
	Middle	5785	6Mbps	16
	Highest	5825	6Mbps	15
802.11n ht20	Lowest	5745	MCS0	17
	Middle	5785	MCS0	16
	Highest	5825	MCS0	15
802.11n ht40	Lowest	5755	MCS0	16
	Highest	5795	MCS0	16
802.11ac vht20	Lowest	5745	MCS0	17
	Middle	5785	MCS0	17
	Highest	5825	MCS0	15
802.11ac vht40	Lowest	5755	MCS0	17
	Highest	5795	MCS0	18
802.11ac vht80	Middle	5775	MCS0	16

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.

3.3 Support Equipment List and Details

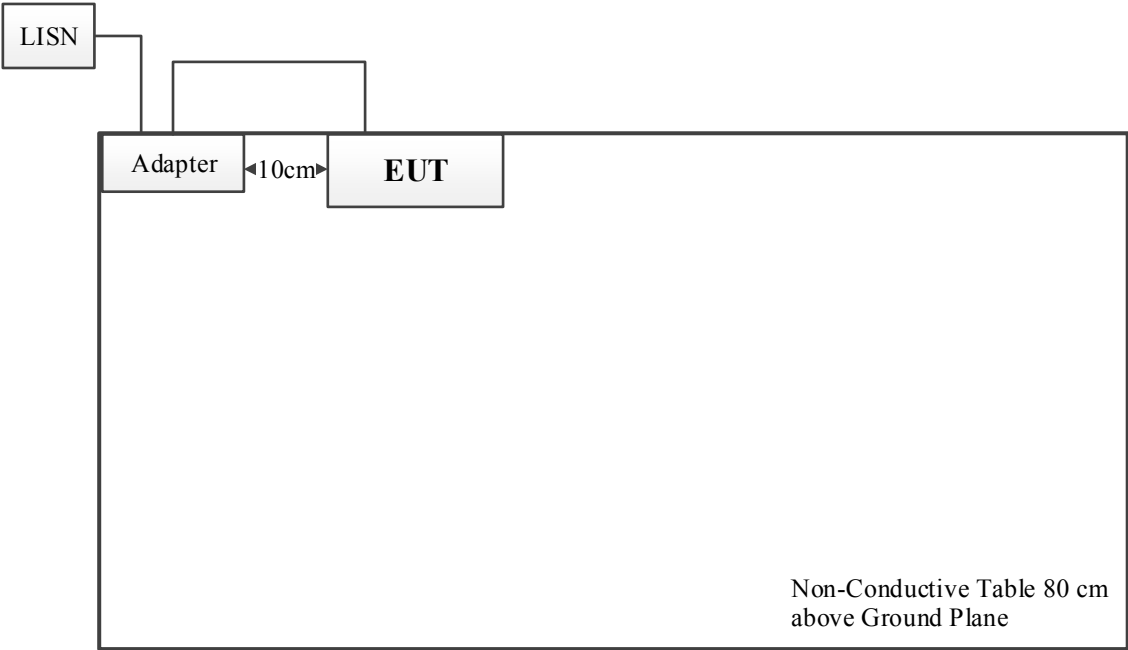
Manufacturer	Description	Model	Serial Number
/	/	/	/

3.4 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	NO	NO	1.2	Adapter	EUT

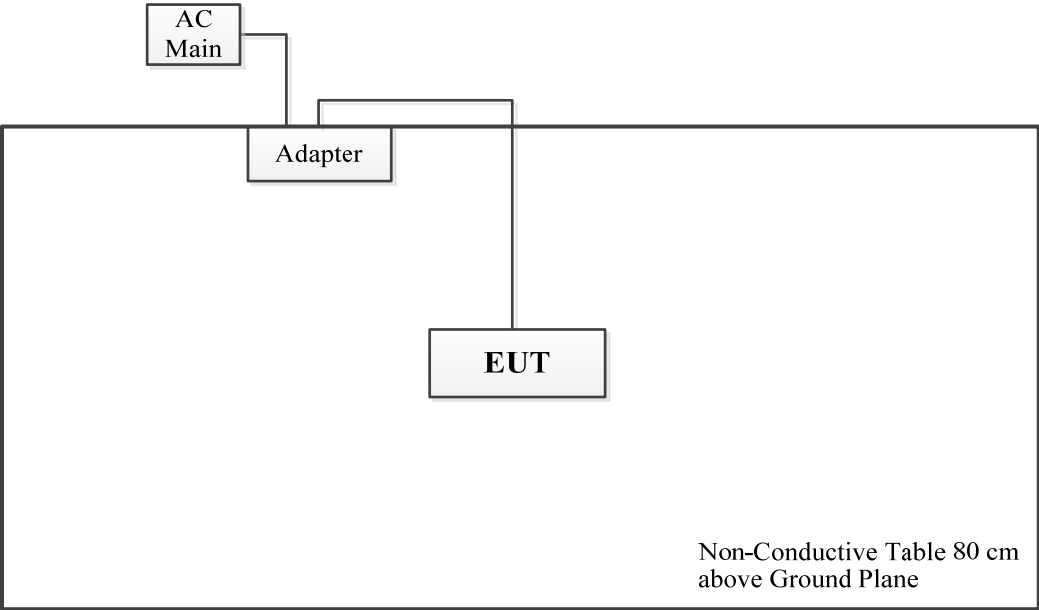
3.5 Block Diagram of Test Setup

AC Power Lines Conducted Emission:

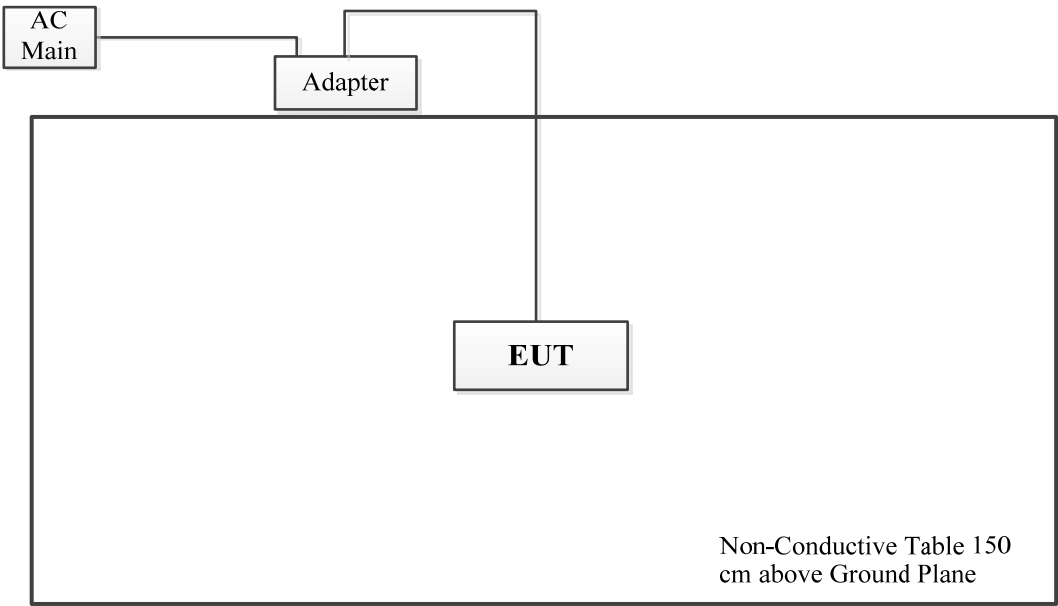


Radiated Spurious Emissions:

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.

RSS-Gen Clause 8.8

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

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

Table 4 – AC power-line conducted emissions limits

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

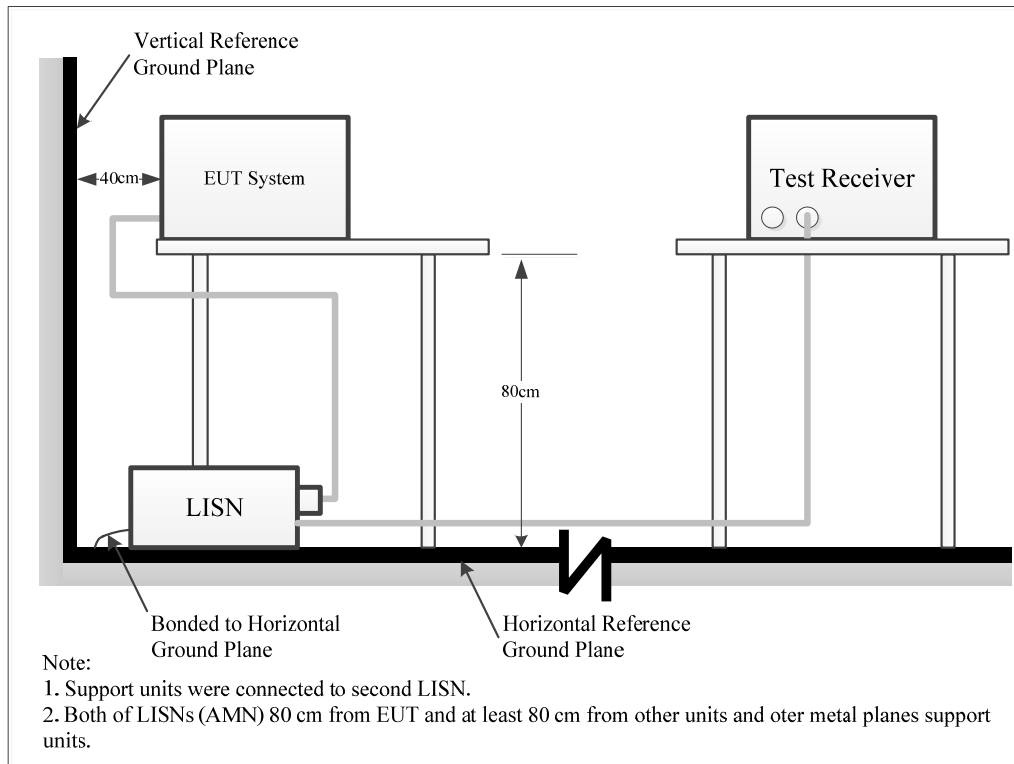
Note 1: The level decreases linearly with the logarithm of the frequency.

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

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

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

4.1.2 EUT Setup



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

The spacing between the peripherals was 10 cm.

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 30 MHz.

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

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

4.1.4 Test Procedure

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

4.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

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

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

Margin = Limit – Result

4.1.6 Test Result

Please refer to section 5.1.

4.2 Radiation Spurious Emissions

4.2.1 Applicable Standard

FCC §15.407 (b);

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
- (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
- (ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.
- (8) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
- (9) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in § 15.207.
- (10) The provisions of § 15.205 apply to intentional radiators operating under this section.
- (11) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.
- (c) The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

Frequency band 5150-5250 MHz:

RSS-247 Clause 7.3.1.3

For transmitters with operating frequencies in the band 5150-5250 MHz:

- a. all emissions outside the 5150-5350 MHz band shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density;
- b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.
- c. if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing DFS (see section 7.3.6) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

Frequency band 5250-5350 MHz:

RSS-247 Clause 7.3.2.3

Devices shall comply with the following:

- a. all emissions outside the band 5150-5350 MHz shall not exceed -27dBm/MHz peak e.i.r.p spectral density.
- b. all emissions inside the band 5150-5250 MHz shall either:
 - i. not exceed -27 dBm/MHz peak e.i.r.p spectral density, or
 - ii. comply with the power spectral density for operation in section 7.3.1.2.

Frequency bands 5470-5725 MHz:

RSS-247 Clause 7.3.3.3

Equipment operating in the bands 5470-5725 MHz shall comply with the following unwanted emission limits:

- a. for devices with fundamental emissions fully contained within the 5470-5725 MHz band, all unwanted emissions outside the band 5470-5725MHz shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density.
- b. for devices with bandwidth overlapping the band edge of 5725 MHz, all unwanted emissions shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density at 5850 MHz instead of 5725 MHz.

Frequency band 5725-5850 MHz

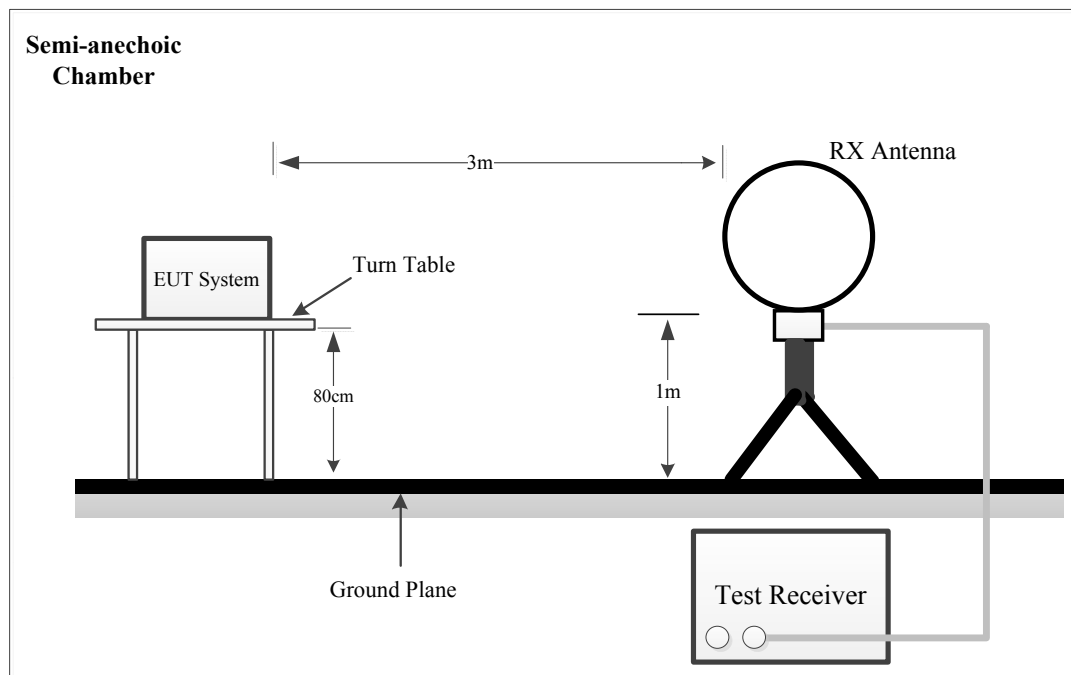
RSS-247 Clause 7.3.4.3

Equipment operating in the band 5725-5850 MHz shall comply with the following peak e.i.r.p. spectral density limits:

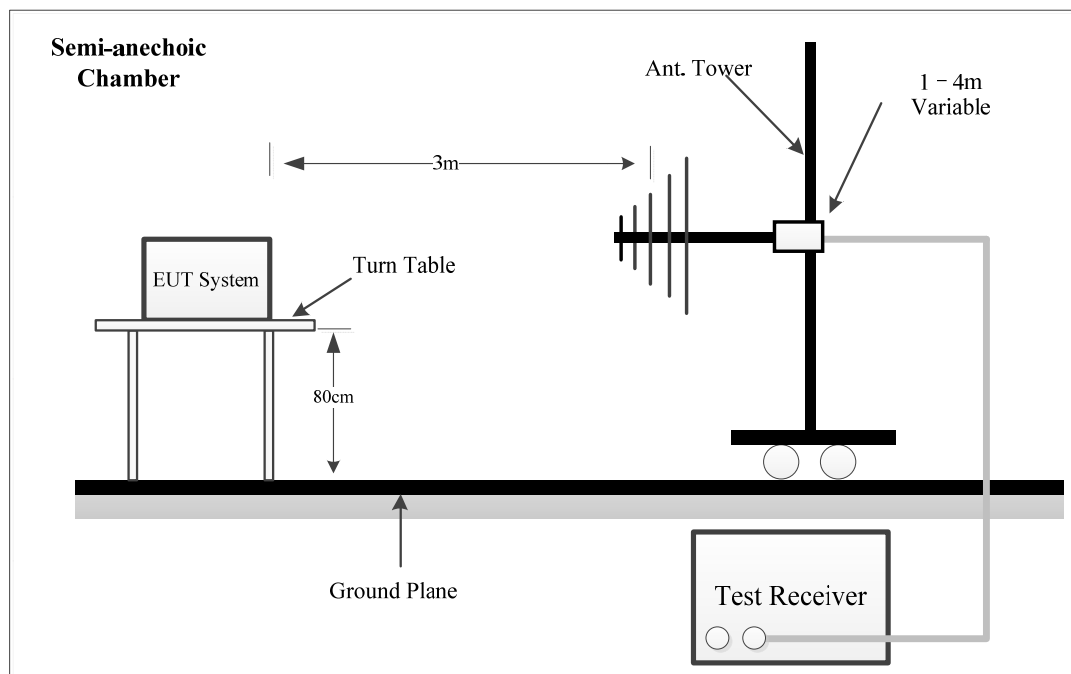
- a. 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- b. 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c. 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d. -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

4.2.2 EUT Setup

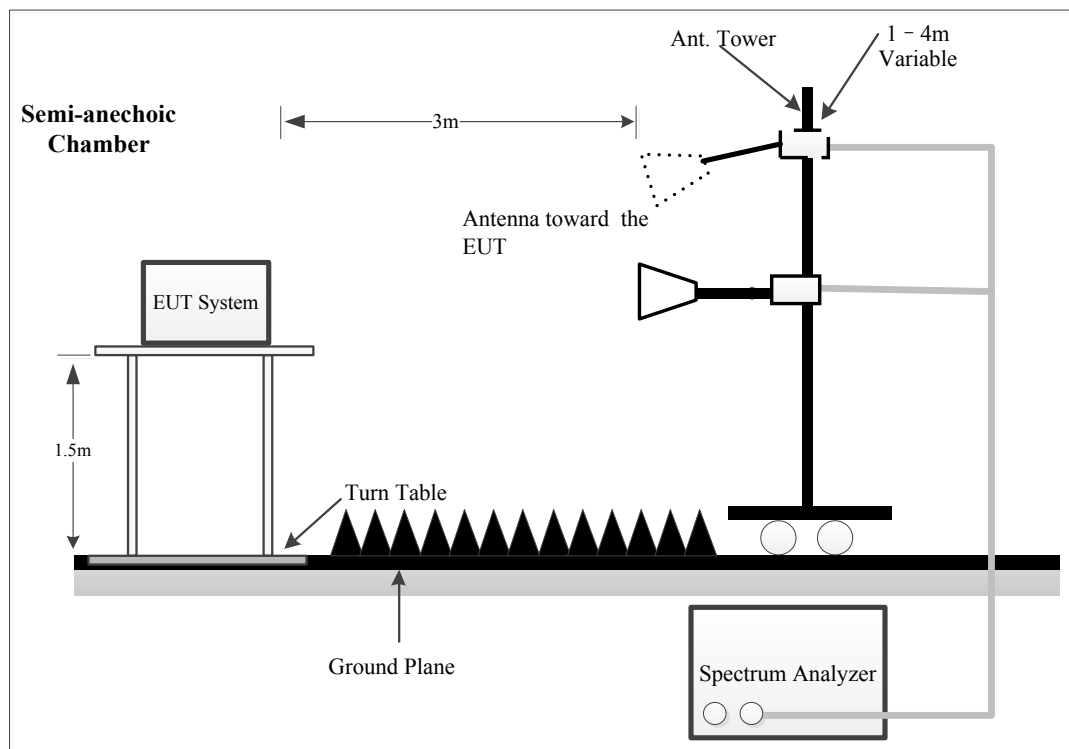
9kHz~30MHz:



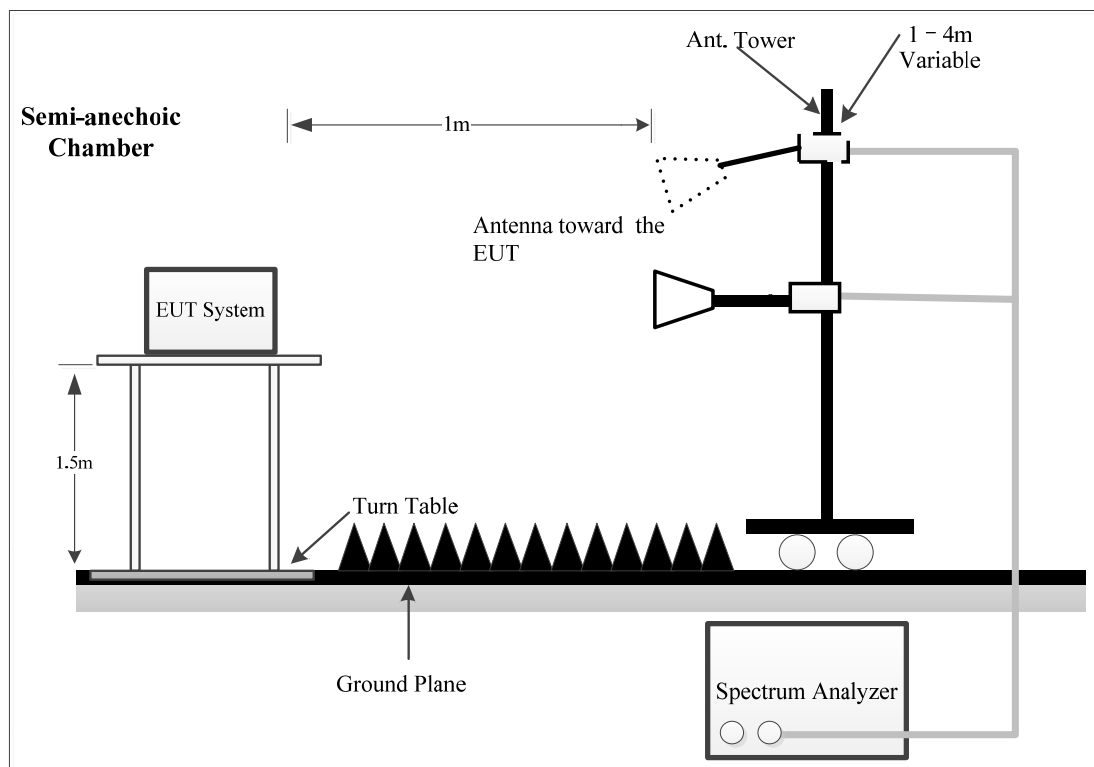
30MHz~1GHz:



1-18GHz:



18-40GHz:



The radiated emission tests were performed in the semi-anechoic chamber, using the setup accordance with the ANSI C63.10-2020. The specification used was FCC 15.209, FCC 15.407, RSS-247, RSS-Gen limits.

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

4.2.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

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

9kHz-1000MHz:

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

1GHz- 40GHz:

Pre-scan:

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

Final measurement for emission identified during the pre-scan:

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

Note: T is minimum transmission duration

4.2.4 Test Procedure

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.

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

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

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

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 $\mu V/m$

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

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

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

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

Factor = Antenna Factor + Cable Loss - Amplifier Gain

For Radiated 18-40GHz 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

For the spurious emission below 30MHz, the limit was convert from dBμA/m to dBμV/m by adding 51.5 dB.

4.2.6 Test Result

Please refer to section 5.2.

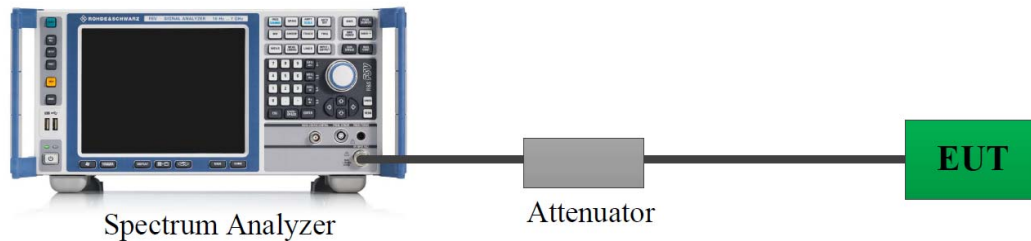
4.3 26dB Attenuated Below The Channel Power

4.3.1 Applicable Standard

RSS-247 Clause 7.3.1.3

b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.

4.3.2 EUT Setup



4.3.3 Test Procedure

- Set RBW = 1%~5% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = RMS.
- Trace mode = max hold
- Measure the emission attenuated below the channel power

4.3.4 Test Result

Please refer to section 5.3.

4.4 Maximum Conducted Output Power

4.4.1 Applicable Standard

FCC §15.407(a) (1)(iv)

For client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a) (2)

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a) (3)(i)

For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Frequency band 5150-5250 MHz:

RSS-247 Clause 7.3.1.2

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

a. 30 mW; or

b. $1.76 + 10 \log_{10} B$, dBm.

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For all other devices the maximum e.i.r.p. spectral density shall not exceed 10 dBm/MHz. The maximum e.i.r.p. shall not exceed the lesser of:

a. 200 mW; or

b. $10 + 10 \log_{10} B$, dBm.

Frequency band 5250-5350 MHz:

RSS-247 Clause 7.3.2.2

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

a. 30 mW; or

b. $1.76 + 10 \log_{10} B$, dBm.

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

All other devices shall comply with the following:

a. the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of:

- i. 250 mW; or
- ii. $11 + 10 \log_{10} B$, dBm.

b. the maximum e.i.r.p. shall not exceed the lesser of:

- i. 1.0 W; or
- ii. $17 + 10 \log_{10} B$, dBm.

c. Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Frequency band 5470-5725 MHz:

RSS-247 Clause 7.3.3.2

Equipment operating in the band 5470-5725 MHz band shall comply with the following power limits:

a. the maximum conducted output power shall not exceed the lesser of:

- i. 250 mW; or
- ii. $11 + 10 \log_{10} B$, dBm.

b. the maximum power spectral density shall not exceed 11 dBm/MHz.

c. the maximum e.i.r.p. shall not exceed the lesser of:

- i. 1.0 W; or
- ii. $17 + 10 \log_{10} B$, dBm.

d. equipment with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Frequency band 5725-5850 MHz:

RSS-247 Clause 7.3.4.3

Equipment operating in the band 5725-5850 shall comply with the following power limits:

a. the maximum conducted output power shall not exceed 1 W; and

b. the maximum output power spectral density shall not exceed 30dBm/500 kHz.

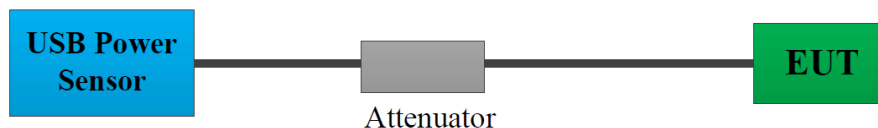
When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

However, FFTP devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter maximum conducted output power

and the power spectral density. FFTP operations exclude the use of PTMP systems, omnidirectional applications and multiple collocated transmitters transmitting the same information. However, remote stations of PTMP systems shall be permitted to operate at e.i.r.p. greater than 4 W under the same conditions as for FFTP systems.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

4.4.2 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

4.4.3 Test Procedure

According to ANSI C63.10-2020 Section 12.4.3.2

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

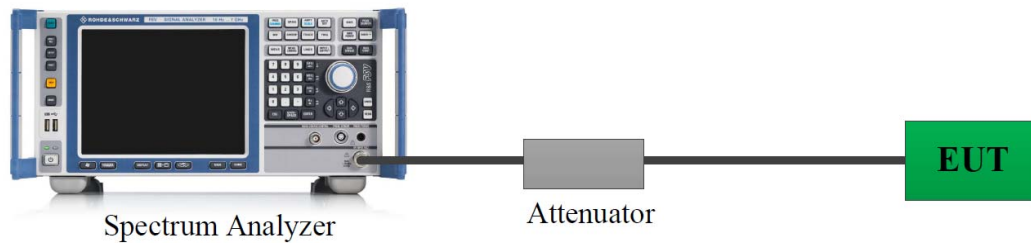
Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty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

4.4.4 Test Result

Please refer to section 5.4.

4.5 Duty Cycle

4.5.1 EUT Setup



4.5.2 Test Procedure

According to ANSI C63.10-2020 Section 12.2

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

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

4.5.3 Judgment

Report Only. Please refer to section 5.5.

4.6 Antenna Requirement

4.6.1 Applicable Standard

FCC §15.203

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

RSS-Gen Clause 6.8

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

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer. The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested.

For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

4.6.2 Judgment

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

4.7 Additional requirement

4.7.1 Applicable Standard

According to RSS-247 Clause 7.3.7 Additional Requirements

The following requirements shall apply:

- a** the device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. A description on how this is done shall accompany the application for equipment certification. Note that this is not intended to prohibit transmission of control or signalling information or the use of repetitive codes where required by the technology.
- b** all LE-LAN devices must contain security features to protect against modification of software by unauthorized parties.

Manufacturers must implement security features in any digitally modulated devices capable of operating in any of the frequency ranges within the 5 GHz band, so that third parties are not able to reprogram the device to operate outside the parameters for which the device was certified. The software must prevent the user from operating the transmitter with operating frequencies, output power, modulation types or other radio frequency parameters outside those that were approved for the device. Manufacturers may use various means, including the use of a private network that allows only authenticated users to download software, electronic signatures in software or coding in hardware that is decoded by software to verify that new software can be legally loaded into a device to meet these requirements and must describe the methods in their application for equipment certification.

Manufacturers must take steps to ensure that DFS functionality cannot be disabled by the operator of the LE-LAN device.

- c** the user manual for LE-LAN devices shall contain instructions related to the restrictions mentioned in the above sections, namely that:
 - i.** any devices capable of operating in the band 5150–5250 MHz shall only be used indoors to reduce the potential for harmful interference to co-channel mobile satellite systems (this requirement does not apply to OEM devices installed in vehicles by vehicle manufacturers);
 - ii.** for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
 - iii.** for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
 - iv.** where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 7.3.2.4 or 7.3.5.3 shall be clearly indicated.

4.7.2 Judgment

RSS-247 Clause 7.3.7 a:

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

RSS-247 Clause 7.3.7 b:

The devices must contain security features to protect against modification of software by unauthorized parties. Please refer to the declaration

RSS-247 Clause 7.3.7 c:

- i. The device operates on 5150-5250MHz is only for indoor use.
- ii. This device is equipped with a built-in integrated antenna, and operates on 5250-5350MHz/5470-5725MHz/5725-5850 MHz meet the EIRP limit, please refer to the power test result.
- iii. This device is equipped with a built-in integrated antenna, and all the EIPR compliance with RSS-247 requirement. Please refer to the conducted output power test result.
- iv. The device EIRP less than 200mW (23 dBm) for 5250-5350MHz.

5. Test DATA AND RESULTS

5.1 AC Line Conducted Emissions

Serial Number:	3BFI-3	Test Date:	2025/11/04
Test Site:	CE	Test Mode:	Transmitting
Tester:	Yolo Fan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.3	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101.8
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Test Equipment List and Details:

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

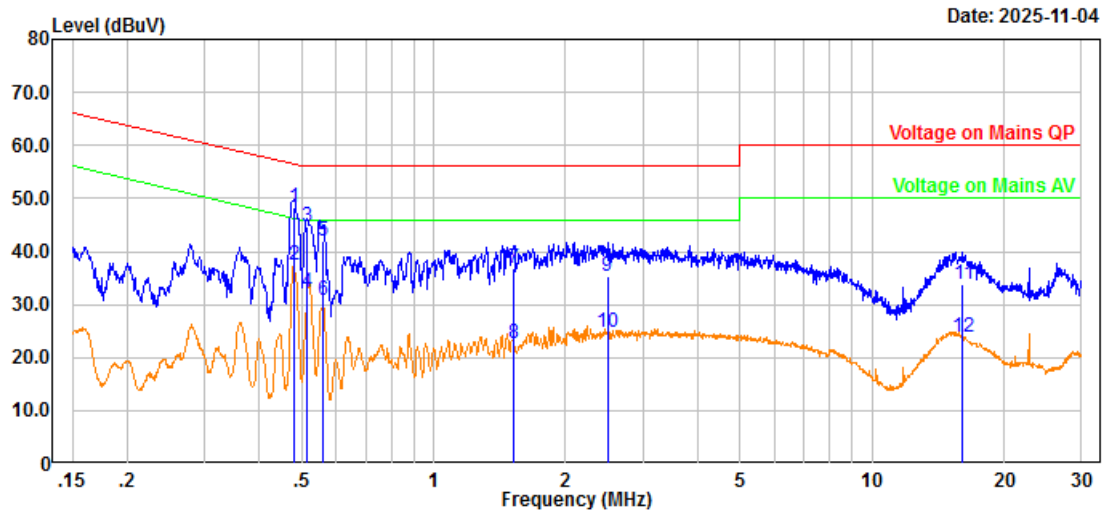
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Note: 802.11ac40 5755MHz was tested.

Project No.: 2502Y81547E-RF
Port: Line
Test Mode: Transmitting
IF B/W 9kHz PK/AV

Serial No.: 38FI-3
Tester: Yolo Fan
Note: 5G WIFI

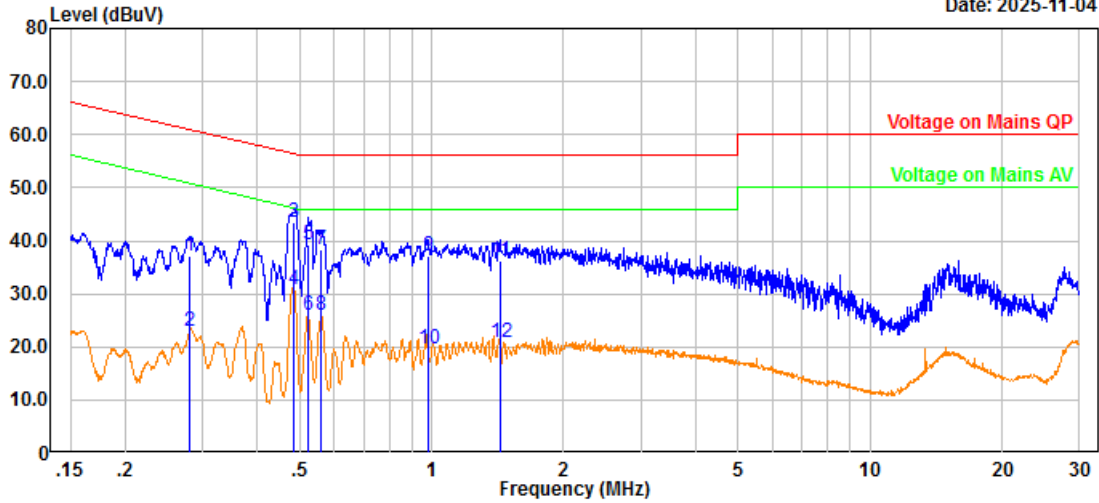


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.480	37.79	10.62	48.41	56.33	7.92	QP
2	0.480	26.69	10.62	37.31	46.33	9.02	Average
3	0.515	33.96	10.60	44.56	56.00	11.44	QP
4	0.515	21.72	10.60	32.32	46.00	13.68	Average
5	0.559	31.53	10.55	42.08	56.00	13.92	QP
6	0.559	20.29	10.55	30.84	46.00	15.16	Average
7	1.522	25.85	11.07	36.92	56.00	19.08	QP
8	1.522	11.71	11.07	22.78	46.00	23.22	Average
9	2.490	24.27	11.16	35.43	56.00	20.57	QP
10	2.490	13.53	11.16	24.69	46.00	21.31	Average
11	16.092	22.68	11.14	33.82	60.00	26.18	QP
12	16.092	12.77	11.14	23.91	50.00	26.09	Average

Project No.: 2502Y81547E-RF
 Port: neutral
 Test Mode: Transmitting
 IF B/W 9kHz PK/AV

Serial No.: 38FI-3
 Tester: Yolo Fan
 Note: 5G WIFI

Date: 2025-11-04



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.282	26.34	10.79	37.13	60.77	23.64	QP
2	0.282	12.22	10.79	23.01	50.77	27.76	Average
3	0.486	32.97	10.53	43.50	56.23	12.73	QP
4	0.486	20.24	10.53	30.77	46.23	15.46	Average
5	0.522	28.62	10.50	39.12	56.00	16.88	QP
6	0.522	15.41	10.50	25.91	46.00	20.09	Average
7	0.560	27.98	10.48	38.46	56.00	17.54	QP
8	0.560	15.44	10.48	25.92	46.00	20.08	Average
9	0.980	26.19	10.88	37.07	56.00	18.93	QP
10	0.980	8.86	10.88	19.74	46.00	26.26	Average
11	1.431	25.23	11.04	36.27	56.00	19.73	QP
12	1.431	9.85	11.04	20.89	46.00	25.11	Average

5.2 Radiation Spurious Emissions

Serial Number:	3BFI-1	Test Date:	2025/10/31
Test Site:	Chamber10m	Test Mode:	Transmitting
Tester:	Zoo Zou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.7	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101.6
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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	A060611-1	2023/9/6	2026/9/5
Narda	Coaxial Attenuator	779-6dB	04269	2023/9/6	2026/9/5
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-04	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0530-01	2025/7/1	2026/6/30
Sonoma	Amplifier	310N	185914	2025/8/25	2026/8/24
R&S	EMI Test Receiver	ESR3	102453	2025/6/25	2026/6/24
Audix	Test Software	E3	191218 V9	N/A	N/A

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

Test Data:

Please refer to the below plots.

After pre-scan in the X, Y and Z axes of orientation, the worst case is refer to plots.

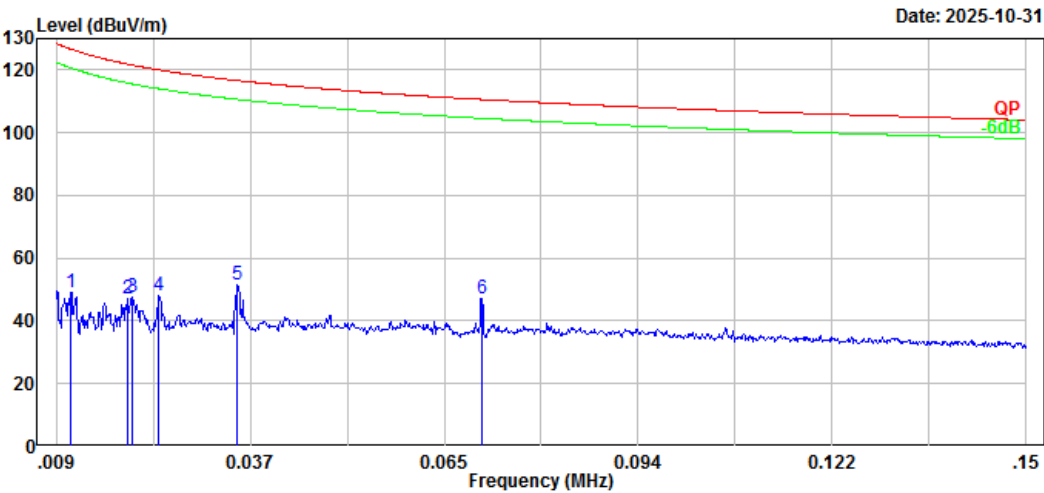
Note: 802.11ac40 5755MHz was tested.

1) 9kHz~30MHz

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

Project No.: 2502Y81547E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: 5G Wifi
RBW:200Hz VBW:1kHz

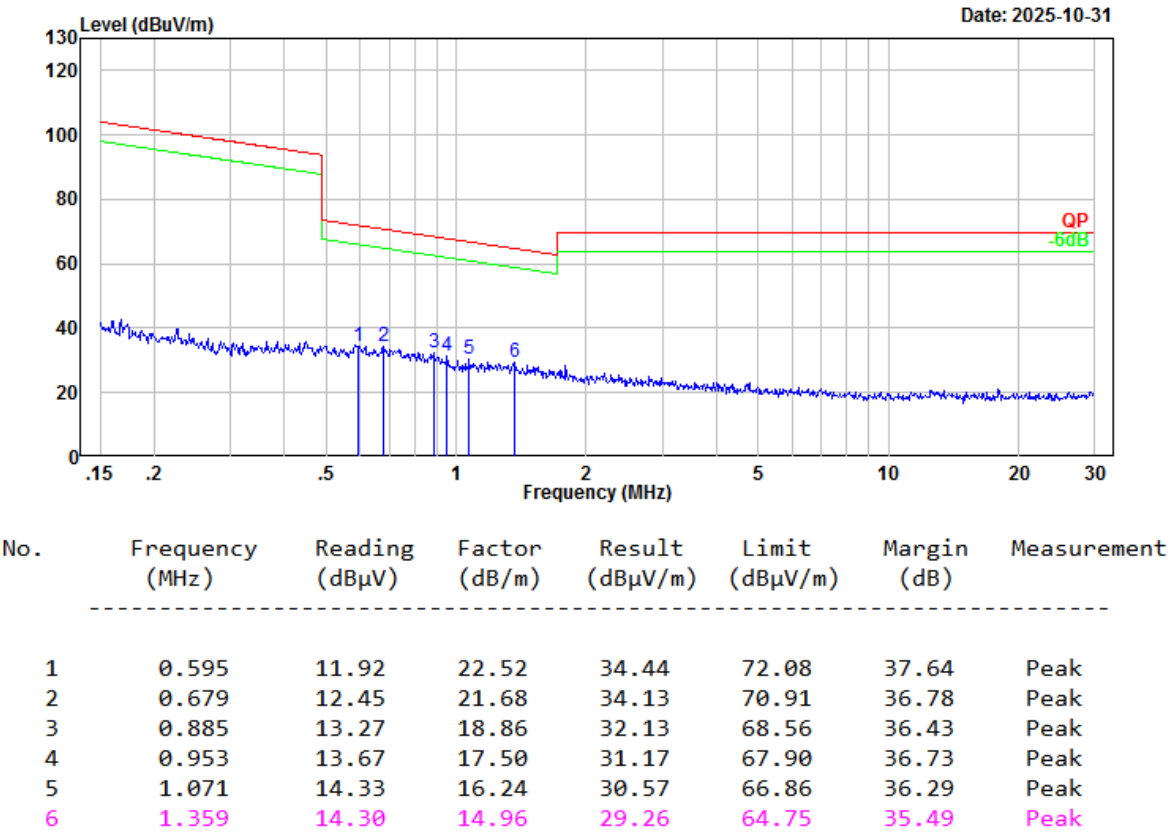
Serial No.: 3BFI-1
Tester: Zoo Zou



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	0.011	-3.65	52.53	48.88	126.68	77.80	Peak
2	0.019	-3.39	50.24	46.85	121.90	75.05	Peak
3	0.020	-2.50	50.04	47.54	121.58	74.04	Peak
4	0.024	-1.11	49.05	47.94	120.02	72.08	Peak
5	0.035	4.87	46.60	51.47	116.63	65.16	Peak
6	0.071	6.86	40.44	47.30	110.59	63.29	Peak

Project No.: 2502Y81547E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: 5G Wifi
RBW:9kHz VBW:30kHz

Serial No.: 38FI-1
Tester: Zoo Zou



30MHz-1GHz

Project No.: 2502Y81547E-RF

Serial No.: 38FI-1

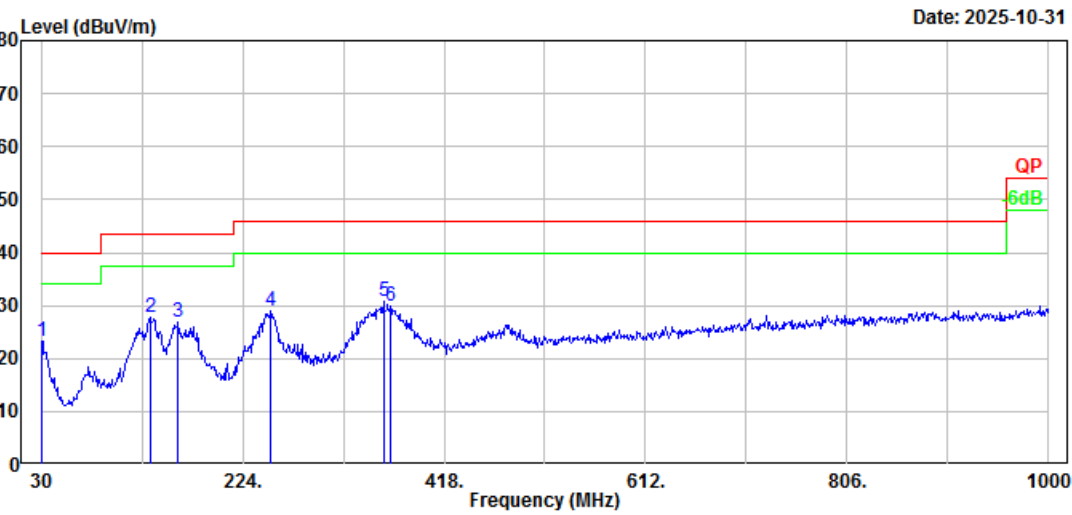
Polarization: Horizontal

Tester: Zoo Zou

Test Mode: Transmitting

Note: 5G Wifi

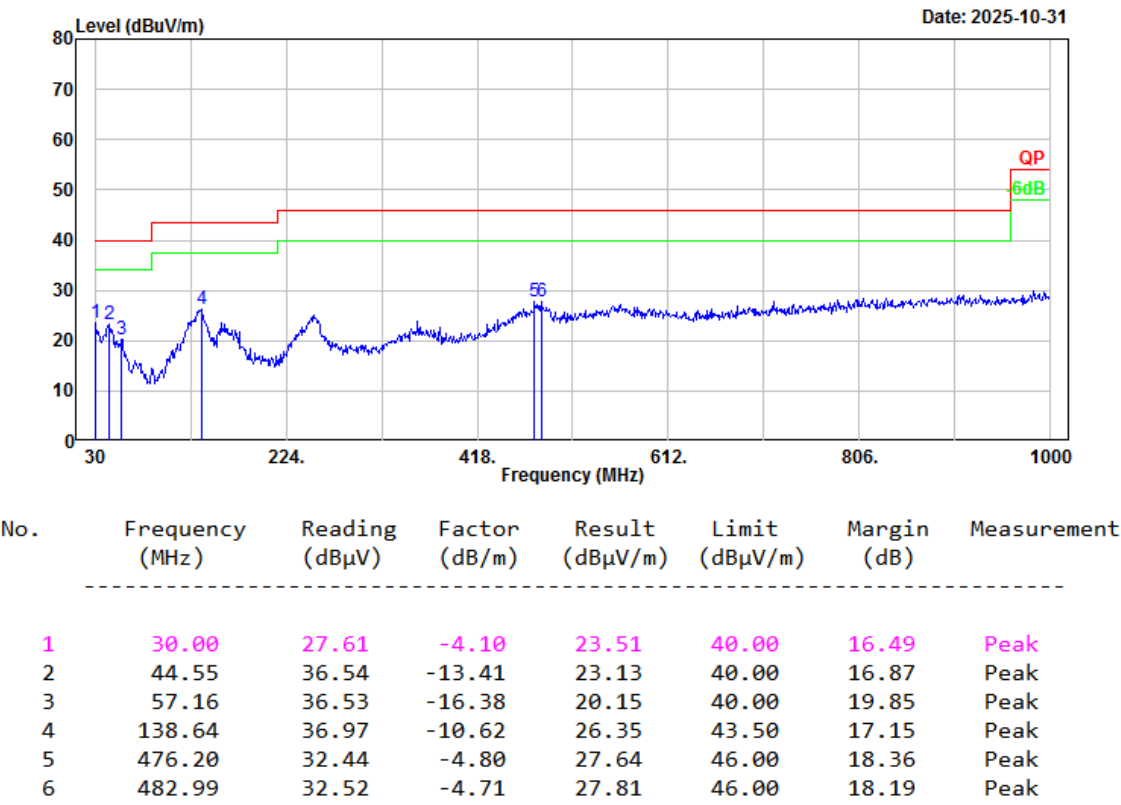
RBW:120kHz VBW:500kHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	30.00	27.41	-4.10	23.31	40.00	16.69	Peak
2	134.76	37.98	-10.18	27.80	43.50	15.70	Peak
3	161.92	37.86	-11.00	26.86	43.50	16.64	Peak
4	251.16	40.59	-11.61	28.98	46.00	17.02	Peak
5	359.80	39.19	-8.27	30.92	46.00	15.08	Peak
6	366.59	38.01	-8.09	29.92	46.00	16.08	Peak

Project No.: 2502Y81547E-RF
 Polarization: Vertical
 Test Mode: Transmitting
 Note: 5G Wifi
 RBW:120kHz VBW:500kHz

Serial No.: 3BFI-1
 Tester: Zoo Zou



2) 1-40GHz:

Serial Number:	3BFI-1	Test Date:	2025/10/29~2025/10/30
Test Site:	Chamber B	Test Mode:	Transmitting
Tester:	Leo Xiao, Alan Xie	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	23.1~23.6	Relative Humidity: (%)	31~37	ATM Pressure: (kPa)	101.7~101.8

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
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2023/2/22	2026/2/21
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	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	2025/9/4	2026/9/3
R&S	Spectrum Analyzer	FSV40	101944	2025/8/8	2026/8/7
Audix	Test Software	E3	191218 V9	N/A	N/A
Decentest	Multiplex Switch Test Control Set & Filter Switch Unit	DT7220SCU & DT7220FCU	DC79902 & DC79905	2025/8/25	2026/8/24

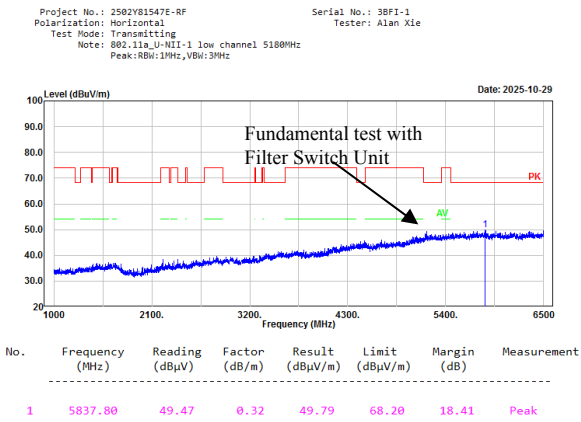
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

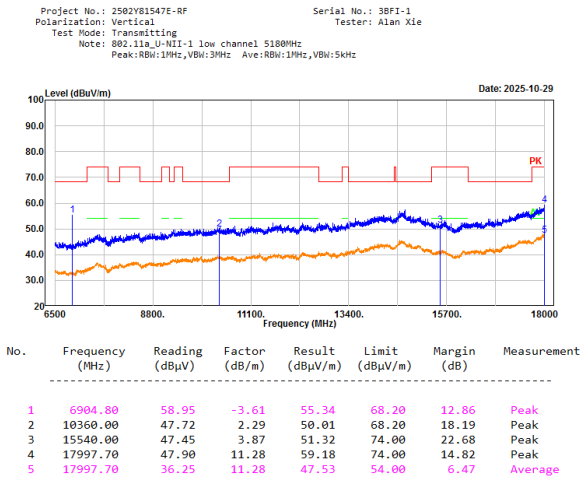
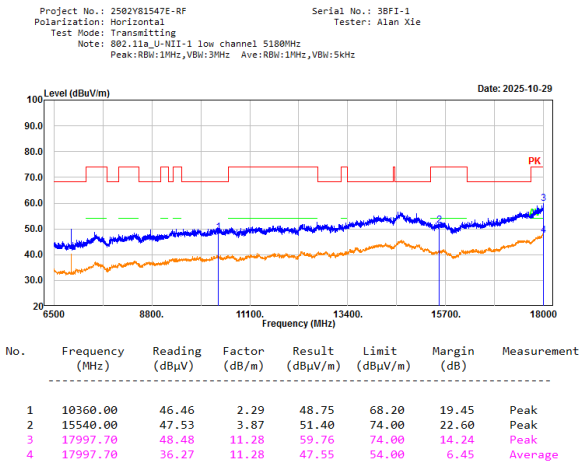
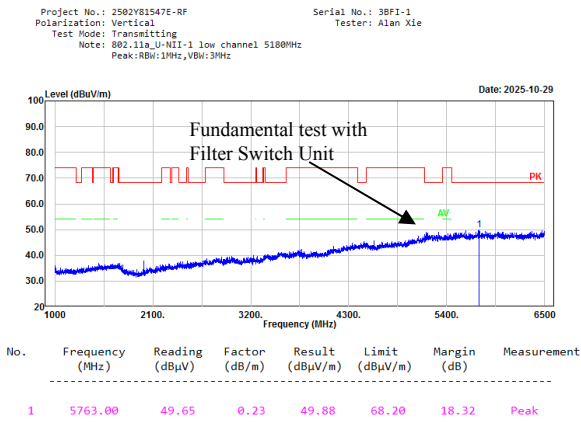
Please refer to the below plots.
After pre-scan in the X, Y and Z axes of orientation, the worst case is refer to plots.

1-18GHz:
5150-5250MHz:

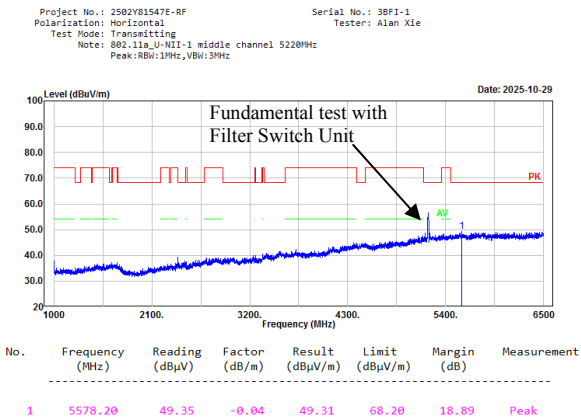
802.11a, Low Channel, Horizontal



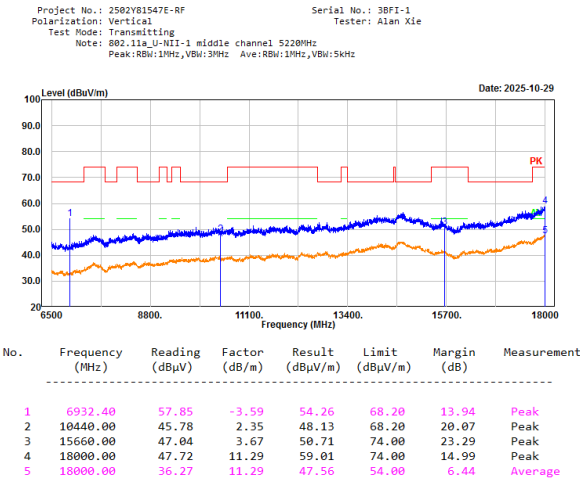
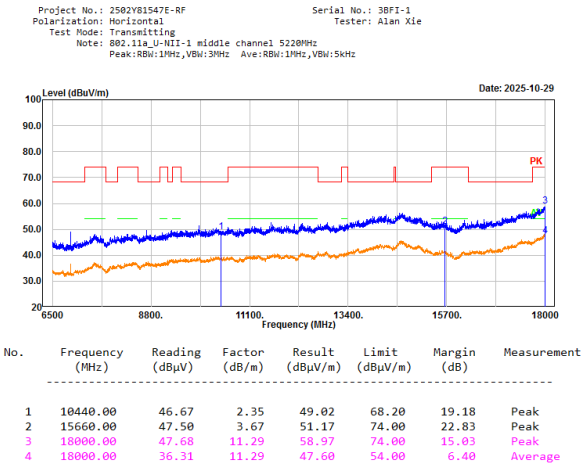
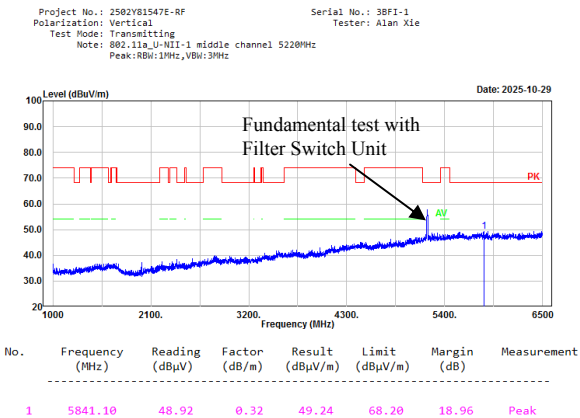
802.11a, Low Channel, Vertical



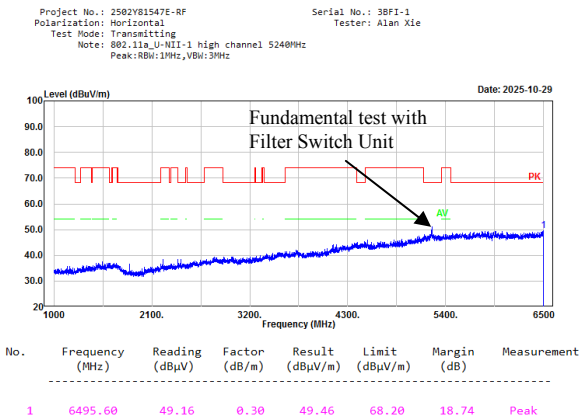
802.11a, Middle Channel, Horizontal



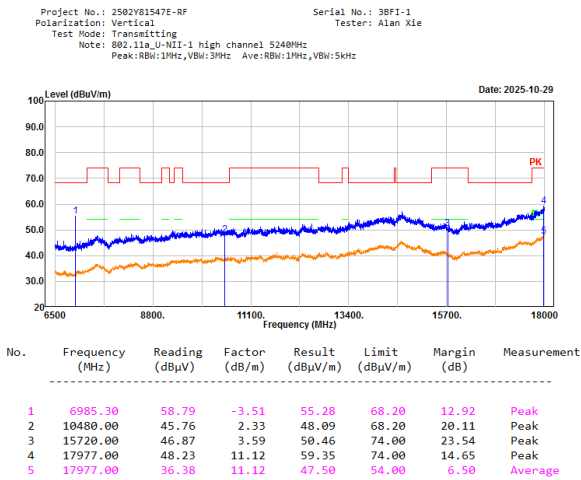
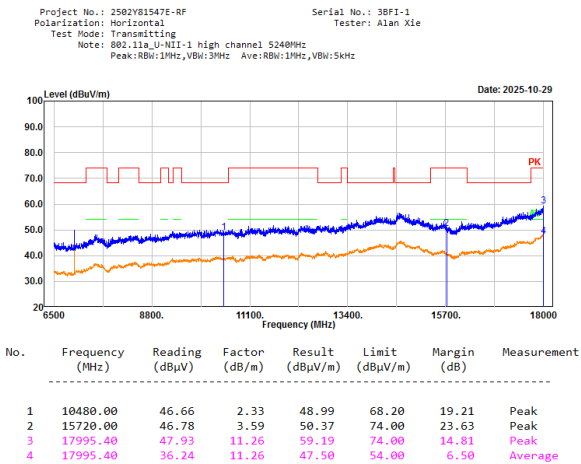
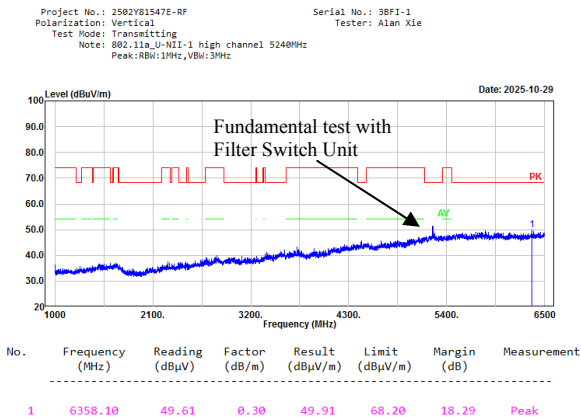
802.11a, Middle Channel, Vertical



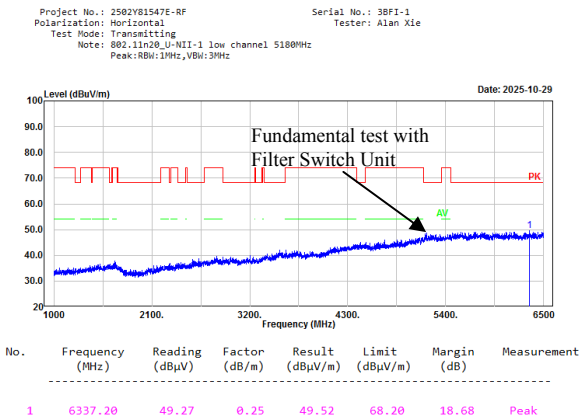
802.11a, High Channel, Horizontal



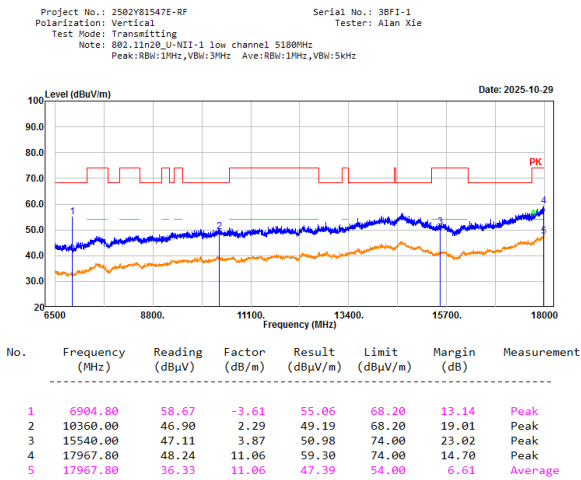
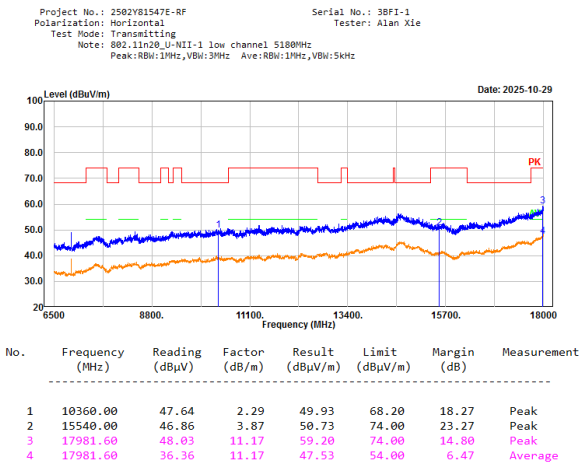
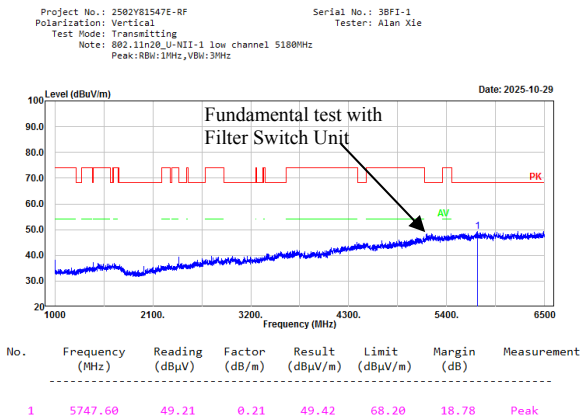
802.11a, High Channel, Vertical



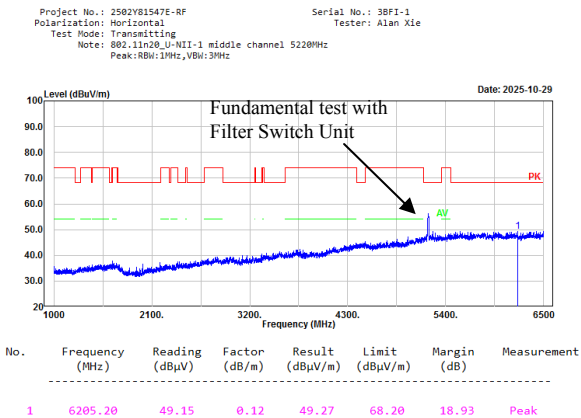
802.11n20, Low Channel, Horizontal



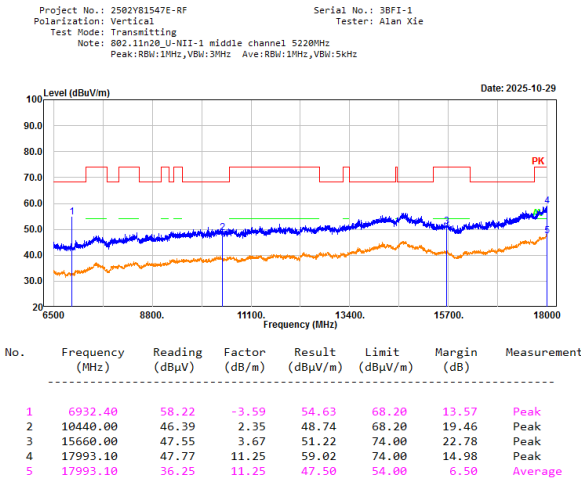
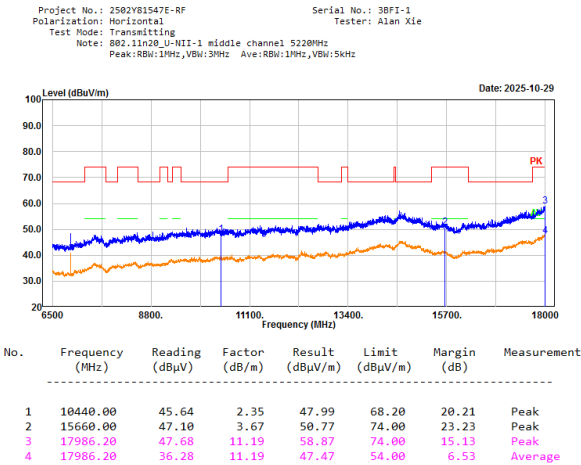
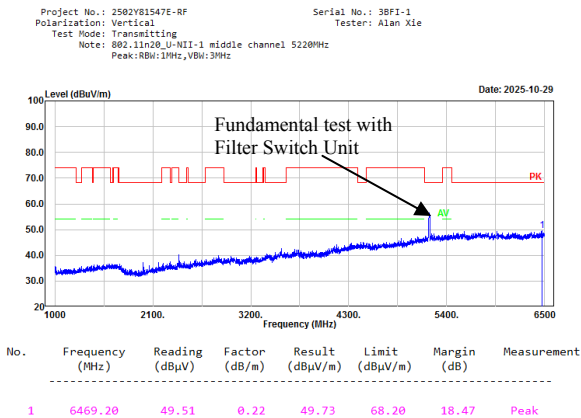
802.11n20, Low Channel, Vertical



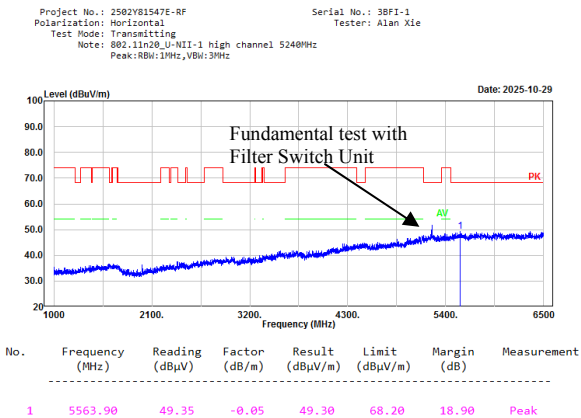
802.11n20, Middle Channel, Horizontal



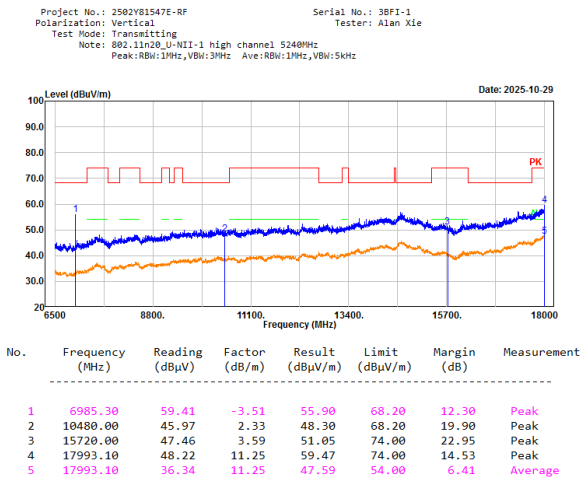
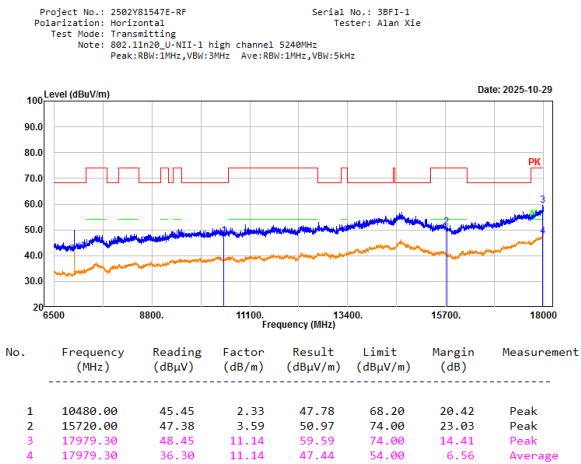
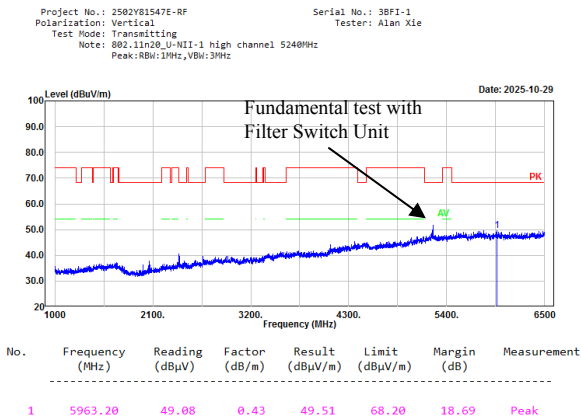
802.11n20, Middle Channel, Vertical



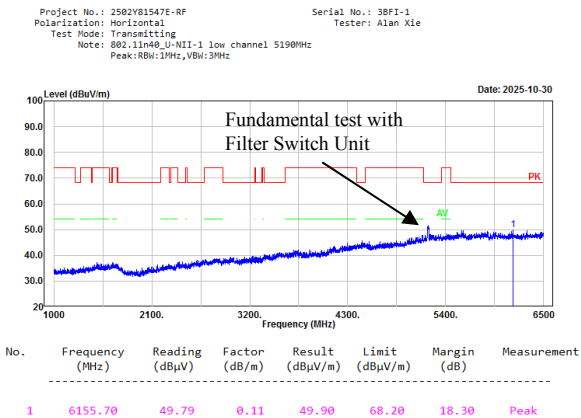
802.11n20, High Channel, Horizontal



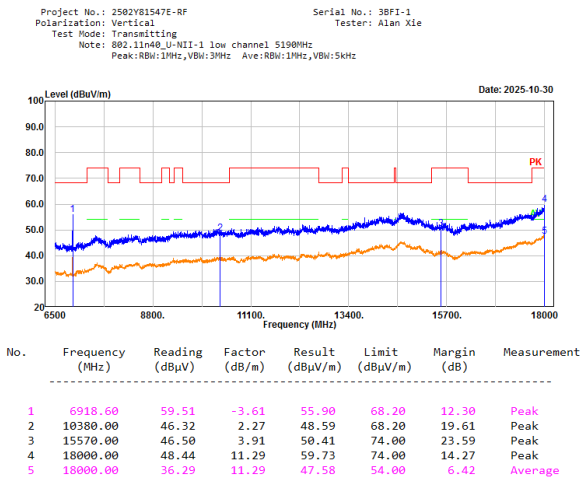
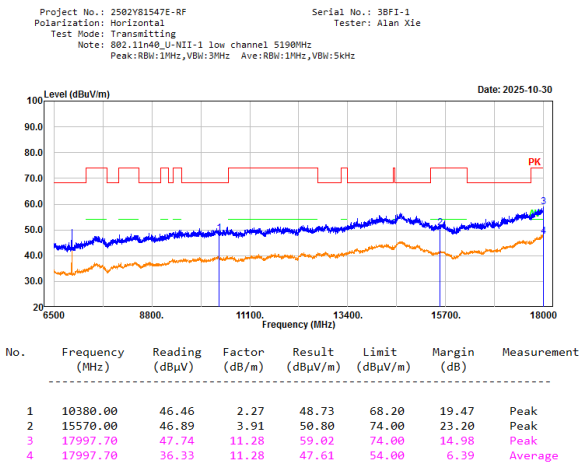
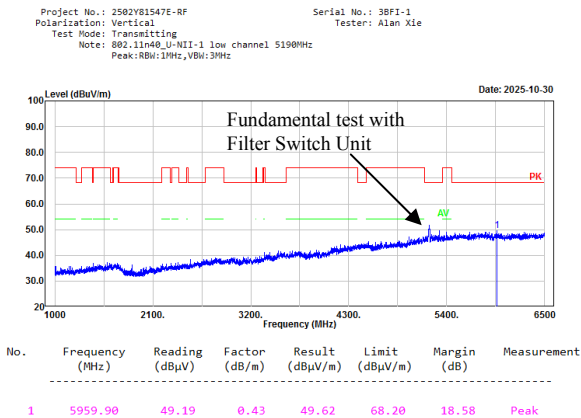
802.11n20, High Channel, Vertical



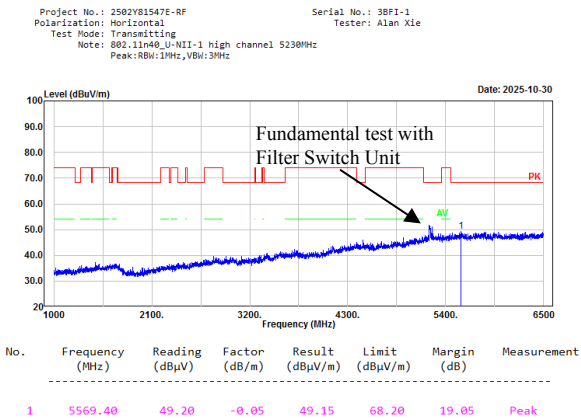
802.11n40, Low Channel, Horizontal



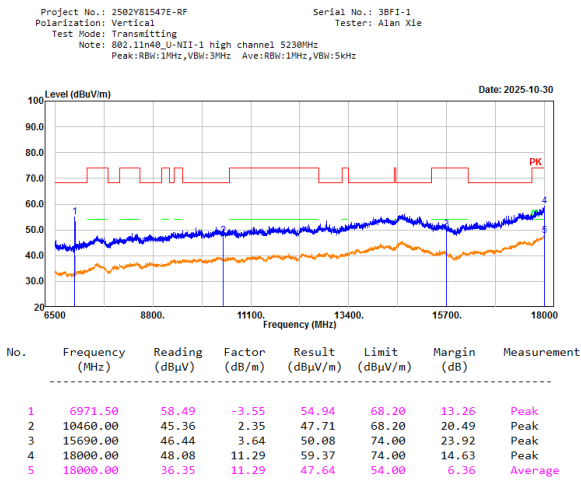
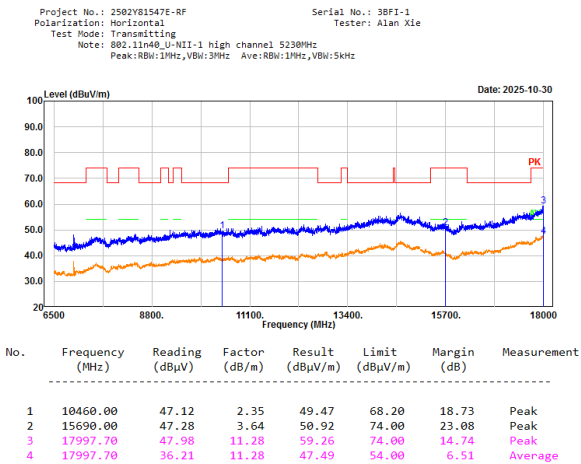
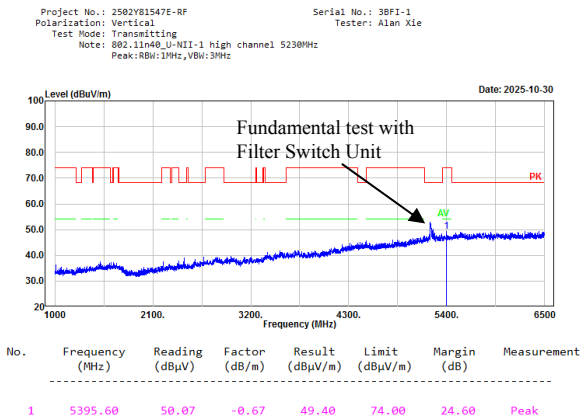
802.11n40, Low Channel, Vertical

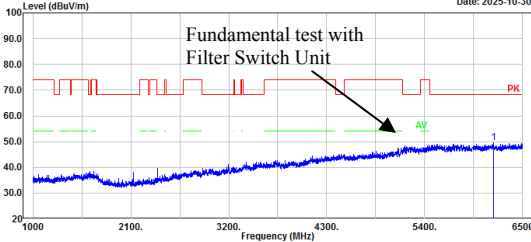
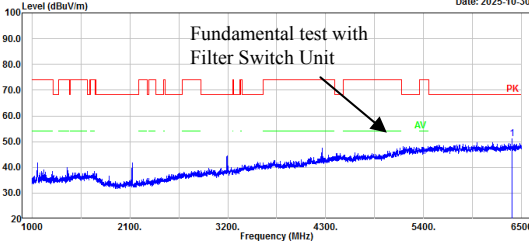


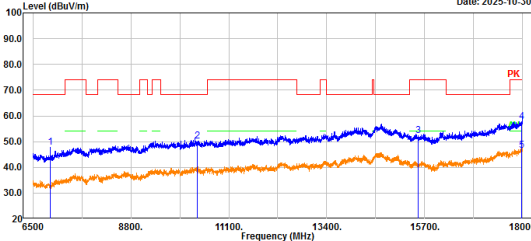
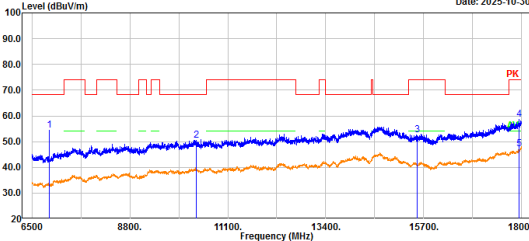
802.11n40, High Channel, Horizontal



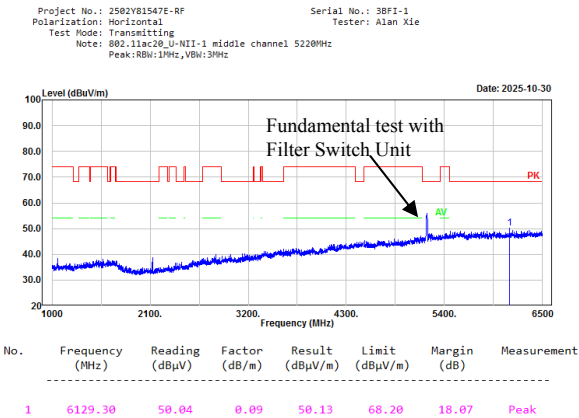
802.11n40, High Channel, Vertical



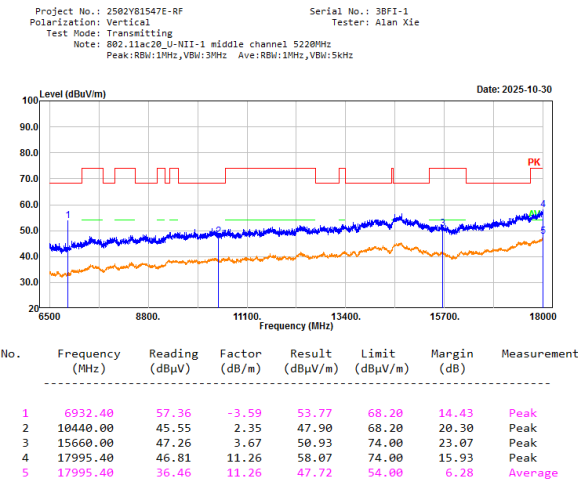
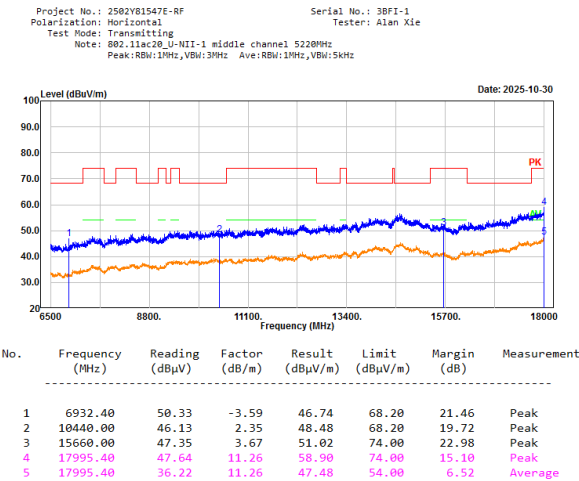
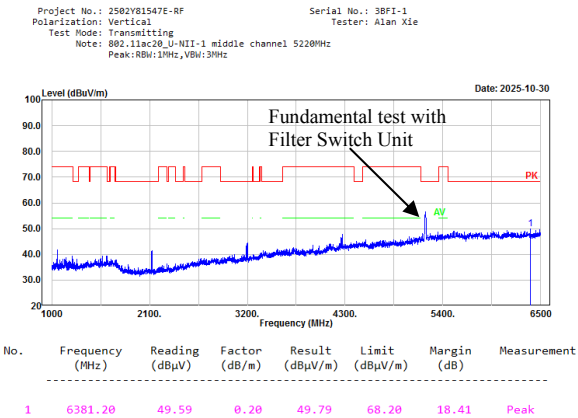
802.11ac20, Low Channel, Horizontal							802.11ac20, Low Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5180MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Alan Xie			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5180MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Alan Xie				
															
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	6175.50	49.49	0.25	49.74	68.20	18.46	Peak	1	6388.90	50.83	0.18	51.01	68.20	17.19	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5180MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Alan Xie			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5180MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Alan Xie				
															
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	6904.80	51.50	-3.61	47.89	68.20	20.31	Peak	1	6904.80	58.00	-3.61	54.39	68.20	13.81	Peak
2	10360.00	47.89	2.29	50.18	68.20	18.02	Peak	2	10360.00	48.18	2.29	50.47	68.20	17.73	Peak
3	15540.00	48.39	3.87	52.26	74.00	21.74	Peak	3	15540.00	48.70	3.87	52.57	74.00	21.43	Peak
4	17972.40	46.79	11.09	57.88	74.00	16.12	Peak	4	17940.20	47.65	10.87	58.52	74.00	15.48	Peak
5	17972.40	35.38	11.09	46.47	54.00	7.53	Average	5	17940.20	36.25	10.87	47.12	54.00	6.88	Average

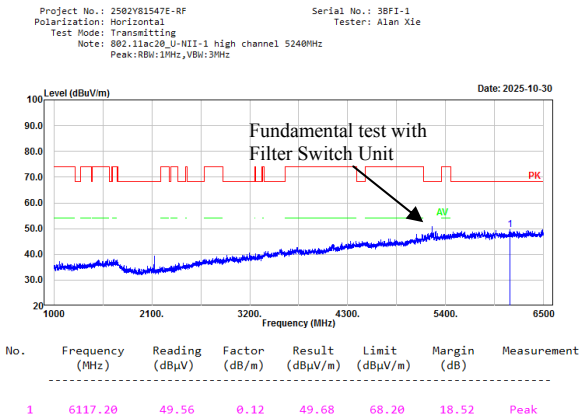
802.11ac20, Middle Channel, Horizontal



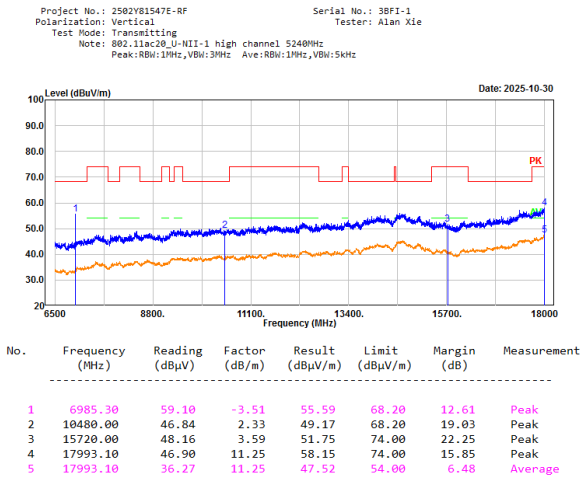
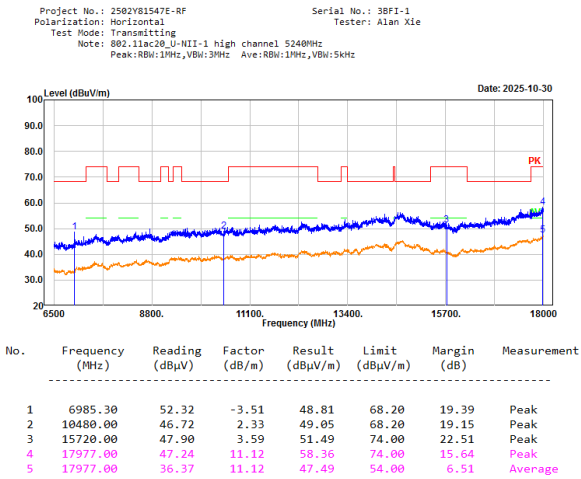
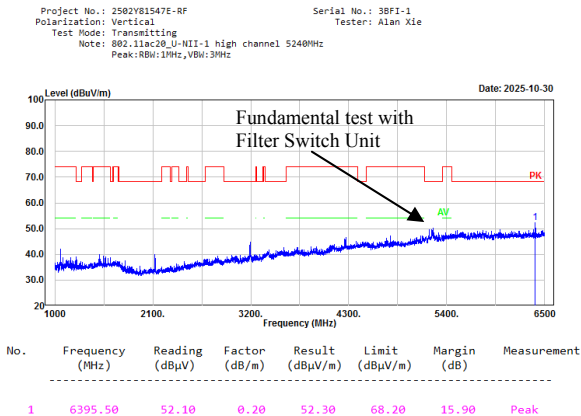
802.11ac20, Middle Channel, Vertical



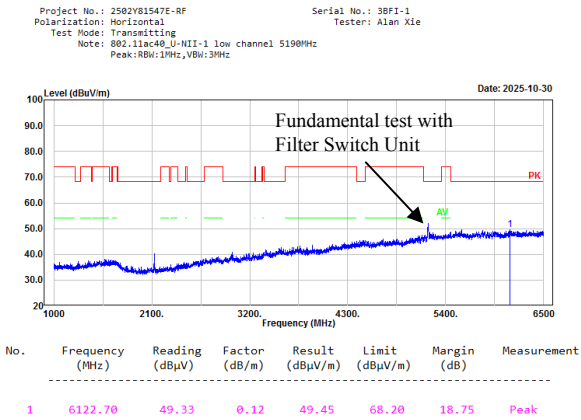
802.11ac20, High Channel, Horizontal



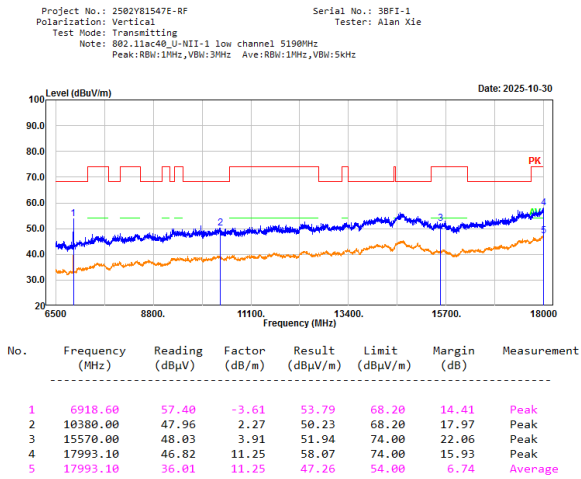
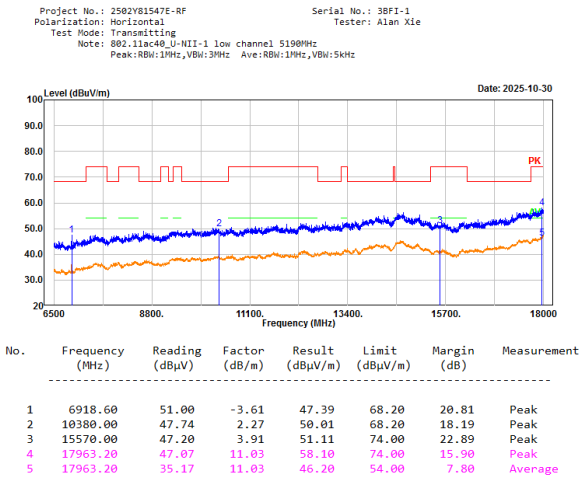
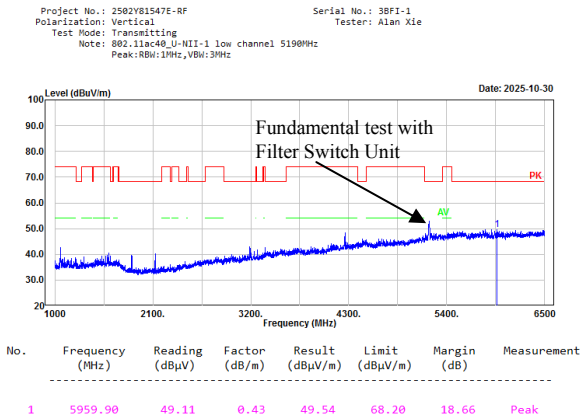
802.11ac20, High Channel, Vertical

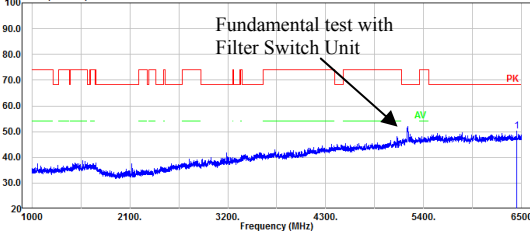


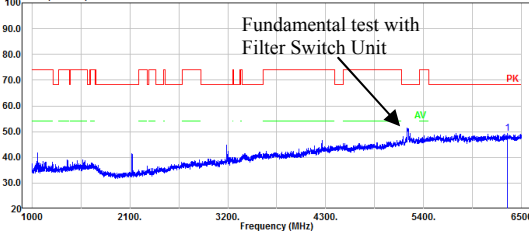
802.11ac40, Low Channel, Horizontal

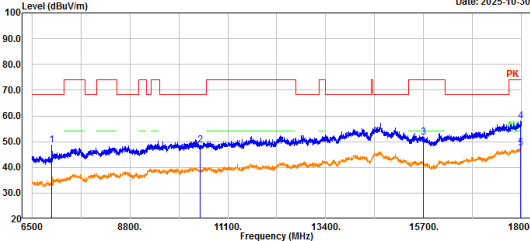


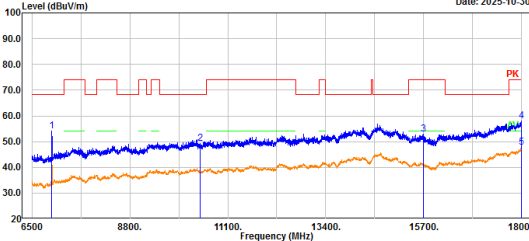
802.11ac40, Low Channel, Vertical



802.11ac40, High Channel, Horizontal									
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac40_U-NII-1 high channel 5230MHz Peak:RBW:1MHz,VBW:3MHz					Serial No.: 38FI-1 Tester: Alan Xie				
Date: 2025-10-30									
									
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement		
1	6442.80	49.99	0.25	50.24	68.20	17.96	Peak		

802.11ac40, High Channel, Vertical									
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac40_U-NII-1 high channel 5230MHz Peak:RBW:1MHz,VBW:3MHz					Serial No.: 38FI-1 Tester: Alan Xie				
Date: 2025-10-30									
									
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement		
1	6338.30	49.17	0.25	49.42	68.20	18.78	Peak		

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac40_U-NII-1 high channel 5230MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz					Serial No.: 38FI-1 Tester: Alan Xie				
Date: 2025-10-30									
									
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement		
1	6971.50	52.10	-3.55	48.55	68.20	19.65	Peak		
2	10460.00	46.47	2.35	48.82	68.20	19.38	Peak		
3	15690.00	48.13	3.64	51.77	74.00	22.23	Peak		
4	17981.60	46.96	11.17	58.13	74.00	15.87	Peak		
5	17981.60	36.44	11.17	47.61	54.00	6.39	Average		

Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac40_U-NII-1 high channel 5230MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz					Serial No.: 38FI-1 Tester: Alan Xie				
Date: 2025-10-30									
									
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement		
1	6971.50	57.71	-3.55	54.16	68.20	14.04	Peak		
2	10460.00	47.01	2.35	49.36	68.20	18.84	Peak		
3	15690.00	49.17	3.64	52.81	74.00	21.19	Peak		
4	17995.40	46.70	11.26	57.96	74.00	16.04	Peak		
5	17995.40	36.37	11.26	47.63	54.00	6.37	Average		

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802.11ac80, Middle Channel, Horizontal							802.11ac80, Middle Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac80_U-NII-1 middle channel 5210MHz Peak:RBW:1MHz,VBW:3MHz							Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac80_U-NII-1 middle channel 5210MHz Peak:RBW:1MHz,VBW:3MHz								
Serial No.: 38FI-1 Tester: Alan Xie							Serial No.: 38FI-1 Tester: Alan Xie								
Date: 2025-10-30							Date: 2025-10-30								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5730.00	49.79	0.19	49.98	68.20	18.22	Peak	1	5992.90	49.32	0.44	49.76	68.20	18.44	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac80_U-NII-1 middle channel 5210MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz							Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac80_U-NII-1 middle channel 5210MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz								
Serial No.: 38FI-1 Tester: Alan Xie							Serial No.: 38FI-1 Tester: Alan Xie								
Date: 2025-10-30							Date: 2025-10-30								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10420.00	46.58	2.31	48.89	68.20	19.31	Peak	1	6946.20	59.75	-3.58	56.17	68.20	12.03	Peak
2	15630.00	47.09	3.74	50.83	74.00	23.17	Peak	2	10420.00	46.10	2.31	48.41	68.20	19.79	Peak
3	17977.00	47.96	11.12	59.08	74.00	14.92	Peak	3	15630.00	46.74	3.74	50.48	74.00	23.52	Peak
4	17977.00	36.28	11.12	47.40	54.00	6.60	Average	4	17981.60	47.57	11.17	58.74	74.00	15.26	Peak
								5	17981.60	36.34	11.17	47.51	54.00	6.49	Average

5250-5350MHz:

Project No.: 2502Y81547E-RF

Polarization: Horizontal

Test Mode: Transmitting

Note: 802.11a_U-NII-2A low channel 5260MHz

Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1

Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6440.60	49.18	0.26	49.44	68.20	18.76	Peak

Project No.: 2502Y81547E-RF

Polarization: Vertical

Test Mode: Transmitting

Note: 802.11a_U-NII-2A low channel 5260MHz

Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1

Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6305.30	49.35	0.13	49.48	68.20	18.72	Peak

Project No.: 2502Y81547E-RF

Polarization: Horizontal

Test Mode: Transmitting

Note: 802.11a_U-NII-2A low channel 5260MHz

Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1

Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7012.90	53.05	-3.45	49.60	68.20	18.60	Peak
2	10520.00	47.04	2.29	49.33	68.20	18.87	Peak
3	15780.00	47.17	3.55	50.72	74.00	23.28	Peak
4	17993.10	47.15	11.25	58.40	74.00	15.60	Peak
5	17993.10	36.29	11.25	47.54	54.00	6.46	Average

Project No.: 2502Y81547E-RF

Polarization: Vertical

Test Mode: Transmitting

Note: 802.11a_U-NII-2A low channel 5260MHz

Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1

Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7012.90	58.73	-3.45	55.28	68.20	12.92	Peak
2	10520.00	47.78	2.29	50.07	68.20	18.13	Peak
3	15780.00	48.17	3.55	51.72	74.00	22.28	Peak
4	17990.80	49.05	11.23	60.28	74.00	13.72	Peak
5	17990.80	36.47	11.23	47.70	54.00	6.30	Average

802.11a, Middle Channel, Horizontal							
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz							
Serial No.: 38FI-1 Tester: Leo Xiao							
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5984.10	49.74	0.44	50.18	68.20	18.02	Peak

802.11a, Middle Channel, Vertical							
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz							
Serial No.: 38FI-1 Tester: Leo Xiao							
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6123.80	49.10	0.12	49.22	68.20	18.98	Peak

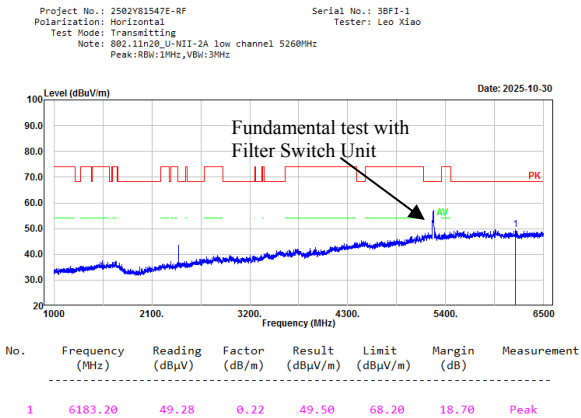
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz							
Serial No.: 38FI-1 Tester: Leo Xiao							
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7038.20	52.70	-3.35	49.35	68.20	18.85	Peak
2	10600.00	46.84	2.31	49.15	68.20	19.05	Peak
3	15900.00	46.18	3.51	49.69	74.00	24.31	Peak
4	17995.40	47.72	11.26	58.98	74.00	15.02	Peak
5	17995.40	36.46	11.26	47.72	54.00	6.28	Average

Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz							
Serial No.: 38FI-1 Tester: Leo Xiao							
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7038.20	57.82	-3.35	54.47	68.20	13.73	Peak
2	10600.00	46.67	2.31	48.98	68.20	19.22	Peak
3	15900.00	45.46	3.51	48.97	74.00	25.03	Peak
4	17963.20	47.46	11.03	58.49	74.00	15.51	Peak
5	17963.20	36.40	11.03	47.43	54.00	6.57	Average

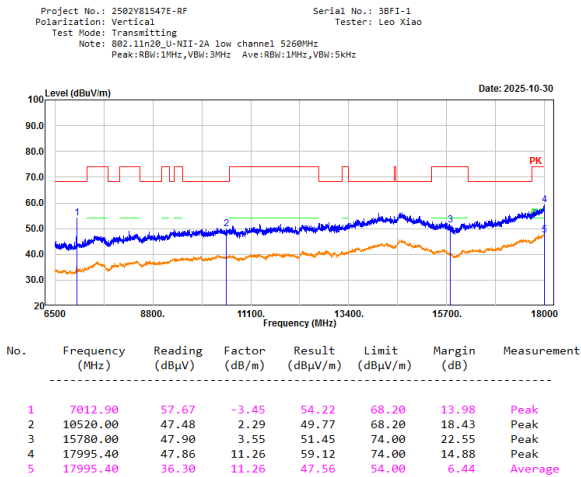
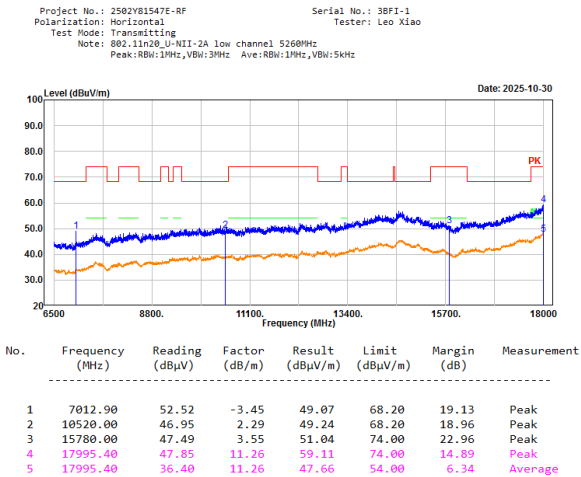
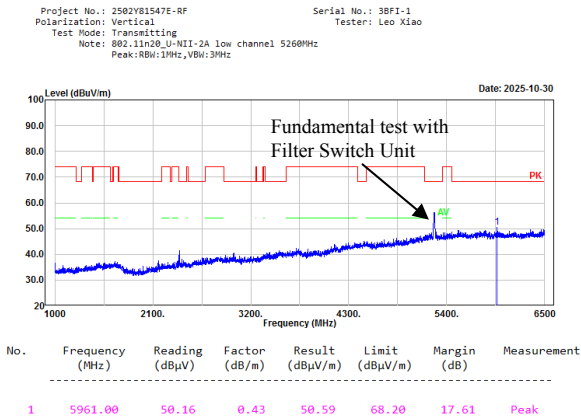
802.11a, High Channel, Horizontal							802.11a, High Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-2A high channel 5320MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-2A high channel 5320MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao				
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6326.20	49.93	0.21	50.14	68.20	18.06	Peak	1	6142.50	49.53	0.07	49.60	68.20	18.60	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-2A high channel 5320MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-2A high channel 5320MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao				
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7091.10	52.91	-3.11	49.80	68.20	18.40	Peak	1	7093.40	56.40	-3.11	53.29	68.20	14.91	Peak
2	10640.00	47.43	2.48	49.91	74.00	24.09	Peak	2	10640.00	47.11	2.48	49.59	74.00	24.41	Peak
3	15590.00	47.50	3.86	51.36	74.00	22.64	Peak	3	15590.00	46.89	3.86	50.75	74.00	23.25	Peak
4	17990.80	48.36	11.23	59.59	74.00	14.41	Peak	4	17983.90	48.64	11.18	59.82	74.00	14.18	Peak
5	17990.80	36.24	11.23	47.47	54.00	6.53	Average	5	17983.90	36.26	11.18	47.44	54.00	6.56	Average

802.11n20, Low Channel, Horizontal



802.11n20, Low Channel, Vertical



802.11n20, Middle Channel, Horizontal							802.11n20, Middle Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n20_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n20_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao				
Level (dBuV/m) Fundamental test with Filter Switch Unit Date: 2025-10-30							Level (dBuV/m) Fundamental test with Filter Switch Unit Date: 2025-10-30								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6373.50	49.93	0.24	50.17	68.20	18.03	Peak	1	5934.60	49.04	0.42	49.46	68.20	18.74	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n20_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n20_U-NII-2A middle channel 5300MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao				
Level (dBuV/m) Date: 2025-10-30							Level (dBuV/m) Date: 2025-10-30								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7038.20	54.45	-3.35	51.10	68.20	17.10	Peak	1	7038.20	57.67	-3.35	54.32	68.20	13.88	Peak
2	10600.00	46.34	2.31	48.65	68.20	19.55	Peak	2	10600.00	46.37	2.31	48.68	68.20	19.52	Peak
3	15900.00	45.75	3.51	49.26	74.00	24.74	Peak	3	15900.00	45.47	3.51	48.98	74.00	25.02	Peak
4	17988.50	47.45	11.21	58.66	74.00	15.34	Peak	4	17993.10	47.24	11.25	58.49	74.00	15.51	Peak
5	17988.50	36.04	11.21	47.25	54.00	6.75	Average	5	17993.10	36.26	11.25	47.51	54.00	6.49	Average

802.11n20, High Channel, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A high channel 5320MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Level (dBuV/m)

Fundamental test with Filter Switch Unit

4050

100021003200430054006500

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6485.70	49.44	0.25	49.69	68.20	18.51	Peak

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A high channel 5320MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Level (dBuV/m)

Fundamental test with Filter Switch Unit

4050

100021003200430054006500

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5996.20	49.13	0.46	49.59	68.20	18.61	Peak

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A high channel 5320MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

Level (dBuV/m)

4050

6500880011100134001570018000

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7091.10	54.55	-3.11	51.44	68.20	16.76	Peak
2	10640.00	47.03	2.48	49.51	74.00	24.49	Peak
3	15590.00	47.42	3.86	51.28	74.00	22.72	Peak
4	17993.10	47.99	11.25	59.24	74.00	14.76	Peak
5	17993.10	36.43	11.25	47.68	54.00	6.32	Average

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A high channel 5320MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

Level (dBuV/m)

4050

6500880011100134001570018000

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7093.40	57.32	-3.11	54.21	68.20	13.99	Peak
2	10640.00	47.49	2.48	49.97	74.00	24.03	Peak
3	15590.00	47.62	3.86	51.48	74.00	22.52	Peak
4	17986.20	47.58	11.19	58.77	74.00	15.23	Peak
5	17986.20	36.25	11.19	47.44	54.00	6.56	Average

802.11n40, Low Channel, Horizontal							
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n40_U-NII-2A low channel 5270MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6328.40	49.09	0.22	49.31	68.20	18.89	Peak

802.11n40, Low Channel, Vertical							
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n40_U-NII-2A low channel 5270MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5987.40	49.07	0.43	49.50	68.20	18.70	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n40_U-NII-2A low channel 5270MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7026.70	52.57	-3.39	49.18	68.20	19.02	Peak
2	10540.00	47.12	2.29	49.41	68.20	18.79	Peak
3	15810.00	48.53	3.49	52.02	74.00	21.98	Peak
4	17954.00	48.50	10.97	59.47	74.00	14.53	Peak
5	17954.00	36.40	10.97	47.37	54.00	6.63	Average

Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n40_U-NII-2A low channel 5270MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7026.70	57.73	-3.39	54.34	68.20	13.86	Peak
2	10540.00	47.94	2.29	50.23	68.20	17.97	Peak
3	15810.00	48.53	3.49	52.02	74.00	21.98	Peak
4	17954.00	48.50	10.97	59.47	74.00	14.53	Peak
5	17954.00	36.40	10.97	47.37	54.00	6.63	Average

802.11n40, High Channel, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	6344.90	49.56	0.27	49.83	68.20	18.37	Peak

802.11n40, High Channel, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	5983.00	49.40	0.44	49.84	68.20	18.36	Peak

802.11n40, High Channel, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	7079.60	50.76	-3.17	47.59	68.20	20.61	Peak
2	10620.00	46.67	2.40	49.07	74.00	24.93	Peak
3	15930.00	46.22	3.59	49.81	74.00	24.19	Peak
4	17993.10	46.44	11.25	57.69	74.00	16.31	Peak
5	17993.10	36.35	11.25	47.60	54.00	6.40	Average

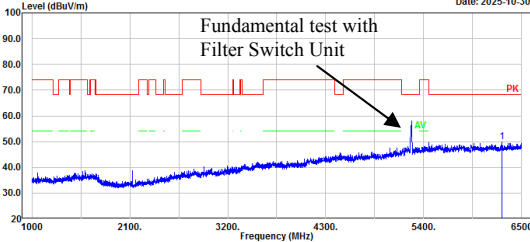
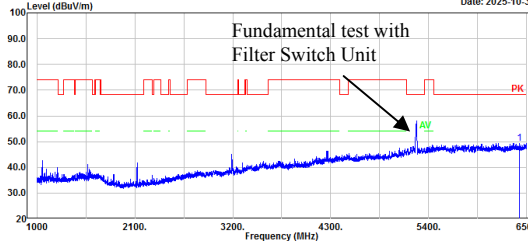
802.11n40, High Channel, Vertical

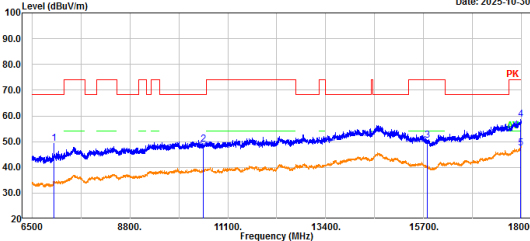
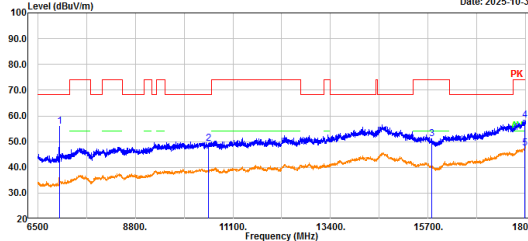
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

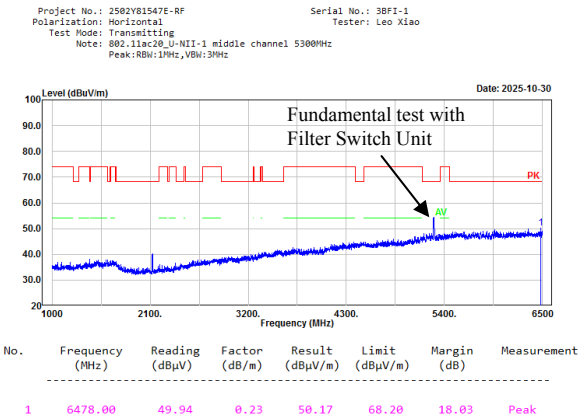
Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	7079.60	56.58	-3.17	53.41	68.20	14.79	Peak
2	10620.00	47.93	2.40	50.33	74.00	23.67	Peak
3	15930.00	46.97	3.59	50.56	74.00	23.44	Peak
4	17974.70	47.65	11.10	58.75	74.00	15.25	Peak
5	17974.70	36.38	11.10	47.48	54.00	6.52	Average

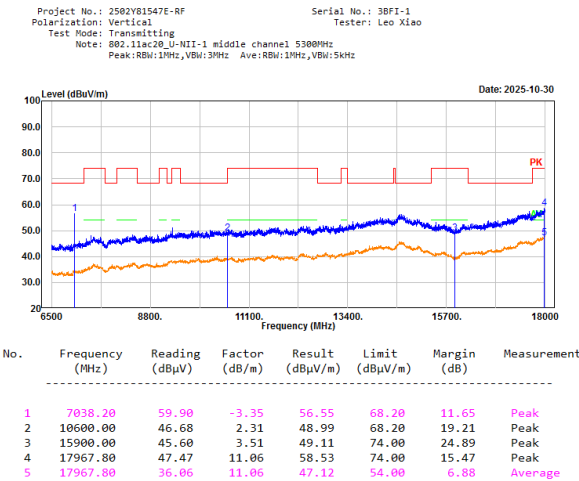
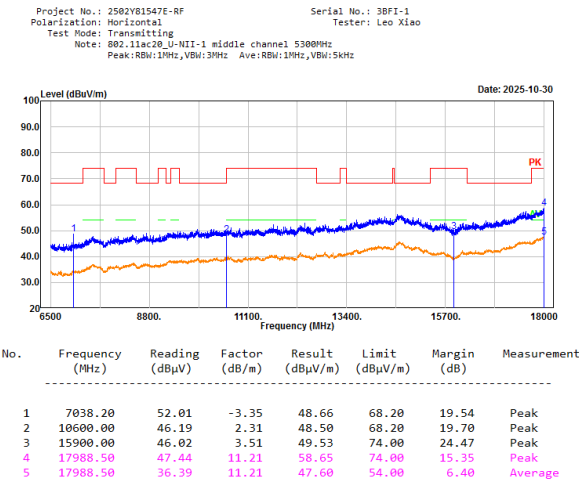
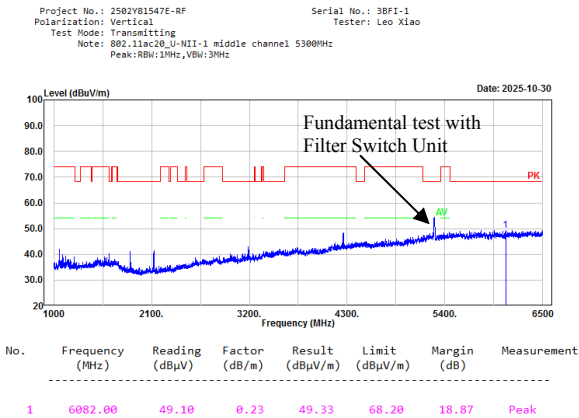
802.11ac20, Low Channel, Horizontal								802.11ac20, Low Channel, Vertical							
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5260MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao				Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5260MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			
															
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6282.20	49.67	0.34	50.01	68.20	18.19	Peak	1	6415.30	49.13	0.24	49.37	68.20	18.83	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5260MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz								Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-1 low channel 5260MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz							
															
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7012.90	52.87	-3.45	49.42	68.20	18.78	Peak	1	7012.90	59.43	-3.45	55.98	68.20	12.22	Peak
2	10520.00	46.79	2.29	49.08	68.20	19.12	Peak	2	10520.00	46.85	2.29	49.14	68.20	19.06	Peak
3	15780.00	46.93	3.55	50.48	74.00	23.52	Peak	3	15780.00	47.57	3.55	51.12	74.00	22.88	Peak
4	17974.70	47.53	11.10	58.63	74.00	15.37	Peak	4	17974.70	47.13	11.10	58.23	74.00	15.77	Peak
5	17974.70	36.29	11.10	47.39	54.00	6.61	Average	5	17974.70	36.27	11.10	47.37	54.00	6.63	Average

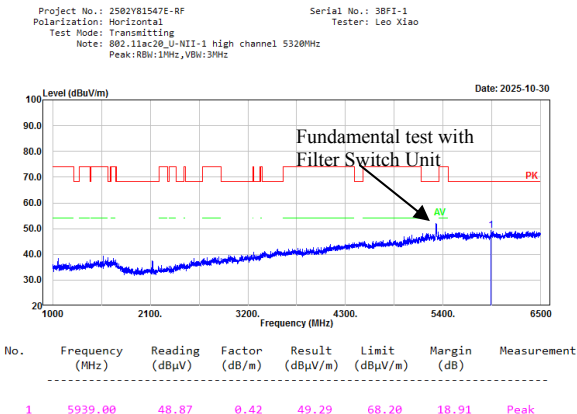
802.11ac20, Middle Channel, Horizontal



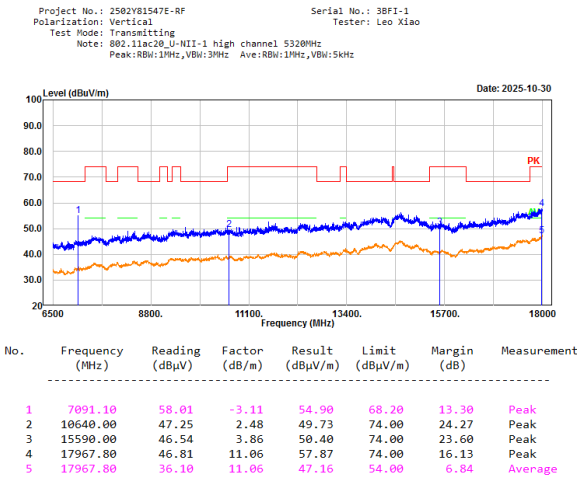
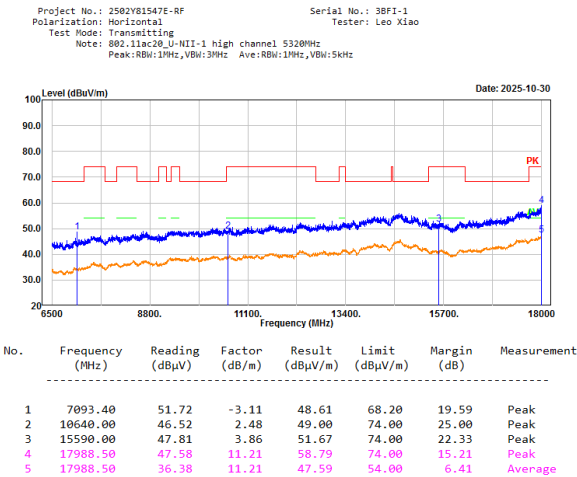
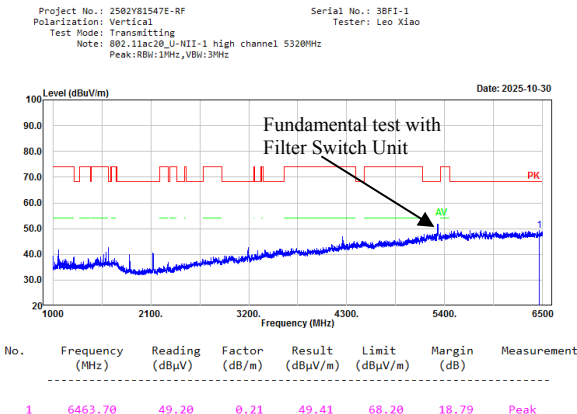
802.11ac20, Middle Channel, Vertical



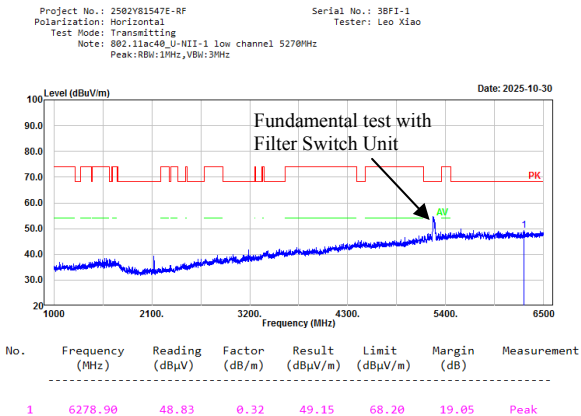
802.11ac20, High Channel, Horizontal



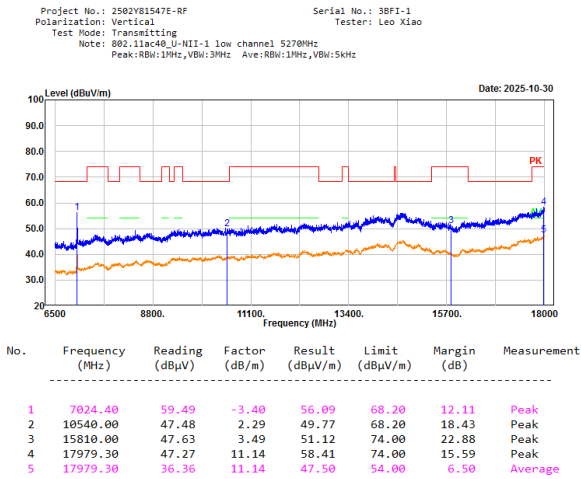
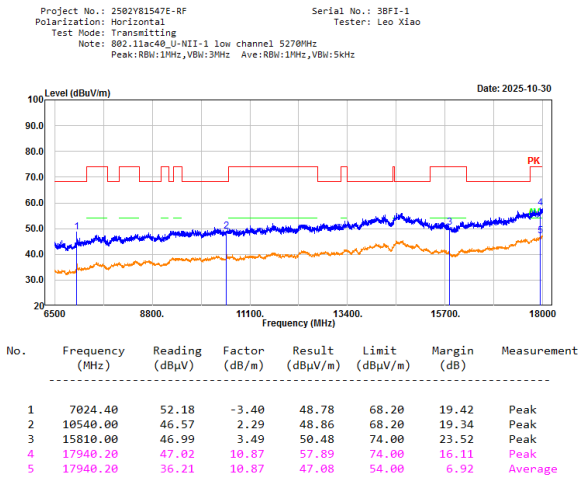
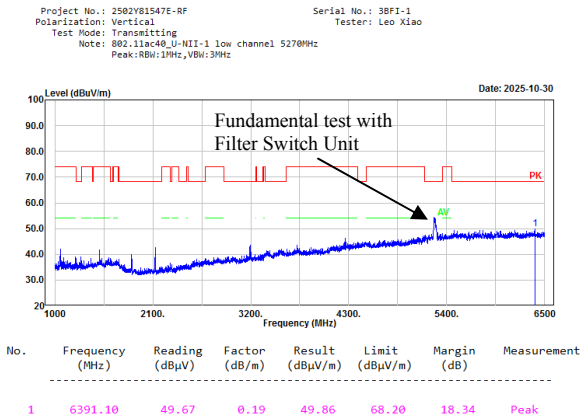
802.11ac20, High Channel, Vertical



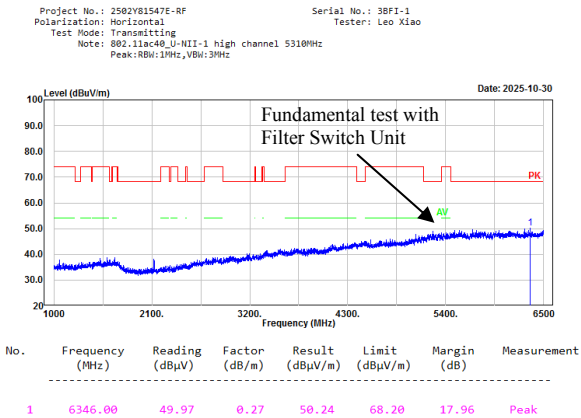
802.11ac40, Low Channel, Horizontal



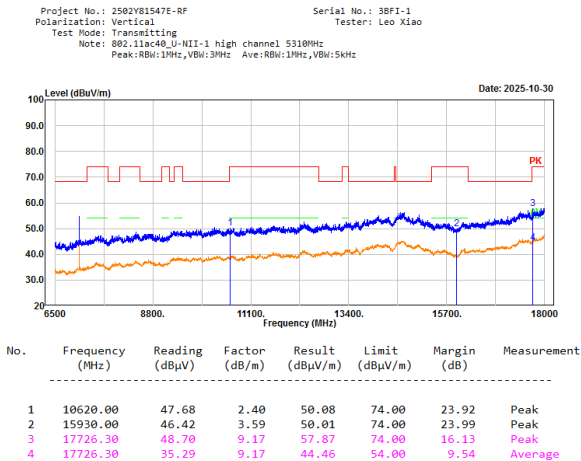
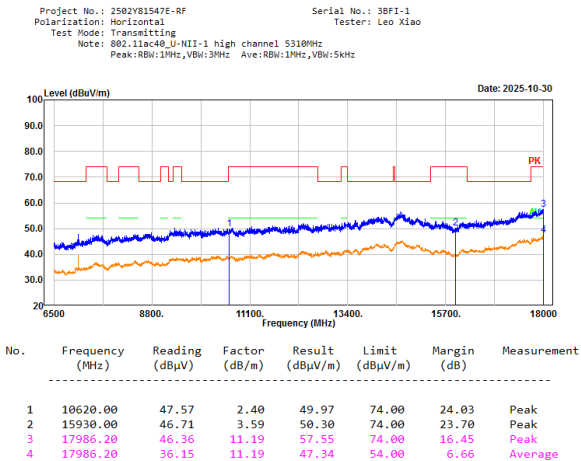
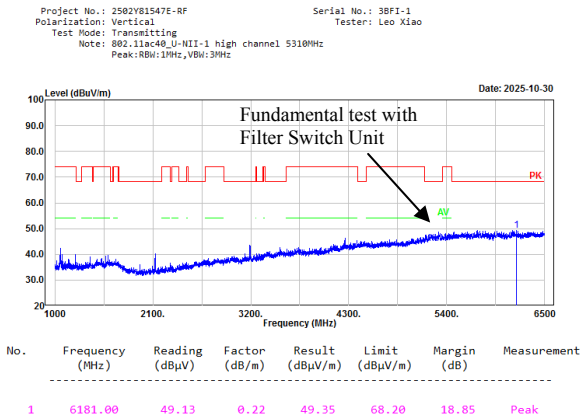
802.11ac40, Low Channel, Vertical



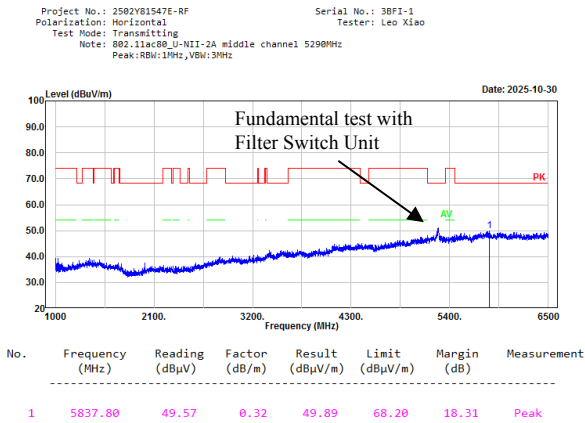
802.11ac40, High Channel, Horizontal



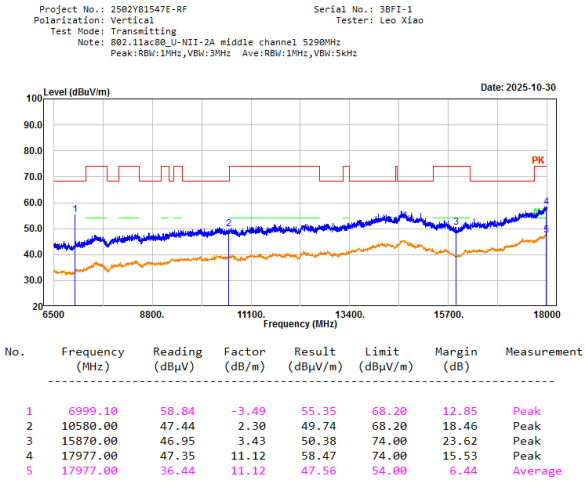
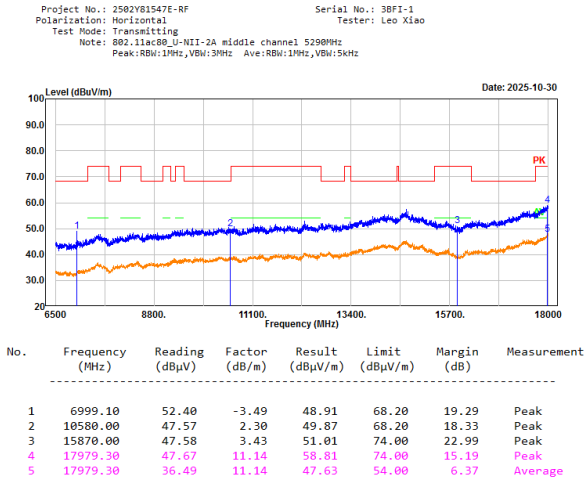
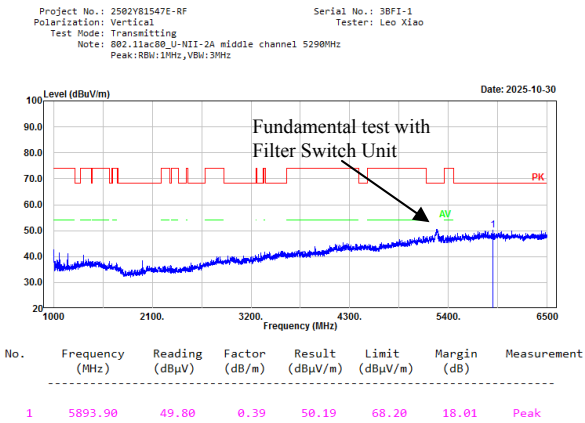
802.11ac40, High Channel, Vertical



802.11ac80, Middle Channel, Horizontal

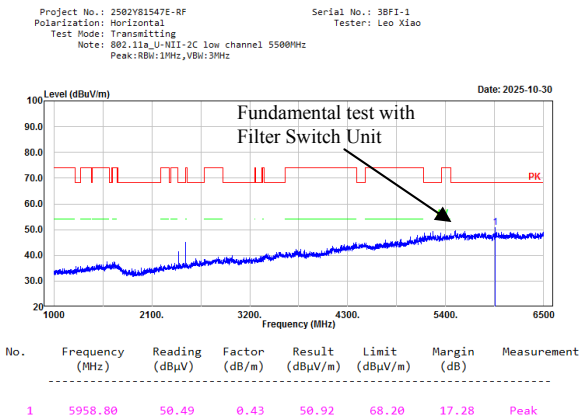


802.11ac80, Middle Channel, Vertical

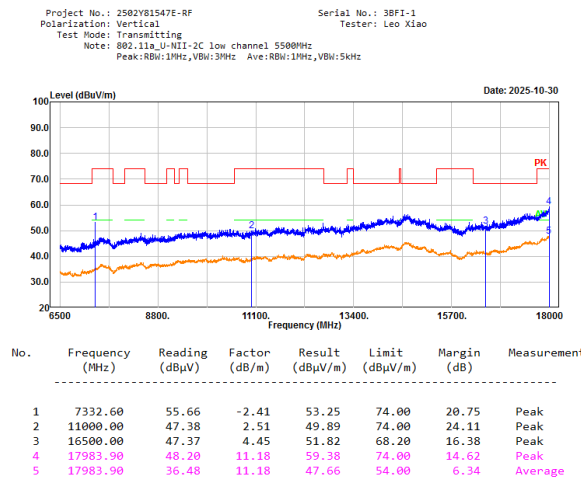
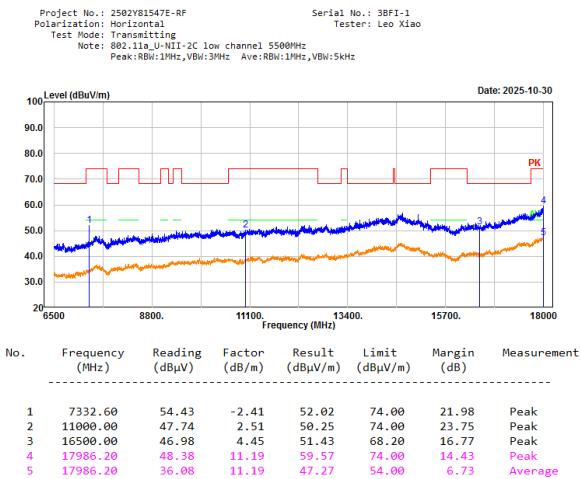
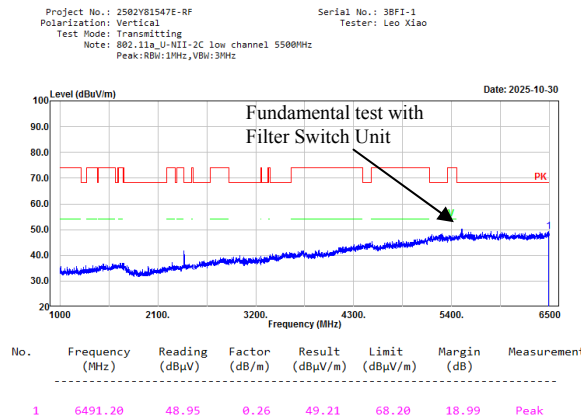


5470-5725MHz:

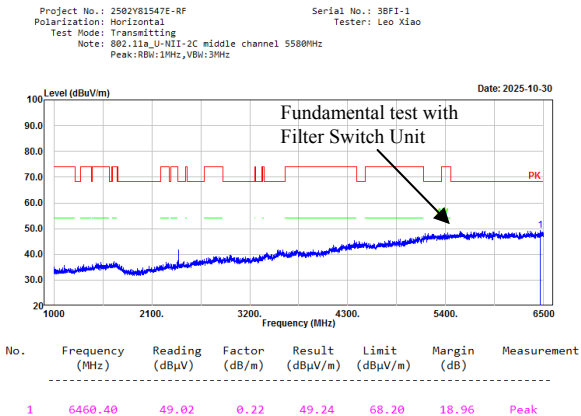
802.11a, Low Channel, Horizontal



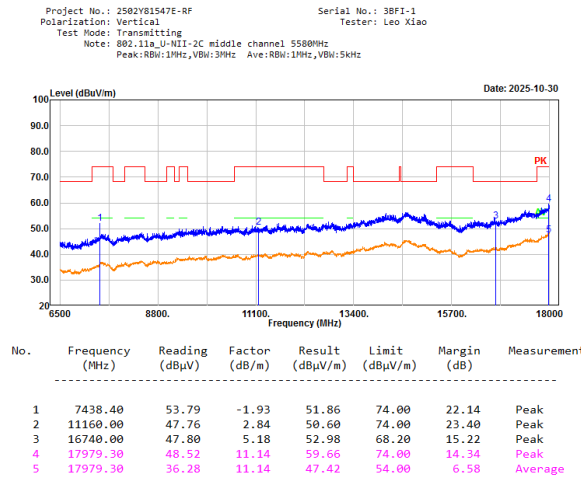
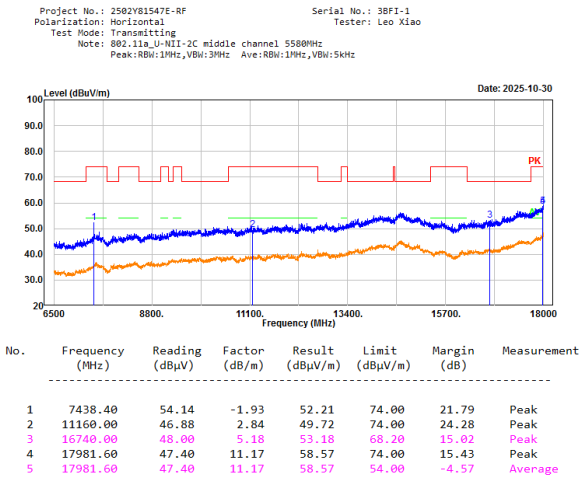
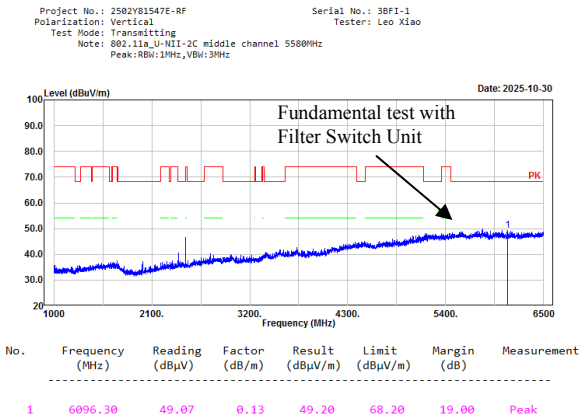
802.11a, Low Channel, Vertical



802.11a, Middle Channel, Horizontal



802.11a, Middle Channel, Vertical



802.11a, High Channel, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2C high channel 5700MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

Level (dBuV/m)

Fundamental test with Filter Switch Unit

PK

AV

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6362.50	49.28	0.29	49.57	68.20	18.63	Peak

802.11a, High Channel, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2C high channel 5700MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

Level (dBuV/m)

Fundamental test with Filter Switch Unit

PK

AV

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6355.90	49.41	0.29	49.70	68.20	18.50	Peak

802.11a, High Channel, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2C high channel 5700MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

Level (dBuV/m)

PK

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11400.00	46.12	3.47	49.59	74.00	24.41	Peak
2	17100.00	47.27	6.43	53.70	68.20	14.50	Peak
3	17977.00	47.83	11.12	58.95	74.00	15.05	Peak
4	17977.00	36.31	11.12	47.43	54.00	6.57	Average

802.11a, High Channel, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2C high channel 5700MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

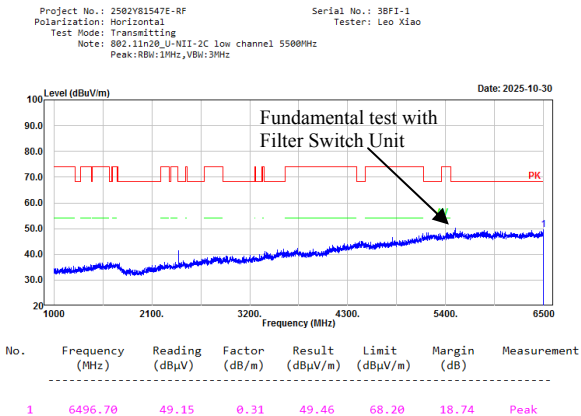
Level (dBuV/m)

PK

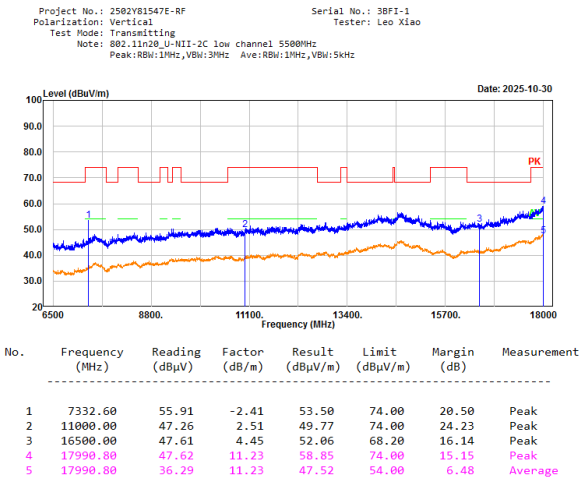
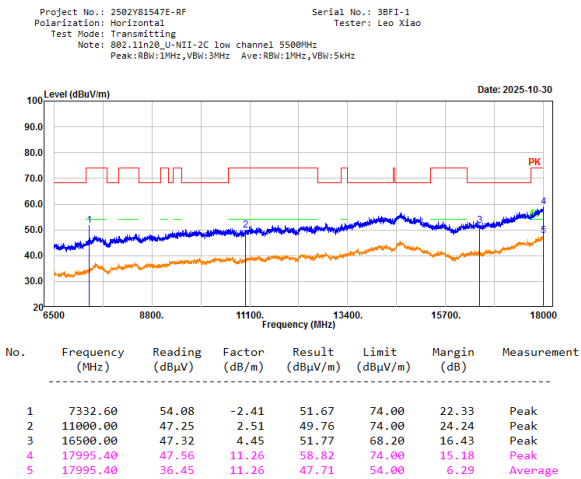
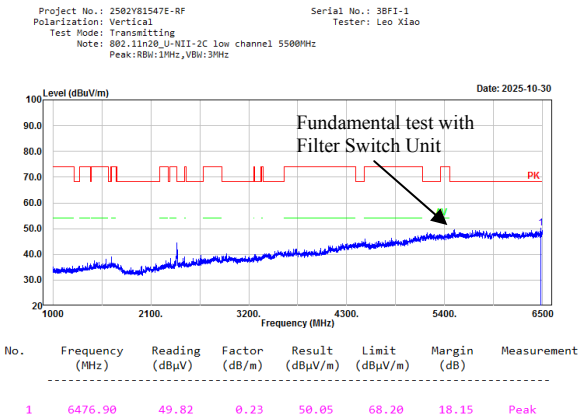
Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11400.00	45.63	3.47	49.10	74.00	24.90	Peak
2	17100.00	46.87	6.43	53.30	68.20	14.90	Peak
3	17995.40	47.56	11.26	58.82	74.00	15.18	Peak
4	17995.40	36.32	11.26	47.58	54.00	6.42	Average

802.11n20, Low Channel, Horizontal

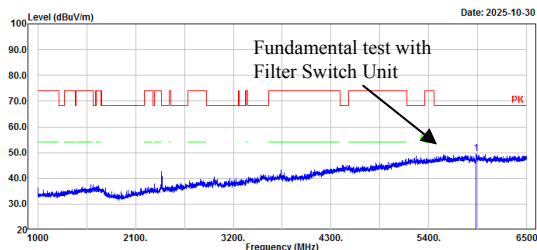


802.11n20, Low Channel, Vertical



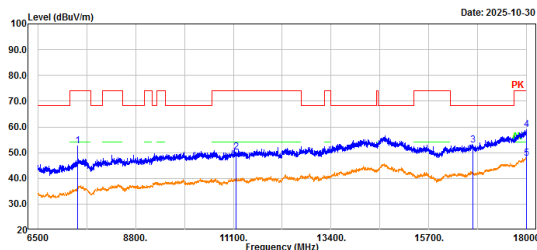
802.11n20, Middle Channel, , Vertical

Project No.: 2502Y81547E-RF Serial No.: 38FI-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C middle channel 5580MHz
Peak: RBW:1MHz, VBW:3MHz

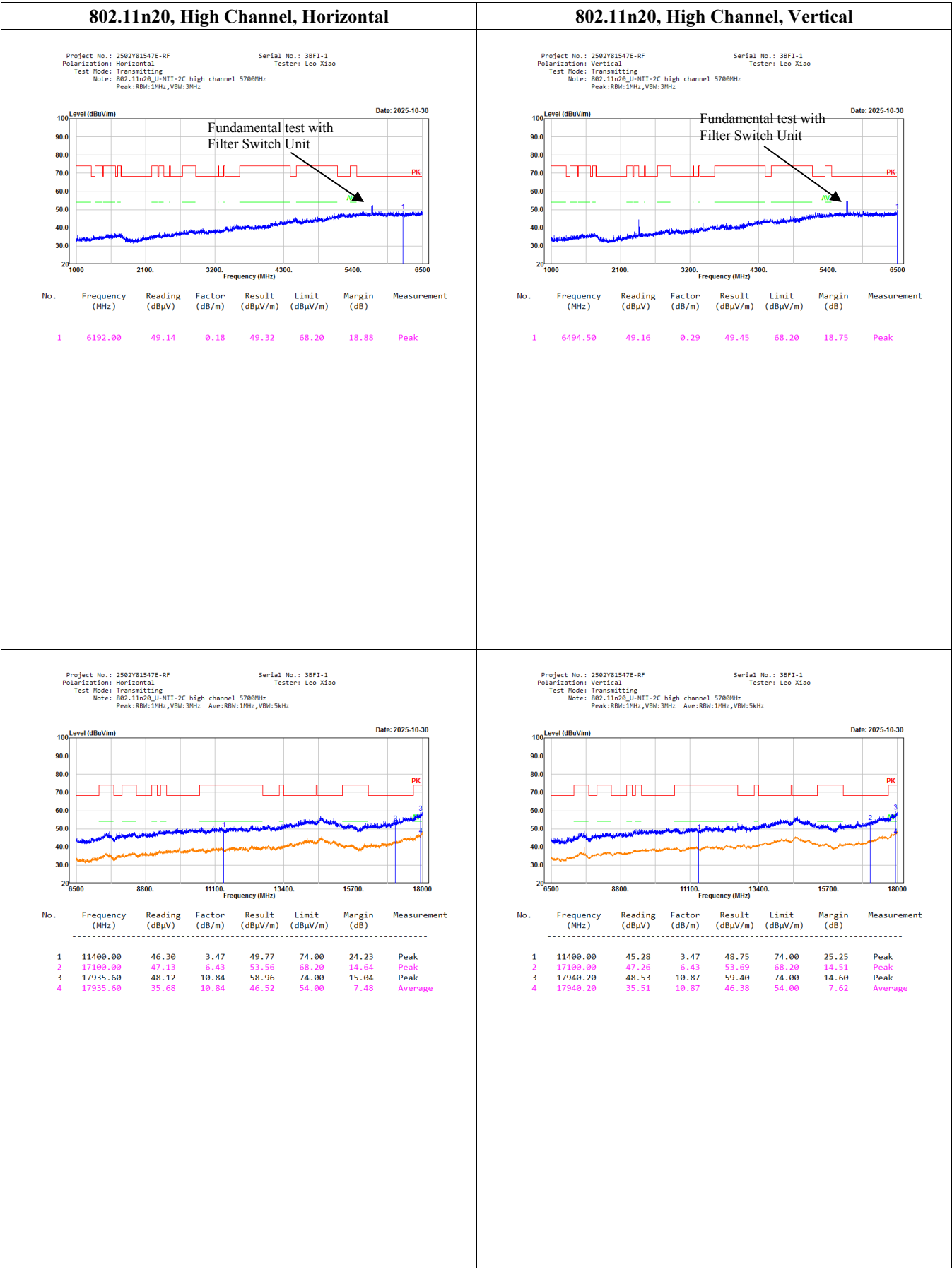


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	5932.40	49.23	0.41	49.64	68.20	18.56	Peak

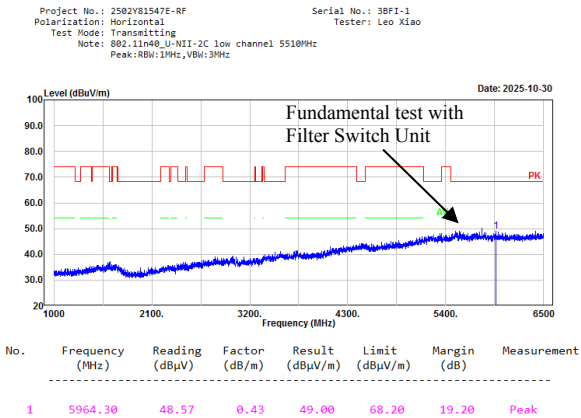
Project No.: 2502Y81547E-RF Serial No.: 3BFI-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C middle channel 5580MHz
Peak: RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



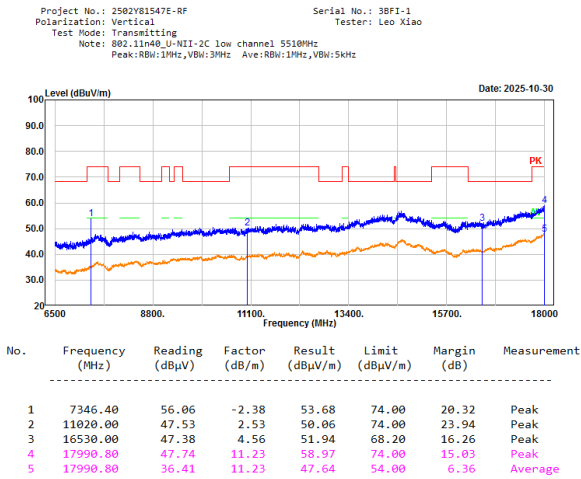
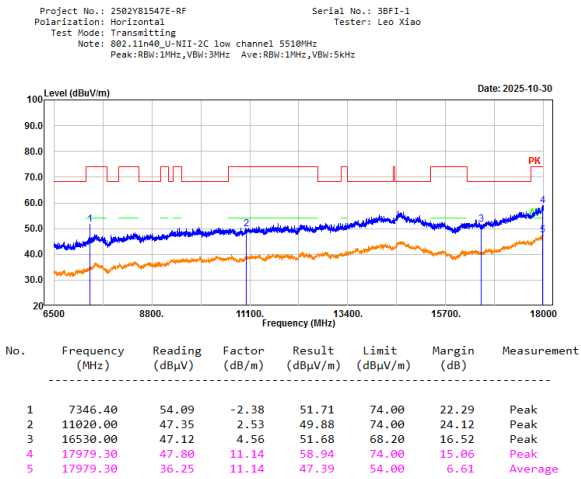
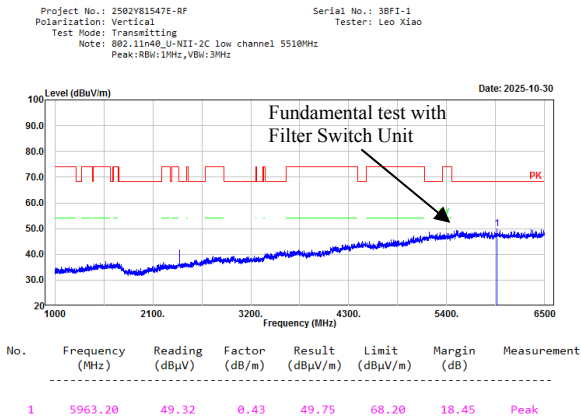
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	7438.440	54.60	-1.93	52.67	74.00	21.33	Peak
2	11645.000	47.48	2.84	50.33	74.00	23.67	Peak
3	16740.000	47.63	5.18	52.81	68.20	15.39	Peak
4	17990.880	47.86	11.23	59.09	74.00	14.91	Peak
5	17990.880	36.42	11.23	47.65	54.00	6.35	Average



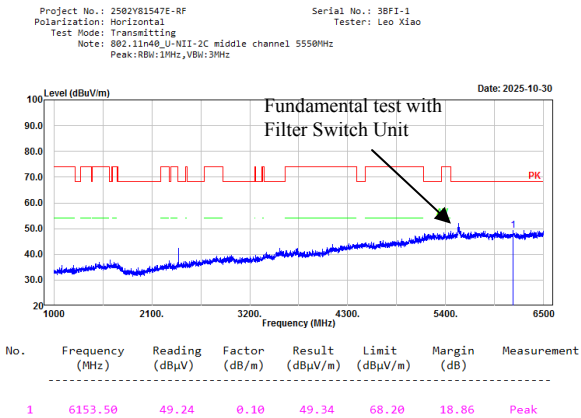
802.11n40, Low Channel, Horizontal



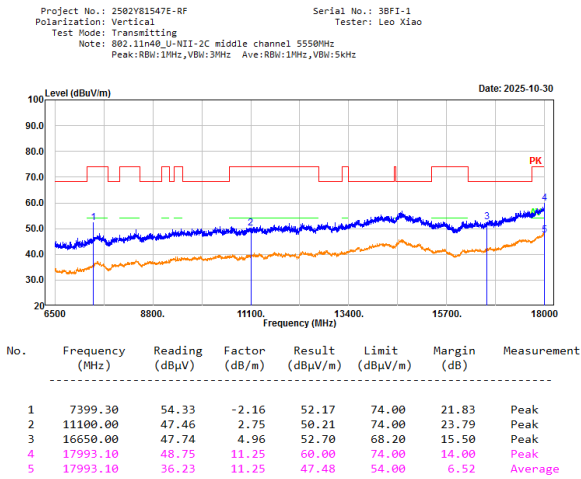
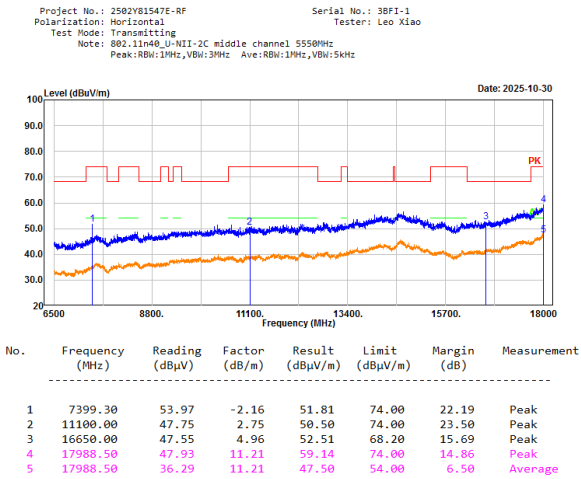
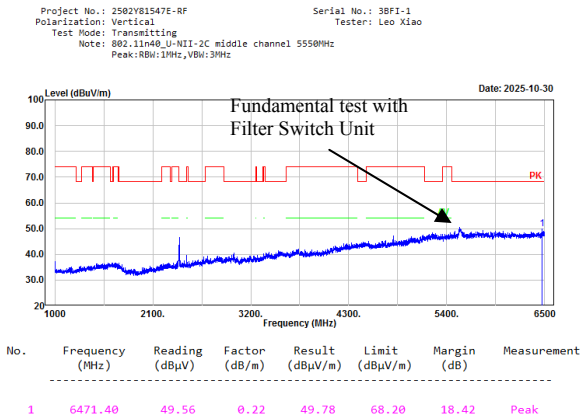
802.11n40, Low Channel, Vertical



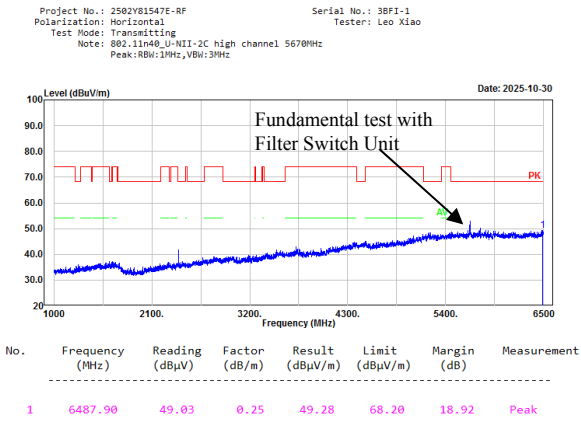
802.11n40, Middle Channel, Horizontal



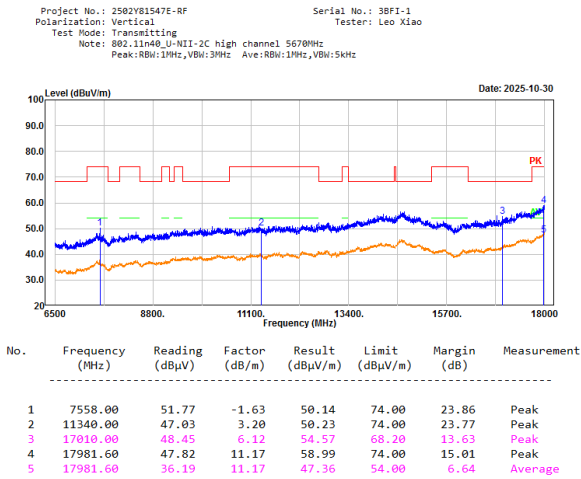
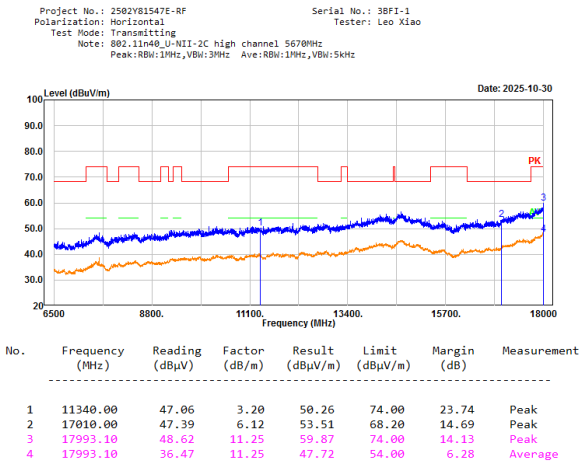
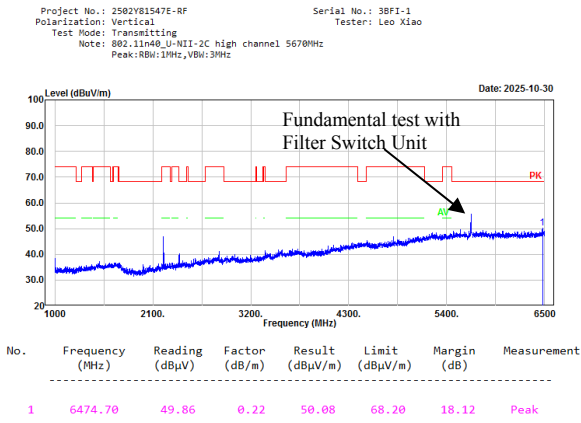
802.11n40, Middle Channel, Vertical

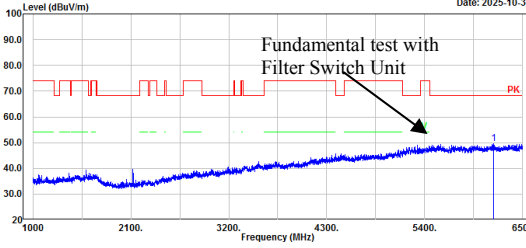


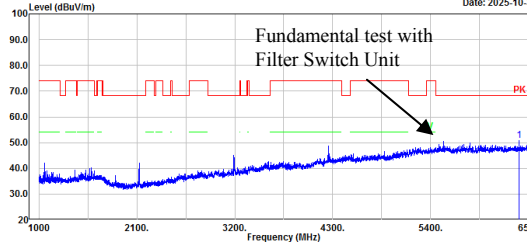
802.11n40, High Channel, Horizontal

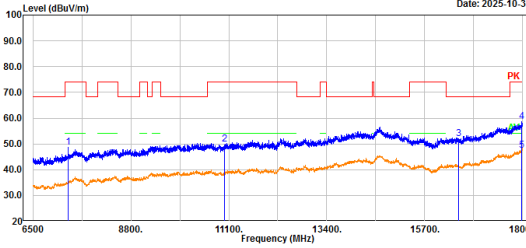


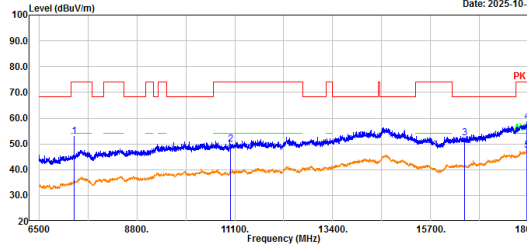
802.11n40, High Channel, Vertical

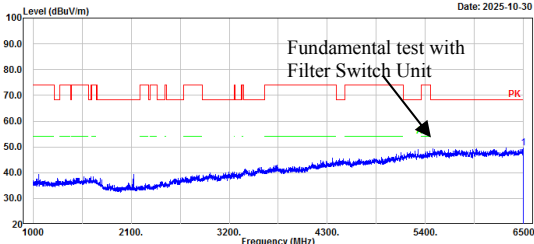
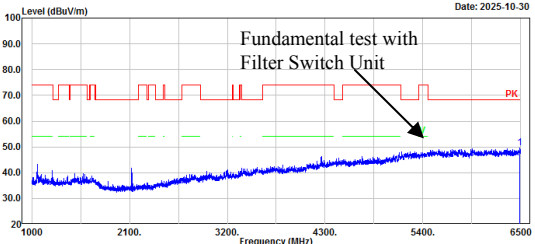


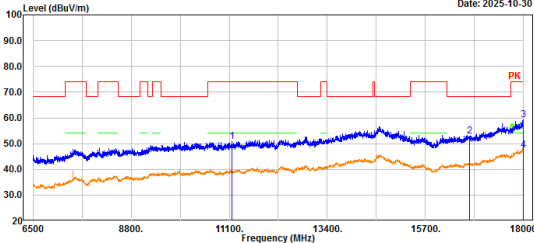
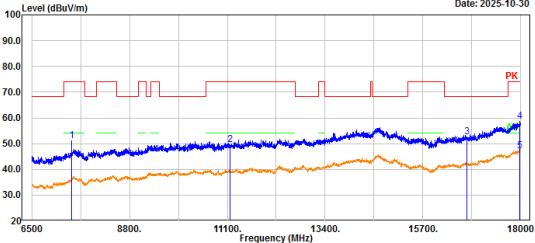
802.11ac20, Low Channel, Horizontal							
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-2C low channel 5500MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	6175.50	49.19	0.25	49.44	68.20	18.76	Peak

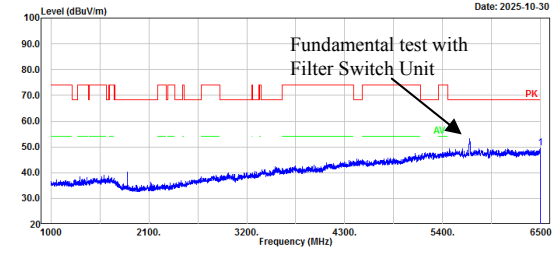
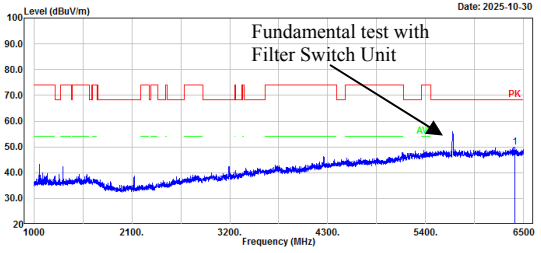
802.11ac20, Low Channel, Vertical							
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-2C low channel 5500MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	6388.90	50.51	0.18	50.69	68.20	17.51	Peak

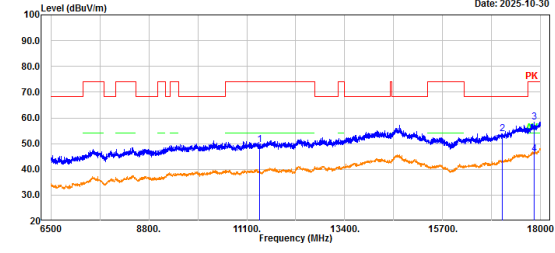
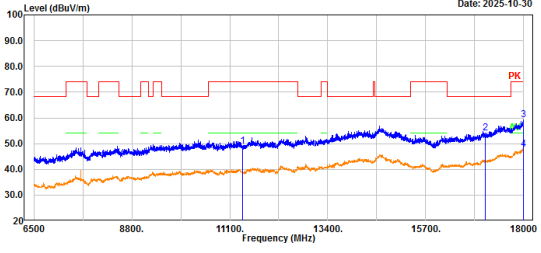
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-2C low channel 5500MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	7332.60	50.97	-2.41	48.56	74.00	25.44	Peak
2	11000.00	47.29	2.51	49.80	74.00	24.20	Peak
3	16500.00	47.45	4.45	51.90	68.20	16.30	Peak
4	17967.80	47.45	11.06	58.51	74.00	15.49	Peak
5	17967.80	36.26	11.06	47.32	54.00	6.68	Average

Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-2C low channel 5500MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	7332.60	55.24	-2.41	52.83	74.00	21.17	Peak
2	11000.00	47.42	2.51	49.93	74.00	24.07	Peak
3	16500.00	47.89	4.45	52.34	68.20	15.86	Peak
4	17960.90	47.48	11.02	58.50	74.00	15.50	Peak
5	17960.90	36.33	11.02	47.35	54.00	6.65	Average

802.11ac20, Middle Channel, Horizontal							802.11ac20, Middle Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-2C middle channel 5580MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-2C middle channel 5580MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao				
															
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6494.50	49.38	0.29	49.67	68.20	18.53	Peak	1	6489.00	49.45	0.26	49.71	68.20	18.49	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-2C middle channel 5580MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-2C middle channel 5580MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao				
															
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11160.00	47.87	2.84	50.71	74.00	23.29	Peak	1	7438.40	53.14	-1.93	51.21	74.00	22.79	Peak
2	16740.00	47.64	5.18	52.82	68.20	15.38	Peak	2	11160.00	46.60	2.84	49.44	74.00	24.56	Peak
3	17990.80	48.17	11.23	59.40	74.00	14.60	Peak	3	16740.00	47.32	5.18	52.50	68.20	15.70	Peak
4	17990.80	36.38	11.23	47.61	54.00	6.39	Average	4	17972.40	47.66	11.09	58.75	74.00	15.25	Peak
								5	17972.40	36.05	11.09	47.14	54.00	6.86	Average

802.11ac20, High Channel, Horizontal							802.11ac20, High Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-2C high channel 5700MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-2C high channel 5700MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao				
															
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6498.90	49.22	0.33	49.55	68.20	18.65	Peak	1	6399.90	49.64	0.21	49.85	68.20	18.35	Peak

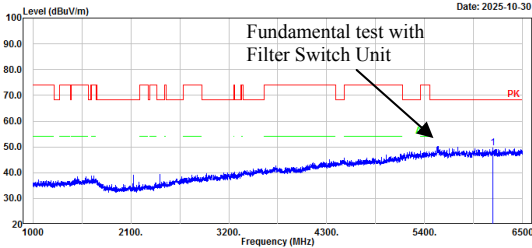
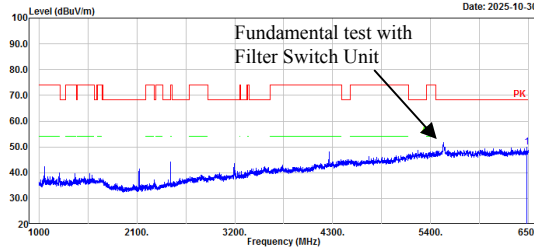
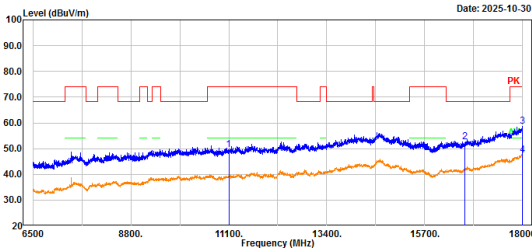
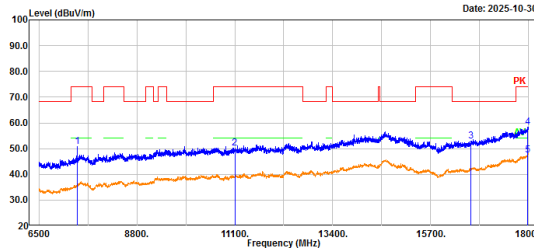
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-2C high channel 5700MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-2C high channel 5700MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao				
															
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11400.00	46.17	3.47	49.64	74.00	24.36	Peak	1	11400.00	45.64	3.47	49.11	74.00	24.89	Peak
2	17100.00	47.26	6.43	53.69	68.20	14.51	Peak	2	17100.00	47.70	6.43	54.13	68.20	14.07	Peak
3	17845.90	48.36	10.10	58.46	74.00	15.54	Peak	3	17995.40	48.11	11.26	59.37	74.00	14.63	Peak
4	17845.90	35.87	10.10	45.97	54.00	8.03	Average	4	17995.40	36.45	11.26	47.71	54.00	6.29	Average

802.11ac40, Low Channel, Horizontal				802.11ac40, Low Channel, Vertical			
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac40_U-NII-2C low channel 5510MHz Peak:RBW:1MHz,VBW:3MHz				Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac40_U-NII-2C low channel 5510MHz Peak:RBW:1MHz,VBW:3MHz			
Serial No.: 38FI-1 Tester: Leo Xiao				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30				Date: 2025-10-30			
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6493.40	48.83	0.27	49.10	68.20	19.10	Peak

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5941.20	49.62	0.42	50.04	68.20	18.16	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac40_U-NII-2C low channel 5510MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac40_U-NII-2C low channel 5510MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz			
Serial No.: 38FI-1 Tester: Leo Xiao				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30				Date: 2025-10-30			
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11020.00	47.24	2.53	49.77	74.00	24.23	Peak
2	16530.00	47.66	4.56	52.22	68.20	15.98	Peak
3	17965.50	47.71	11.05	58.76	74.00	15.24	Peak
4	17965.50	36.20	11.05	47.25	54.00	6.75	Average

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7346.40	55.12	-2.38	52.74	74.00	21.26	Peak
2	11020.00	47.20	2.53	49.73	74.00	24.27	Peak
3	16530.00	47.15	4.56	51.71	68.20	16.49	Peak
4	17986.20	47.91	11.19	59.10	74.00	14.90	Peak
5	17986.20	36.40	11.19	47.59	54.00	6.41	Average

802.11ac40, Middle Channel, Horizontal							802.11ac40, Middle Channel, Vertical																																																																																														
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac40_U-NII-2C middle channel 5550MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac40_U-NII-2C middle channel 5550MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao																																																																																										
Level (dBuV/m) Fundamental test with Filter Switch Unit  <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>6165.60</td><td>49.50</td><td>0.18</td><td>49.68</td><td>68.20</td><td>18.52</td><td>Peak</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	6165.60	49.50	0.18	49.68	68.20	18.52	Peak	Level (dBuV/m) Fundamental test with Filter Switch Unit  <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>6475.80</td><td>49.63</td><td>0.23</td><td>49.86</td><td>68.20</td><td>18.34</td><td>Peak</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	6475.80	49.63	0.23	49.86	68.20	18.34	Peak																																																								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																														
1	6165.60	49.50	0.18	49.68	68.20	18.52	Peak																																																																																														
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																														
1	6475.80	49.63	0.23	49.86	68.20	18.34	Peak																																																																																														
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac40_U-NII-2C middle channel 5550MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Serial No.: 38FI-1 Tester: Leo Xiao Date: 2025-10-30 Level (dBuV/m)  <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>11100.00</td><td>46.85</td><td>2.75</td><td>49.60</td><td>74.00</td><td>24.40</td><td>Peak</td></tr><tr><td>2</td><td>16650.00</td><td>47.52</td><td>4.96</td><td>52.48</td><td>68.20</td><td>15.72</td><td>Peak</td></tr><tr><td>3</td><td>17993.10</td><td>47.39</td><td>11.25</td><td>58.64</td><td>74.00</td><td>15.36</td><td>Peak</td></tr><tr><td>4</td><td>17993.10</td><td>36.14</td><td>11.25</td><td>47.39</td><td>54.00</td><td>6.61</td><td>Average</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	11100.00	46.85	2.75	49.60	74.00	24.40	Peak	2	16650.00	47.52	4.96	52.48	68.20	15.72	Peak	3	17993.10	47.39	11.25	58.64	74.00	15.36	Peak	4	17993.10	36.14	11.25	47.39	54.00	6.61	Average	Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac40_U-NII-2C middle channel 5550MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Serial No.: 38FI-1 Tester: Leo Xiao Date: 2025-10-30 Level (dBuV/m)  <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>7399.30</td><td>53.06</td><td>-2.16</td><td>50.90</td><td>74.00</td><td>23.10</td><td>Peak</td></tr><tr><td>2</td><td>11100.00</td><td>47.42</td><td>2.75</td><td>50.17</td><td>74.00</td><td>23.83</td><td>Peak</td></tr><tr><td>3</td><td>16650.00</td><td>48.07</td><td>4.96</td><td>53.03</td><td>68.20</td><td>15.17</td><td>Peak</td></tr><tr><td>4</td><td>17977.00</td><td>47.24</td><td>11.12</td><td>58.36</td><td>74.00</td><td>15.64</td><td>Peak</td></tr><tr><td>5</td><td>17977.00</td><td>36.35</td><td>11.12</td><td>47.47</td><td>54.00</td><td>6.53</td><td>Average</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	7399.30	53.06	-2.16	50.90	74.00	23.10	Peak	2	11100.00	47.42	2.75	50.17	74.00	23.83	Peak	3	16650.00	48.07	4.96	53.03	68.20	15.17	Peak	4	17977.00	47.24	11.12	58.36	74.00	15.64	Peak	5	17977.00	36.35	11.12	47.47	54.00	6.53	Average
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																														
1	11100.00	46.85	2.75	49.60	74.00	24.40	Peak																																																																																														
2	16650.00	47.52	4.96	52.48	68.20	15.72	Peak																																																																																														
3	17993.10	47.39	11.25	58.64	74.00	15.36	Peak																																																																																														
4	17993.10	36.14	11.25	47.39	54.00	6.61	Average																																																																																														
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																														
1	7399.30	53.06	-2.16	50.90	74.00	23.10	Peak																																																																																														
2	11100.00	47.42	2.75	50.17	74.00	23.83	Peak																																																																																														
3	16650.00	48.07	4.96	53.03	68.20	15.17	Peak																																																																																														
4	17977.00	47.24	11.12	58.36	74.00	15.64	Peak																																																																																														
5	17977.00	36.35	11.12	47.47	54.00	6.53	Average																																																																																														

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C high channel 5670MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

Fundamental test with Filter Switch Unit

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6473.60	50.30	0.22	50.52	68.20	17.68	Peak

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C high channel 5670MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

Fundamental test with Filter Switch Unit

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6132.60	49.41	0.09	49.50	68.20	18.70	Peak

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C high channel 5670MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11340.00	47.93	3.20	51.13	74.00	22.87	Peak
2	17010.00	48.23	6.12	54.35	68.20	13.85	Peak
3	17990.80	48.49	11.23	59.72	74.00	14.28	Peak
4	17990.80	36.46	11.23	47.69	54.00	6.31	Average

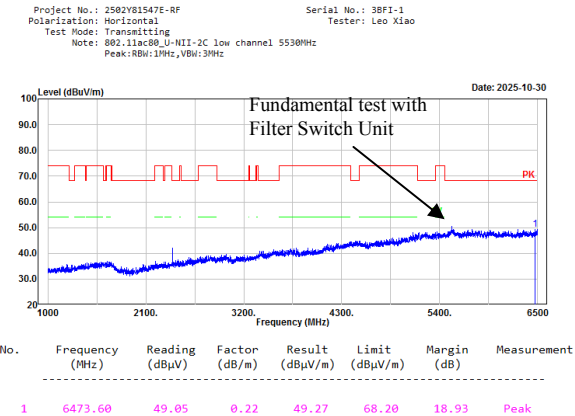
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C high channel 5670MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

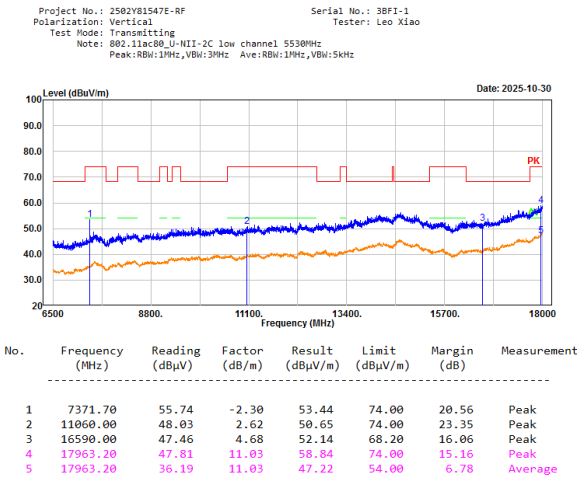
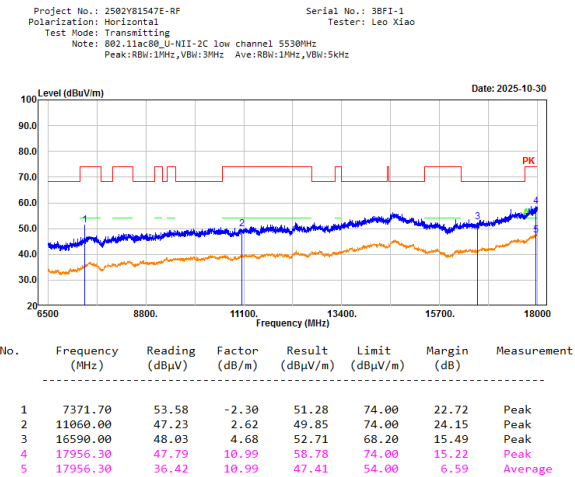
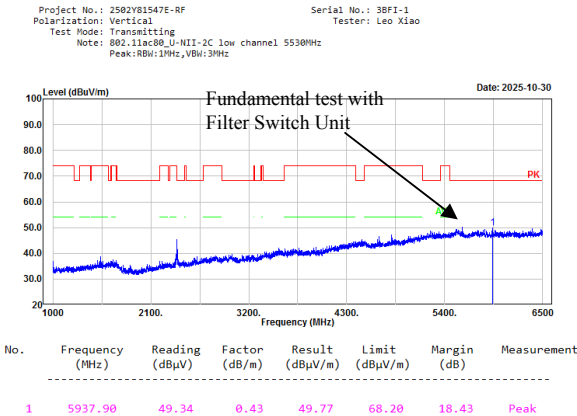
Date: 2025-10-30

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	7560.30	51.20	-1.63	49.57	74.00	24.43	Peak
2	11340.00	46.83	3.20	50.03	74.00	23.97	Peak
3	17010.00	47.06	6.12	53.18	68.20	15.02	Peak
4	17983.90	47.32	11.18	58.50	74.00	15.50	Peak
5	17983.90	36.46	11.18	47.64	54.00	6.36	Average

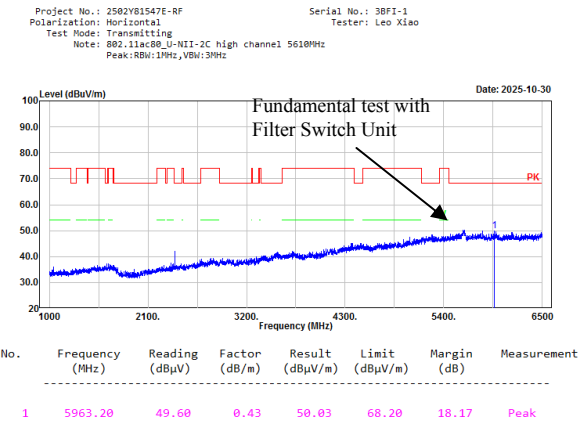
802.11ac80, Low Channel, 5530MHz, Horizontal



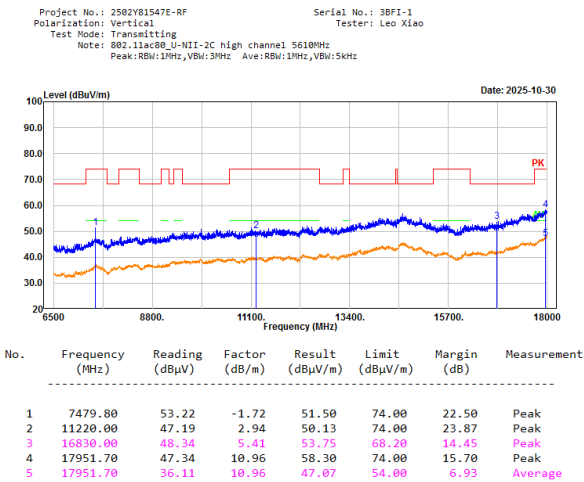
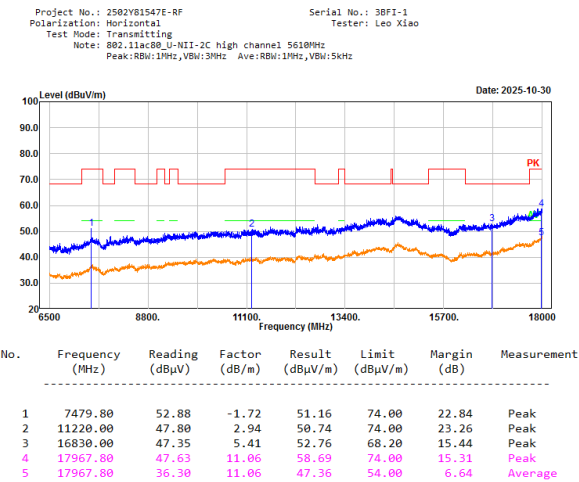
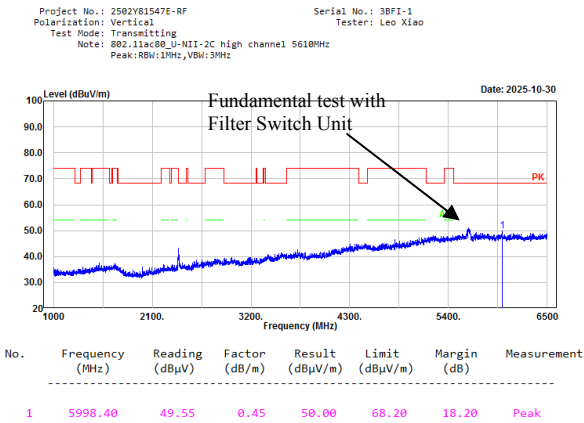
802.11ac80, Low Channel, 5530MHz, Vertical



802.11ac80, High Channel, 5610MHz, Horizontal

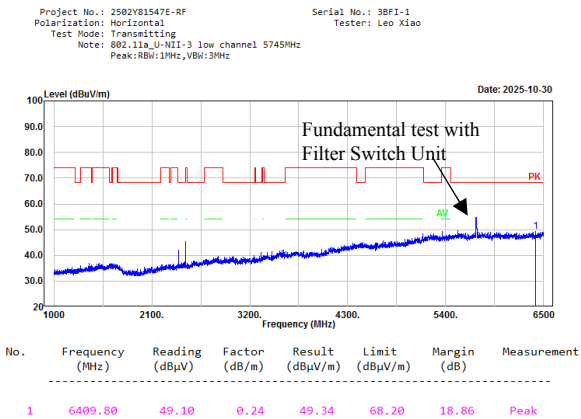


802.11ac80, High Channel, 5610MHz, Vertical

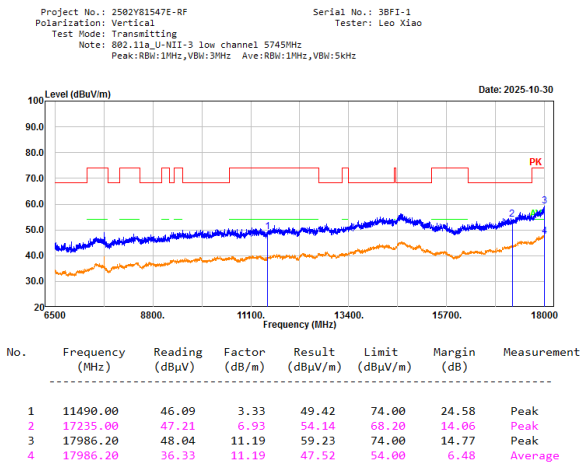
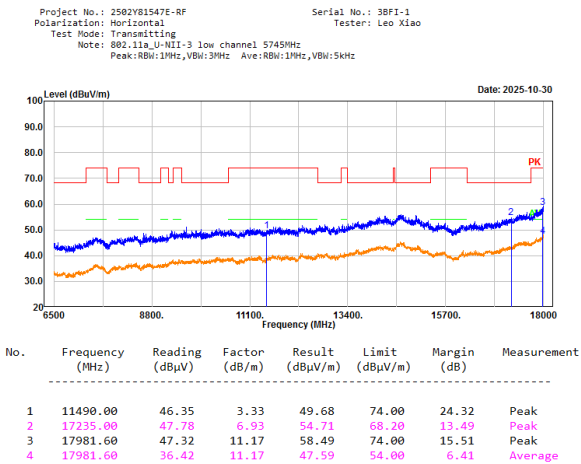
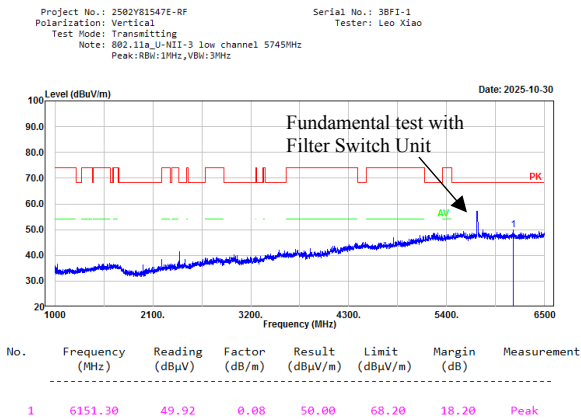


5725-5850MHz:

802.11a, Low Channel, Horizontal



802.11a, Low Channel, Vertical

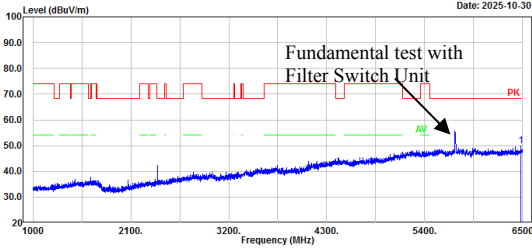


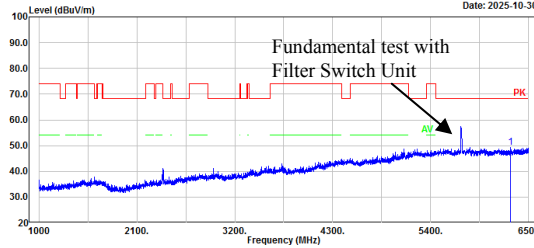
802.11a, Middle Channel, Horizontal							802.11a, Middle Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao				
Level (dBuV/m) Fundamental test with Filter Switch Unit 100021003200430054006500 1009080706050403020 PK AV							Level (dBuV/m) Fundamental test with Filter Switch Unit 100021003200430054006500 1009080706050403020 PK AV								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5964.30	48.90	0.43	49.33	68.20	18.87	Peak	1	6028.10	48.88	0.45	49.33	68.20	18.87	Peak

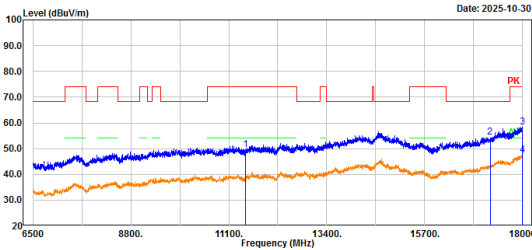
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao				
Level (dBuV/m) 6500880011100134001570018000 1009080706050403020 PK 2 3							Level (dBuV/m) 6500880011100134001570018000 1009080706050403020 PK 2 3								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11570.00	46.50	3.31	49.81	74.00	24.19	Peak	1	11570.00	46.72	3.31	50.03	74.00	23.97	Peak
2	17355.00	49.07	7.10	56.17	68.20	12.03	Peak	2	17355.00	46.86	7.10	53.96	68.20	14.24	Peak
3	17995.40	48.22	11.26	59.48	74.00	14.52	Peak	3	17967.80	47.56	11.06	58.62	74.00	15.38	Peak
4	17995.40	36.27	11.26	47.53	54.00	6.47	Average	4	17967.80	36.39	11.06	47.45	54.00	6.55	Average

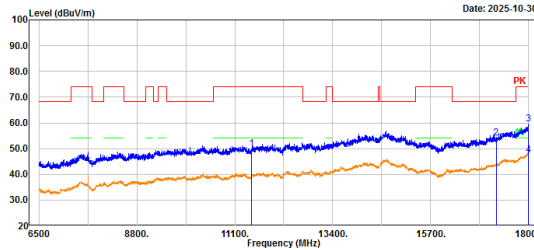
802.11a, High Channel, Horizontal							802.11a, High Channel, Vertical								
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-3 high channel 5825MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-3 high channel 5825MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao				
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6150.20	49.25	0.08	49.33	68.20	18.87	Peak	1	6142.50	49.45	0.07	49.52	68.20	18.68	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11a_U-NII-3 high channel 5825MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11a_U-NII-3 high channel 5825MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao				
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11650.00	47.45	3.38	50.83	74.00	23.17	Peak	1	11650.00	47.43	3.38	50.81	74.00	23.19	Peak
2	17475.00	47.53	7.80	55.33	68.20	12.87	Peak	2	17475.00	47.85	7.80	55.65	68.20	12.55	Peak
3	17988.50	47.57	11.21	58.78	74.00	15.22	Peak	3	17990.80	48.20	11.23	59.43	74.00	14.57	Peak
4	17988.50	36.47	11.21	47.68	54.00	6.32	Average	4	17990.80	36.37	11.23	47.60	54.00	6.40	Average

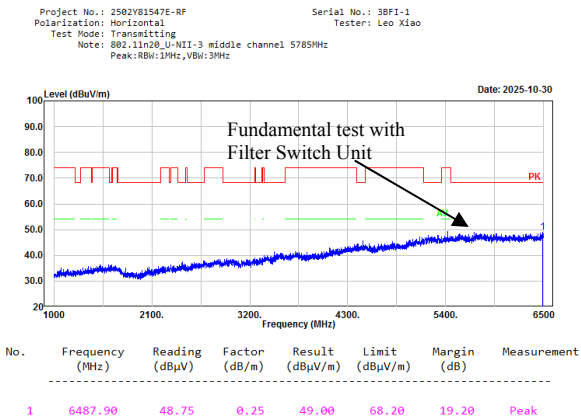
802.11n20, Low Channel, Horizontal						
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz		Serial No.: 38FI-1 Tester: Leo Xiao				
Date: 2025-10-30						
						
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Measurement
1	6481.30	49.53	0.24	49.77	68.20	18.43 Peak

802.11n20, Low Channel, Vertical						
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz		Serial No.: 38FI-1 Tester: Leo Xiao				
Date: 2025-10-30						
						
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Measurement
1	6296.50	49.01	0.21	49.22	68.20	18.98 Peak

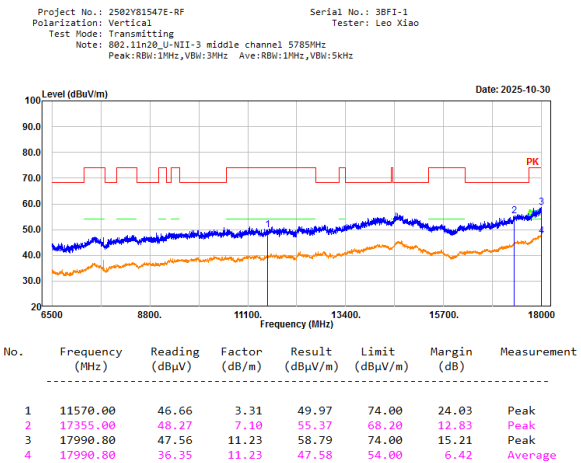
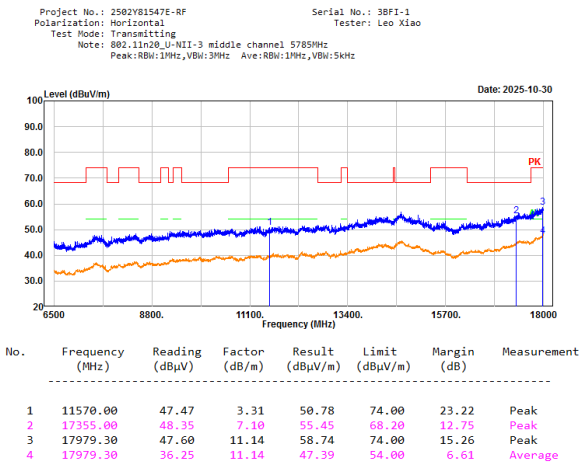
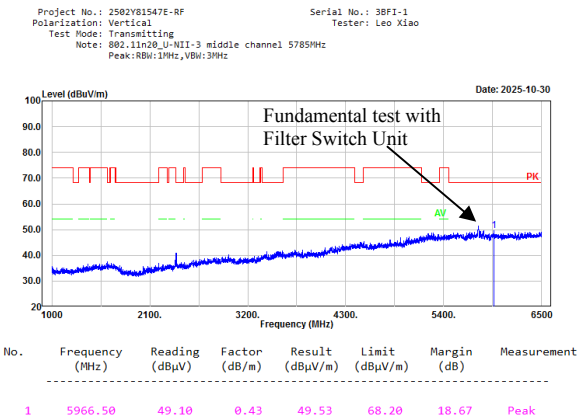
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz		Serial No.: 38FI-1 Tester: Leo Xiao				
Date: 2025-10-30						
						
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Measurement
1	11490.00	46.35	3.33	49.68	74.00	24.32 Peak
2	17235.00	47.60	6.93	54.53	68.20	13.67 Peak
3	17988.50	47.18	11.21	58.39	74.00	15.61 Peak
4	17988.50	36.39	11.21	47.60	54.00	6.40 Average

Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz		Serial No.: 38FI-1 Tester: Leo Xiao				
Date: 2025-10-30						
						
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Measurement
1	11490.00	46.51	3.33	49.84	74.00	24.16 Peak
2	17235.00	47.23	6.93	54.16	68.20	14.04 Peak
3	17993.10	48.44	11.25	59.69	74.00	14.31 Peak
4	17993.10	36.16	11.25	47.41	54.00	6.59 Average

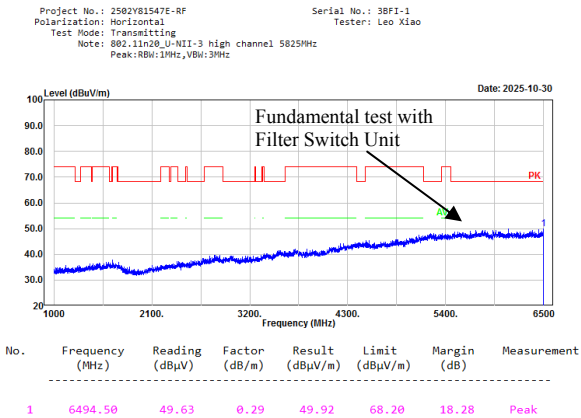
802.11n20, Middle Channel, Horizontal



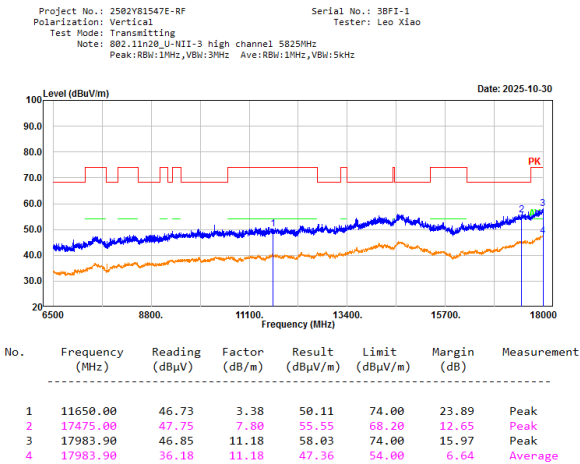
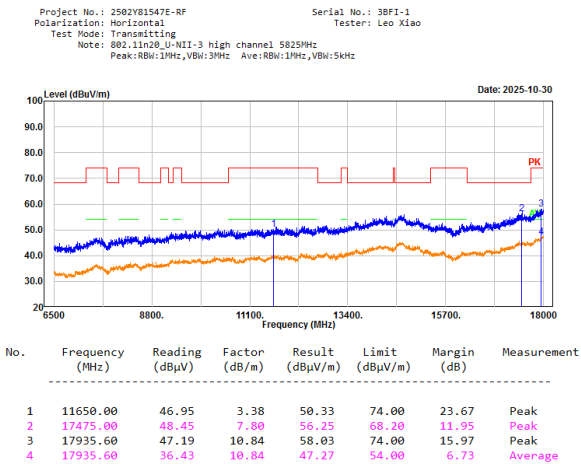
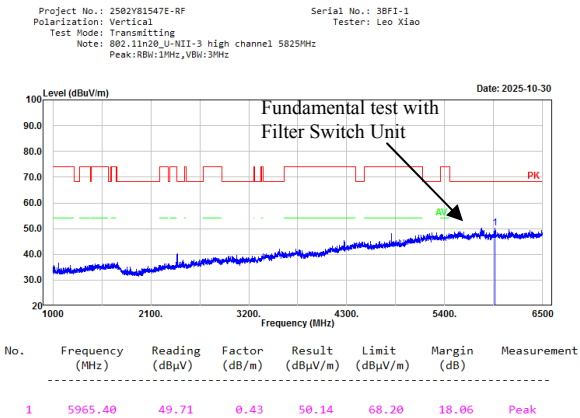
802.11n20, Middle Channel, Vertical



802.11n20, High Channel, Horizontal



802.11n20, High Channel, Vertical



802.11n40, Low Channel, Horizontal

Project No.: 2502Y81547E-RF

Serial No.: 38FI-1

Polarization: Horizontal

Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n40_U-NII-3 low channel 5755MHz

Peak:RBW:1MHz,VBW:3MHz

Level (dBuV/m)

Fundamental test with Filter Switch Unit

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6328.40	49.27	0.22	49.49	68.20	18.71	Peak

802.11n40, Low Channel, Vertical

Project No.: 2502Y81547E-RF

Serial No.: 38FI-1

Polarization: Vertical

Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n40_U-NII-3 low channel 5755MHz

Peak:RBW:1MHz,VBW:3MHz

Level (dBuV/m)

Fundamental test with Filter Switch Unit

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	6492.30	50.05	0.26	50.31	68.20	17.89	Peak

Project No.: 2502Y81547E-RF

Serial No.: 38FI-1

Polarization: Horizontal

Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n40_U-NII-3 low channel 5755MHz

Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Level (dBuV/m)

Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11510.00	46.68	3.33	50.01	74.00	23.99	Peak
2	17265.00	47.58	6.96	54.54	68.20	13.66	Peak
3	17956.30	48.01	10.99	59.00	74.00	15.00	Peak
4	17956.30	36.49	10.99	47.48	54.00	6.52	Average

Project No.: 2502Y81547E-RF

Serial No.: 38FI-1

Polarization: Vertical

Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n40_U-NII-3 low channel 5755MHz

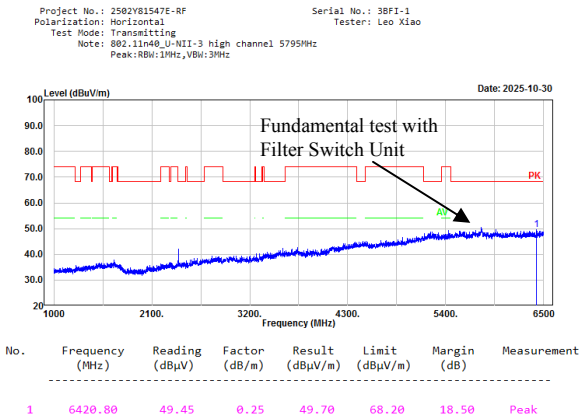
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Level (dBuV/m)

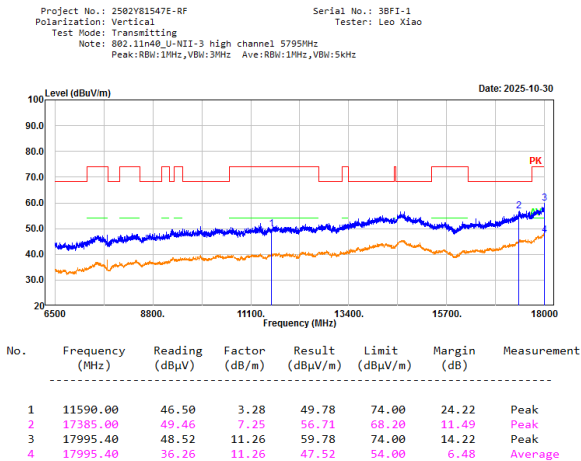
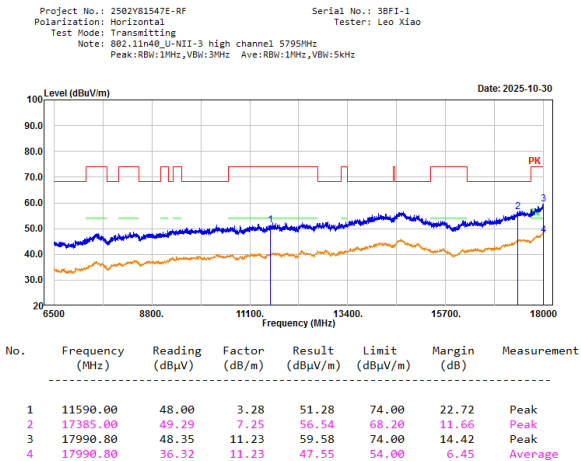
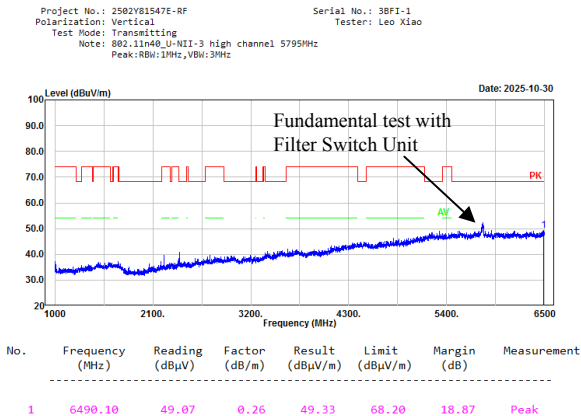
Frequency (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11510.00	47.06	3.33	50.39	74.00	23.61	Peak
2	17265.00	47.47	6.96	54.43	68.20	13.77	Peak
3	17986.20	47.58	11.19	58.77	74.00	15.23	Peak
4	17986.20	36.42	11.19	47.61	54.00	6.39	Average

802.11n40, High Channel, Horizontal



802.11n40, High Channel, Vertical



802.11ac20, Low Channel, Horizontal							
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5961.00	49.07	0.43	49.50	68.20	18.70	Peak

802.11ac20, Low Channel, Vertical							
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5965.40	49.21	0.43	49.64	68.20	18.56	Peak

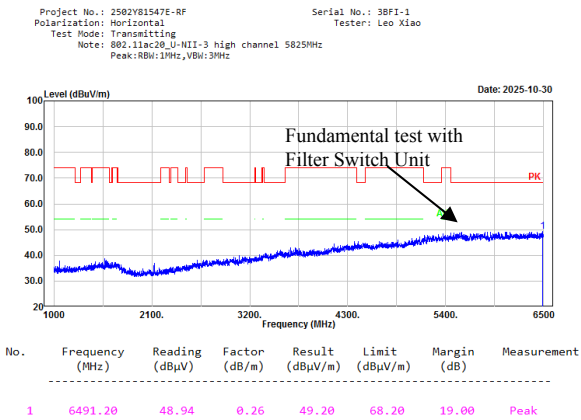
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ac20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11490.00	46.65	3.33	49.98	74.00	24.02	Peak
2	17235.00	47.08	6.93	54.01	68.20	14.19	Peak
3	17887.30	48.01	10.48	58.49	74.00	15.51	Peak
4	17887.30	36.47	10.48	46.95	54.00	7.05	Average

Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ac20_U-NII-3 low channel 5745MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz				Serial No.: 38FI-1 Tester: Leo Xiao			
Date: 2025-10-30							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11490.00	46.68	3.33	50.01	74.00	23.99	Peak
2	17235.00	47.39	6.93	54.32	68.20	13.88	Peak
3	17931.00	48.24	10.80	59.04	74.00	14.96	Peak
4	17931.00	36.39	10.80	47.19	54.00	6.81	Average

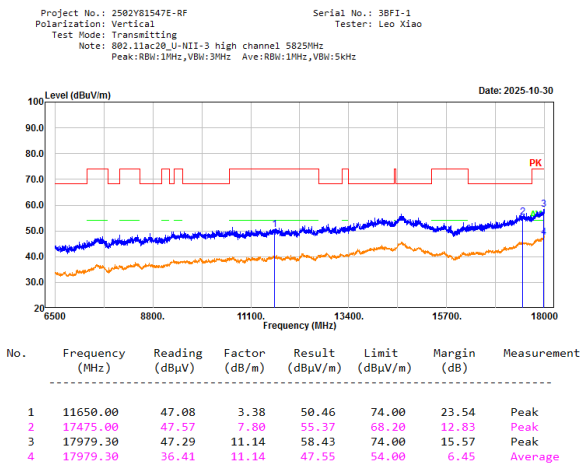
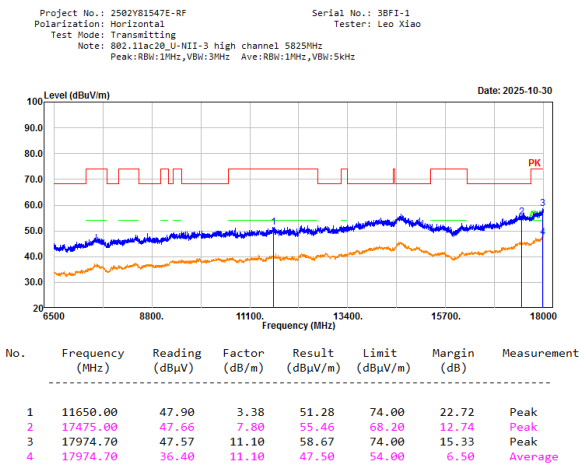
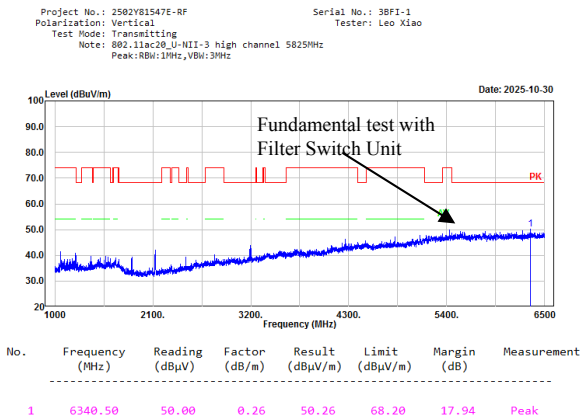
802.11ac20, Middle Channel, Horizontal				802.11ac20, Middle Channel, Vertical																																			
Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Horizontal Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac20_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz Level (dBuV/m) Frequency (MHz) Fundamental test with Filter Switch Unit PK AV 1 <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>5967.60</td><td>49.26</td><td>0.43</td><td>49.69</td><td>68.20</td><td>18.51</td><td>Peak</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	5967.60	49.26	0.43	49.69	68.20	18.51	Peak	Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Vertical Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac20_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz Level (dBuV/m) Frequency (MHz) Fundamental test with Filter Switch Unit PK AV 1 <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>6097.40</td><td>48.68</td><td>0.13</td><td>48.81</td><td>68.20</td><td>19.39</td><td>Peak</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	6097.40	48.68	0.13	48.81	68.20	19.39	Peak
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																
1	5967.60	49.26	0.43	49.69	68.20	18.51	Peak																																
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																
1	6097.40	48.68	0.13	48.81	68.20	19.39	Peak																																

Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Horizontal Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac20_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) Frequency (MHz) PK 2 3 <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>11570.00</td><td>46.47</td><td>3.31</td><td>49.78</td><td>74.00</td><td>24.22</td><td>Peak</td></tr><tr><td>2</td><td>17355.00</td><td>48.70</td><td>7.10</td><td>55.80</td><td>68.20</td><td>12.40</td><td>Peak</td></tr><tr><td>3</td><td>17816.00</td><td>48.42</td><td>9.85</td><td>58.27</td><td>74.00</td><td>15.73</td><td>Peak</td></tr><tr><td>4</td><td>17816.00</td><td>36.36</td><td>9.85</td><td>46.21</td><td>54.00</td><td>7.79</td><td>Average</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	11570.00	46.47	3.31	49.78	74.00	24.22	Peak	2	17355.00	48.70	7.10	55.80	68.20	12.40	Peak	3	17816.00	48.42	9.85	58.27	74.00	15.73	Peak	4	17816.00	36.36	9.85	46.21	54.00	7.79	Average	Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Vertical Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac20_U-NII-3 middle channel 5785MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) Frequency (MHz) PK 2 3 <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>11570.00</td><td>47.78</td><td>3.31</td><td>51.09</td><td>74.00</td><td>22.91</td><td>Peak</td></tr><tr><td>2</td><td>17355.00</td><td>48.43</td><td>7.10</td><td>55.53</td><td>68.20</td><td>12.67</td><td>Peak</td></tr><tr><td>3</td><td>17972.40</td><td>47.57</td><td>11.09</td><td>58.66</td><td>74.00</td><td>15.34</td><td>Peak</td></tr><tr><td>4</td><td>17972.40</td><td>36.44</td><td>11.09</td><td>47.53</td><td>54.00</td><td>6.47</td><td>Average</td></tr></table>				No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	11570.00	47.78	3.31	51.09	74.00	22.91	Peak	2	17355.00	48.43	7.10	55.53	68.20	12.67	Peak	3	17972.40	47.57	11.09	58.66	74.00	15.34	Peak	4	17972.40	36.44	11.09	47.53	54.00	6.47	Average
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																
1	11570.00	46.47	3.31	49.78	74.00	24.22	Peak																																																																																
2	17355.00	48.70	7.10	55.80	68.20	12.40	Peak																																																																																
3	17816.00	48.42	9.85	58.27	74.00	15.73	Peak																																																																																
4	17816.00	36.36	9.85	46.21	54.00	7.79	Average																																																																																
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																
1	11570.00	47.78	3.31	51.09	74.00	22.91	Peak																																																																																
2	17355.00	48.43	7.10	55.53	68.20	12.67	Peak																																																																																
3	17972.40	47.57	11.09	58.66	74.00	15.34	Peak																																																																																
4	17972.40	36.44	11.09	47.53	54.00	6.47	Average																																																																																

802.11ac20, High Channel, Horizontal

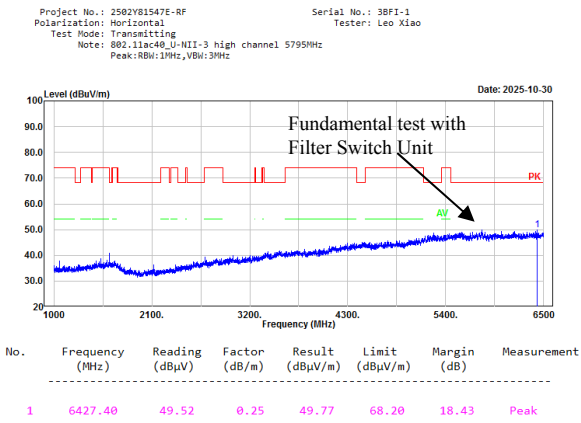


802.11ac20, High Channel, Vertical

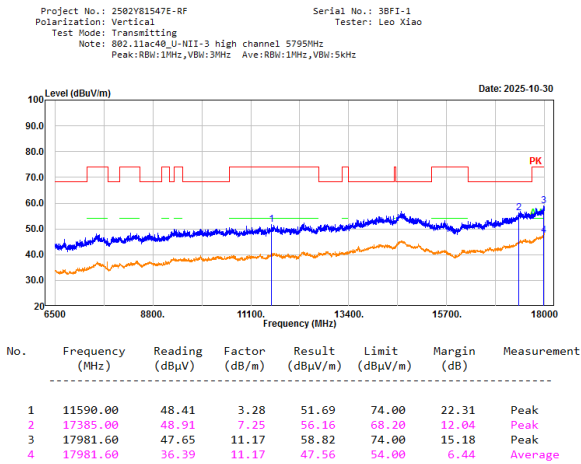
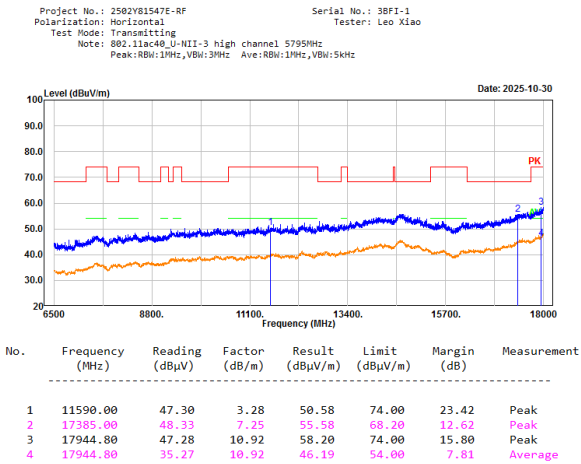
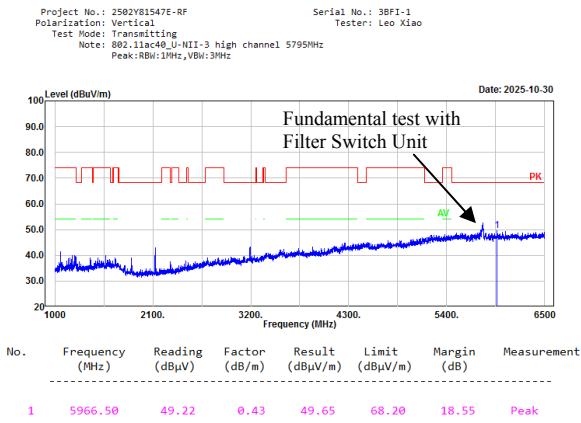


802.11ac40, Low Channel, Horizontal	802.11ac40, Low Channel, Vertical
Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Horizontal Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac40_U-NII-3 low channel 5755MHz Peak:RBW:1MHz,VBW:3MHz Level (dBuV/m) Fundamental test with Filter Switch Unit PK AV Frequency (MHz) 1 6481.30 49.54 0.24 49.78 68.20 18.42 Peak	Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Vertical Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac40_U-NII-3 low channel 5755MHz Peak:RBW:1MHz,VBW:3MHz Level (dBuV/m) Fundamental test with Filter Switch Unit PK AV Frequency (MHz) 1 6408.70 49.40 0.23 49.63 68.20 18.57 Peak
Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Horizontal Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac40_U-NII-3 low channel 5755MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) PK 3 Frequency (MHz) 1 11510.00 47.04 3.33 50.37 74.00 23.63 Peak 2 17265.00 48.22 6.96 55.18 68.20 13.02 Peak 3 17967.80 48.02 11.06 59.08 74.00 14.92 Peak 4 17967.80 36.34 11.06 47.40 54.00 6.60 Average	Project No.: 2502Y81547E-RF Serial No.: 38FI-1 Polarization: Vertical Tester: Leo Xiao Test Mode: Transmitting Note: 802.11ac40_U-NII-3 low channel 5755MHz Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) PK 3 Frequency (MHz) 1 11510.00 46.92 3.33 50.25 74.00 23.75 Peak 2 17265.00 47.32 6.96 54.28 68.20 13.92 Peak 3 17818.30 48.19 9.86 58.05 74.00 15.95 Peak 4 17818.30 36.20 9.86 46.06 54.00 7.94 Average

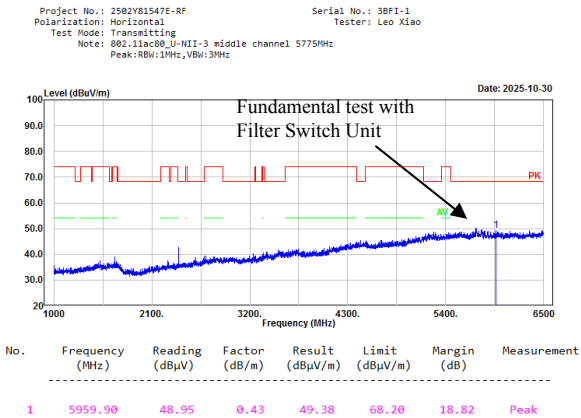
802.11ac40, High Channel, Horizontal



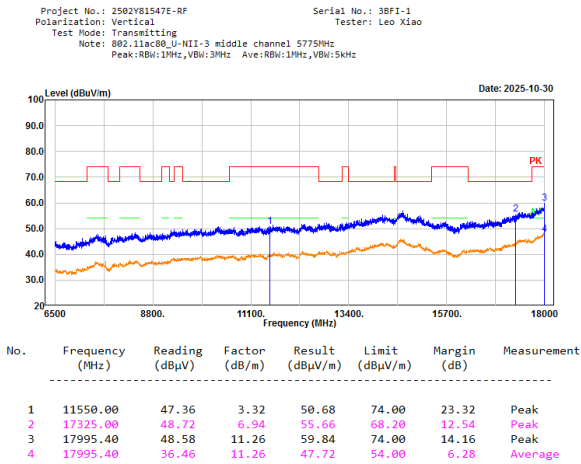
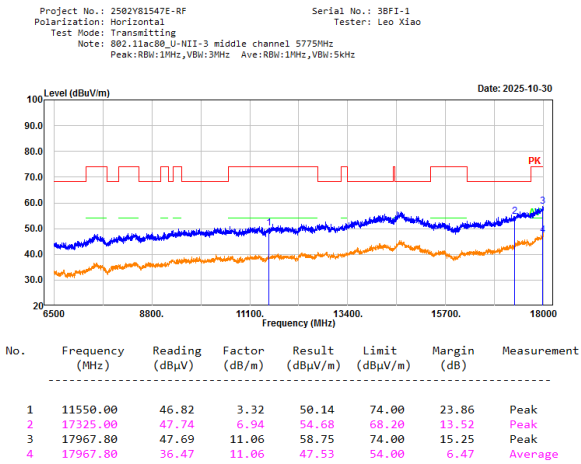
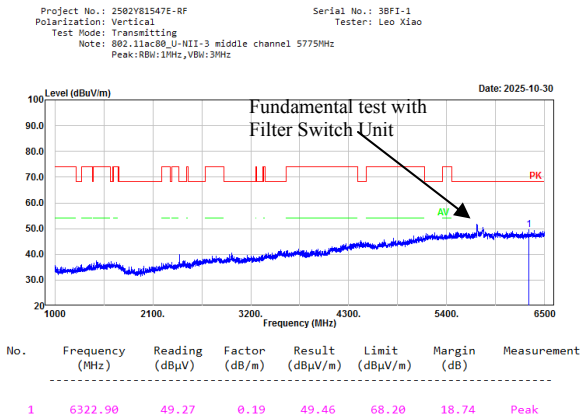
802.11ac40, High Channel, Vertical



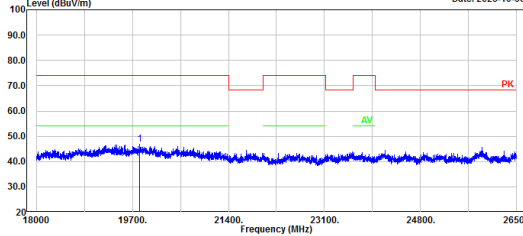
802.11ac80, Middle Channel, Horizontal

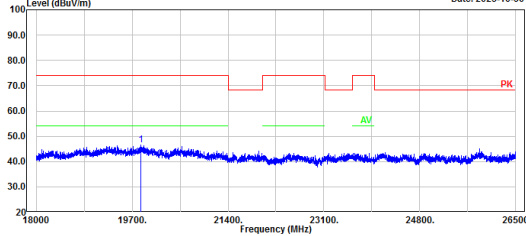


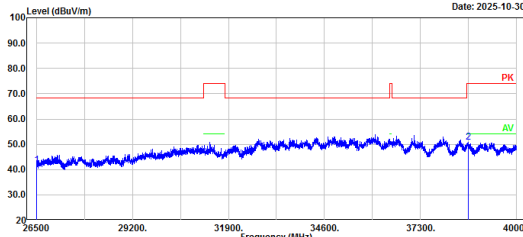
802.11ac80, Middle Channel, Vertical

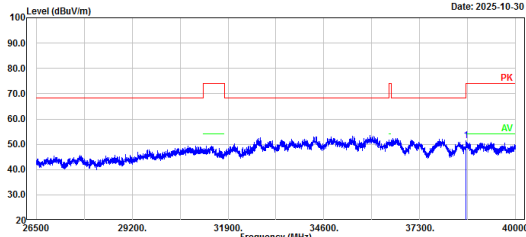


18-40GHz:
No Emission was detected in the range 18-40GHz, test was performed on the mode and channel which with the maximum power.

802.11ac40 5755MHz, Horizontal							
Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 5G WIFI Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	19829.20	46.53	0.28	46.81	74.00	27.19	Peak

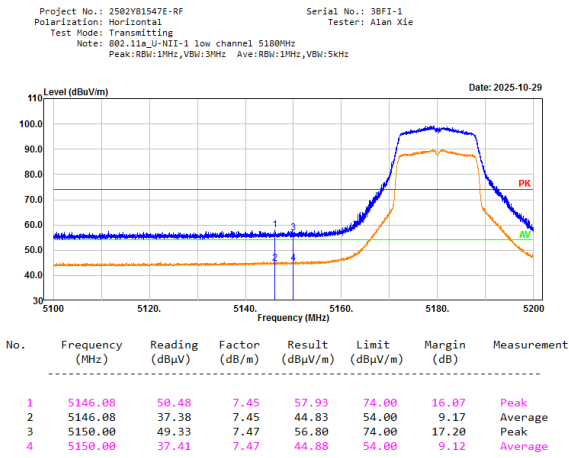
802.11ac40 5755MHz, Vertical							
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 5G WIFI Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	19856.40	46.35	0.20	46.55	74.00	27.45	Peak

Project No.: 2502Y81547E-RF Polarization: Horizontal Test Mode: Transmitting Note: 5G WIFI Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	26500.00	38.79	3.09	41.88	68.20	26.32	Peak
2	38639.20	42.56	8.24	50.80	74.00	23.20	Peak

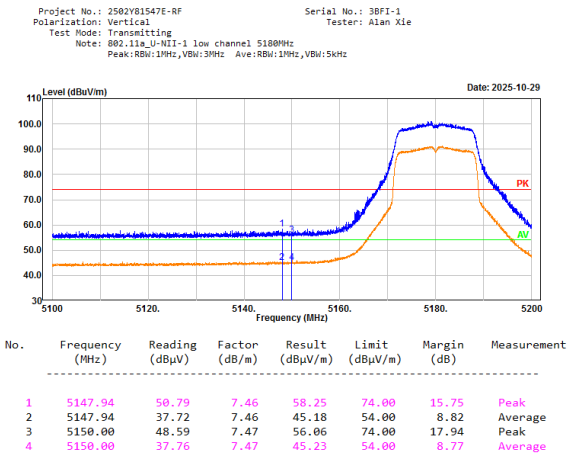
Project No.: 2502Y81547E-RF Polarization: Vertical Test Mode: Transmitting Note: 5G WIFI Peak:RBW:1MHz,VBW:3MHz				Serial No.: 38FI-1 Tester: Leo Xiao		Date: 2025-10-30	
							
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	38604.10	43.26	8.19	51.45	74.00	22.55	Peak

Bandedge:
5150-5250MHz:

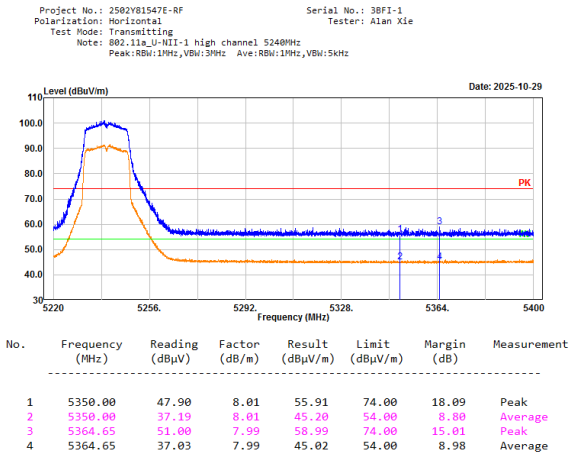
802.11a, Low Channel, Bandedge, Horizontal



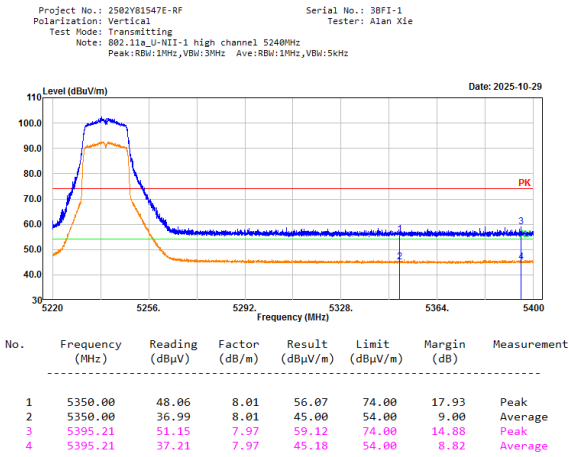
802.11a, Low Channel, Bandedge, Vertical



802.11a, High Channel, Bandedge, Horizontal



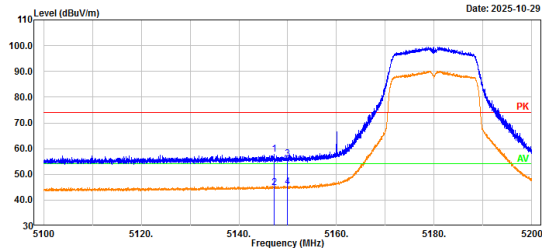
802.11a, High Channel, Bandedge, Vertical



802.11n20, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-1 low channel 5180MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie

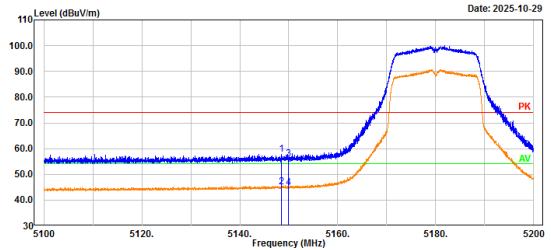


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5147.18	50.39	7.46	57.85	74.00	16.15	Peak
2	5147.18	37.26	7.46	44.72	54.00	9.28	Average
3	5150.00	48.51	7.47	55.98	74.00	18.02	Peak
4	5150.00	37.73	7.47	45.20	54.00	8.80	Average

802.11n20, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-1 low channel 5180MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie

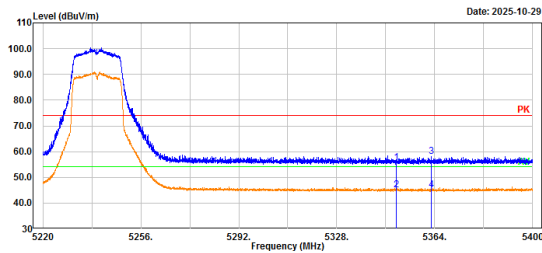


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5148.52	50.32	7.46	57.78	74.00	16.22	Peak
2	5148.52	37.71	7.46	45.17	54.00	8.83	Average
3	5150.00	48.51	7.47	55.98	74.00	18.02	Peak
4	5150.00	37.46	7.47	44.93	54.00	9.07	Average

802.11n20, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-1 high channel 5240MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie

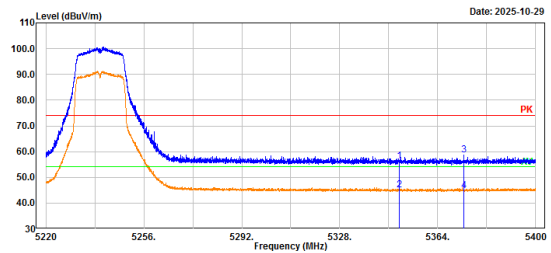


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	47.61	8.01	55.62	74.00	18.38	Peak
2	5350.00	37.06	8.01	45.07	54.00	8.93	Average
3	5362.78	50.17	8.00	58.17	74.00	15.83	Peak
4	5362.78	37.17	8.00	45.17	54.00	8.83	Average

802.11n20, High Channel, Bandedge, Vertical

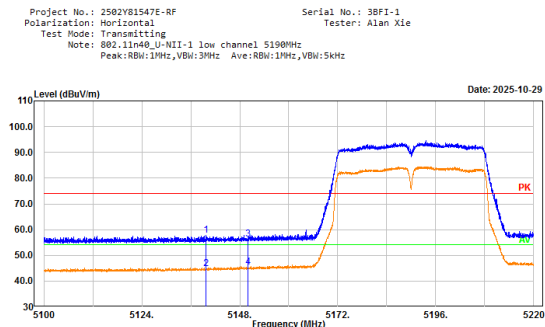
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-1 high channel 5240MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie



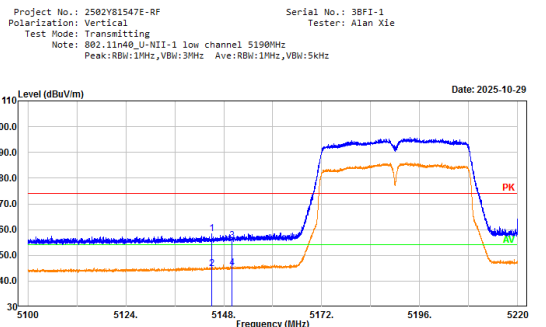
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	48.24	8.01	56.25	74.00	17.75	Peak
2	5350.00	37.11	8.01	45.12	54.00	8.88	Average
3	5373.61	50.57	7.99	58.56	74.00	15.44	Peak
4	5373.61	36.95	7.99	44.94	54.00	9.06	Average

802.11n40, Low Channel, Bandedge, Horizontal



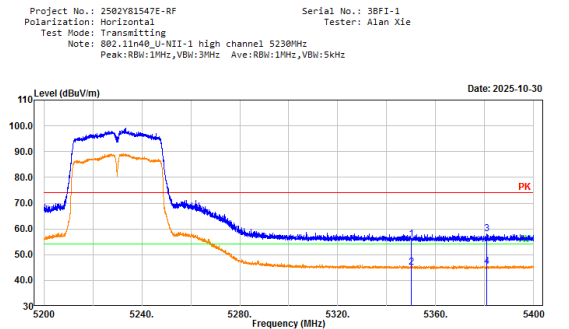
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5139.74	50.34	7.39	57.73	74.00	16.27	Peak
2	5139.74	37.27	7.39	44.66	54.00	9.34	Average
3	5150.00	48.82	7.47	56.29	74.00	17.71	Peak
4	5150.00	37.92	7.47	45.39	54.00	8.61	Average

802.11n40, Low Channel, Bandedge, Vertical



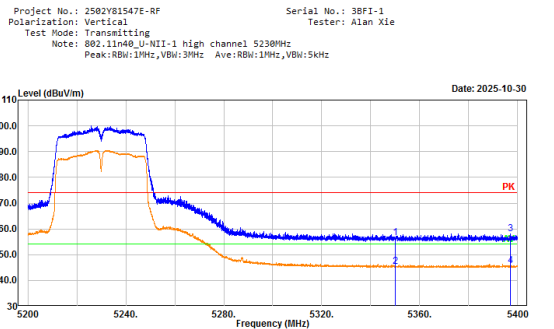
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5145.05	50.87	7.43	58.30	74.00	15.70	Peak
2	5145.05	37.35	7.43	44.78	54.00	9.22	Average
3	5150.00	48.18	7.47	55.65	74.00	18.35	Peak
4	5150.00	37.63	7.47	45.10	54.00	8.90	Average

802.11n40, High Channel, Bandedge, Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	47.82	8.01	55.83	74.00	18.17	Peak
2	5350.00	37.11	8.01	45.12	54.00	8.88	Average
3	5380.68	50.20	7.98	58.18	74.00	15.82	Peak
4	5380.68	37.29	7.98	45.27	54.00	8.73	Average

802.11n40, High Channel, Bandedge, Vertical

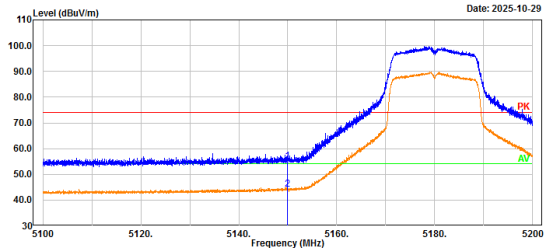


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	48.68	8.01	56.69	74.00	17.31	Peak
2	5350.00	37.26	8.01	45.27	54.00	8.73	Average
3	5396.92	50.17	7.97	58.14	74.00	15.86	Peak
4	5396.92	37.70	7.97	45.67	54.00	8.33	Average

802.11ac20, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac20_U-NII-1 low channel 5180MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Alan Xie

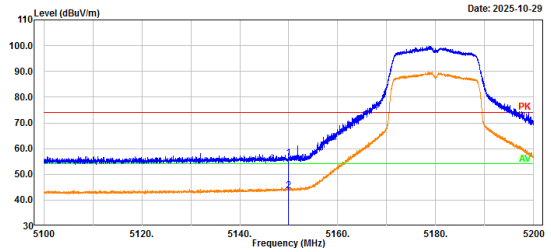


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	47.72	7.47	55.19	74.00	18.81	Peak
2	5150.00	36.74	7.47	44.21	54.00	9.79	Average

802.11ac20, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac20_U-NII-1 low channel 5180MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Alan Xie

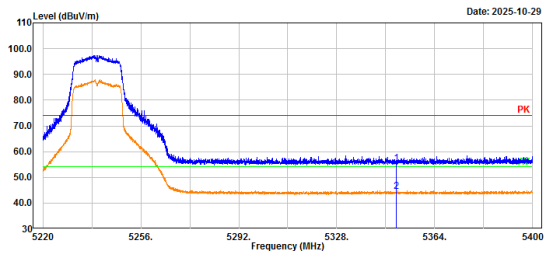


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	48.81	7.47	56.28	74.00	17.72	Peak
2	5150.00	36.13	7.47	43.60	54.00	10.40	Average

802.11ac20, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac20_U-NII-1 high channel 5240MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Alan Xie

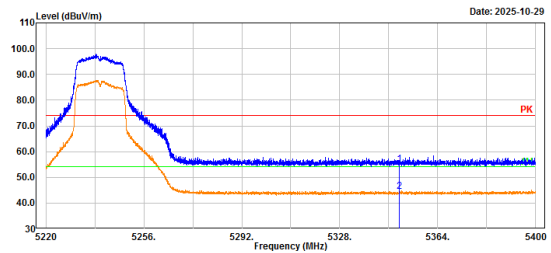


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	47.24	8.01	55.25	74.00	18.75	Peak
2	5350.00	36.37	8.01	44.38	54.00	9.62	Average

802.11ac20, High Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac20_U-NII-1 high channel 5240MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Alan Xie

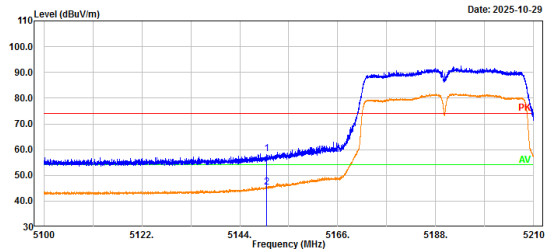


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	46.96	8.01	54.97	74.00	19.03	Peak
2	5350.00	36.49	8.01	44.50	54.00	9.50	Average

802.11ac40, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 low channel 5190MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie

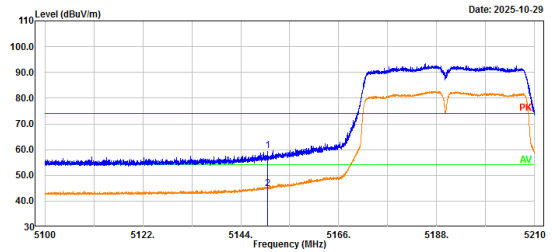


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	50.79	7.47	58.26	74.00	15.74	Peak
2	5150.00	37.93	7.47	45.40	54.00	8.60	Average

802.11ac40, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 low channel 5190MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie

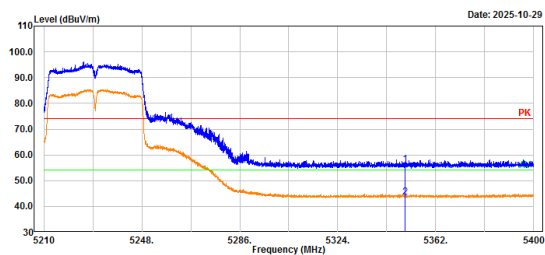


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	52.20	7.47	59.67	74.00	14.33	Peak
2	5150.00	37.19	7.47	44.66	54.00	9.34	Average

802.11ac40, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 high channel 5230MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie

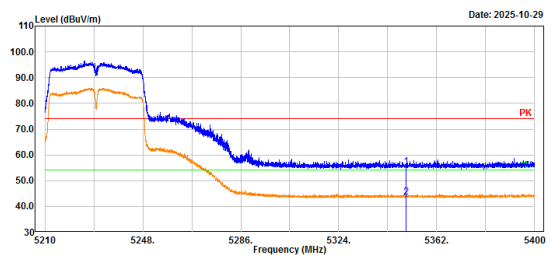


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	48.26	8.01	56.27	74.00	17.73	Peak
2	5350.00	35.64	8.01	43.65	54.00	10.35	Average

802.11ac40, High Channel, Bandedge, Vertical

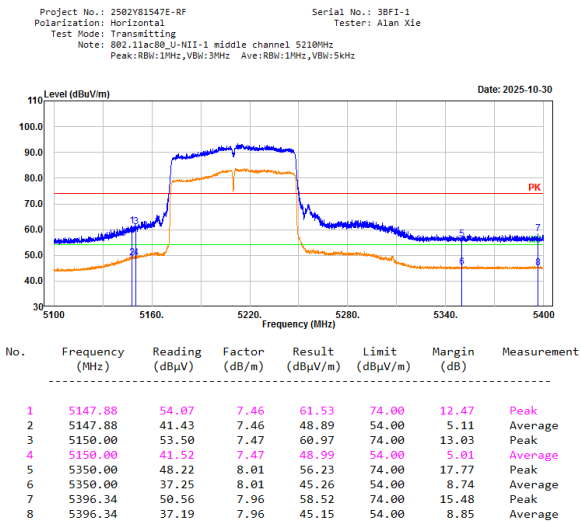
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 high channel 5230MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38FI-1
Tester: Alan Xie

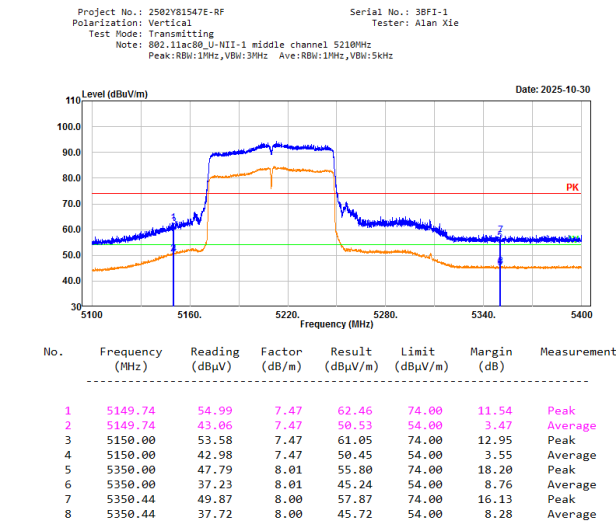


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	47.26	8.01	55.27	74.00	18.73	Peak
2	5350.00	35.61	8.01	43.62	54.00	10.38	Average

802.11ac80, Middle Channel, Bandedge, Horizontal



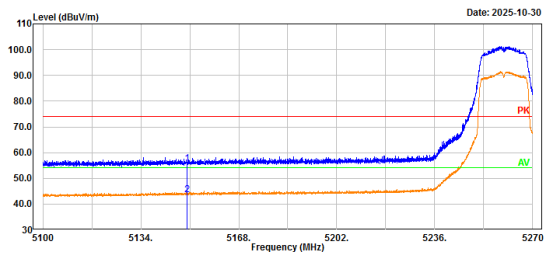
802.11ac80, Middle Channel, Bandedge, Vertical



5250-5350MHz:**802.11a, Low Channel, Bandedge, Horizontal**

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2A low channel 5260MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

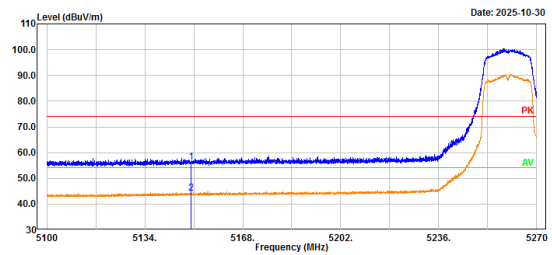


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	48.31	7.47	55.78	74.00	18.22	Peak
2	5150.00	36.22	7.47	43.69	54.00	10.31	Average

802.11a, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2A low channel 5260MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

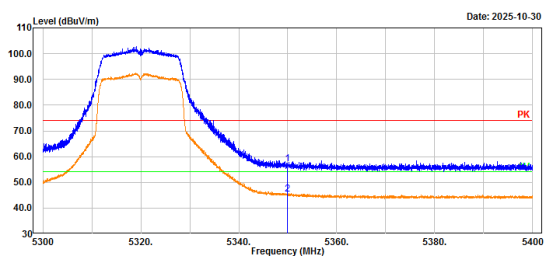


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	48.65	7.47	56.12	74.00	17.88	Peak
2	5150.00	36.73	7.47	44.20	54.00	9.80	Average

802.11a, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2A high channel 5320MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

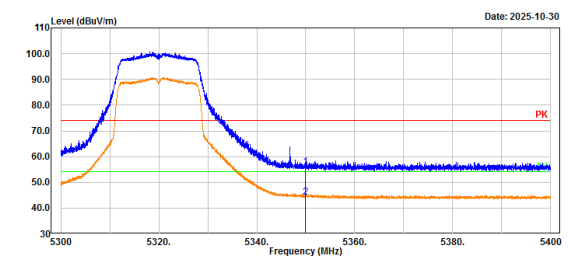


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	49.30	8.01	57.31	74.00	16.69	Peak
2	5350.00	37.33	8.01	45.34	54.00	8.66	Average

802.11a, High Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2A high channel 5320MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 38FI-1
Tester: Leo Xiao

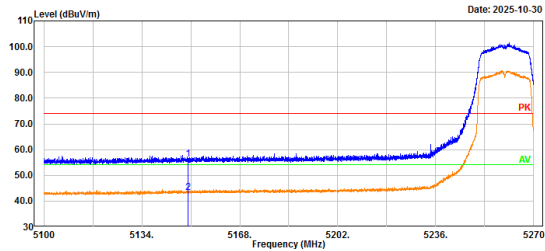


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	48.07	8.01	56.08	74.00	17.92	Peak
2	5350.00	36.28	8.01	44.29	54.00	9.71	Average

802.11n20, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A low channel 5260MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

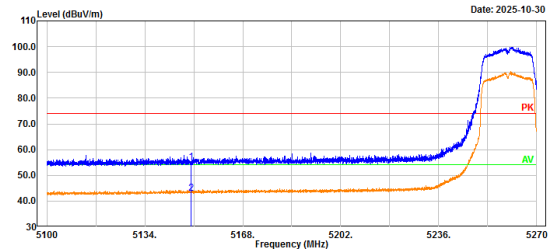


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	48.82	7.47	56.29	74.00	17.71	Peak
2	5150.00	35.91	7.47	43.38	54.00	10.62	Average

802.11n20, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A low channel 5260MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

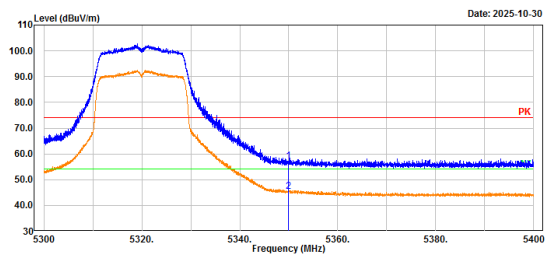


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	47.63	7.47	55.10	74.00	18.90	Peak
2	5150.00	35.38	7.47	42.85	54.00	11.15	Average

802.11n20, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A high channel 5320MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

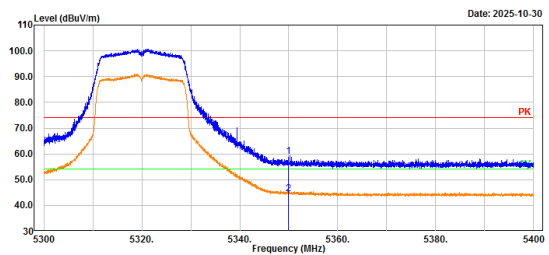


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	49.26	8.01	57.27	74.00	16.73	Peak
2	5350.00	37.31	8.01	45.32	54.00	8.68	Average

802.11n20, High Channel, Bandedge, Vertical

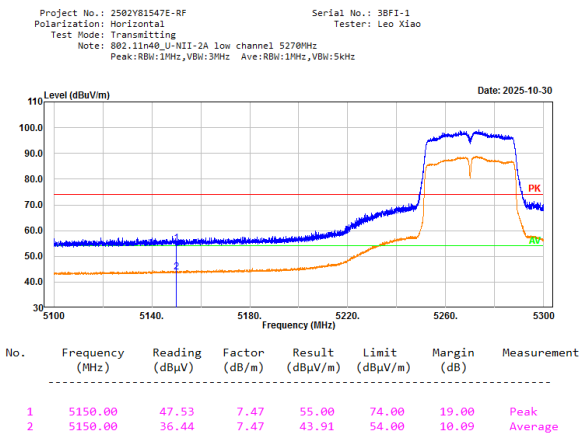
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2A high channel 5320MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

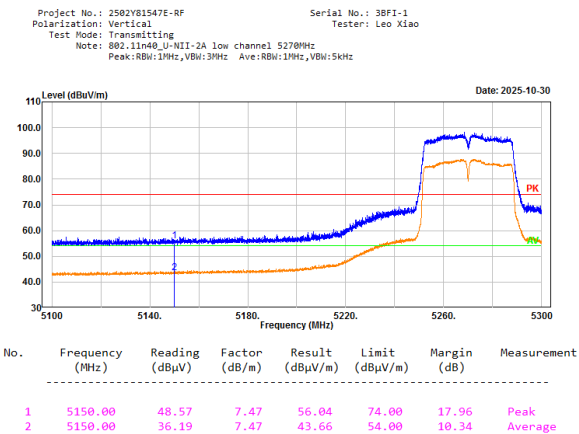


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	51.06	8.01	59.07	74.00	14.93	Peak
2	5350.00	36.54	8.01	44.55	54.00	9.45	Average

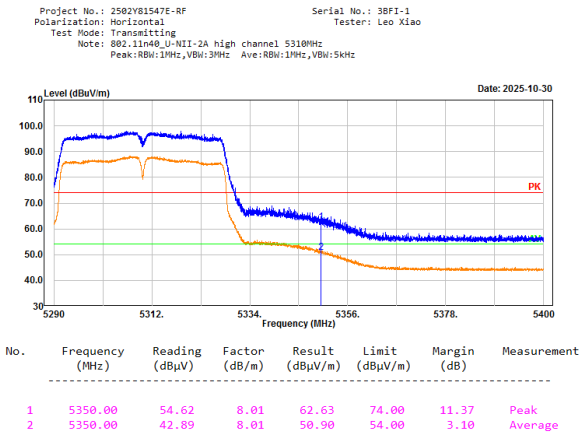
802.11n40, Low Channel, Bandedge, Horizontal



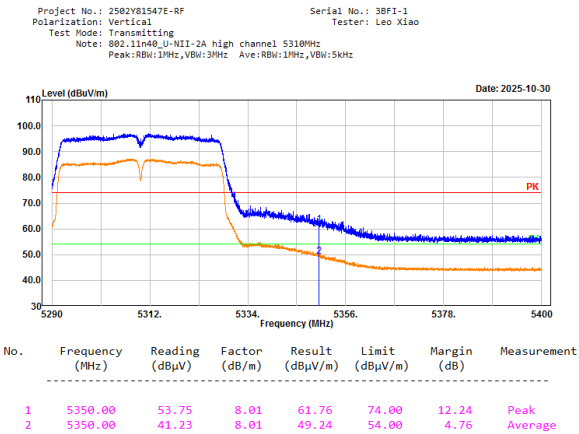
802.11n40, Low Channel, Bandedge, Vertical



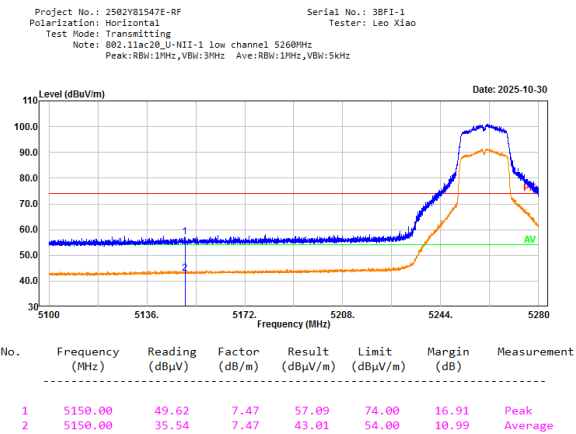
802.11n40, High Channel, Bandedge, Horizontal



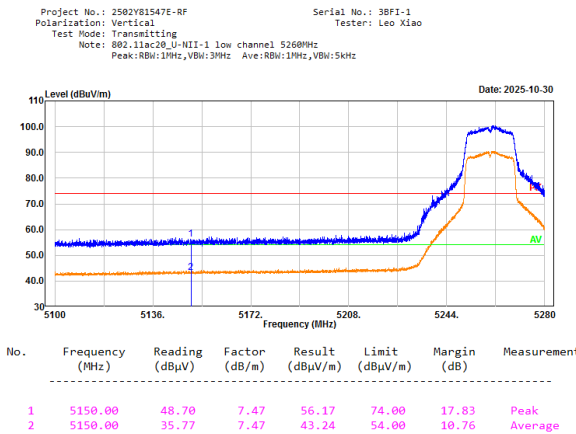
802.11n40, High Channel, Bandedge, Vertical



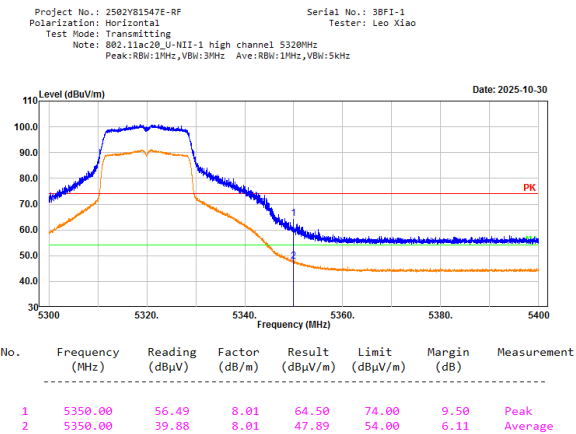
802.11ac20, Low Channel, Bandedge, Horizontal



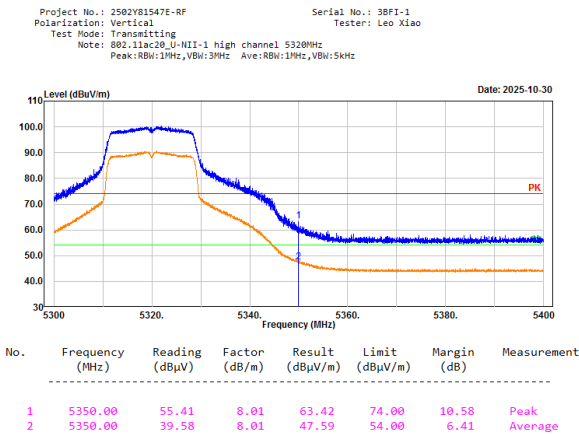
802.11ac20, Low Channel, Bandedge, Vertical



802.11ac20, High Channel, Bandedge, Horizontal



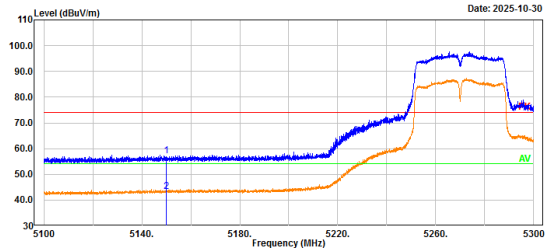
802.11ac20, High Channel, Bandedge, Vertical



802.11ac40, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 low channel 5270MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5KHz

Serial No.: 38FI-1
Tester: Leo Xiao

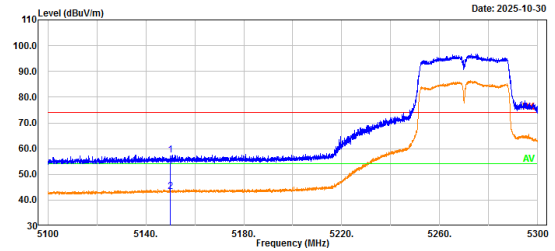


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	49.64	7.47	57.11	74.00	16.89	Peak
2	5150.00	35.75	7.47	43.22	54.00	10.78	Average

802.11ac40, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 low channel 5270MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5KHz

Serial No.: 38FI-1
Tester: Leo Xiao

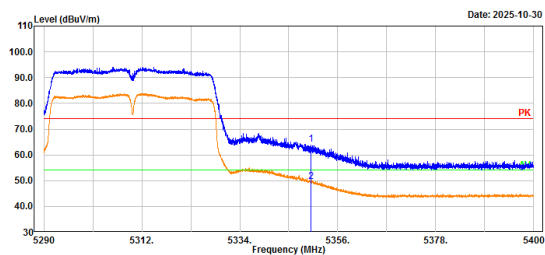


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5150.00	49.93	7.47	57.40	74.00	16.60	Peak
2	5150.00	35.69	7.47	43.16	54.00	10.84	Average

802.11ac40, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 high channel 5310MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5KHz

Serial No.: 38FI-1
Tester: Leo Xiao

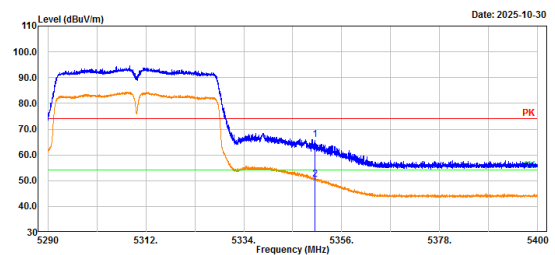


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	56.09	8.01	64.10	74.00	9.90	Peak
2	5350.00	41.58	8.01	49.59	54.00	4.41	Average

802.11ac40, High Channel, Bandedge, Vertical

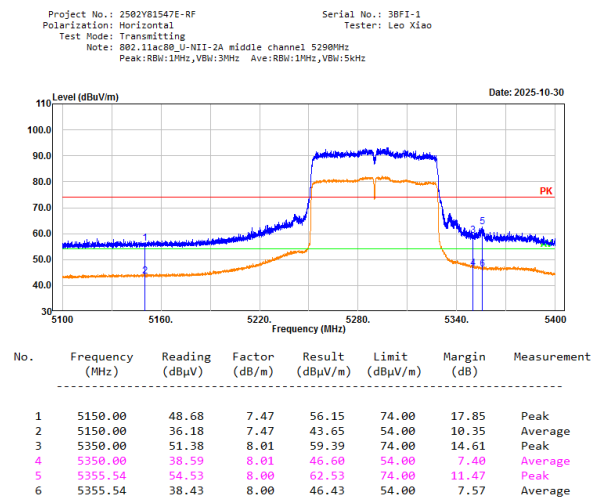
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-1 high channel 5310MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5KHz

Serial No.: 38FI-1
Tester: Leo Xiao

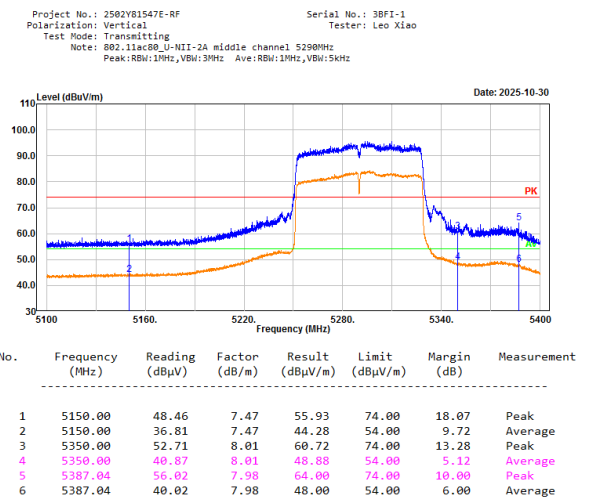


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5350.00	58.05	8.01	66.06	74.00	7.94	Peak
2	5350.00	42.52	8.01	50.53	54.00	3.47	Average

802.11ac80, Middle Channel, Bandedge, Horizontal

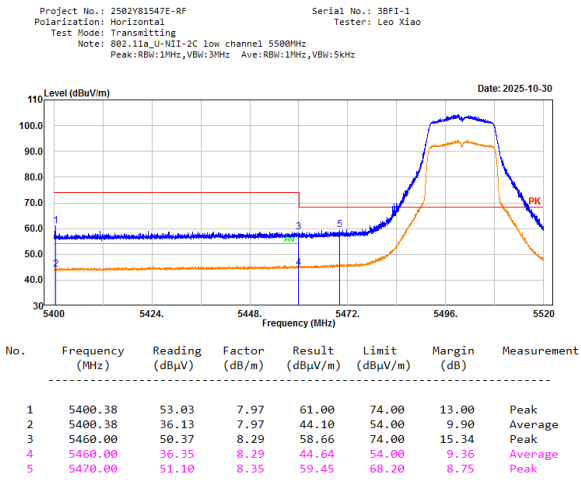


802.11ac80, Middle Channel, Bandedge, Vertical

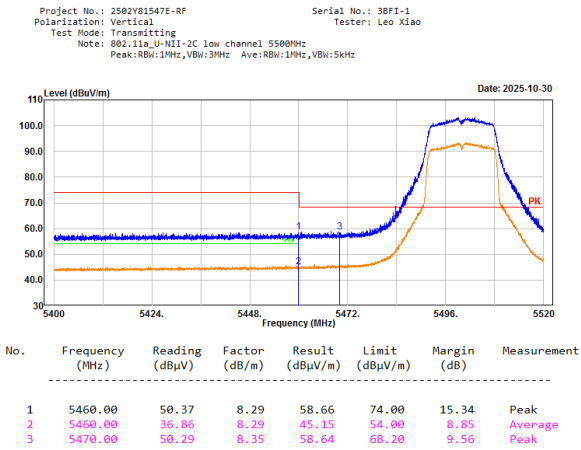


5470-5725MHz:

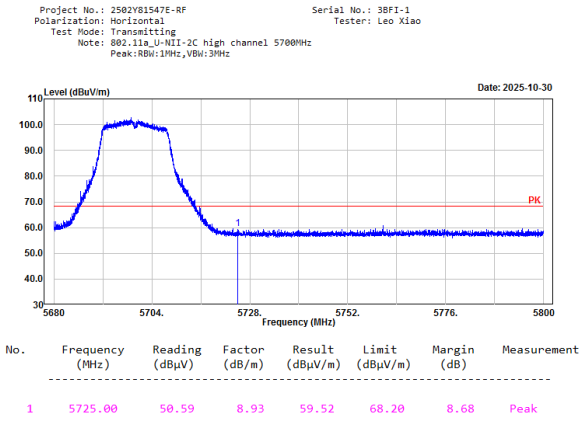
802.11a, Low Channel, Bandedge, Horizontal



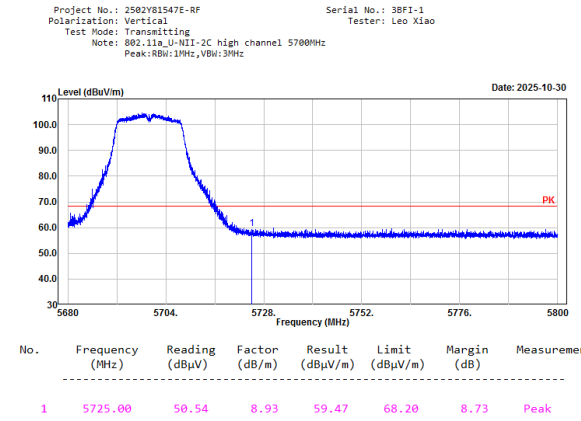
802.11a, Low Channel, Bandedge, Vertical



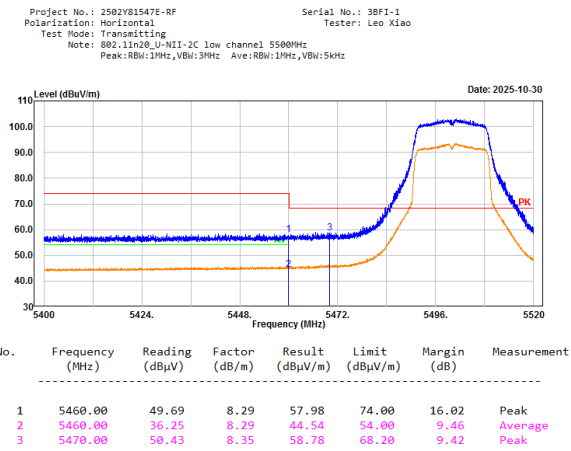
802.11a, High Channel, Bandedge, Horizontal



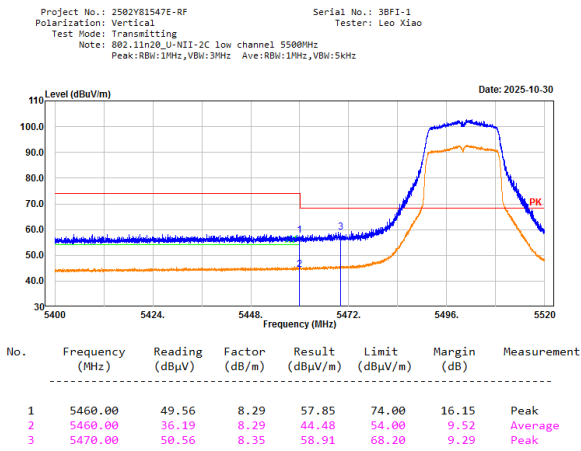
802.11a, High Channel, Bandedge, Vertical



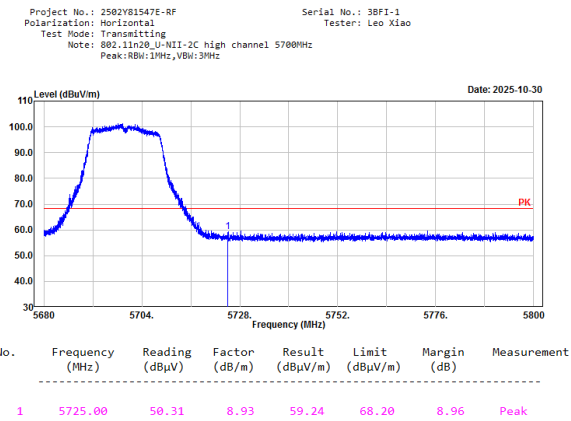
802.11n20, Low Channel, Bandedge, Horizontal



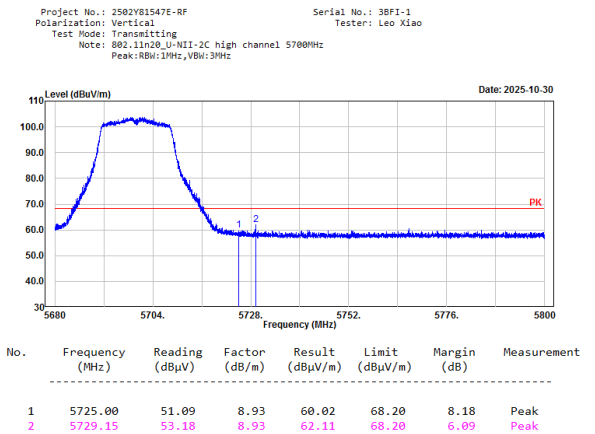
802.11n20, Low Channel, Bandedge, Vertical



802.11n20, High Channel, Bandedge, Horizontal



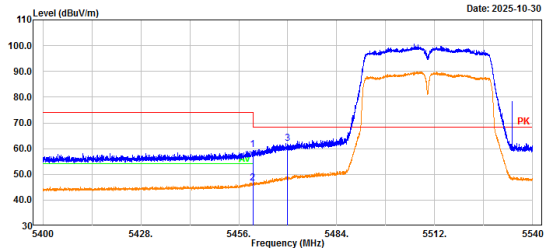
802.11n20, High Channel, Bandedge, Vertical



802.11n40, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-2C low channel 5510MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

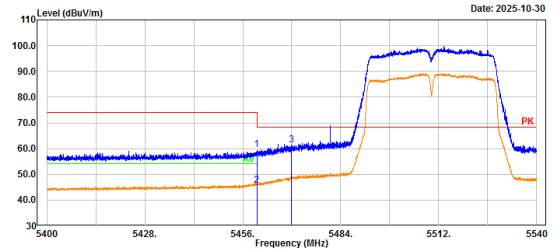


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5460.00	51.26	8.29	59.55	74.00	14.45	Peak
2	5460.00	38.34	8.29	46.63	54.00	7.37	Average
3	5470.00	53.72	8.35	62.07	68.20	6.13	Peak

802.11n40, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-2C low channel 5510MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

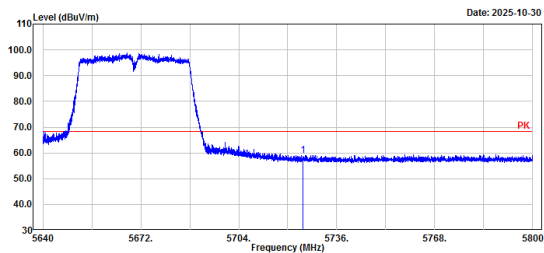


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5460.00	51.32	8.29	59.61	74.00	14.39	Peak
2	5460.00	37.27	8.29	45.56	54.00	8.44	Average
3	5470.00	53.08	8.35	61.43	68.20	6.77	Peak

802.11n40, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-2C high channel 5670MHz
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

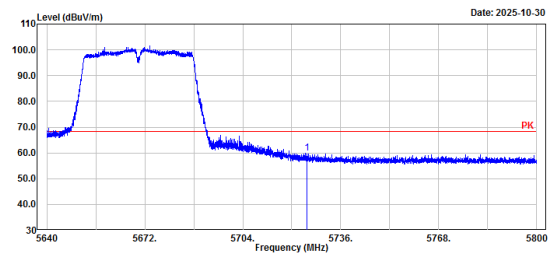


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5725.00	49.97	8.93	58.90	68.20	9.30	Peak

802.11n40, High Channel, Bandedge, Vertical

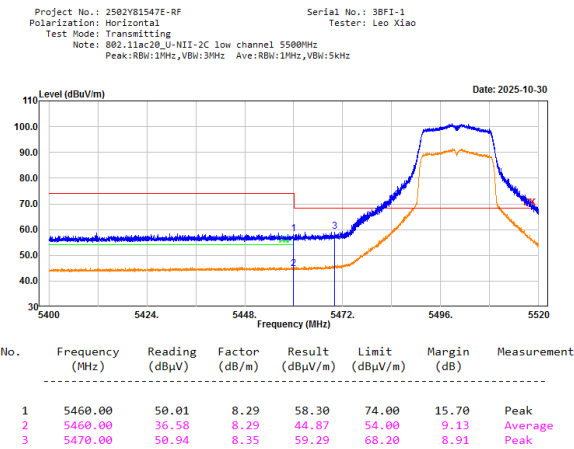
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-2C high channel 5670MHz
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

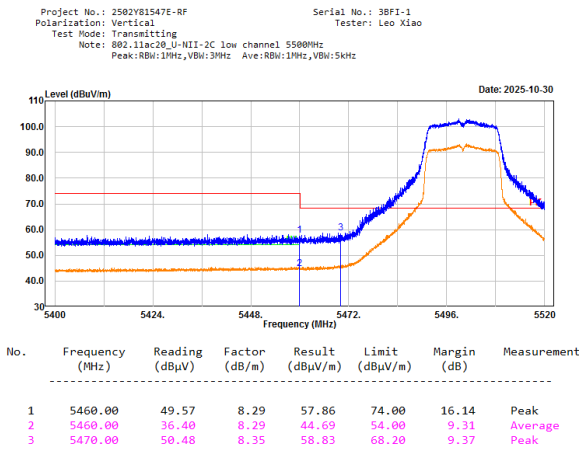


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5725.00	51.07	8.93	60.00	68.20	8.20	Peak

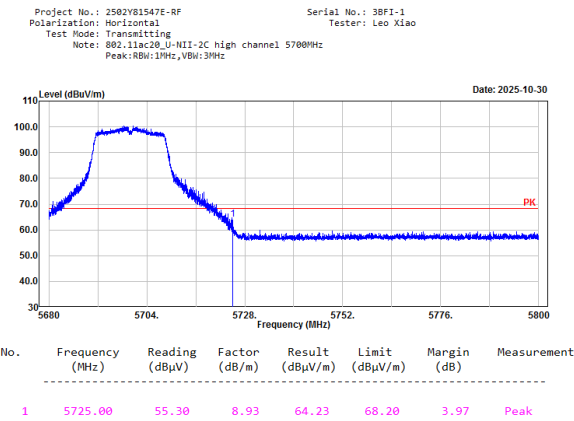
802.11ac20, Low Channel, Bandedge, Horizontal



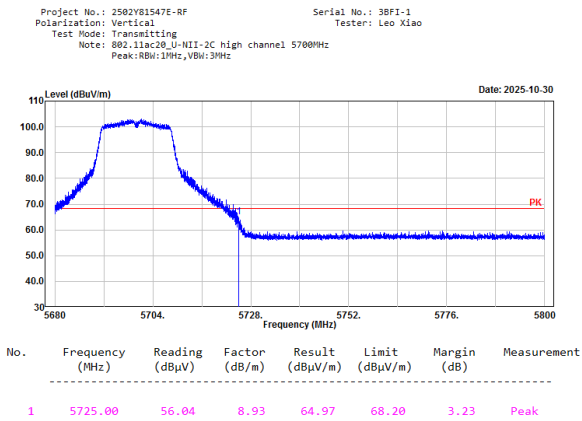
802.11ac20, Low Channel, Bandedge, Vertical



802.11ac20, High Channel, Bandedge, Horizontal



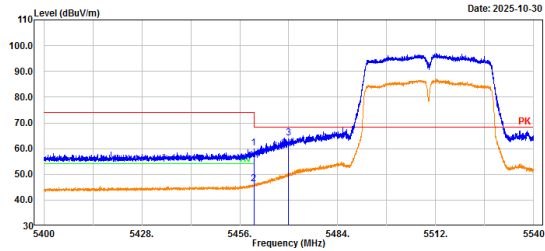
802.11ac20, High Channel, Bandedge, Vertical



802.11ac40, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C low channel 5510MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

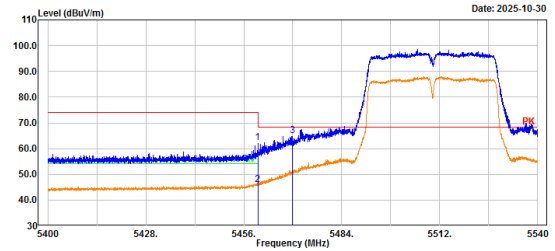


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5460.00	51.76	8.29	60.05	74.00	13.95	Peak
2	5460.00	37.87	8.29	46.16	54.00	7.84	Average
3	5470.00	55.79	8.35	64.14	68.20	4.06	Peak

802.11ac40, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C low channel 5510MHz
Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz

Serial No.: 38F1-1
Tester: Leo Xiao

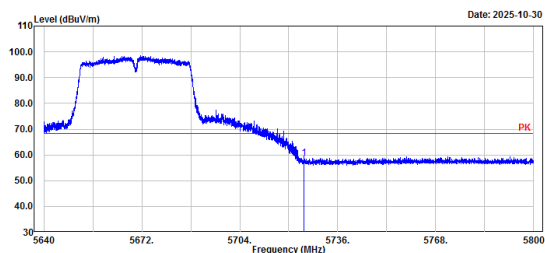


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5460.00	53.87	8.29	62.16	74.00	11.84	Peak
2	5460.00	37.65	8.29	45.94	54.00	8.06	Average
3	5470.00	56.57	8.35	64.92	68.20	3.28	Peak

802.11ac40, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C high channel 5670MHz
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

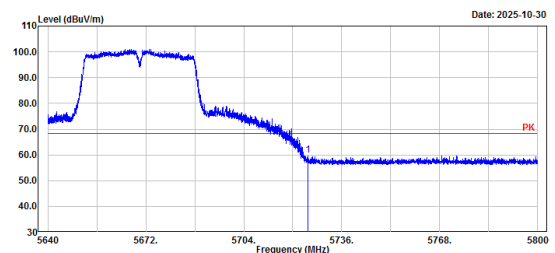


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5725.00	49.74	8.93	58.67	68.20	9.53	Peak

802.11ac40, High Channel, Bandedge, Vertical

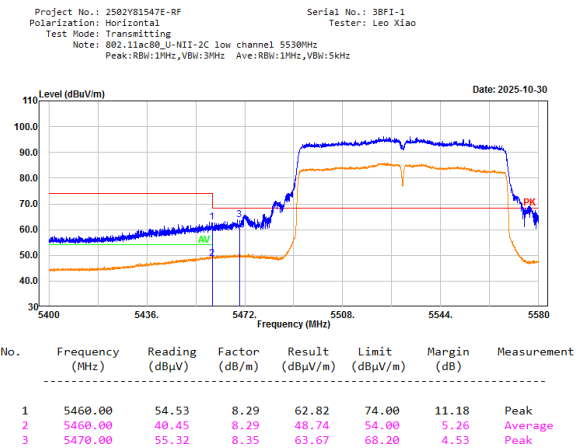
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac40_U-NII-2C high channel 5670MHz
Peak: RBW:1MHz, VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

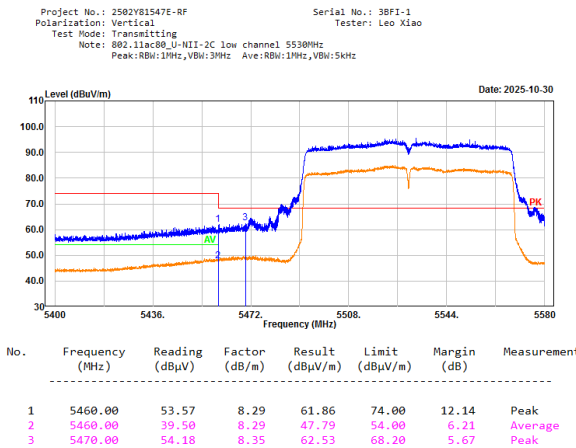


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5725.00	51.03	8.93	59.96	68.20	8.24	Peak

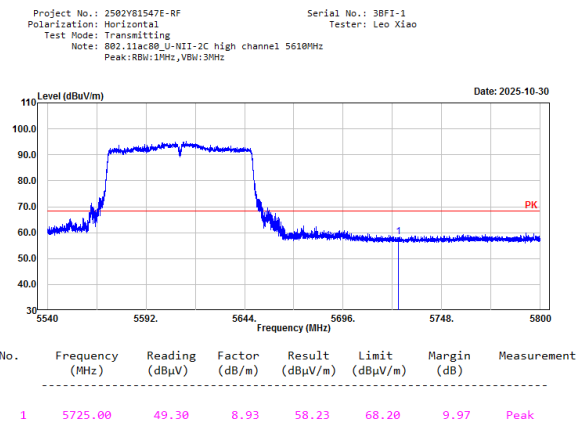
802.11ac80, Low Channel, Bandedge, Horizontal



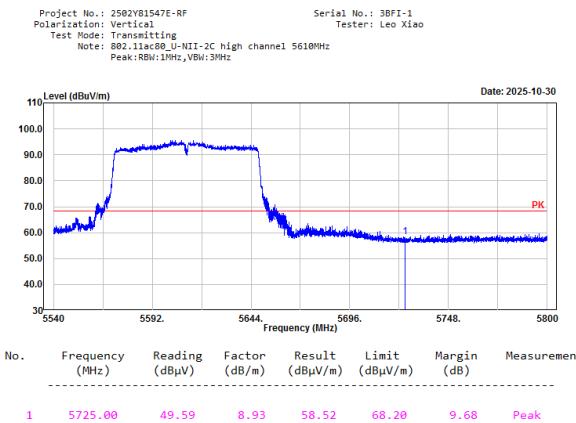
802.11ac80, Low Channel, Bandedge, Vertical



802.11ac80, High Channel, Bandedge, Horizontal

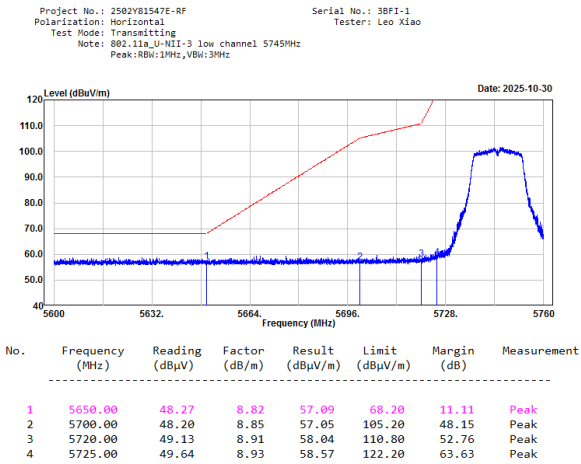


802.11ac80, High Channel, Bandedge, Vertical

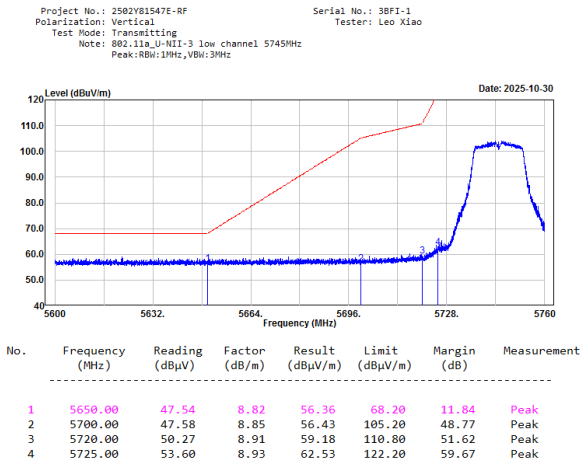


5725-5850MHz:

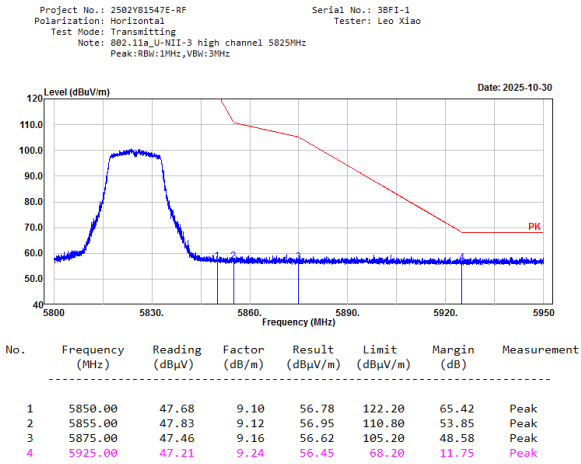
802.11a, Low Channel, Bandedge, Horizontal



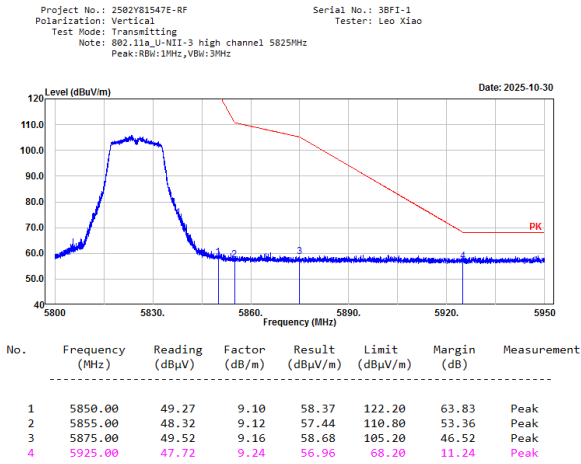
802.11a, Low Channel, Bandedge, Vertical



802.11a, High Channel, Bandedge, Horizontal



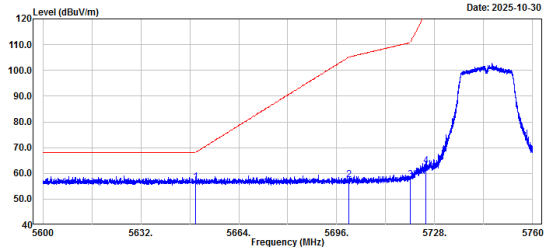
802.11a, High Channel, Bandedge, Vertical



802.11n20, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-3 low channel 5745MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

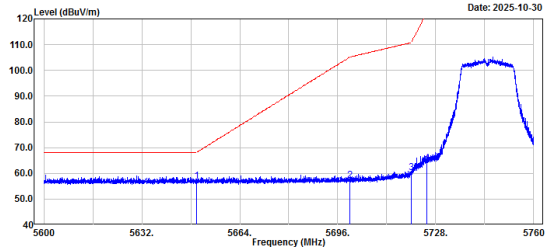


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5650.00	47.67	8.82	56.49	68.20	11.71	Peak
2	5700.00	48.72	8.85	57.57	105.20	47.63	Peak
3	5720.00	48.61	8.91	57.52	110.80	53.28	Peak
4	5725.00	54.08	8.93	63.01	122.20	59.19	Peak

802.11n20, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-3 low channel 5745MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

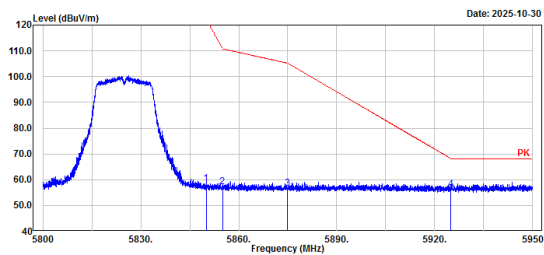


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5650.00	47.99	8.82	56.81	68.20	11.39	Peak
2	5700.00	48.33	8.85	57.18	105.20	48.02	Peak
3	5720.00	51.25	8.91	60.16	110.80	50.64	Peak
4	5725.00	55.04	8.93	63.97	122.20	58.23	Peak

802.11n20, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-3 high channel 5825MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

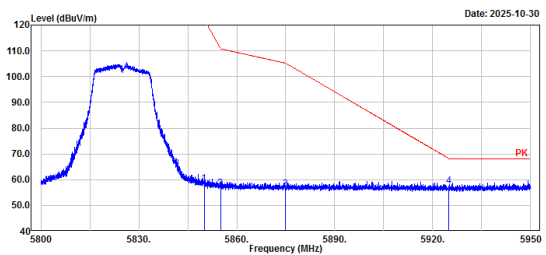


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	49.34	9.10	58.44	122.20	63.76	Peak
2	5855.00	48.20	9.12	57.32	110.80	53.48	Peak
3	5875.00	47.31	9.16	56.47	105.20	48.73	Peak
4	5925.00	47.03	9.24	56.27	68.20	11.93	Peak

802.11n20, High Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-3 high channel 5825MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

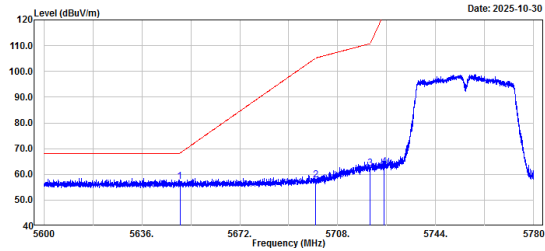


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	49.37	9.10	58.47	122.20	63.73	Peak
2	5855.00	47.54	9.12	56.66	110.80	54.14	Peak
3	5875.00	47.26	9.16	56.42	105.20	48.78	Peak
4	5925.00	46.40	9.24	57.64	68.20	10.56	Peak

802.11n40, Low Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 low channel 5755MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

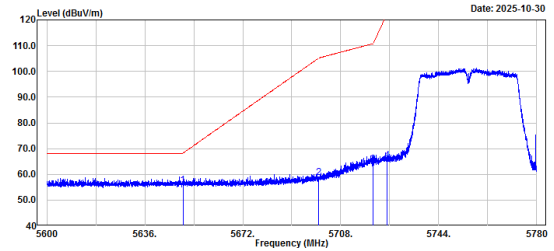


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5650.00	48.45	8.82	57.27	68.20	10.93	Peak
2	5700.00	48.96	8.85	57.81	105.20	47.39	Peak
3	5720.00	53.48	8.91	62.39	110.80	48.41	Peak
4	5725.00	53.90	8.93	62.83	122.20	59.37	Peak

802.11n40, Low Channel, Bandedge, Vertical

Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 low channel 5755MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

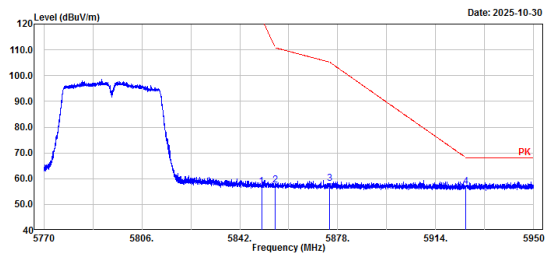


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5650.00	46.99	8.82	55.81	68.20	12.39	Peak
2	5700.00	49.73	8.85	58.58	105.20	46.62	Peak
3	5720.00	54.91	8.91	63.82	110.80	46.98	Peak
4	5725.00	56.45	8.93	65.38	122.20	56.82	Peak

802.11n40, High Channel, Bandedge, Horizontal

Project No.: 2502Y81547E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 high channel 5795MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

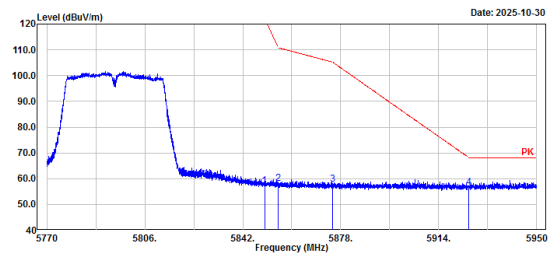


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	47.73	9.10	56.83	122.20	65.37	Peak
2	5855.00	48.39	9.12	57.51	110.80	53.29	Peak
3	5875.00	48.81	9.16	57.97	105.20	47.23	Peak
4	5925.00	47.53	9.24	56.77	68.20	11.43	Peak

802.11n40, High Channel, Bandedge, Vertical

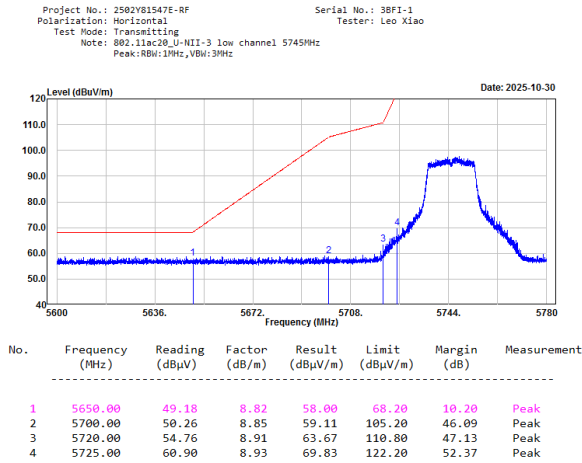
Project No.: 2502Y81547E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 high channel 5795MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 38F1-1
Tester: Leo Xiao

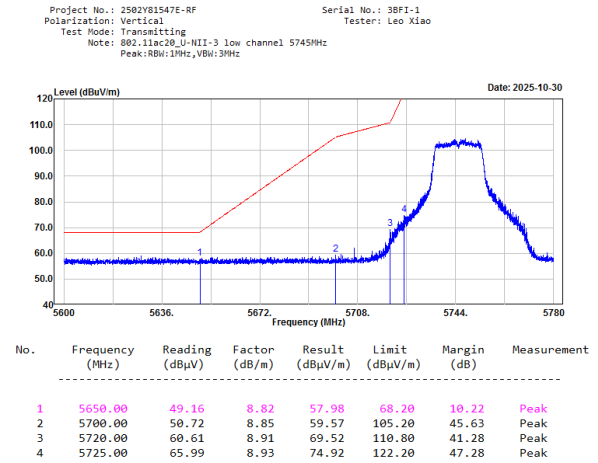


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5850.00	48.04	9.10	57.14	122.20	65.06	Peak
2	5855.00	48.95	9.12	58.07	110.80	52.73	Peak
3	5875.00	48.51	9.16	57.67	105.20	47.53	Peak
4	5925.00	47.23	9.24	56.47	68.20	11.73	Peak

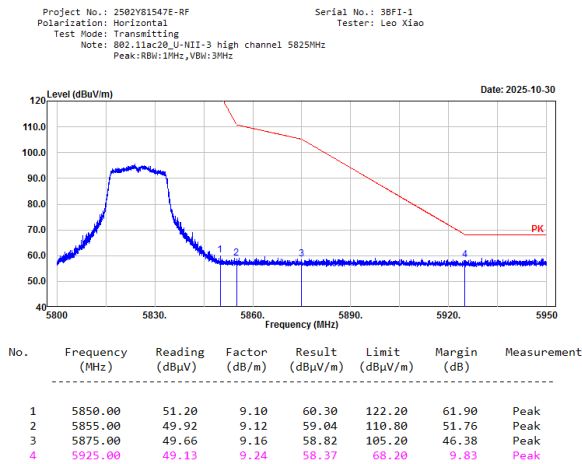
802.11ac20, Low Channel, Bandedge, Horizontal



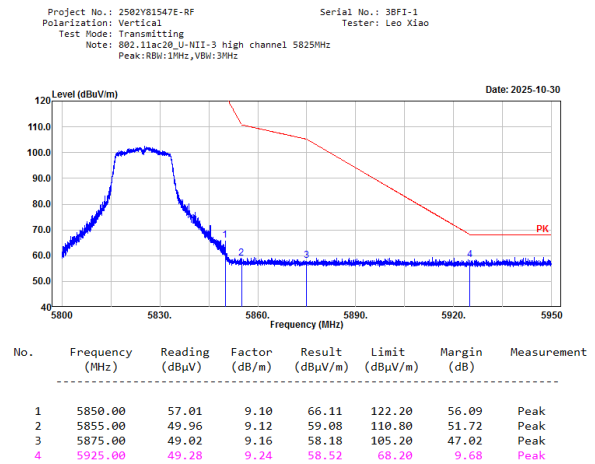
802.11ac20, Low Channel, Bandedge, Vertical



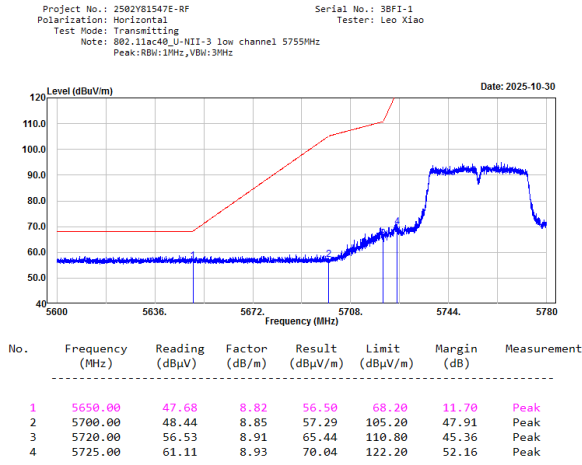
802.11ac20, High Channel, Bandedge, Horizontal



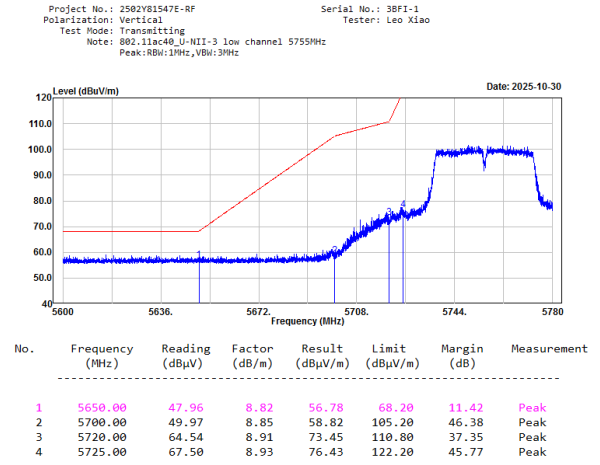
802.11ac20, High Channel, Bandedge, Vertical



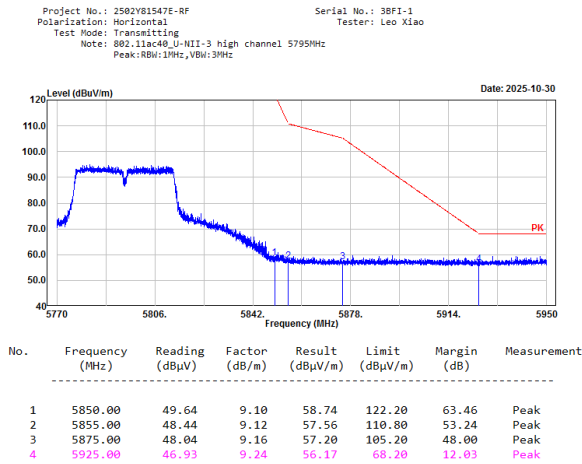
802.11ac40, Low Channel, Bandedge, Horizontal



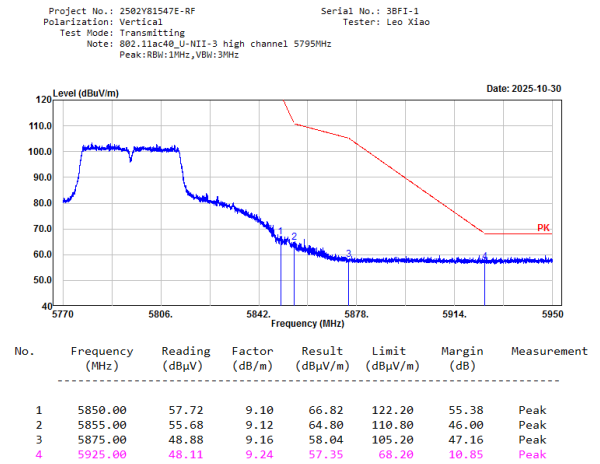
802.11ac40, Low Channel, Bandedge, Vertical



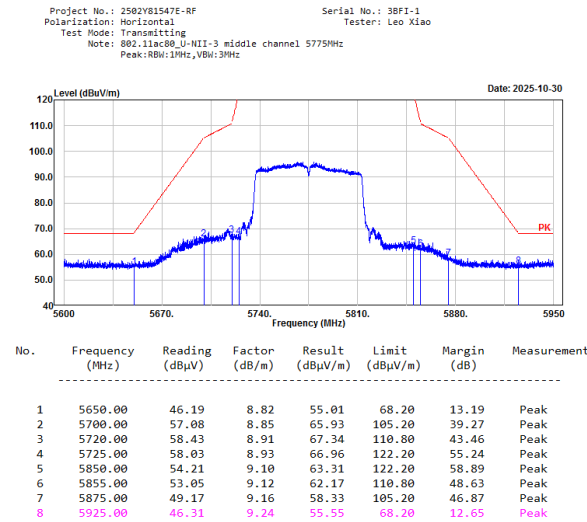
802.11ac40, High Channel, Bandedge, Horizontal



802.11ac40, High Channel, Bandedge, Vertical



802.11ac80, Middle Channel, Bandedge, Horizontal



802.11ac80, Middle Channel, Bandedge, Vertical

