

TEST REPORT

Applicant: Fujian Centerm Information Co.,Ltd.

Address: #21 - #22 Buildings, No.618, Jinshan Road, Jinshan Industrial Park, Cangshan District, Fuzhou City, Fujian Province, China

Product Name: MINI PC

FCC ID: 2AN9R-S25ULTRA

Standard(s): 47 CFR Part 15, Subpart E(15.407)
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: 2502U62651E-RF-00C

Report Date: 2025/9/25

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

Alice Tan

Pedro Yun

Reviewed By: Alice Tan

Title: RF Engineer

Approved By: Pedro Yun

Title: RF Supervisor

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

Tel: +86-769-86858888

Fax: +86-769-86858891

www.baclcorp.com.cn

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

CONTENTS

DOCUMENT REVISION HISTORY	4
1. GENERAL INFORMATION	5
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
1.2 ACCESSORY INFORMATION	5
1.3 ANTENNA INFORMATION DETAIL ▲	6
1.4 EQUIPMENT MODIFICATIONS	6
2. SUMMARY OF TEST RESULTS	7
3. DESCRIPTION OF TEST CONFIGURATION	8
3.1 OPERATION FREQUENCY DETAIL	8
3.2 EUT OPERATION CONDITION	9
3.3 SUPPORT EQUIPMENT LIST AND DETAILS	11
3.4 SUPPORT CABLE LIST AND DETAILS	11
3.5 BLOCK DIAGRAM OF TEST SETUP	12
3.6 TEST FACILITY	14
3.7 MEASUREMENT UNCERTAINTY	14
4. REQUIREMENTS AND TEST PROCEDURES	15
4.1 AC LINE CONDUCTED EMISSIONS	15
4.1.1 Applicable Standard	15
4.1.2 EUT Setup	16
4.1.3 EMI Test Receiver Setup	16
4.1.4 Test Procedure	17
4.1.5 Corrected Amplitude & Margin Calculation	17
4.1.6 Test Result	17
4.2 RADIATION SPURIOUS EMISSIONS	18
4.2.1 Applicable Standard	18
4.2.2 EUT Setup	19
4.2.3 EMI Test Receiver & Spectrum Analyzer Setup	21
4.2.4 Test Procedure	21
4.2.5 Corrected Result & Margin Calculation	22
4.2.6 Test Result	22
4.3 EMISSION BANDWIDTH	23
4.3.1 Applicable Standard	23
4.3.2 EUT Setup	23
4.3.3 Test Procedure	23
4.3.4 Test Result	24
4.4 MAXIMUM CONDUCTED OUTPUT POWER	25
4.4.1 Applicable Standard	25
4.4.2 EUT Setup	25
4.4.3 Test Procedure	25
4.4.4 Test Result	26
4.5 MAXIMUM POWER SPECTRAL DENSITY	27
4.5.1 Applicable Standard	27
4.5.2 EUT Setup	27

4.5.3 Test Procedure.....	28
4.5.4 Test Result.....	28
4.6 DUTY CYCLE.....	29
4.6.1 EUT Setup.....	29
4.6.2 Test Procedure.....	29
4.6.3 Judgment	29
4.7 ANTENNA REQUIREMENT	30
4.7.1 Applicable Standard	30
4.7.2 Judgment	30
5. TEST DATA AND RESULTS	31
5.1 AC LINE CONDUCTED EMISSIONS	31
5.2 RADIATION SPURIOUS EMISSIONS.....	34
5.3 EMISSION BANDWIDTH	219
5.4 99% OCCUPIED BANDWIDTH	235
5.5 MAXIMUM CONDUCTED OUTPUT POWER	251
5.6 POWER SPECTRAL DENSITY	256
5.7 DUTY CYCLE.....	286
EXHIBIT A - EUT PHOTOGRAPHS.....	289
EXHIBIT B - TEST SETUP PHOTOGRAPHS	290

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2502U62651E-RF-00C	Original Report	2025/9/25

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	MINI PC
EUT Model:	S25 Ultra
Operation Frequency:	5150-5250MHz: 5180-5240 MHz(802.11a/n ht20/ac vht20/ax he20) 5190-5230 MHz(802.11n ht40/ac vht40/ax he40) 5210 MHz(802.11ac vht80/ax he80) 5250-5350MHz: 5260-5320 MHz (802.11a/n ht20/ac vht20/ax he20) 5270-5310 MHz(802.11n ht40/ac vht40/ax he40) 5290 MHz(802.11ac vht80/ax he80) 5470-5725MHz: 5500-5720 MHz (802.11a/n ht20/ac vht20/ax he20) 5510-5710 MHz(802.11n ht40/ac vht40/ax he40) 5530-5690MHz(802.11ac vht80/ax he80) 5725-5850MHz: 5745-5825 MHz (802.11a/n ht20/ac vht20/ax he20) 5755-5795 MHz(802.11n ht40/ac vht40/ax he40) 5775 MHz(802.11ac vht80/ax he80)
Maximum Average Conducted Output Power:	15.19dBm(5150-5250MHz)
	14.89dBm(5250-5350MHz)
	14.2dBm(5470-5725MHz)
	8.09dBm(5725-5850MHz)
Modulation Type:	802.11a/n/ac: OFDM-BPSK, QPSK, 16QAM, 64QAM,256QAM 802.11ax: OFDMA- BPSK, QPSK, 16QAM, 64QAM,256QAM,1024QAM
Rated Input Voltage:	DC 12V from adapter
Serial Number:	For AC Line Conducted Emissions and Radiated Spurious Emissions test: 34B2-2 For RF Conducted test: 34B2-1
EUT Received Date:	2025/6/10
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	Shenzhen Keyu Power Supply Technology Co., Ltd.	KAT036G-1203000US	Input: 100-240Vac 50/60Hz 1.0A Max Output: 12Vdc 3000mA

1.3 Antenna Information Detail ▲

Antenna	Antenna Type	Input impedance (Ohm)	Frequency Range (MHz)	Antenna Gain (dBi)
Chain 0	FPC	50	5150-5250	5.28
			5250-5350	5.28
			5470-5725	5.08
			5725-5850	5.04
Chain 1	FPC	50	5150-5250	6.3
			5250-5350	6.3
			5470-5725	5.01
			5725-5850	4.42

The design of compliance with §15.203:

Unit uses a permanently attached antenna.



Unit uses a unique coupling to the intentional radiator.



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

1.4 Equipment Modifications

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

2. SUMMARY OF TEST RESULTS

Standard(s) Section	Test Items	Result
§15.207(a)	AC line conducted emissions	Compliant
FCC§15.205& §15.209 &§15.407(b)	Radiated Spurious Emissions	Compliant
FCC§15.407(a) (e)	Emission Bandwidth	Compliant
FCC§15.407(a)	Maximum Conducted Output Power	Compliant
FCC§15.407 (a)	Power Spectral Density	Compliant
§15.203	Antenna Requirement	Compliant
Note 1: For AC line conducted emissions, the maximum output power channel was tested.		
Note 2: For Radiated Spurious Emissions 9kHz~1GHz and 18~40GHz, the maximum output power channel was tested.		

3. DESCRIPTION OF TEST CONFIGURATION

3.1 Operation Frequency Detail

For 802.11a/n ht20/ac vht20/ax he20:

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	/	/
/	/	/	/	144*	5720	/	/

For 802.11n ht40/ac vht40/ax he40:

5150-5250MHz		5250-5350 MHz		5470-5725 MHz		5725-5850MHz	
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	/	/
/	/	/	/	134	5670	/	/
/	/	/	/	142*	5710	/	/

For 802.11ac vht80/ax he80:

5150-5250MHz		5250-5350 MHz		5470-5725 MHz		5725-5850MHz	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	58	5290	106	5530	155	5775
/	/	/	/	122	5610	/	/
/	/	/	/	138*	5690	/	/

Note:

*:Additional channels cross the band 5470-5725MHz and 5725-5850 MHz, Conducted output power/ Power Spectral Density/bandwidth test with the additional channel to compliance with stricter limit of the two bands(5470-5725MHz more stricter).

3.2 EUT Operation Condition

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

EUT Exercise Software:		DRTU			
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	
				Chain 0	Chain 1
802.11a	Lowest	5180	6Mbps	17.5	18.375
	Middle	5200	6Mbps	17.5	18.375
	Highest	5240	6Mbps	17.5	18.375
802.11n ht20	Lowest	5180	MCS0	17.5	18.375
	Middle	5200	MCS0	17.5	18.375
	Highest	5240	MCS0	17.5	18.375
802.11n ht40	Lowest	5190	MCS0	17.5	18.375
	Highest	5230	MCS0	17.5	18.375
802.11ac vht80	Middle	5210	MCS0	17.5	18.375
802.11ax he20	Lowest	5180	MCS0	17.5	18.375
	Middle	5200	MCS0	17.5	18.375
	Highest	5240	MCS0	17.5	18.375
802.11ax he40	Lowest	5190	MCS0	17.5	18.375
	Highest	5230	MCS0	17.5	18.375
802.11ax he80	Middle	5210	MCS0	17.5	18.375
5250-5350 MHz Band:					
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting	
				Chain 0	Chain 1
802.11a	Lowest	5260	6Mbps	17.5	17.75
	Middle	5280	6Mbps	17.5	17.75
	Highest	5320	6Mbps	17.5	17.75
802.11n ht20	Lowest	5260	MCS0	17.5	17.75
	Middle	5280	MCS0	17.5	17.75
	Highest	5320	MCS0	17.5	17.75
802.11n ht40	Lowest	5270	MCS0	17.5	17.75
	Highest	5310	MCS0	17.5	17.75
802.11ac vht80	Middle	5290	MCS0	17.5	17.75
802.11ax he20	Lowest	5260	MCS0	17.5	17.75
	Middle	5280	MCS0	17.5	17.75
	Highest	5320	MCS0	17.5	17.75
802.11ax he40	Lowest	5270	MCS0	17.5	17.75
	Highest	5310	MCS0	17.5	17.75
802.11ax he80	Middle	5290	MCS0	17.5	17.75

5470-5725 MHz Band:					
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting	
				Chain 0	Chain 1
802.11a	Lowest	5500	6Mbps	16.5	16.875
	Middle	5580	6Mbps	16.5	16.875
	Highest	5700	6Mbps	16.5	16.875
	Cross	5720	6Mbps	16.5	16.875
802.11n ht20	Lowest	5500	MCS0	16.5	16.875
	Middle	5580	MCS0	16.5	16.875
	Highest	5700	MCS0	16.5	16.875
	Cross	5720	MCS0	16.5	16.875
802.11n ht40	Lowest	5510	MCS0	16.5	16.875
	Middle	5550	MCS0	16.5	16.875
	Highest	5670	MCS0	16.5	16.875
	Cross	5710	MCS0	16.5	16.875
802.11ac vht80	Lowest	5530	MCS0	16.5	16.875
	Highest	5610	MCS0	16.5	16.875
	Cross	5690	MCS0	16.5	16.875
802.11ax he20	Lowest	5500	MCS0	16.5	16.875
	Middle	5580	MCS0	16.5	16.875
	Highest	5700	MCS0	16.5	16.875
	Cross	5720	MCS0	16.5	16.875
802.11ax he40	Lowest	5510	MCS0	16.5	16.875
	Middle	5550	MCS0	16.5	16.875
	Highest	5670	MCS0	16.5	16.875
	Cross	5710	MCS0	16.5	16.875
802.11ax he80	Lowest	5530	MCS0	16.5	16.875
	Highest	5610	MCS0	16.5	16.875
	Cross	5690	MCS0	16.5	16.875
5725-5850 MHz Band:					
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting	
				Chain 0	Chain 1
802.11a	Lowest	5745	6Mbps	24	24
	Middle	5785	6Mbps	24	24
	Highest	5825	6Mbps	24	24
802.11n ht20	Lowest	5745	MCS0	24	24
	Middle	5785	MCS0	24	24
	Highest	5825	MCS0	24	24
802.11n ht40	Lowest	5755	MCS0	24	24
	Highest	5795	MCS0	24	24
802.11ac vht80	Middle	5775	MCS0	24	24
802.11ax he20	Lowest	5745	MCS0	24	24
	Middle	5785	MCS0	24	24
	Highest	5825	MCS0	24	24
802.11ax he40	Lowest	5755	MCS0	24	24
	Highest	5795	MCS0	24	24
802.11ax he80	Middle	5775	MCS0	24	24

Note:

1. The system support 802.11a/n ht20/n ht40/ac vht20/ac vht40/ac vht80/ ax he20/ax he40/ax he80, the ac vht20/ac vht40 were reduced since the identical parameters with 802.11n ht20 and 802.11n ht40.
2. 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. The device only support SISO.
4. For 802.11 ax mode, the device only supports full-RU.

3.3 Support Equipment List and Details

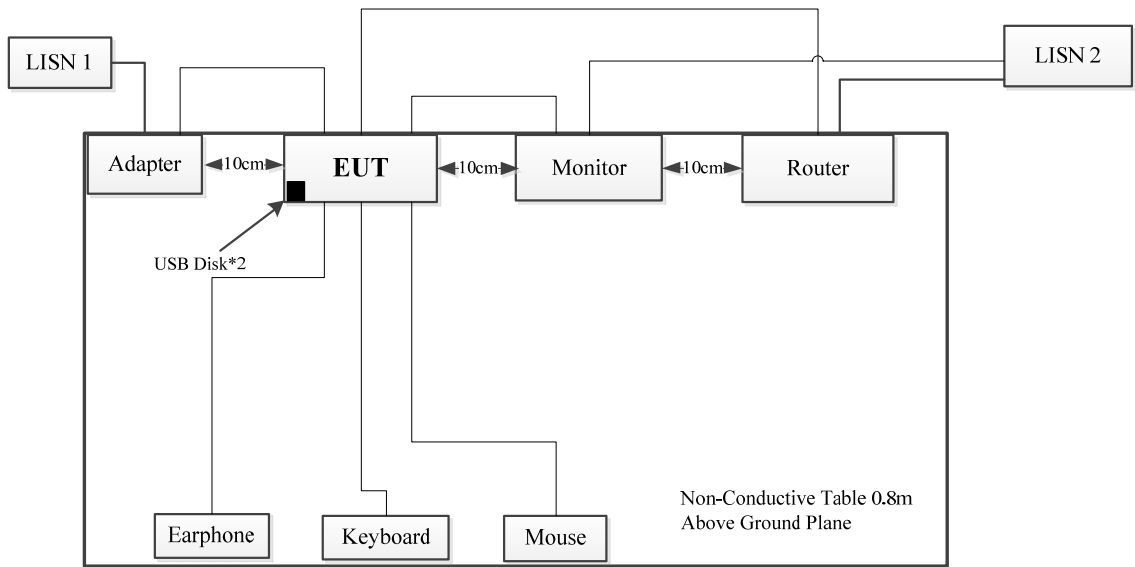
Manufacturer	Description	Model	Serial Number
Kingston	USB Flash Disk	32G	EMZBUD21103001
SANDisk	USB Flash Disk	16G	BL201026115 B
Keenion	Earphone	KDM-911	EMZBEP21103003B
TOTO Link	Router	LR1200	190924004S1
DELL	Monitor	U3011t	CN-OPH5NY-74445-17M-114L
PHILIPS	Keyboard	SPK6234	K234210510742
PHILIPS	Mouse	SPK7214	M214BQ210411115

3.4 Support Cable List and Details

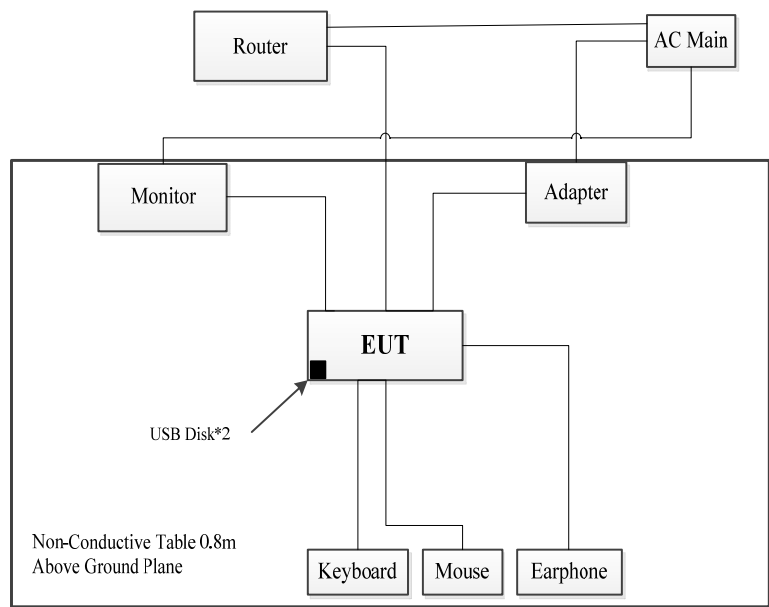
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
DC Cable	no	no	1.8	Adapter	EUT
HDMI Cable	no	no	1.5	Monitor	EUT
RJ45 Cable	no	no	1.5	Router	EUT
Keyboard Cable	no	no	1.2	Keyboard	EUT
Mouse Cable	no	no	1.2	Mouse	EUT
Earphone Cable	no	no	1.2	Earphone	EUT

3.5 Block Diagram of Test Setup

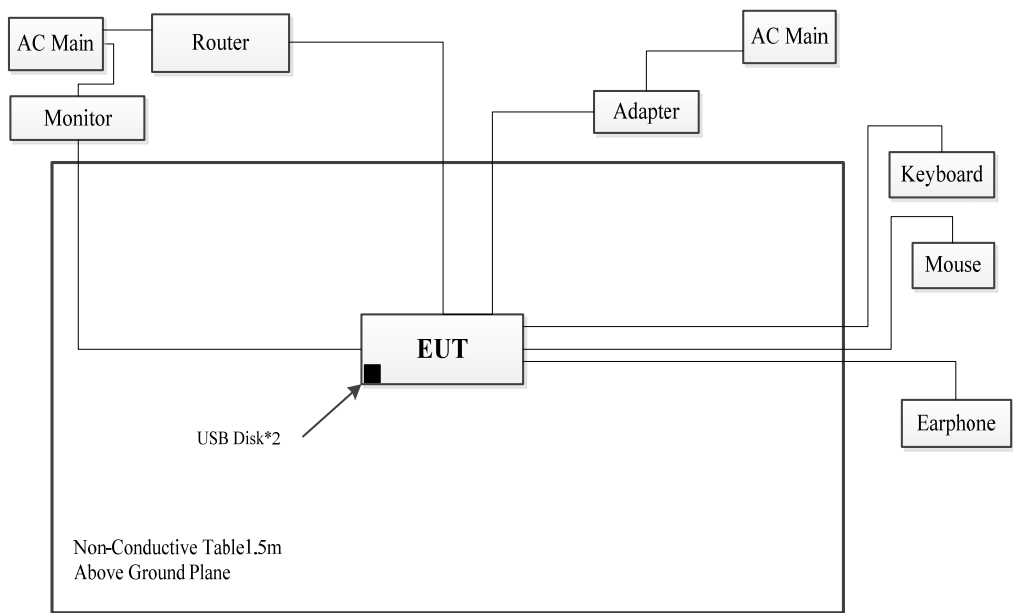
AC line conducted emissions:



Spurious Emissions:
Below 1GHz:



Above 1GHz:



3.6 Test Facility

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

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

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

3.7 Measurement Uncertainty

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

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	9kHz~30MHz: 3.3dB, 30MHz~200MHz: 4.55 dB, 200MHz~1GHz: 5.92 dB, 1GHz~6GHz: 4.98 dB, 6GHz~18GHz: 5.89 dB, 18GHz~26.5GHz:5.47 dB, 26.5GHz~40GHz:5.63 dB
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1 °C
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	3.11 dB (150 kHz to 30 MHz)

4. REQUIREMENTS AND TEST PROCEDURES

4.1 AC Line Conducted Emissions

4.1.1 Applicable Standard

FCC§15.207(a).

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN).

Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

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

*Decreases with the logarithm of the frequency.

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

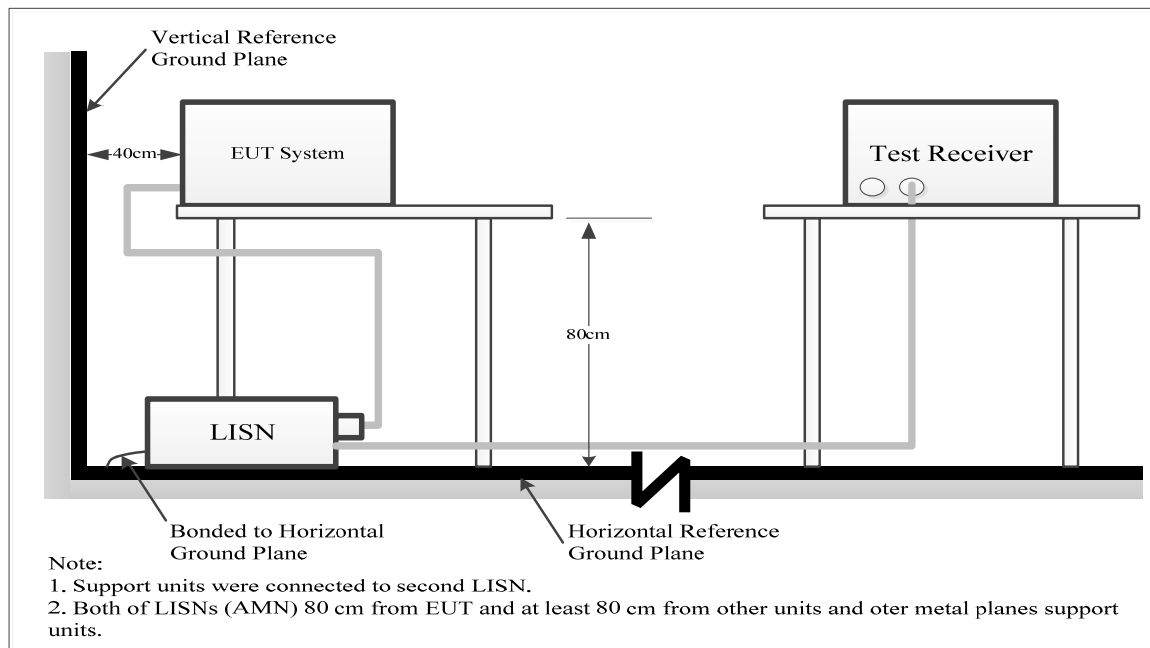
(1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.

(2) For all other carrier current systems: 1000 μ V within the frequency band 535-1705 kHz, as measured using a 50 μ H/50 ohms LISN.

(3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221, §15.223, or §15.227, as appropriate.

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

4.1.2 EUT Setup



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

The spacing between the peripherals was 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.

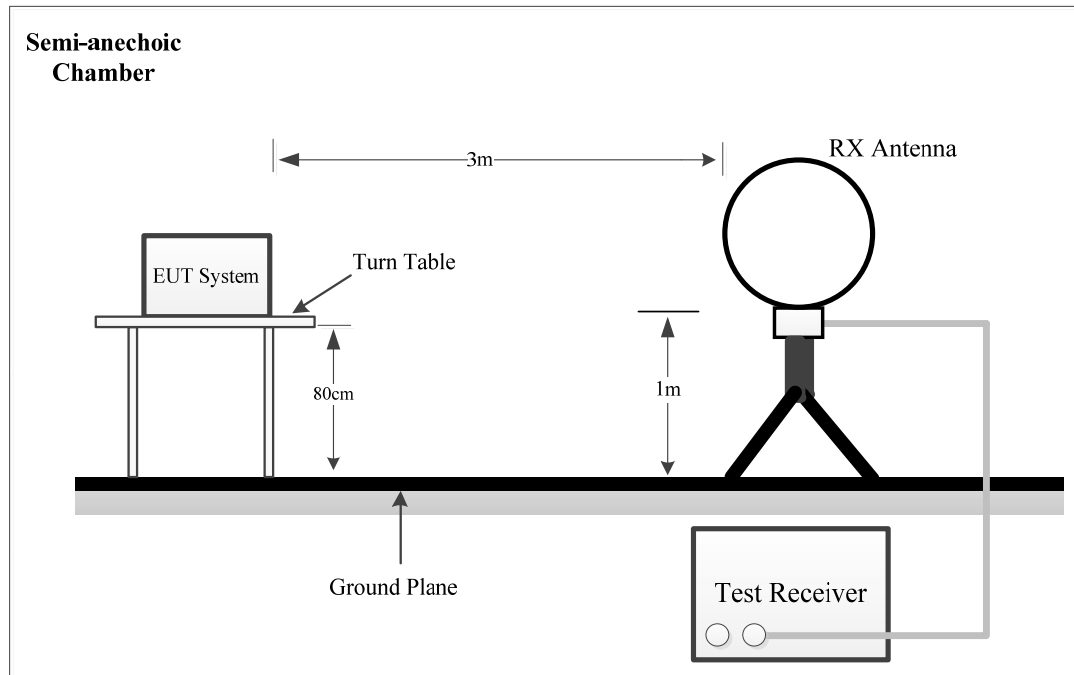
(10) The provisions of § 15.205 apply to intentional radiators operating under this section.

(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.

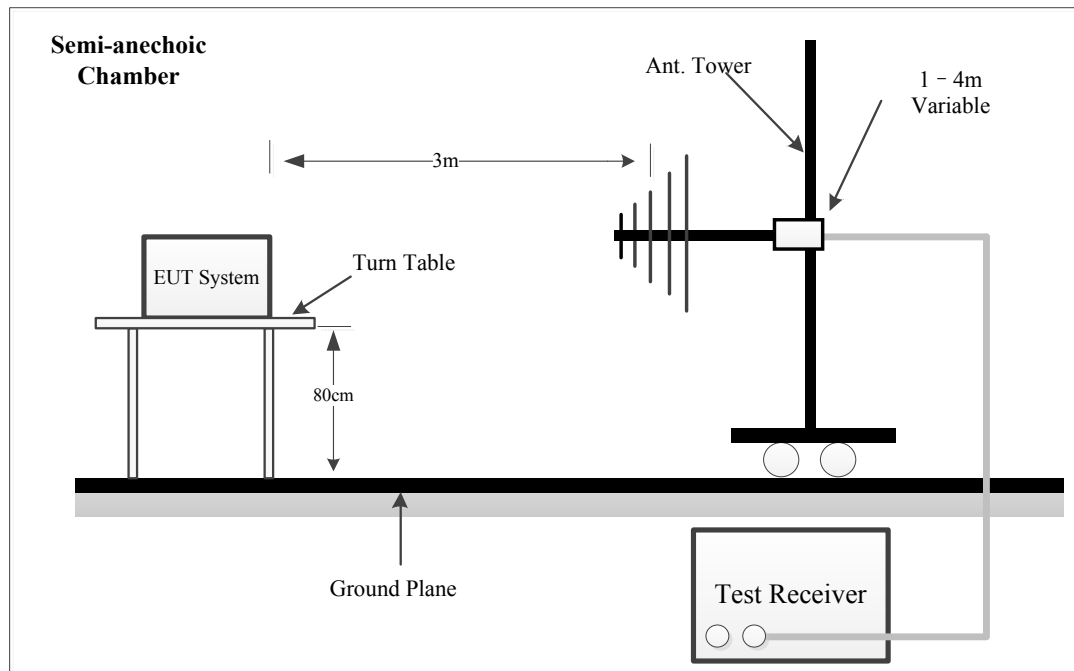
(c) The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

4.2.2 EUT Setup

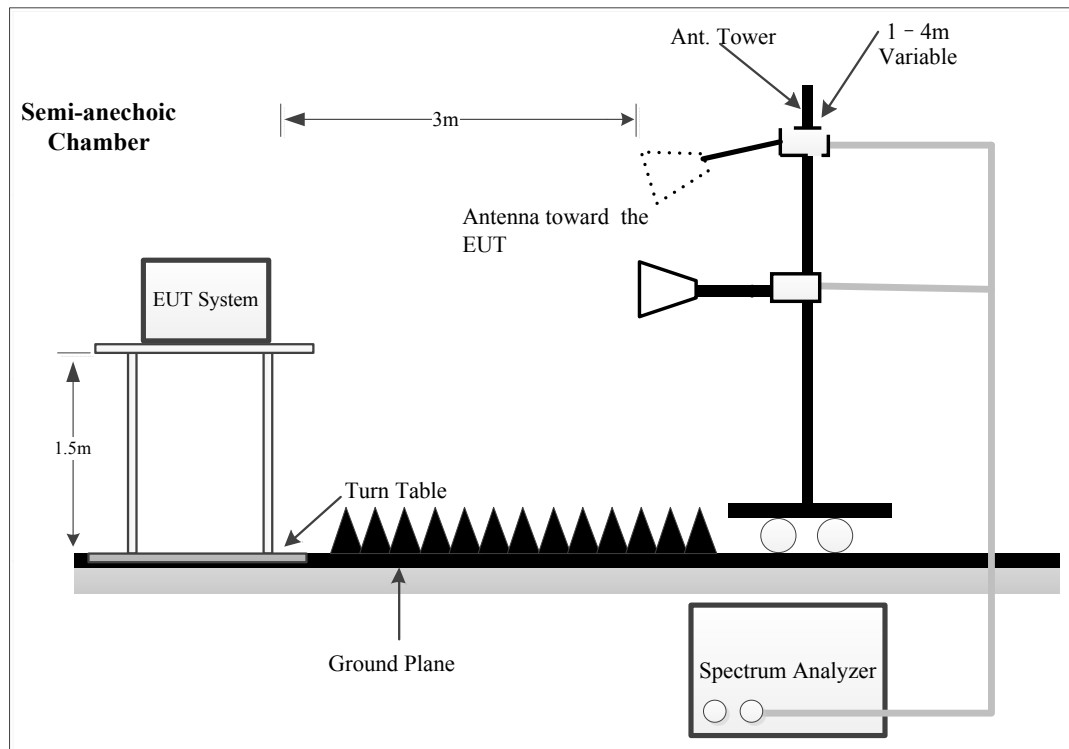
9kHz~30MHz:



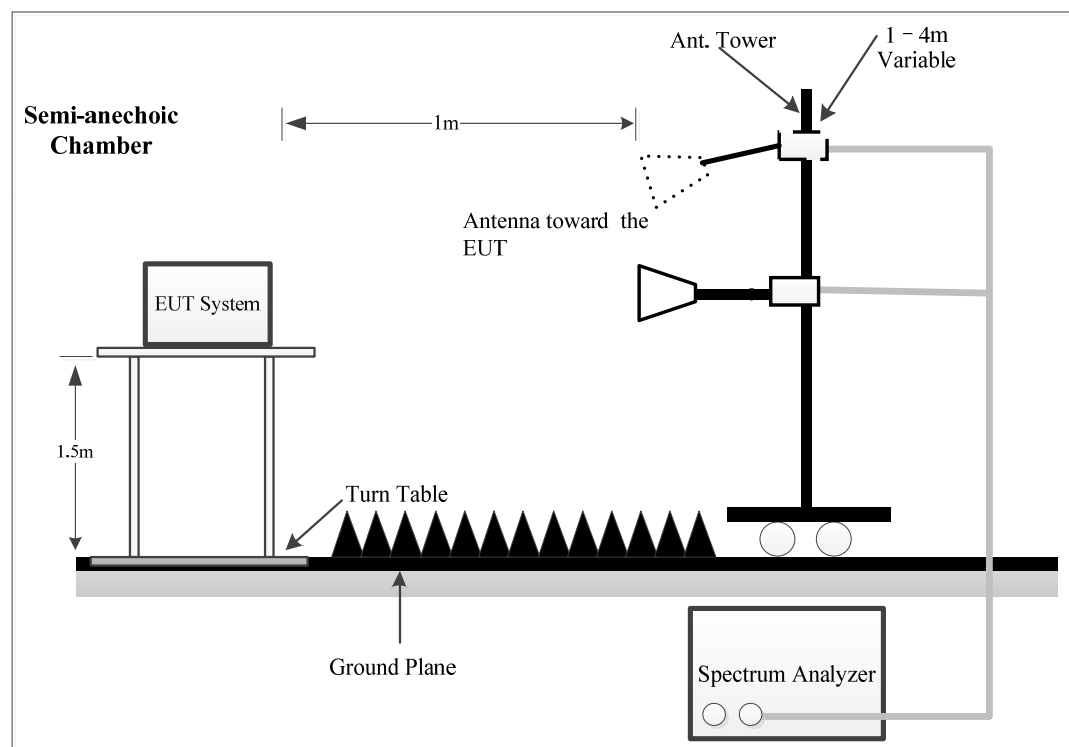
30MHz~1GHz:



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 limits.

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

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

4.2.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

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

9kHz-1000MHz:

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

1GHz- 40GHz:

Pre-scan:

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

Final measurement for emission identified during the pre-scan:

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

Note: T is minimum transmission duration

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.

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

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

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 $\mu\text{V/m}$

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

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

4.2.6 Test Result

Please refer to section 5.2.

4.3 Emission Bandwidth

4.3.1 Applicable Standard

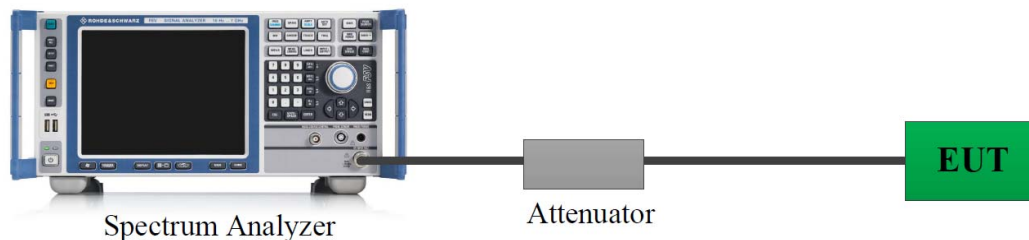
FCC §15.407 (a),(h)

(h)(2) Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems.

FCC §15.407 (e)

Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

4.3.2 EUT Setup



4.3.3 Test Procedure

26dB Emission Bandwidth:

According to ANSI C63.10-2020 Section 12.5.2

- Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

6 dB emission bandwidth:

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

- Set RBW = 100 kHz.
- Set the video bandwidth (VBW) ≥ 3 RBW.
- Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Allow the trace to stabilize.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described in this section. For devices that use channel aggregation refer to III.A and III.C for determining emission bandwidth.

99% Occupied Bandwidth:

According to ANSI C63.10-2020 Section 12.5.3&6.9.3

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

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.6.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

4.3.4 Test Result

Please refer to section 5.3 and section 5.4.

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.

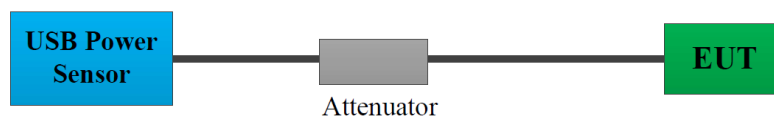
FCC §15.407(a) (2)

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.

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 5.5.

4.5 Maximum Power Spectral Density

4.5.1 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.

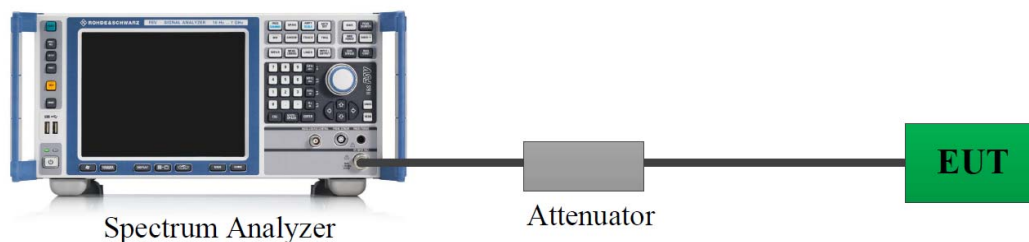
FCC §15.407(a) (2)

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.

4.5.2 EUT Setup



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

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

4.5.3 Test Procedure

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

Duty cycle $\geq 98\%$

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

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

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

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

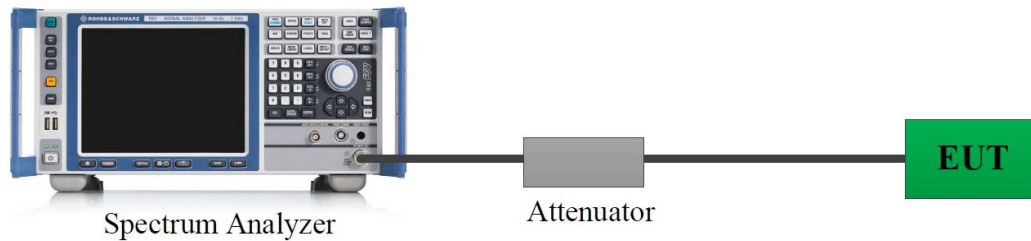
KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-3 should be applied.

4.5.4 Test Result

Please refer to section 5.6.

4.6 Duty Cycle

4.6.1 EUT Setup



4.6.2 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 $T \leq 16.7 \mu s$.)

4.6.3 Judgment

Report Only. Please refer to section 5.7.

4.7 Antenna Requirement

4.7.1 Applicable Standard

FCC §15.203

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

4.7.2 Judgment

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

5. TEST DATA AND RESULTS

5.1 AC Line Conducted Emissions

Serial Number:	34B2-2	Test Date:	2025/9/15
Test Site:	CE	Test Mode:	Transmitting
Tester:	Yukin Qiu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	28.3	Relative Humidity: (%)	54	ATM Pressure: (kPa)	101.3
----------------------	------	---------------------------	----	------------------------	-------

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).

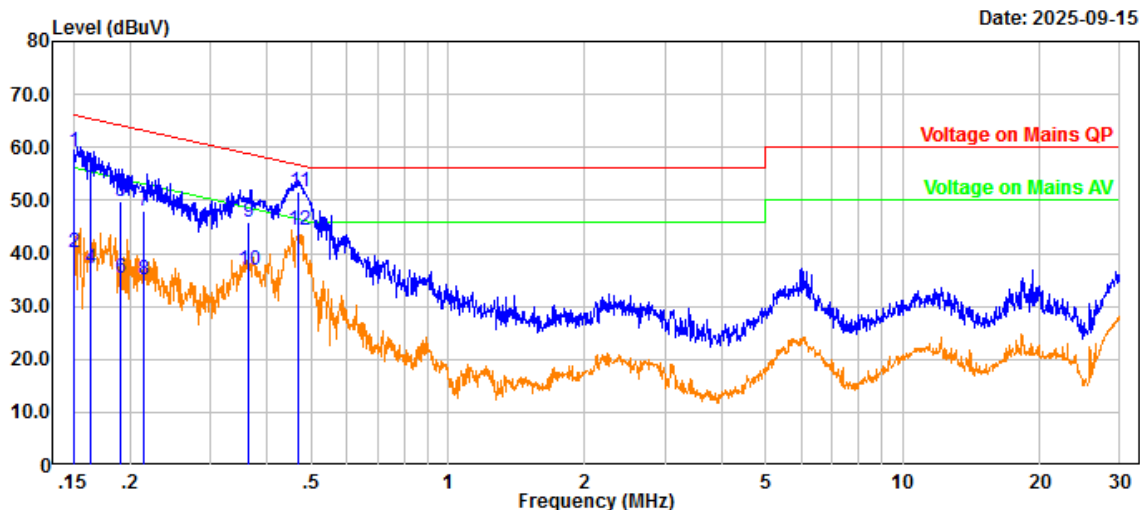
Test Data:

Please refer to the below plots.

Note: 802.11n40 5230MHz Chain 1 was tested.

Project No.: 2502U62651E-RF
Port: Line
Test Mode: Transmitting
IF B/W 9kHz PK/AV

Serial No.: 34B2-2
Tester: Yukin Qiu
Note: 5G

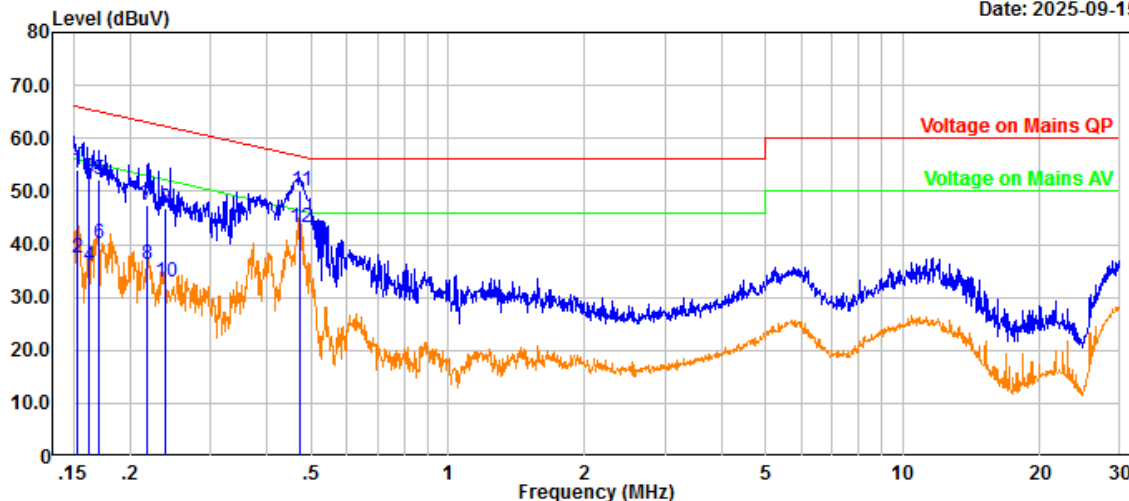


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.150	48.00	11.20	59.20	65.99	6.79	QP
2	0.150	28.82	11.20	40.02	55.99	15.97	Average
3	0.164	43.12	11.09	54.21	65.27	11.06	QP
4	0.164	26.03	11.09	37.12	55.27	18.15	Average
5	0.190	38.83	10.88	49.71	64.04	14.33	QP
6	0.190	24.51	10.88	35.39	54.04	18.65	Average
7	0.214	37.15	10.79	47.94	63.03	15.09	QP
8	0.214	24.15	10.79	34.94	53.03	18.09	Average
9	0.364	35.08	10.70	45.78	58.64	12.86	QP
10	0.364	26.07	10.70	36.77	48.64	11.87	Average
11	0.470	40.98	10.63	51.61	56.52	4.91	QP
12	0.470	33.88	10.63	44.51	46.52	2.01	Average

Project No.: 2502U62651E-RF
Port: neutral
Test Mode: Transmitting
IF B/W 9kHz PK/AV

Serial No.: 3482-2
Tester: Yukin Qiu
Note: 5G

Date: 2025-09-15



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Measurement
1	0.154	43.25	10.71	53.96	65.80	11.84	QP
2	0.154	26.61	10.71	37.32	55.80	18.48	Average
3	0.163	41.65	10.75	52.40	65.33	12.93	QP
4	0.163	25.06	10.75	35.81	55.33	19.52	Average
5	0.171	41.39	10.78	52.17	64.91	12.74	QP
6	0.171	29.40	10.78	40.18	54.91	14.73	Average
7	0.217	36.61	10.88	47.49	62.92	15.43	QP
8	0.217	25.34	10.88	36.22	52.92	16.70	Average
9	0.240	36.03	10.85	46.88	62.11	15.23	QP
10	0.240	22.12	10.85	32.97	52.11	19.14	Average
11	0.473	39.71	10.55	50.26	56.46	6.20	QP
12	0.473	32.48	10.55	43.03	46.46	3.43	Average

5.2 Radiation Spurious Emissions

1) 9kHz - 1GHz

Serial Number:	34B2-2	Test Date:	2025/7/12~2025/8/21
Test Site:	Chamber 10m	Test Mode:	Transmitting
Tester:	Zoo Zou	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	24.6-28	Relative Humidity: (%)	41-42	ATM Pressure: (kPa)	100.2-101.1

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
EMCO	Passive Loop Antenna	6512	9706-1206	2023/10/25	2026/10/24
Sunol Sciences	Hybrid Antenna	JB3	A060611-1	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	2024/8/26	2025/8/25
R&S	EMI Test Receiver	ESR3	102453	2024/8/26	2025/8/25
Audix	Test Software	E3	191218 V9	N/A	N/A

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

Test Data:

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

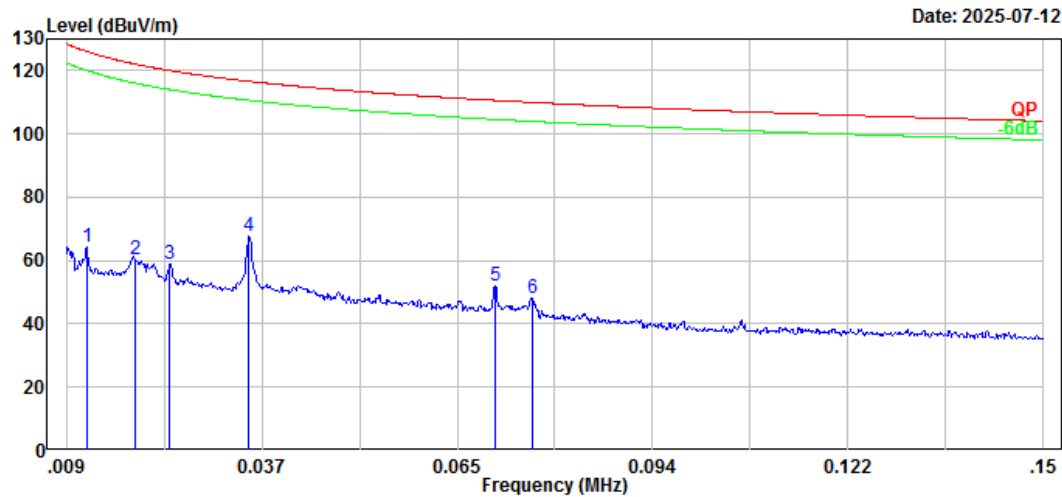
Note: 802.11n40 5230MHz Chain 1 was tested.

9kHz~30MHz

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

Project No.: 2502U62651E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: 5G Wifi Chain1
RBW:200Hz VBW:1kHz

Serial No.: 3482-2
Tester: Zoo Zou

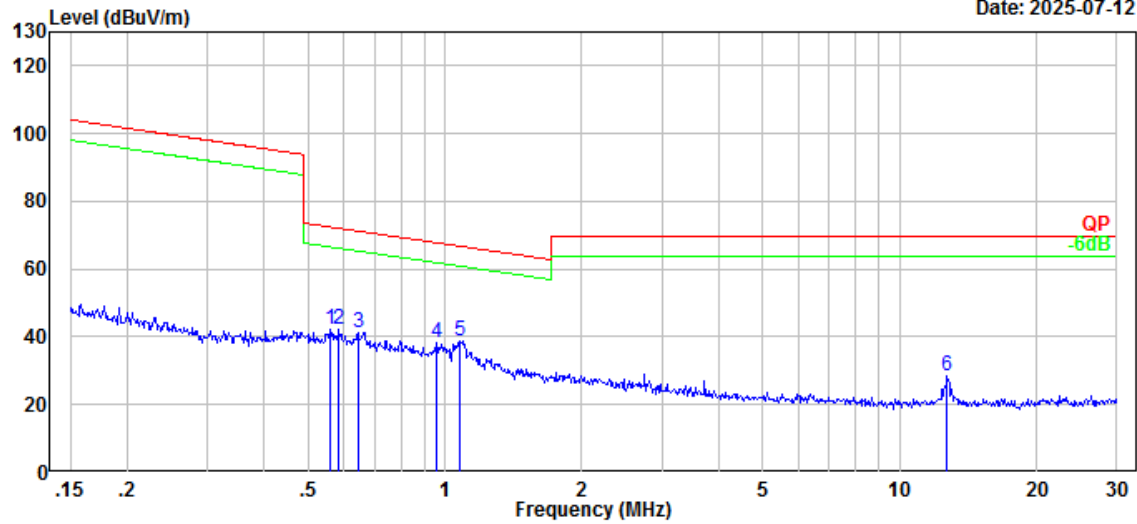


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	0.012	11.86	52.30	64.16	126.05	61.89	Peak
2	0.019	9.98	50.32	60.30	122.03	61.73	Peak
3	0.024	9.72	49.05	58.77	120.02	61.25	Peak
4	0.035	20.99	46.60	67.59	116.63	49.04	Peak
5	0.071	11.51	40.44	51.95	110.59	58.64	Peak
6	0.076	8.46	39.55	48.01	109.96	61.95	Peak

Project No.: 2502U62651E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: 5G Wifi Chain1
RBW:9kHz VBW:30kHz

Serial No.: 3482-2
Tester: Zoo Zou

Date: 2025-07-12



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	0.561	19.10	22.88	41.98	72.60	30.62	Peak
2	0.585	19.50	22.61	42.11	72.22	30.11	Peak
3	0.644	19.30	22.03	41.33	71.38	30.05	Peak
4	0.958	20.84	17.40	38.24	67.85	29.61	Peak
5	1.077	22.58	16.22	38.80	66.82	28.02	Peak
6	12.716	23.80	4.64	28.44	69.54	41.10	Peak

30MHz-1GHz

Project No.: 2502U62651E-RF

Serial No.: 34B2-2

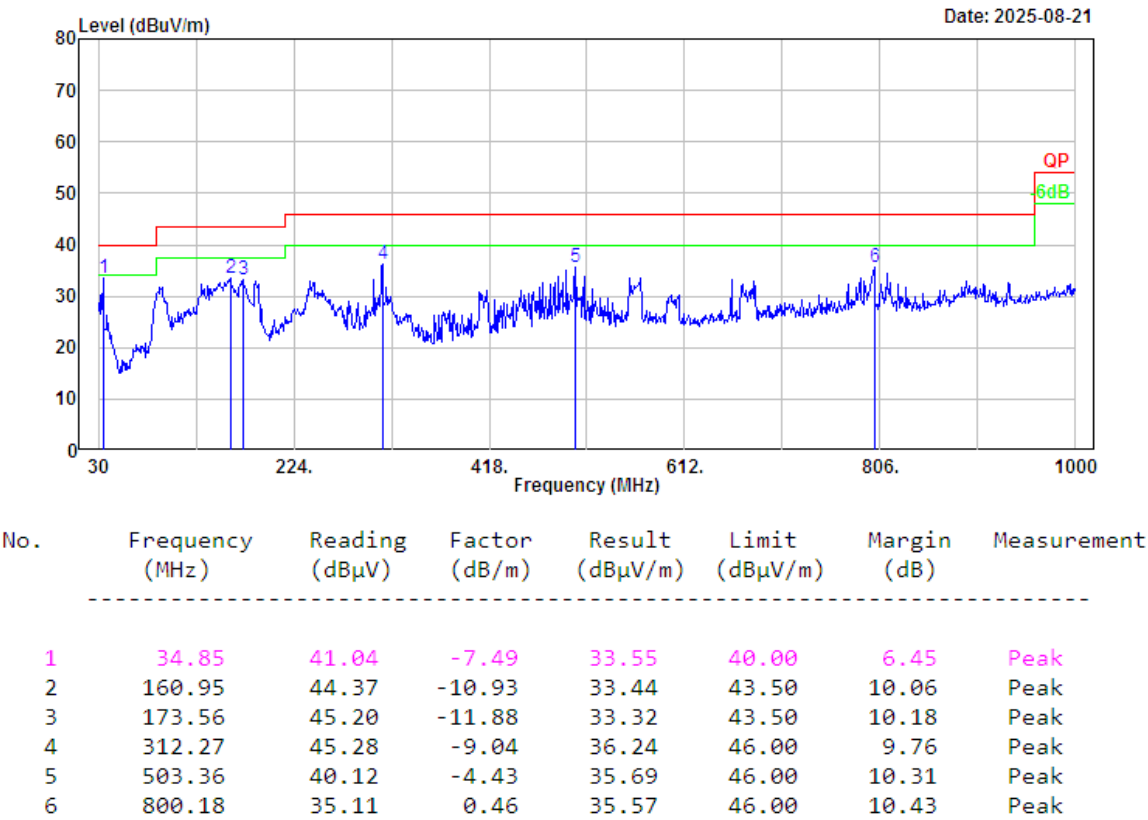
Polarization: Horizontal

Tester: Zoo Zou

Test Mode: Transmitting

Note: 5G Wifi Chain1

RBW:120kHz VBW:500kHz



Project No.: 2502U62651E-RF

Serial No.: 3482-2

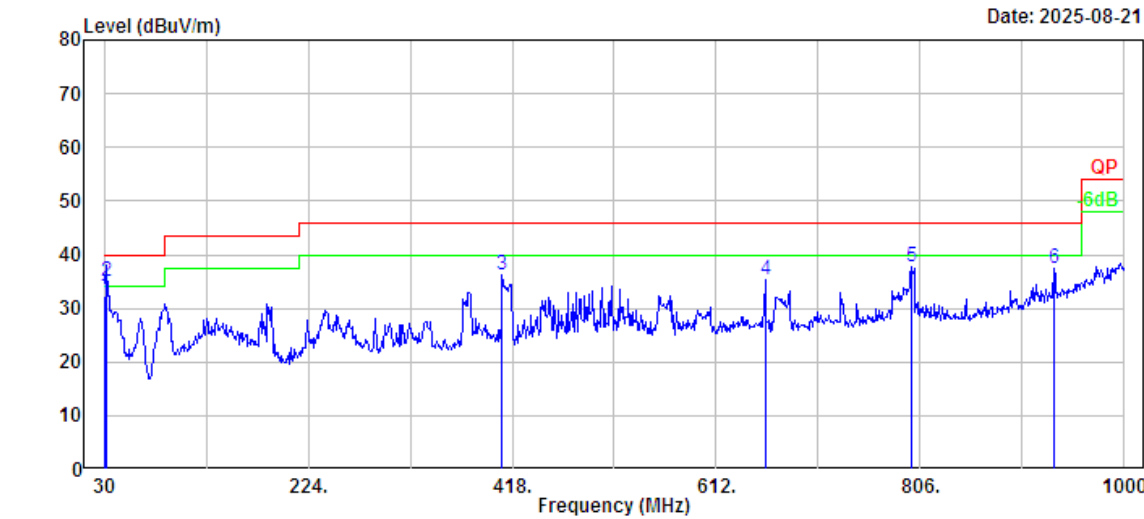
Polarization: Vertical

Tester: Zoo Zou

Test Mode: Transmitting

Note: 5G Wifi Chain1

RBW:120kHz VBW:500kHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	30.00	36.50	-4.10	32.40	40.00	7.60	QP
2	32.91	41.19	-6.12	35.07	40.00	4.93	QP
3	408.30	43.23	-6.98	36.25	46.00	9.75	Peak
4	658.56	37.45	-2.04	35.41	46.00	10.59	Peak
5	797.27	37.20	0.42	37.62	46.00	8.38	Peak
6	933.07	35.59	1.72	37.31	46.00	8.69	Peak

2) 1-40GHz:

Serial Number:	34B2-2	Test Date:	2025/8/30~2025/9/4
Test Site:	Chamber B	Test Mode:	Transmitting
Tester:	Willem Qiu, Leo Xiao, Alan Xie	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	26.4~29.9	Relative Humidity: (%)	37~45	ATM Pressure: (kPa)	100.1~101

Test Equipment List and Details:

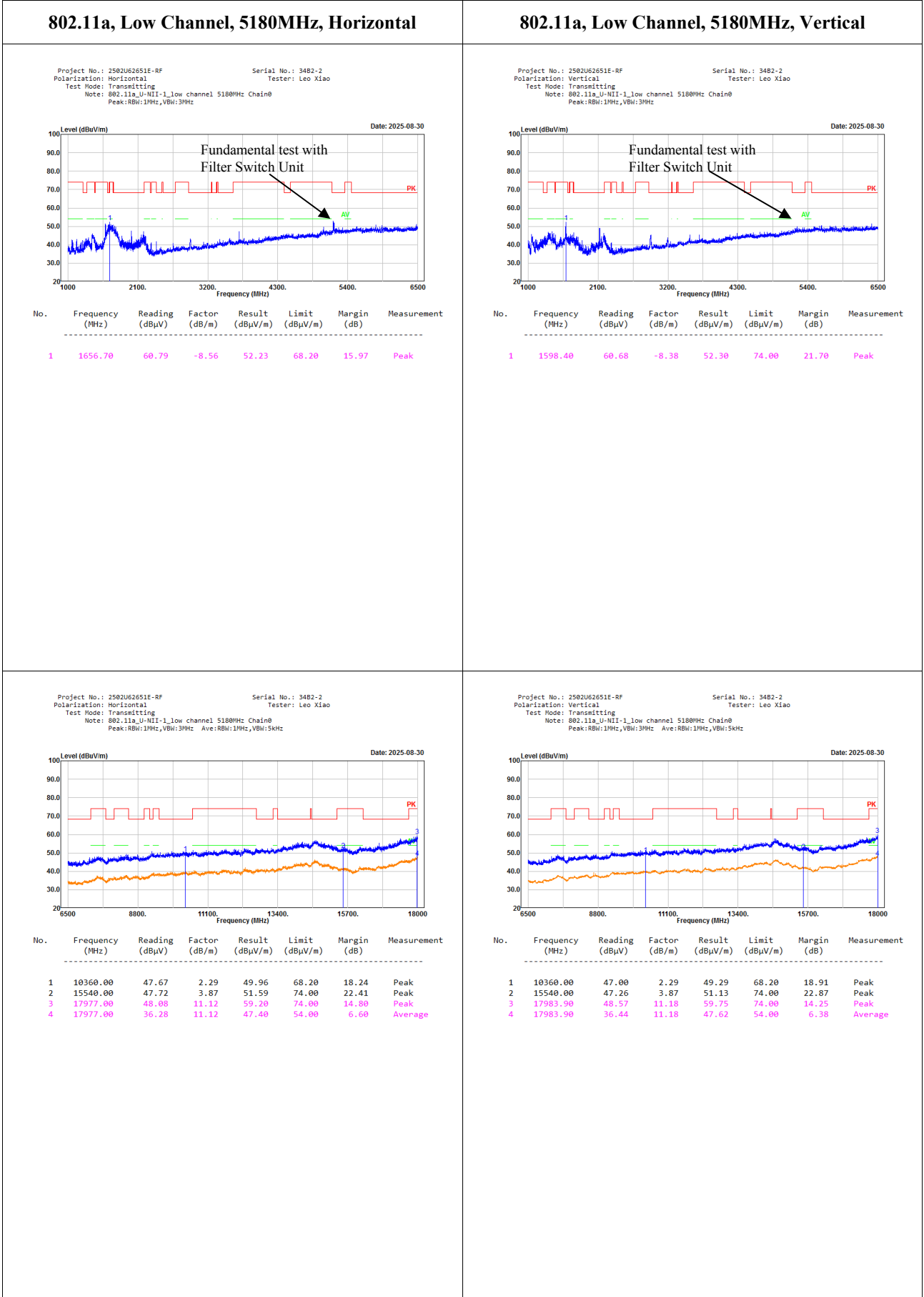
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2023/2/22	2026/2/21
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	2024/9/6	2025/9/5
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).

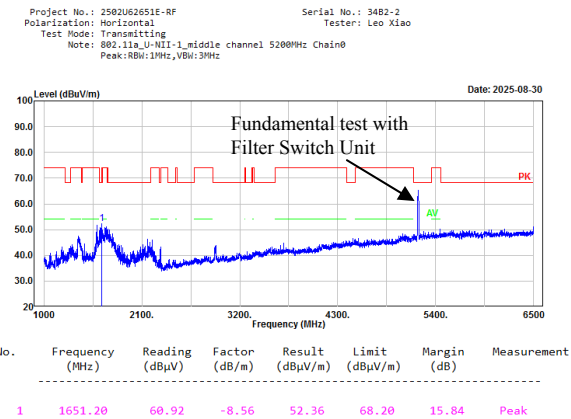
Test Data:

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.

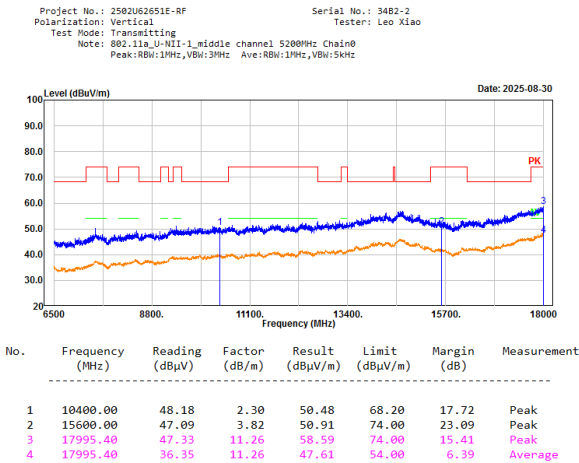
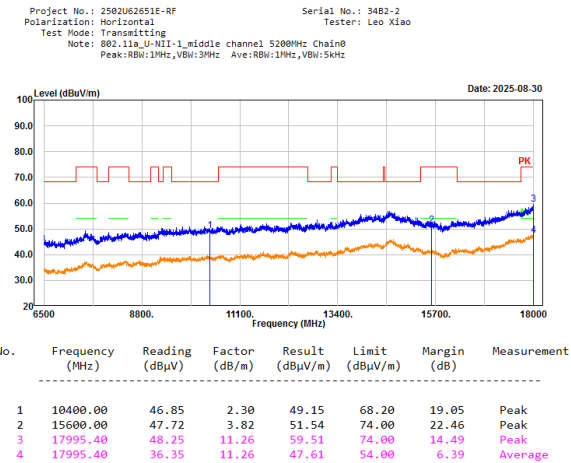
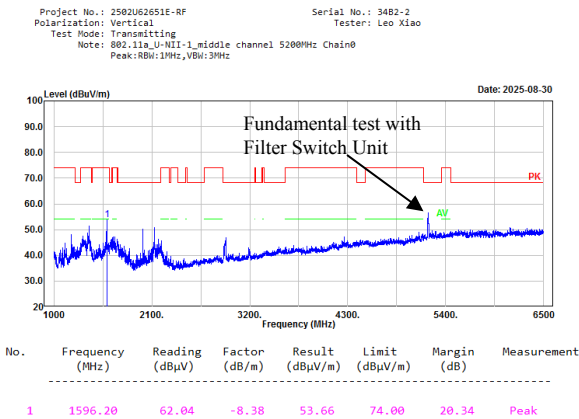
1-18GHz:
5150-5250MHz: Chain 0



802.11a, Middle Channel, 5200MHz, Horizontal



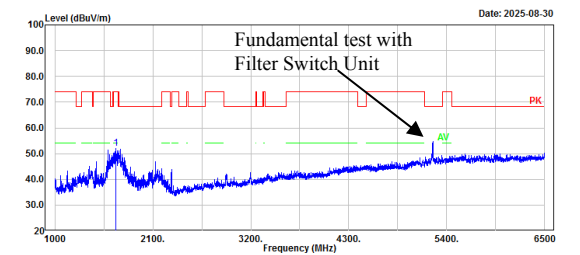
802.11a, Middle Channel, 5200MHz, Vertical



802.11a, High Channel, 5240MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

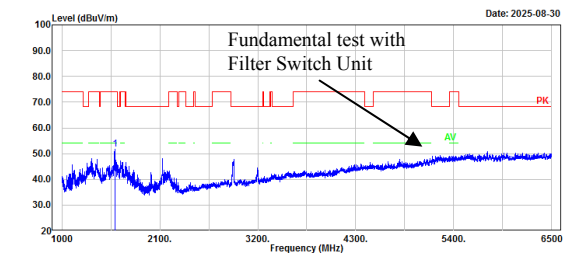


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1686.40	60.70	-8.72	51.98	74.00	22.02	Peak

802.11a, High Channel, 5240MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

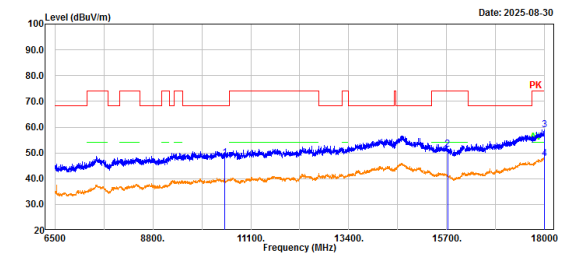
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1594.00	60.22	-8.37	51.85	74.00	22.15	Peak

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

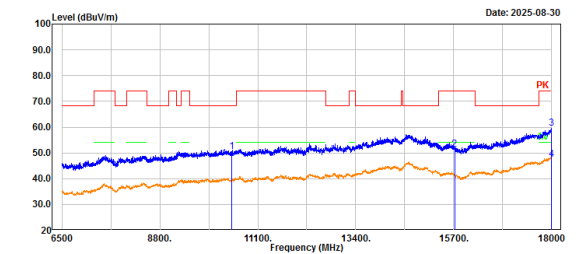
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10480.00	45.65	2.33	47.98	68.20	20.22	Peak
2	15720.00	47.86	3.59	51.45	74.00	22.55	Peak
3	17990.00	47.67	11.23	58.90	74.00	15.10	Peak
4	17990.80	36.46	11.23	47.69	54.00	6.31	Average

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao



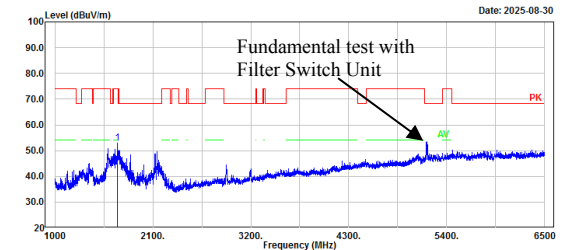
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10480.00	48.13	2.33	50.46	68.20	17.74	Peak
2	15720.00	47.76	3.59	51.35	74.00	22.65	Peak
3	17990.00	48.33	11.23	59.56	74.00	14.44	Peak
4	17990.80	36.37	11.23	47.60	54.00	6.40	Average

Chain 1

802.11a, Low Channel, 5180MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-1_low channel 5180MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

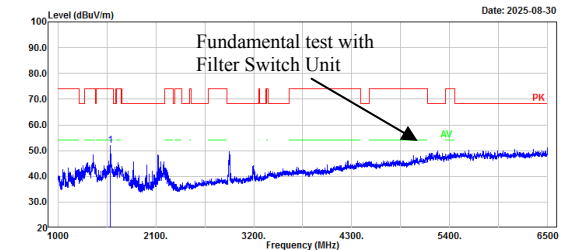


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1702.90	61.70	-8.85	52.85	74.00	21.15	Peak

802.11a, Low Channel, 5180MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-1_low channel 5180MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

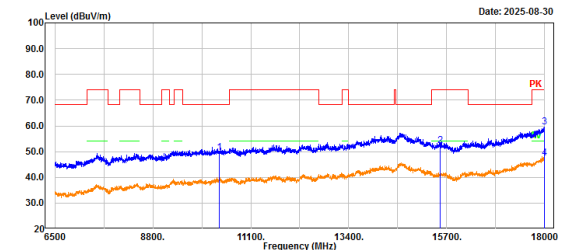
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1591.80	60.33	-8.37	51.96	74.00	22.04	Peak

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-1_low channel 5180MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

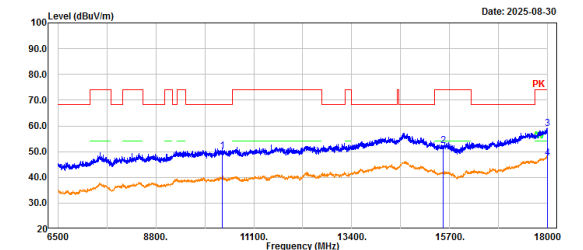
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10360.00	47.37	2.29	49.66	68.20	18.54	Peak
2	15540.00	48.35	3.87	52.22	74.00	21.78	Peak
3	17993.10	48.38	11.25	59.63	74.00	14.37	Peak
4	17993.10	36.33	11.25	47.58	54.00	6.42	Average

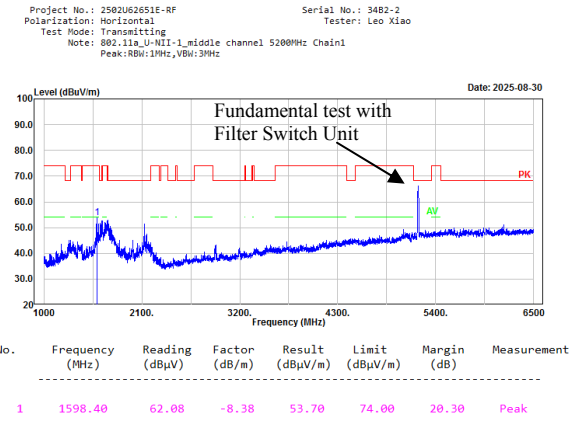
Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-1_low channel 5180MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao

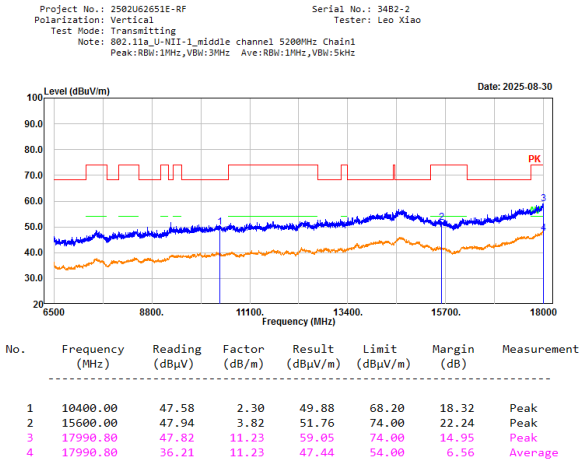
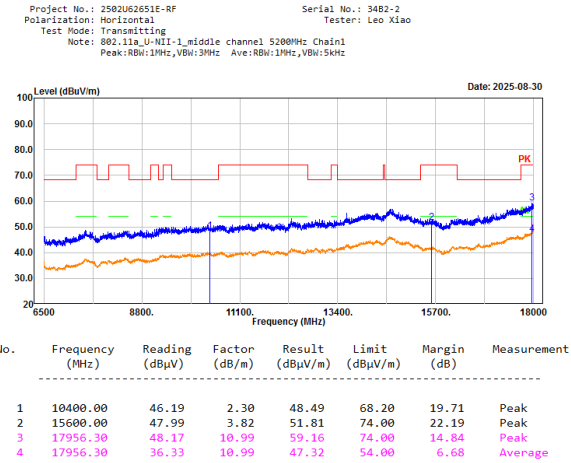
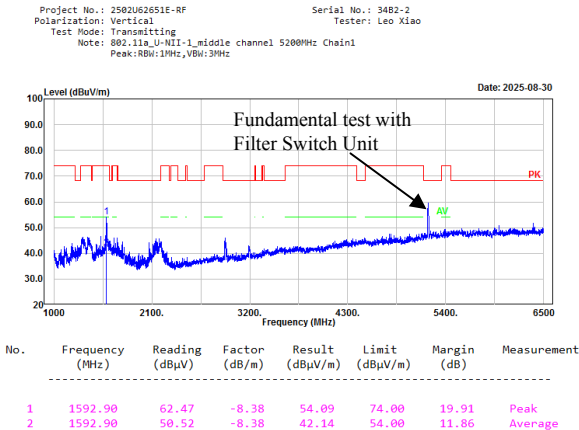


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10360.00	47.92	2.29	50.21	68.20	17.99	Peak
2	15540.00	48.43	3.87	52.30	74.00	21.70	Peak
3	17993.10	47.77	11.25	59.02	74.00	14.98	Peak
4	17993.10	36.21	11.25	47.46	54.00	6.54	Average

802.11a, Middle Channel, 5200MHz, Horizontal



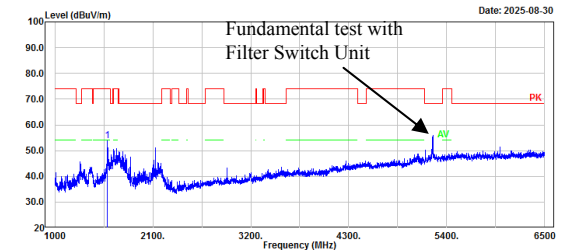
802.11a, Middle Channel, 5200MHz, Vertical



802.11a, High Channel, 5240MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

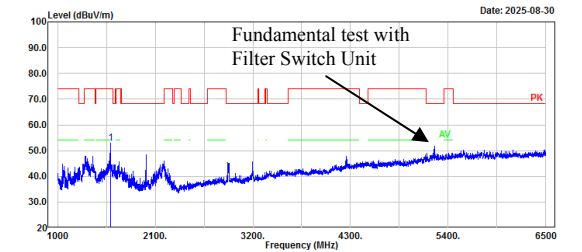


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1592.90	62.11	-8.38	53.73	74.00	20.27	Peak

802.11a, High Channel, 5240MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

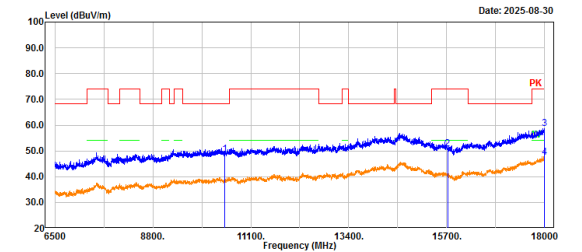
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1597.30	61.14	-8.38	52.76	74.00	21.24	Peak

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

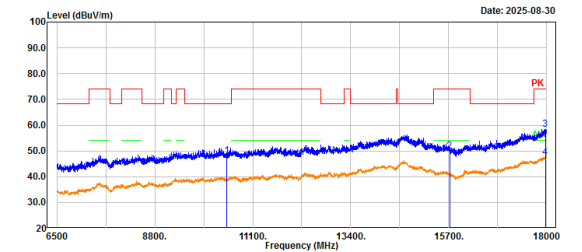
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10480.00	46.50	2.33	48.83	68.20	19.37	Peak
2	15720.00	47.26	3.59	50.85	74.00	23.15	Peak
3	17993.10	47.38	11.25	58.63	74.00	15.37	Peak
4	17993.10	36.32	11.25	47.57	54.00	6.43	Average

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

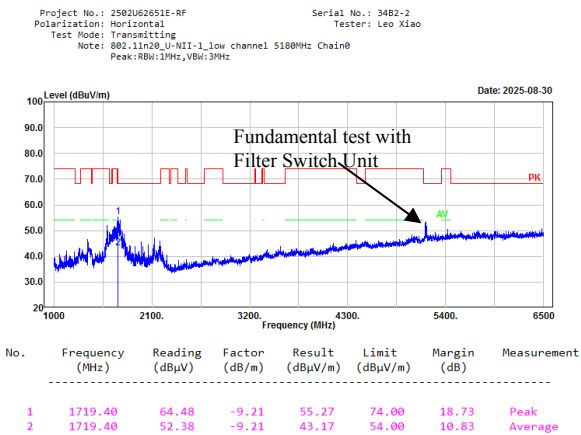
Serial No.: 3482-2
Tester: Leo Xiao



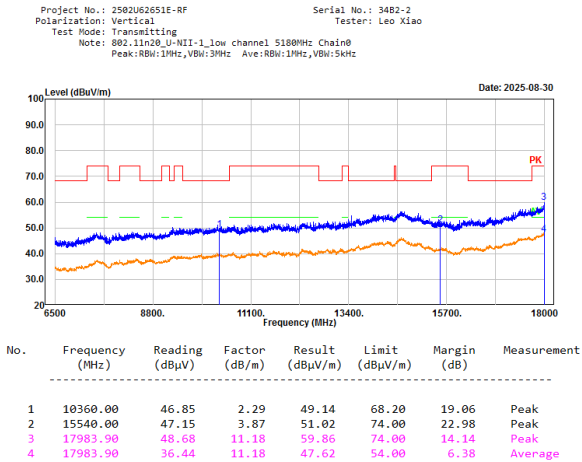
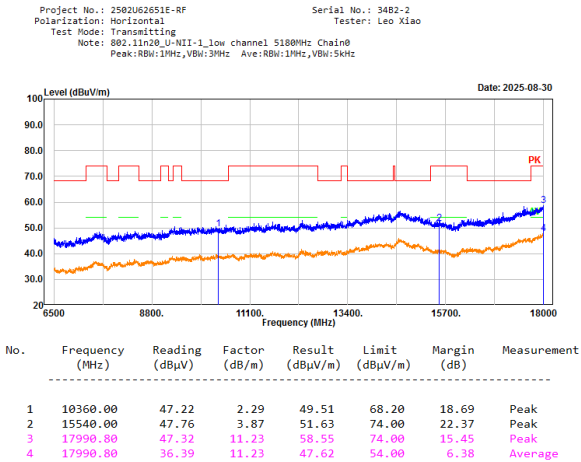
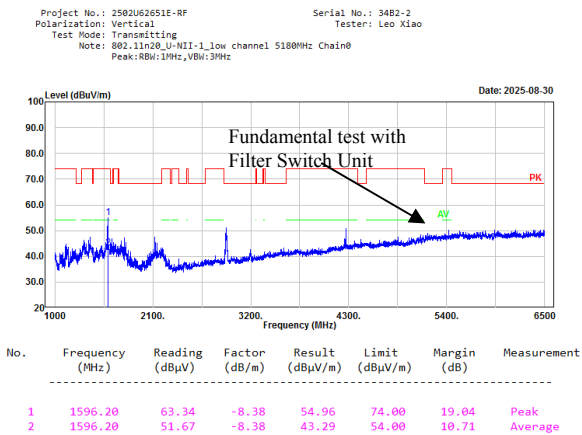
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10480.00	45.74	2.33	48.07	68.20	20.13	Peak
2	15720.00	46.28	3.59	49.87	74.00	24.13	Peak
3	17965.50	47.42	11.05	58.47	74.00	15.53	Peak
4	17965.50	36.33	11.05	47.38	54.00	6.62	Average

Chain 0:

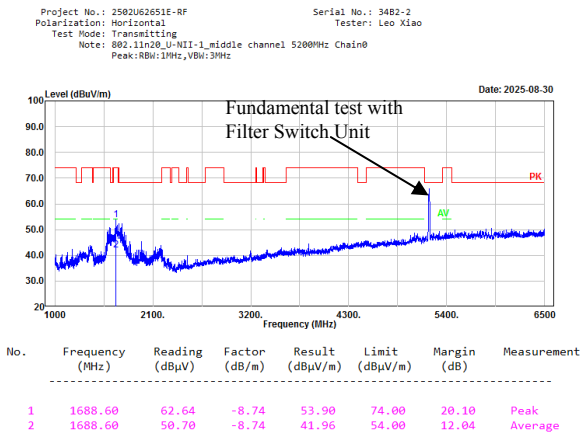
802.11n20, Low Channel, 5180MHz, Horizontal



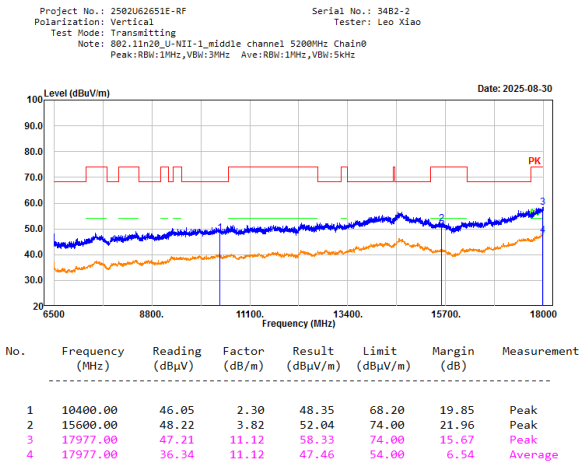
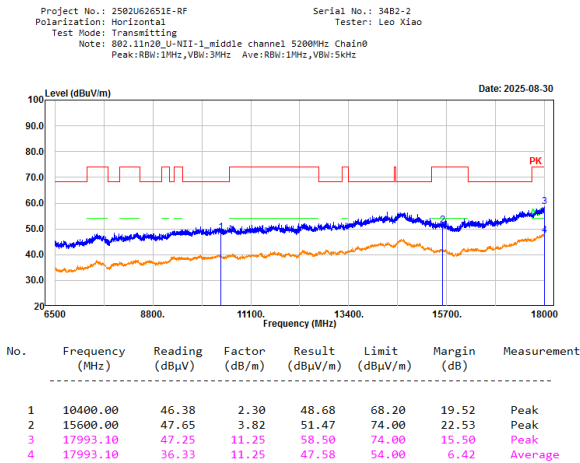
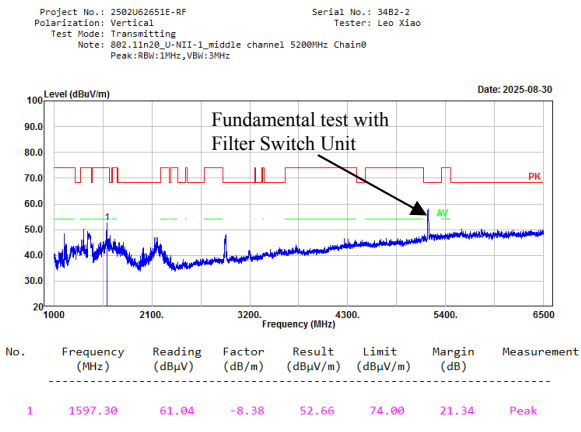
802.11n20, Low Channel, 5180MHz, Vertical



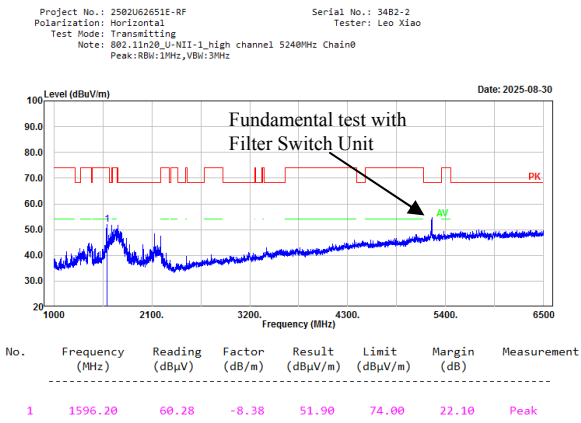
802.11n20, Middle Channel, 5200MHz,Horizontal



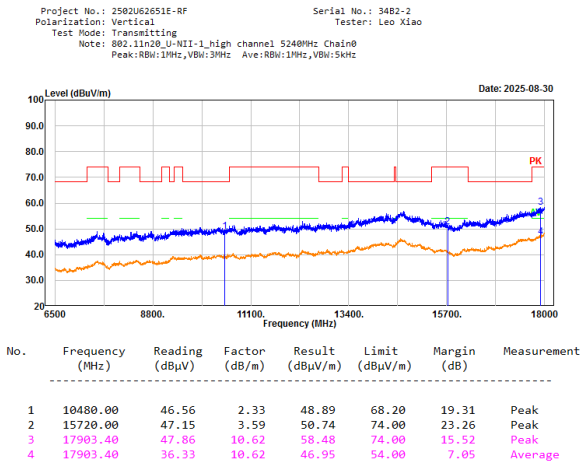
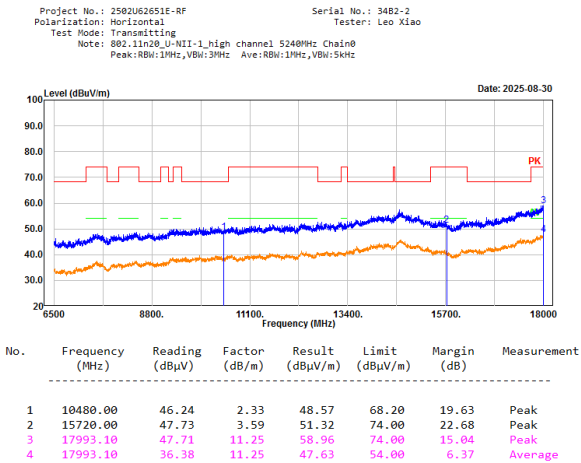
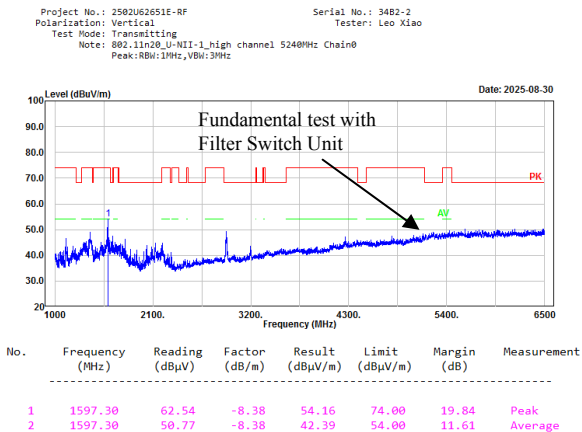
802.11n20, Middle Channel, 5200MHz, Vertical



802.11n20, High Channel, 5240MHz, Horizontal

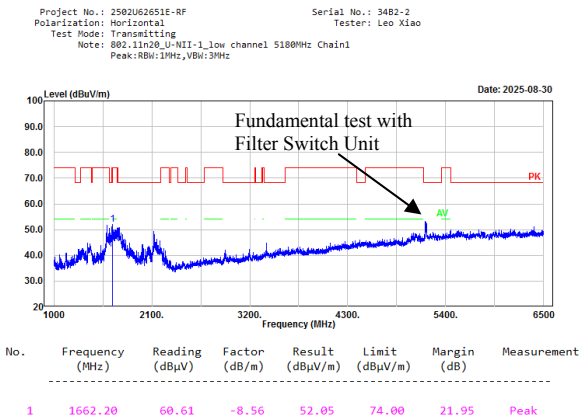


802.11n20, High Channel, 5240MHz, Vertical

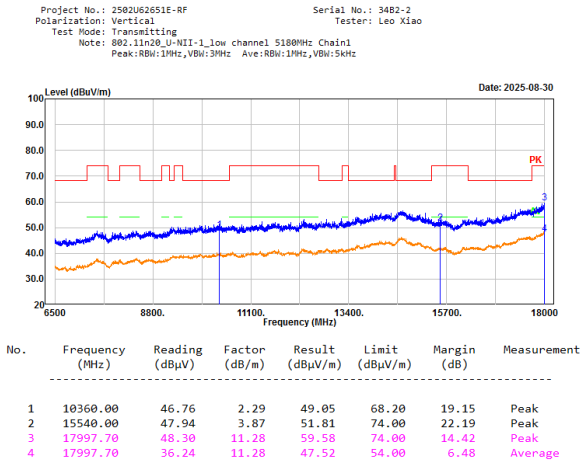
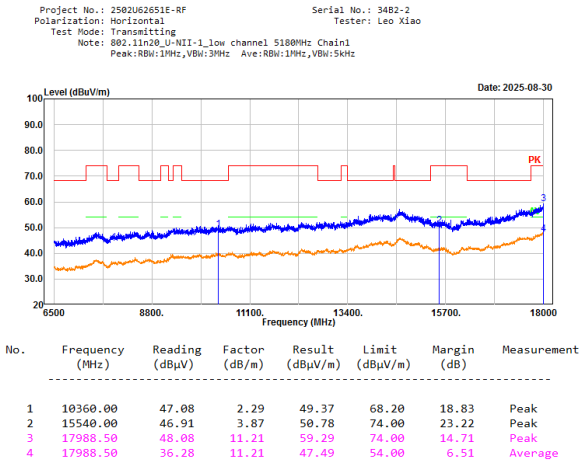
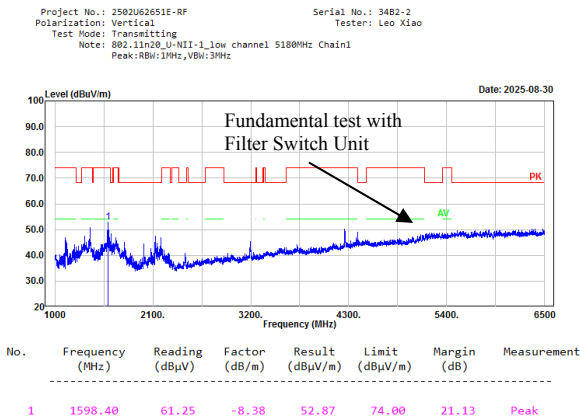


Chain 1

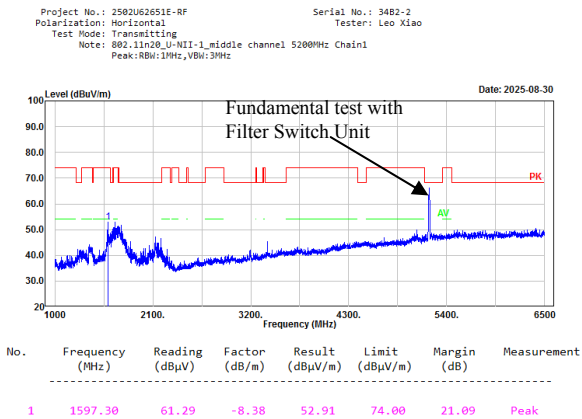
802.11n20, Low Channel, 5180MHz, Horizontal



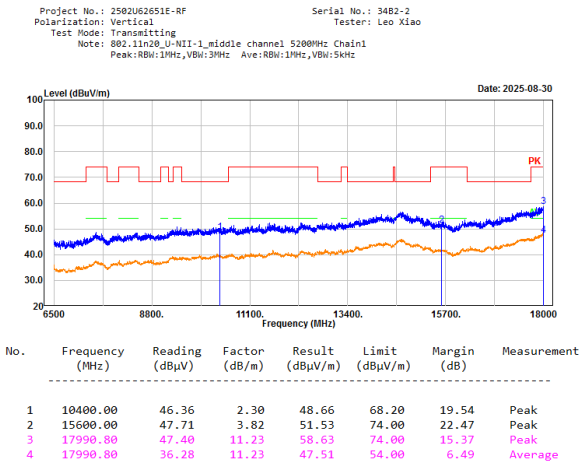
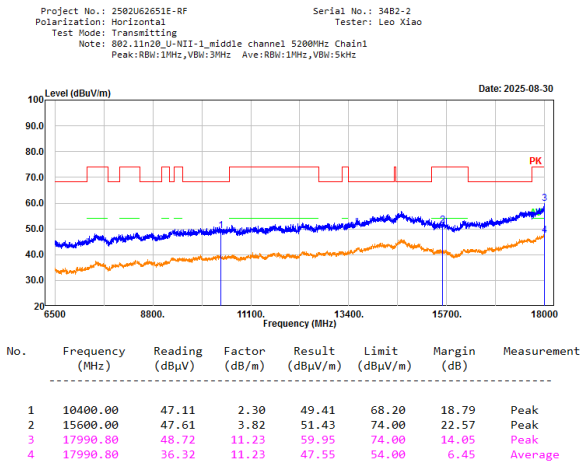
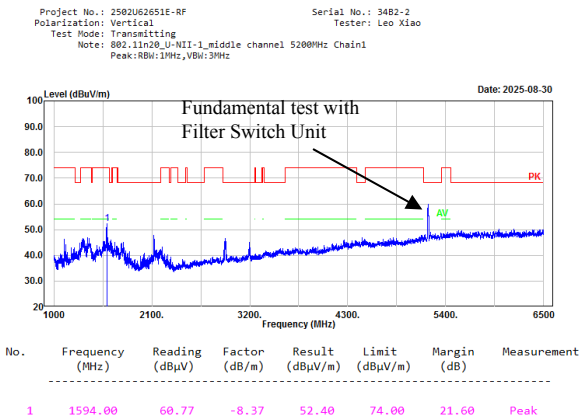
802.11n20, Low Channel, 5180MHz, Vertical



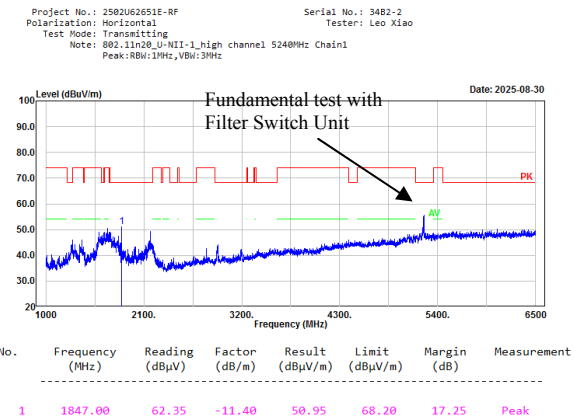
802.11n20, Middle Channel, 5200MHz,Horizontal



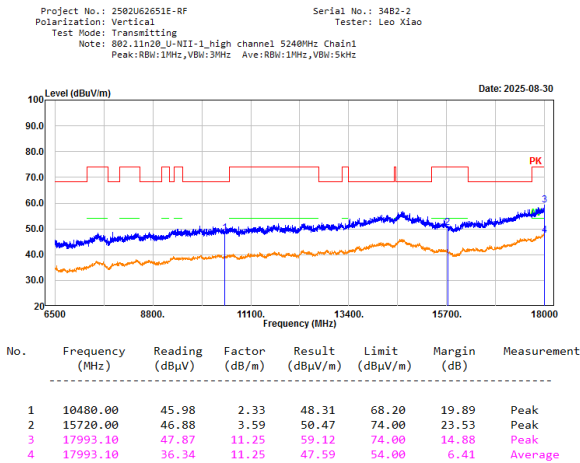
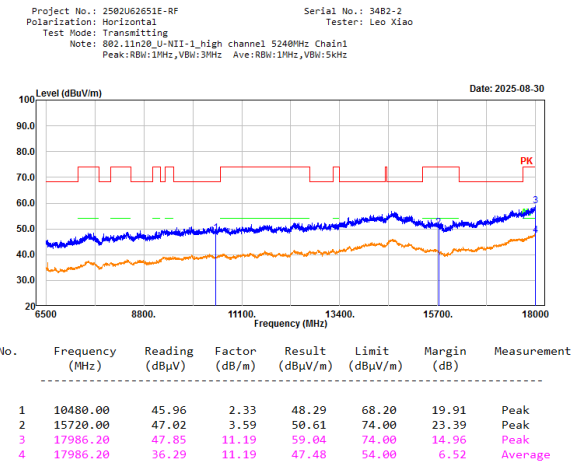
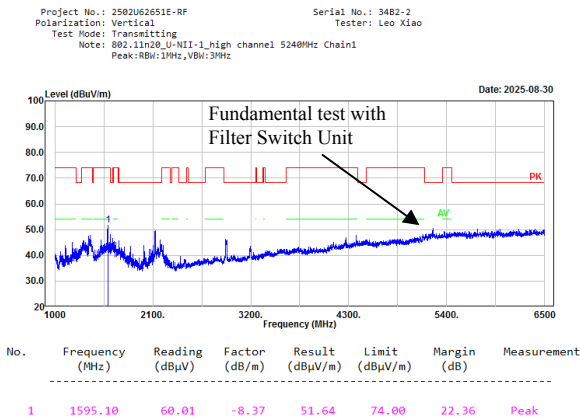
802.11n20, Middle Channel, 5200MHz, Vertical



802.11n20, High Channel, 5240MHz, Horizontal

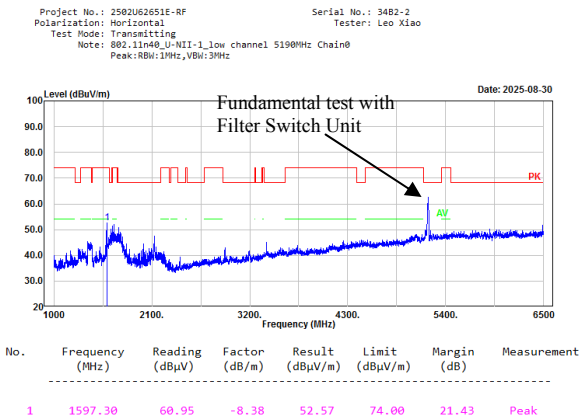


802.11n20, High Channel, 5240MHz, Vertical

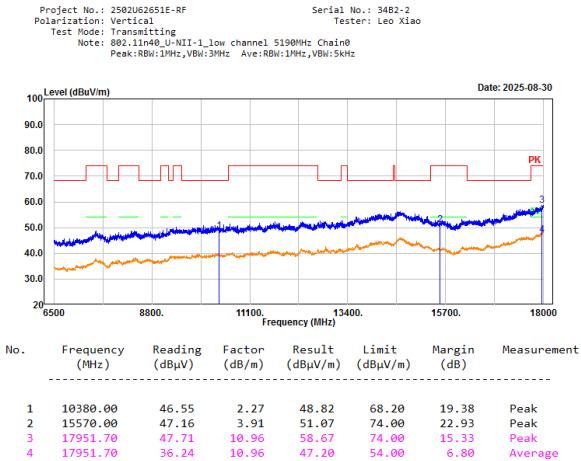
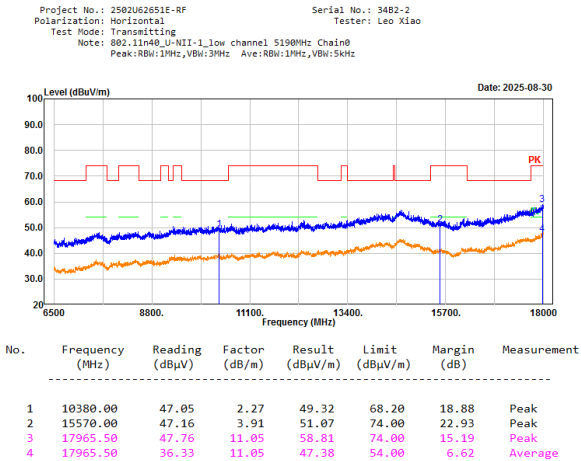
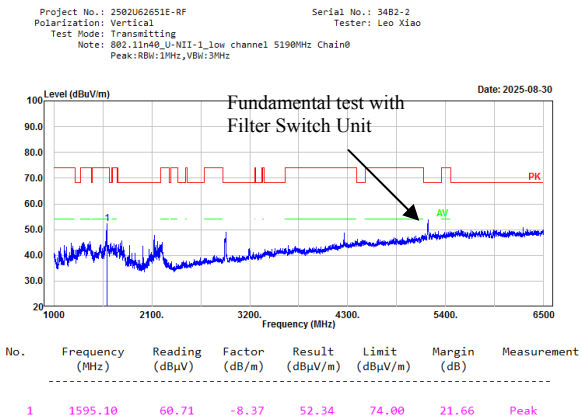


Chain 0

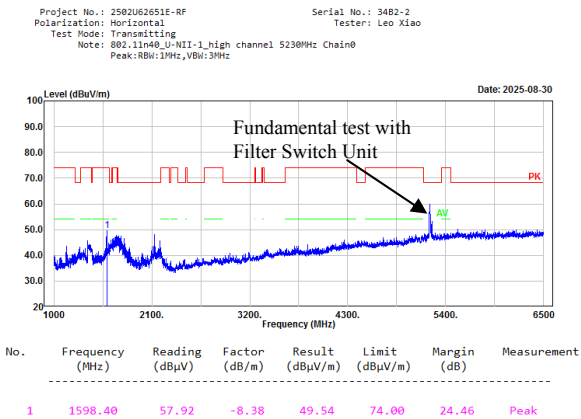
802.11n40, Low Channel, 5190MHz, Horizontal



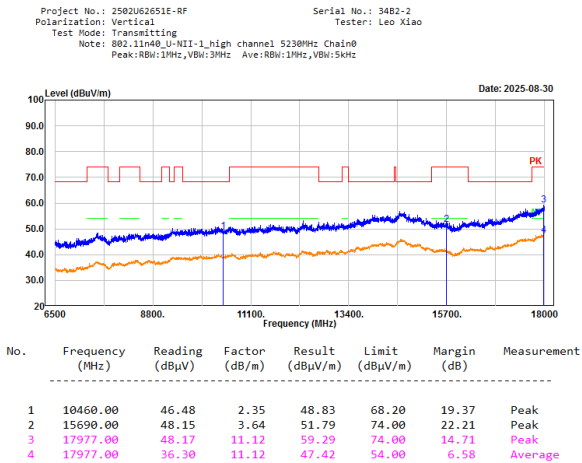
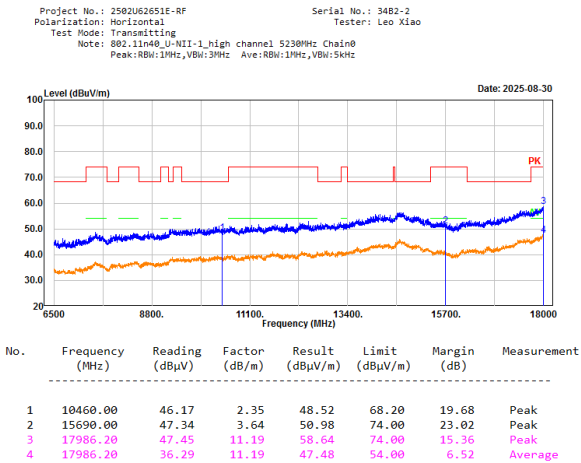
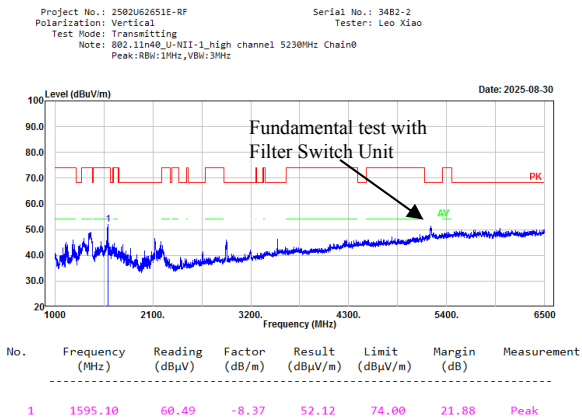
802.11n40, Low Channel, 5190MHz, Vertical



802.11n40, High Channel, 5230MHz, Horizontal

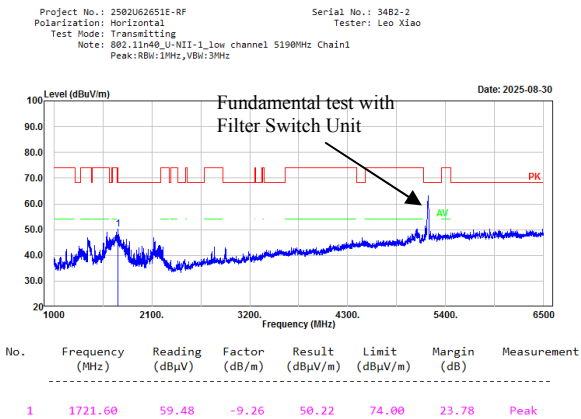


802.11n40, High Channel, 5230MHz, Vertical

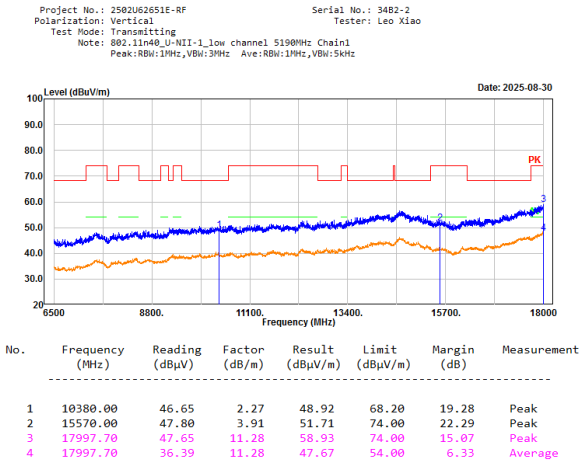
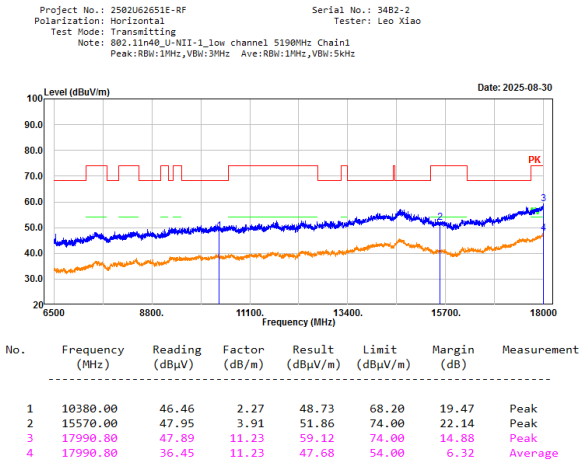
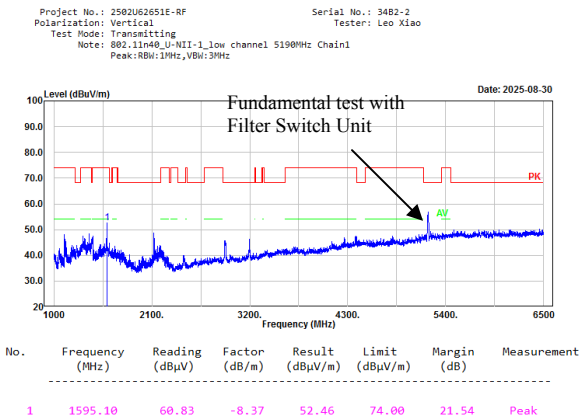


Chain 1

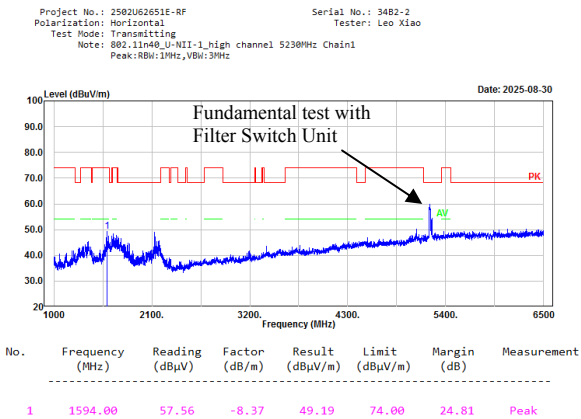
802.11n40, Low Channel, 5190MHz, Horizontal



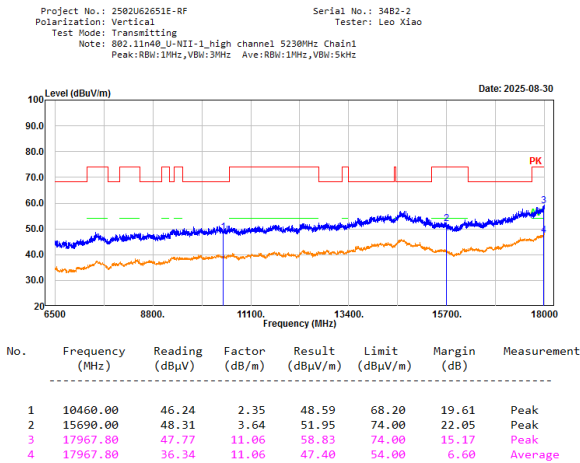
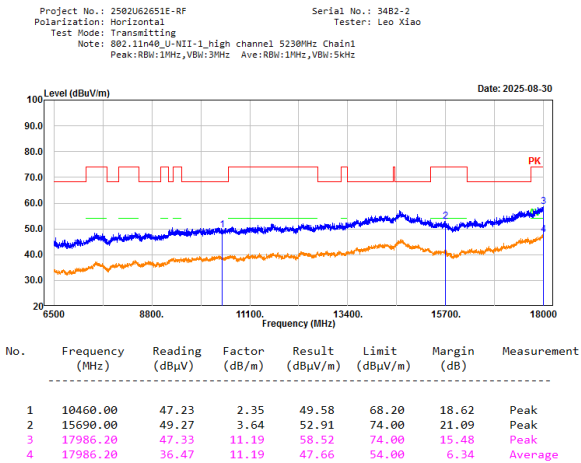
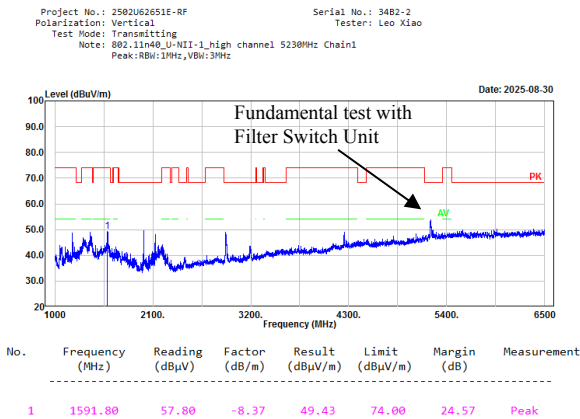
802.11n40, Low Channel, 5190MHz,Vertical



802.11n40, High Channel, 5230MHz, Horizontal

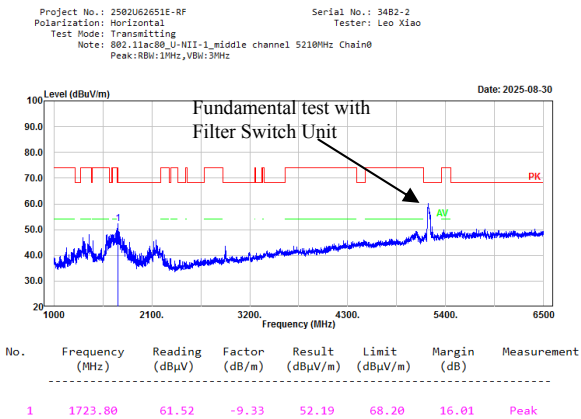


802.11n40, High Channel, 5230MHz, Vertical

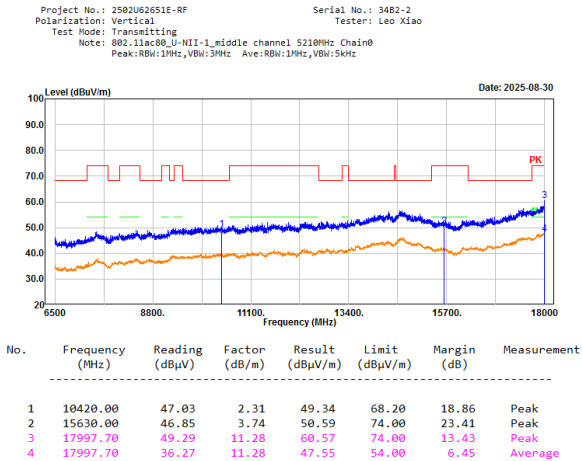
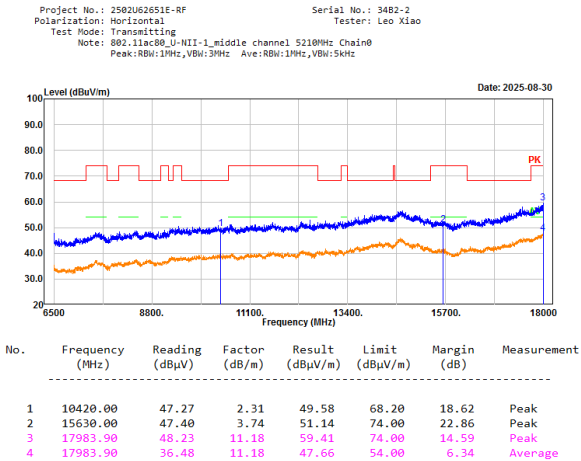
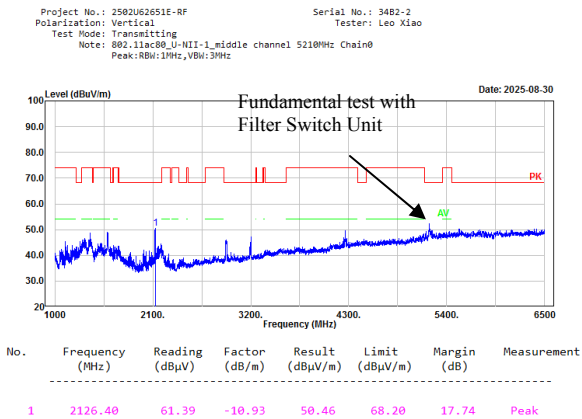


Chain 0

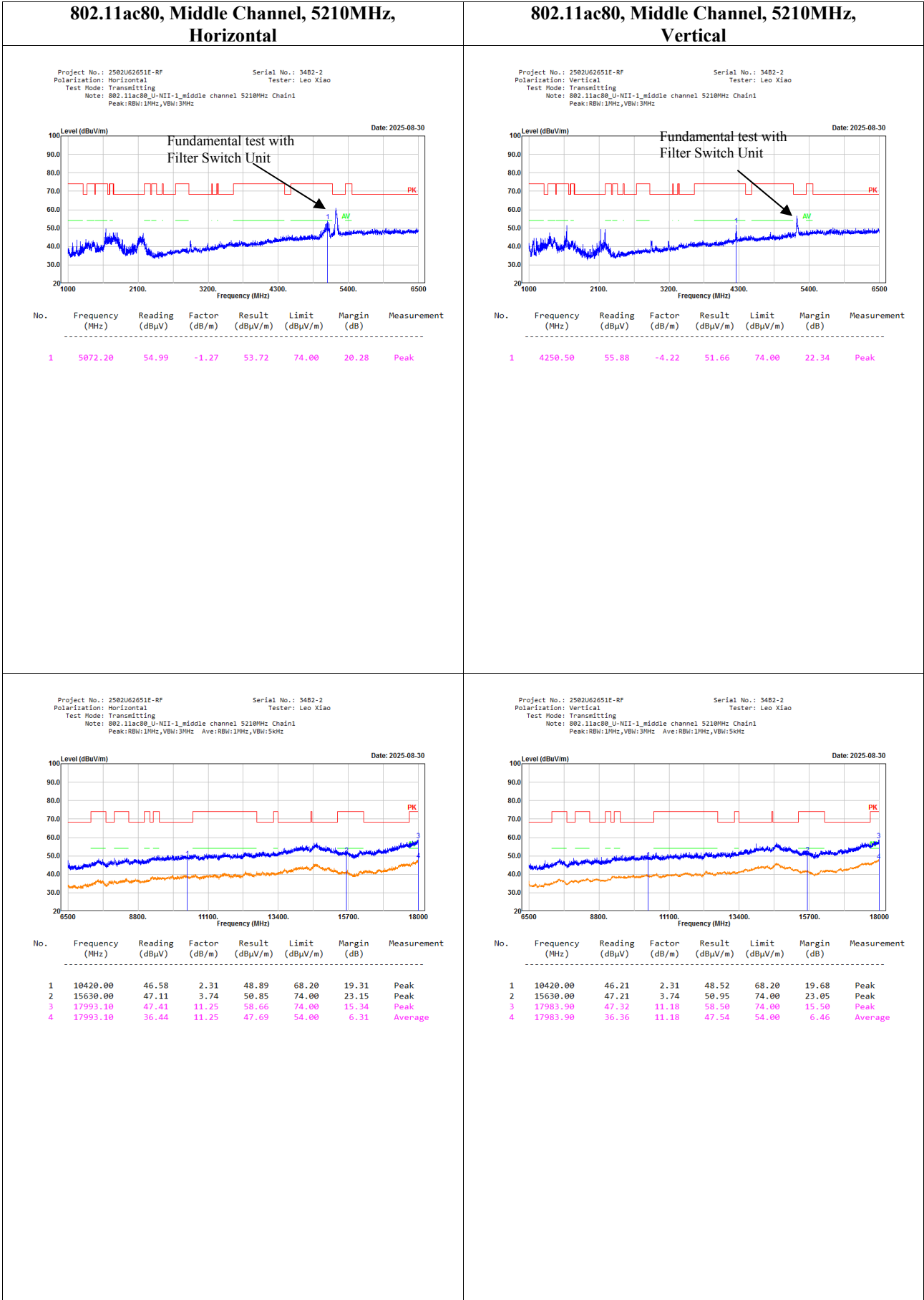
802.11ac80, Middle Channel, 5210MHz, Horizontal



802.11ac80, Middle Channel, 5210MHz, Vertical

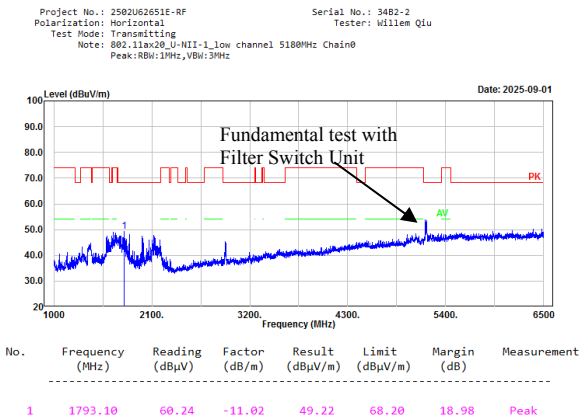


Chain 1

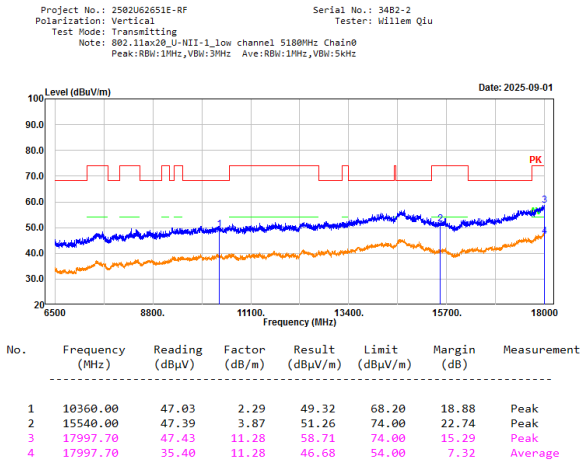
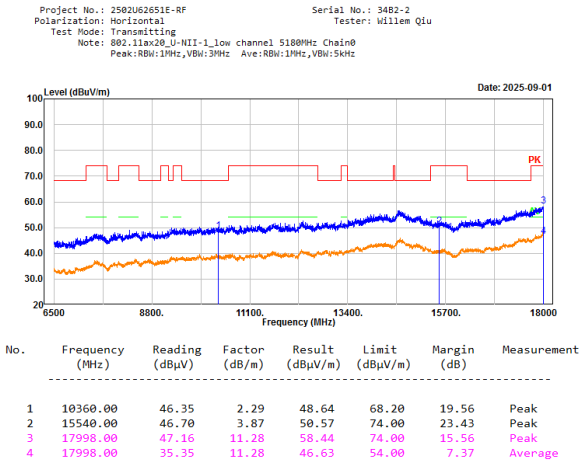
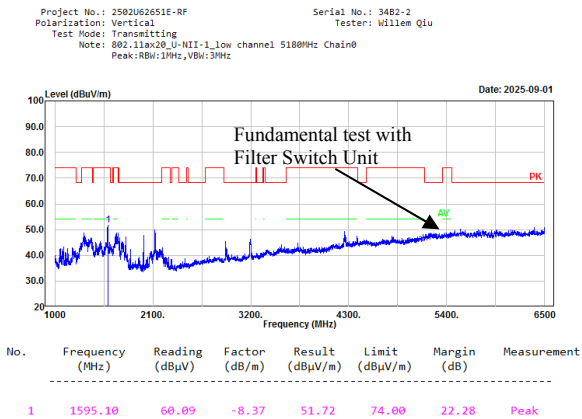


Chain 0

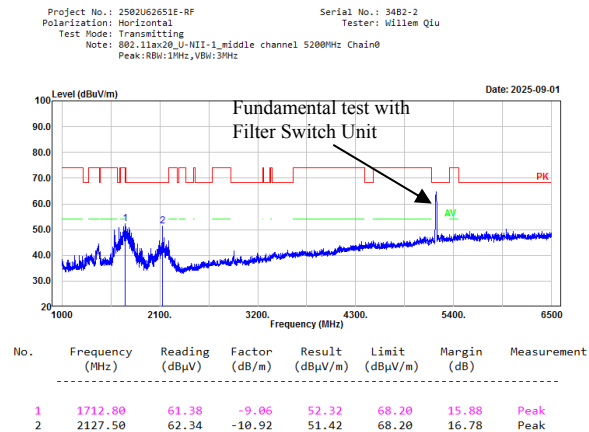
802.11ax20, Low Channel, 5180MHz, Horizontal



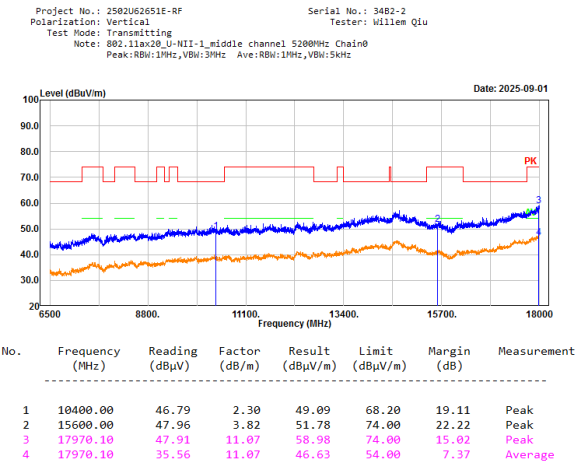
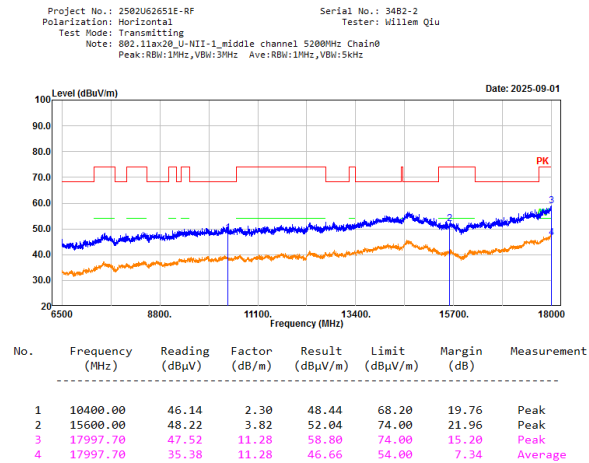
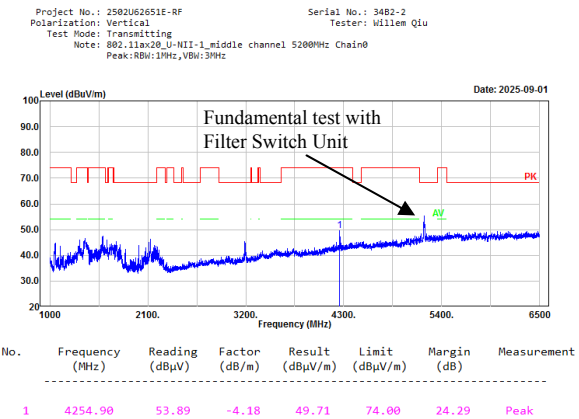
802.11ax20, Low Channel, 5180MHz, Vertical



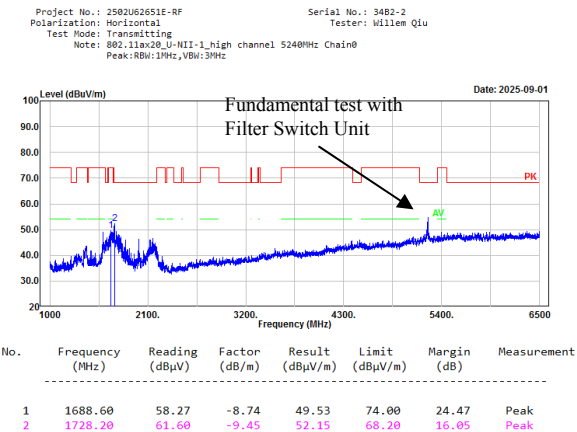
802.11ax20, Middle Channel, 5200MHz,Horizontal



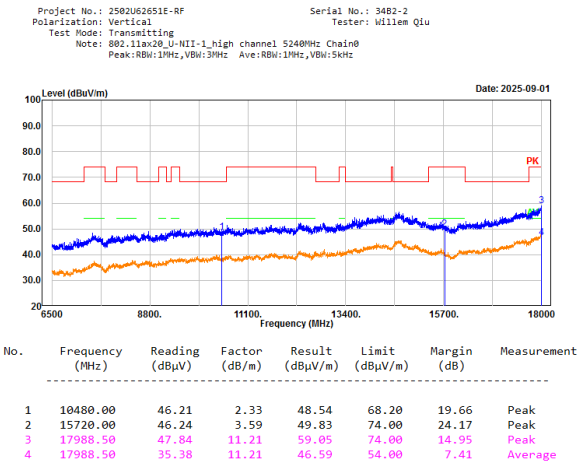
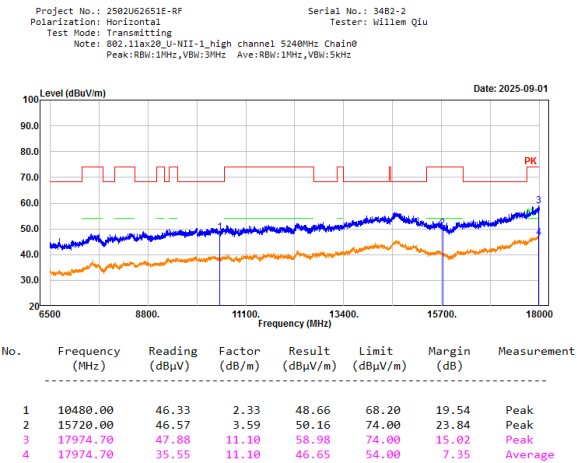
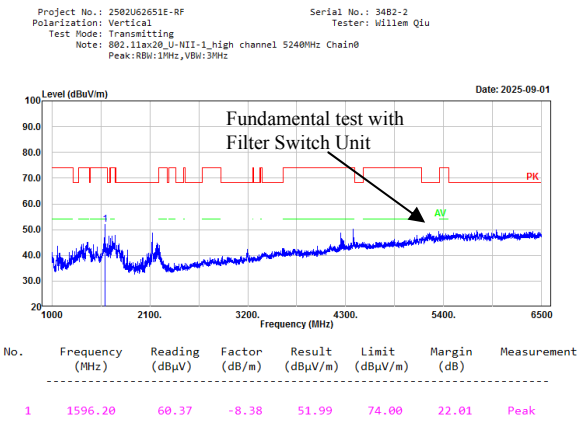
802.11ax20, Middle Channel, 5200MHz, Vertical



802.11ax20, High Channel, 5240MHz, Horizontal

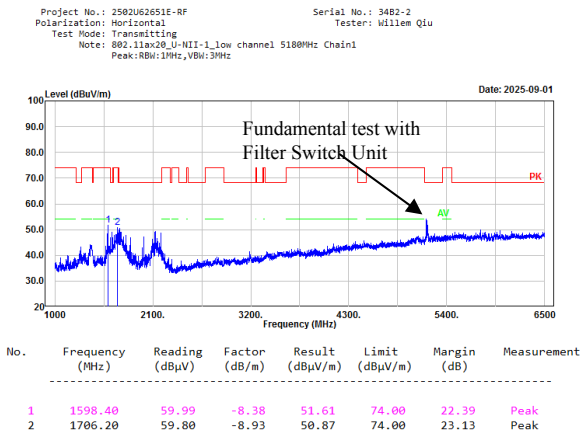


802.11ax20, High Channel, 5240MHz, Vertical

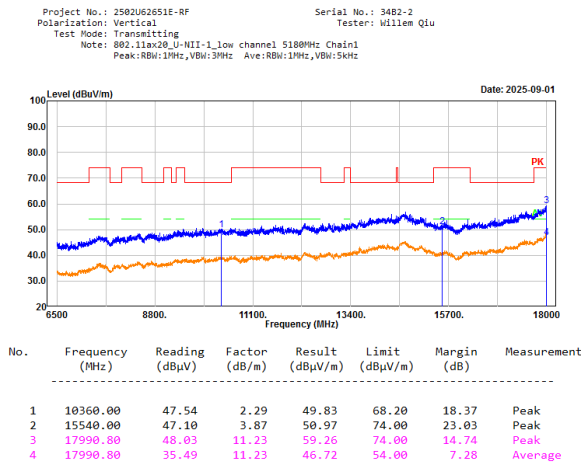
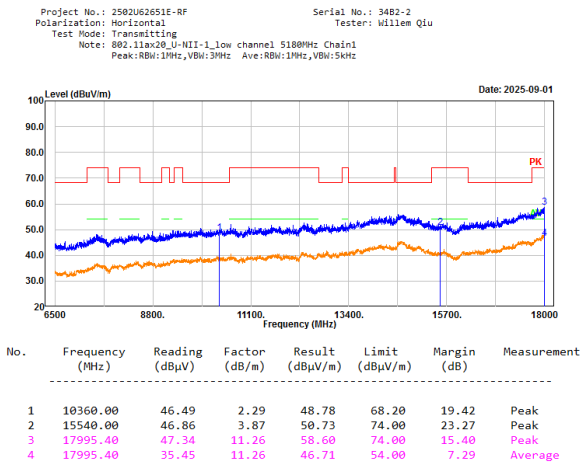
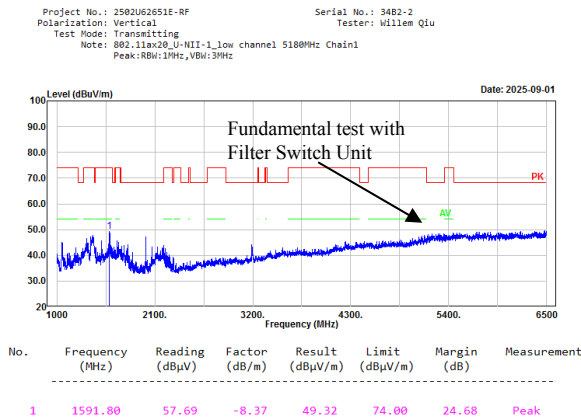


Chain 1

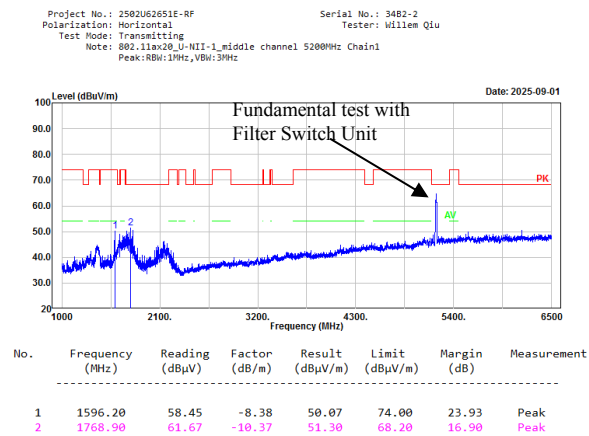
802.11ax20, Low Channel, 5180MHz, Horizontal



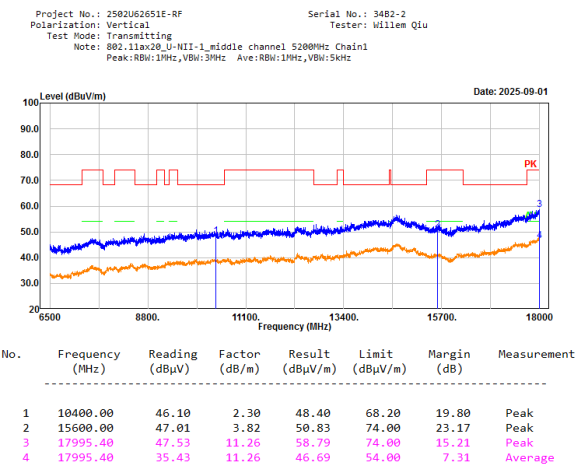
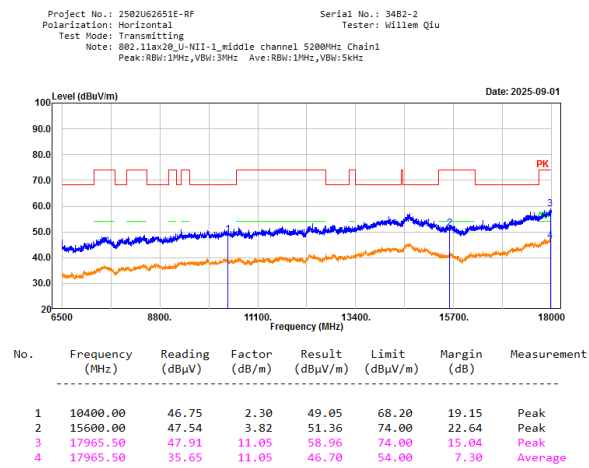
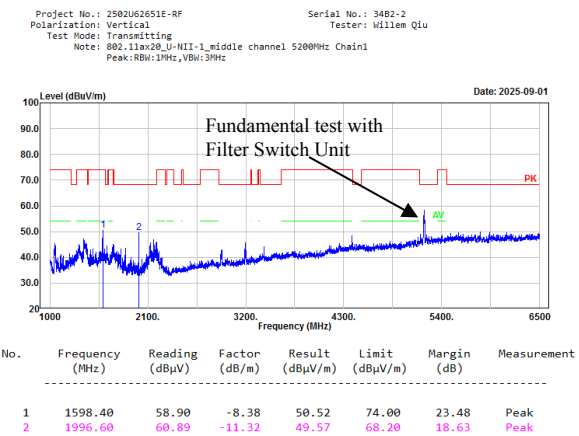
802.11ax20, Low Channel, 5180MHz, Vertical



802.11ax20, Middle Channel, 5200MHz,Horizontal



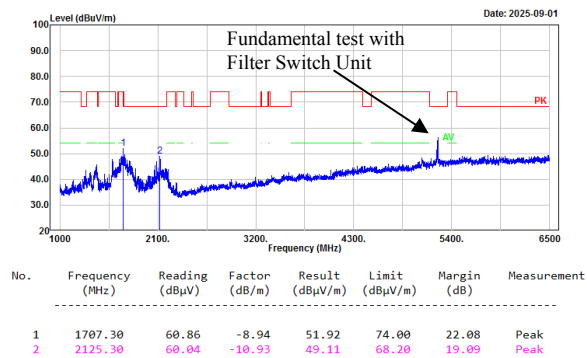
802.11ax20, Middle Channel, 5200MHz, Vertical



802.11ax20, High Channel, 5240MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

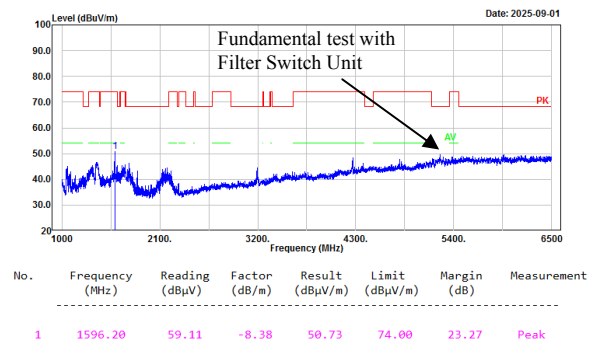
Serial No.: 3482-2
Tester: Willem Qiu



802.11ax20, High Channel, 5240MHz, Vertical

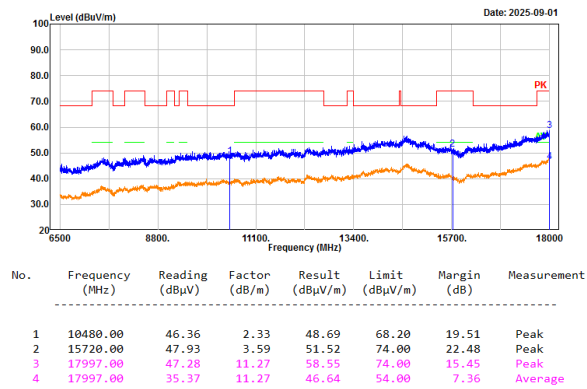
Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Willem Qiu



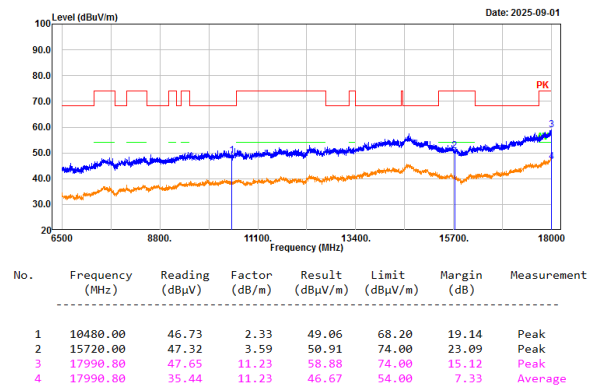
Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax20_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Willem Qiu



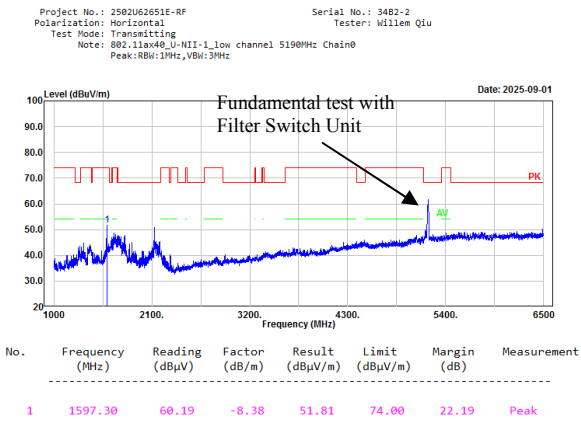
Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax20_U-NII-1_high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Willem Qiu

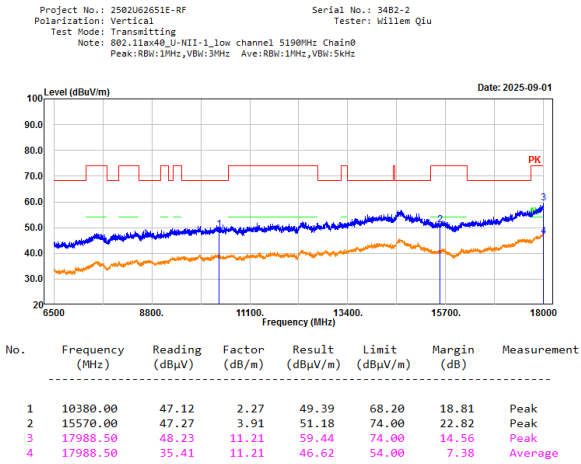
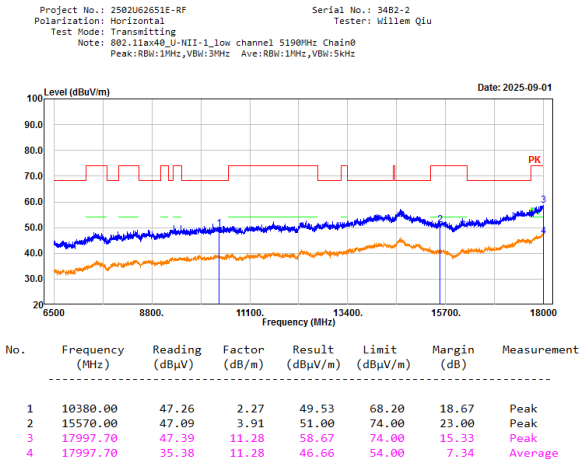
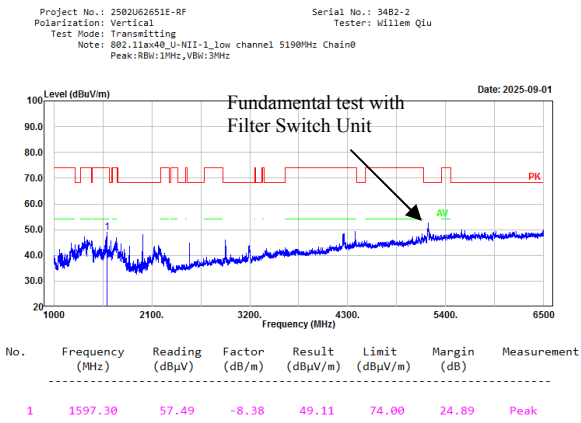


Chain 0

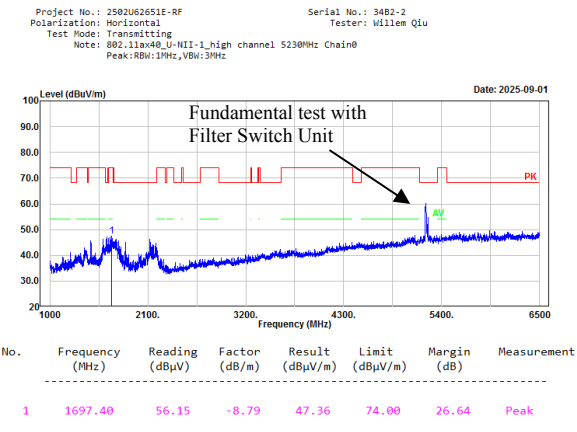
802.11ax40, Low Channel, 5190MHz, Horizontal



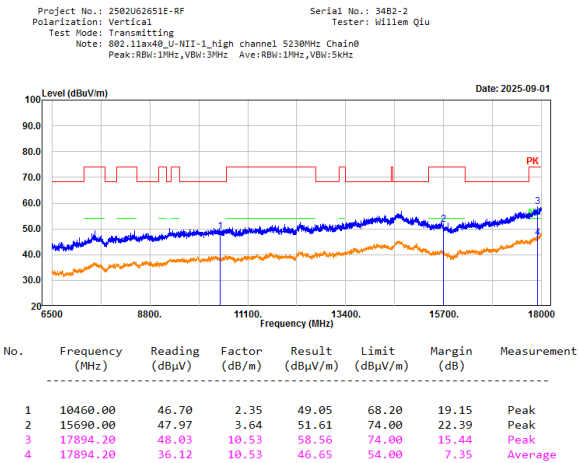
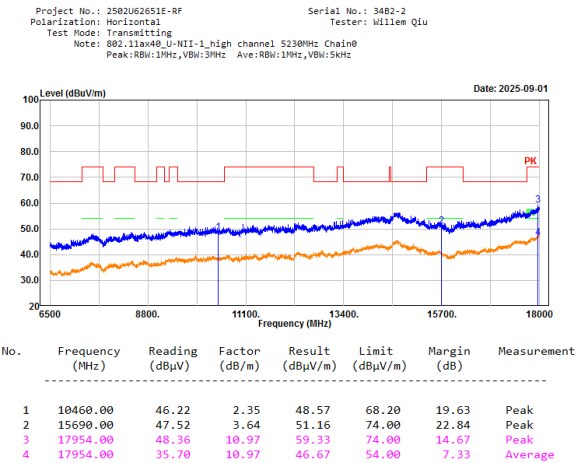
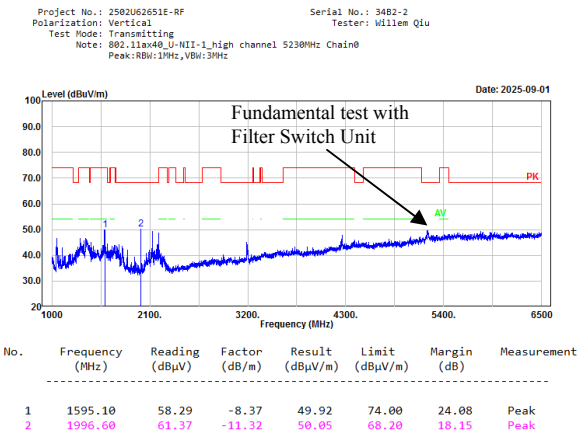
802.11ax40, Low Channel, 5190MHz, Vertical



802.11ax40, High Channel, 5230MHz, Horizontal

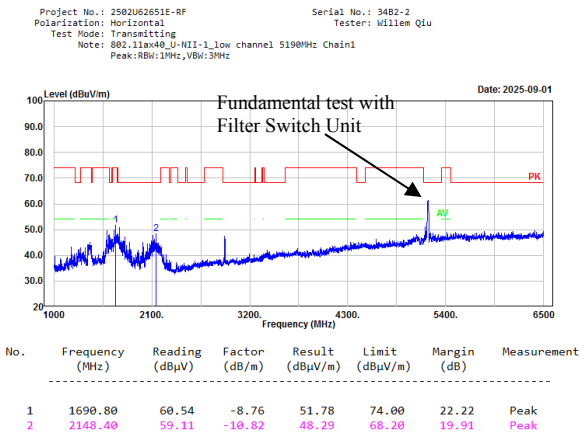


802.11ax40, High Channel, 5230MHz, Vertical

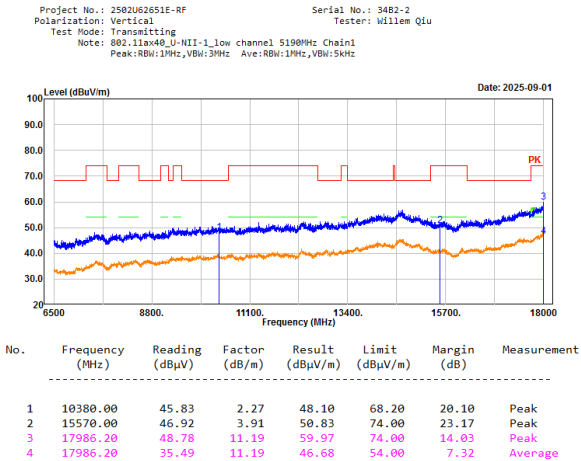
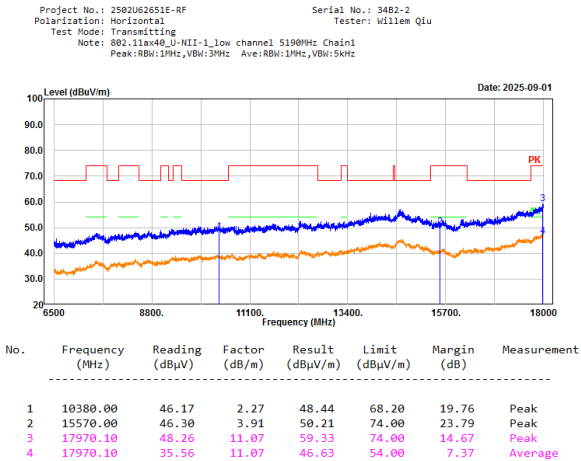
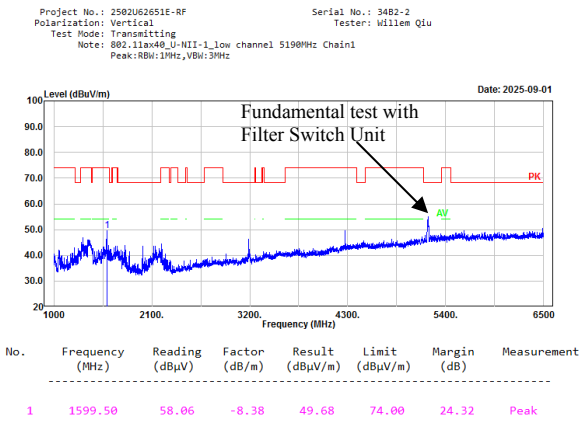


Chain 1

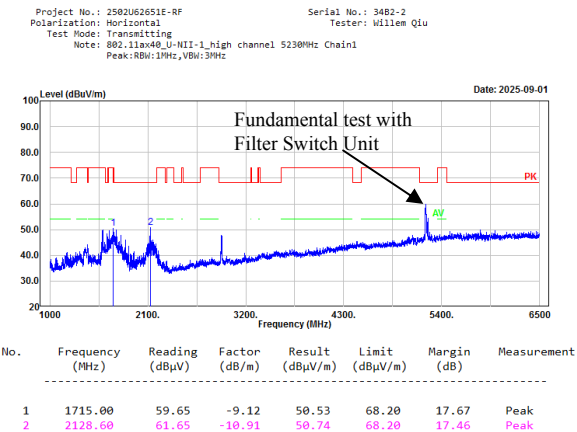
802.11x40, Low Channel, 5190MHz, Horizontal



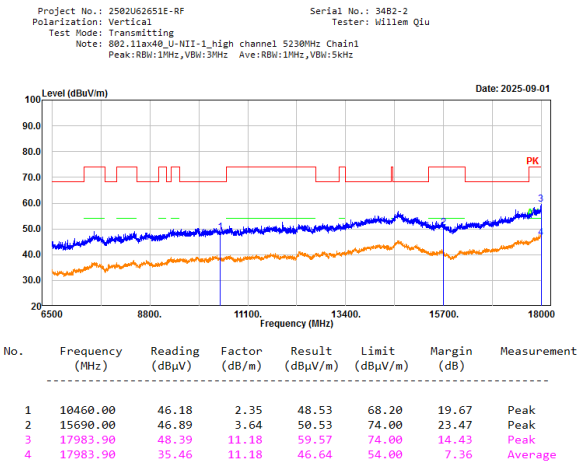
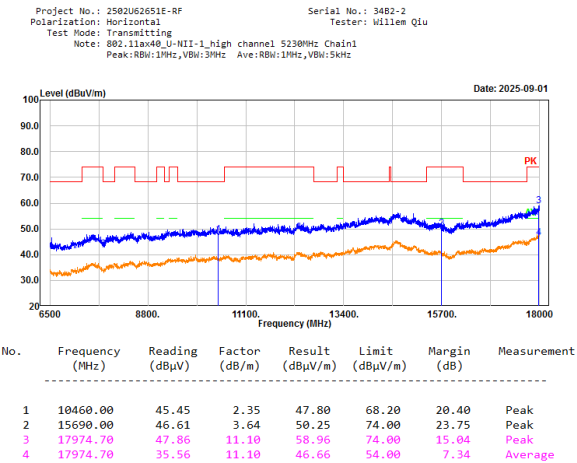
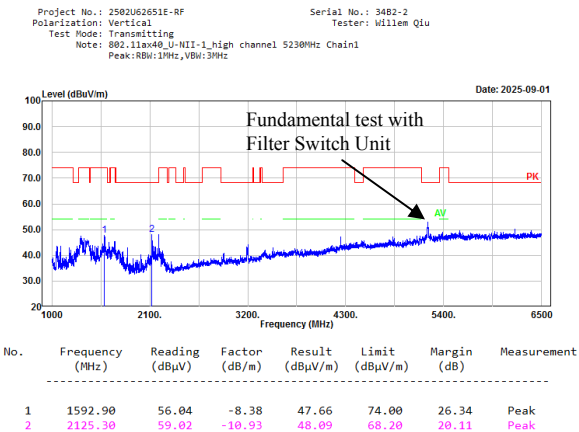
802.11ax40, Low Channel, 5190MHz, Vertical



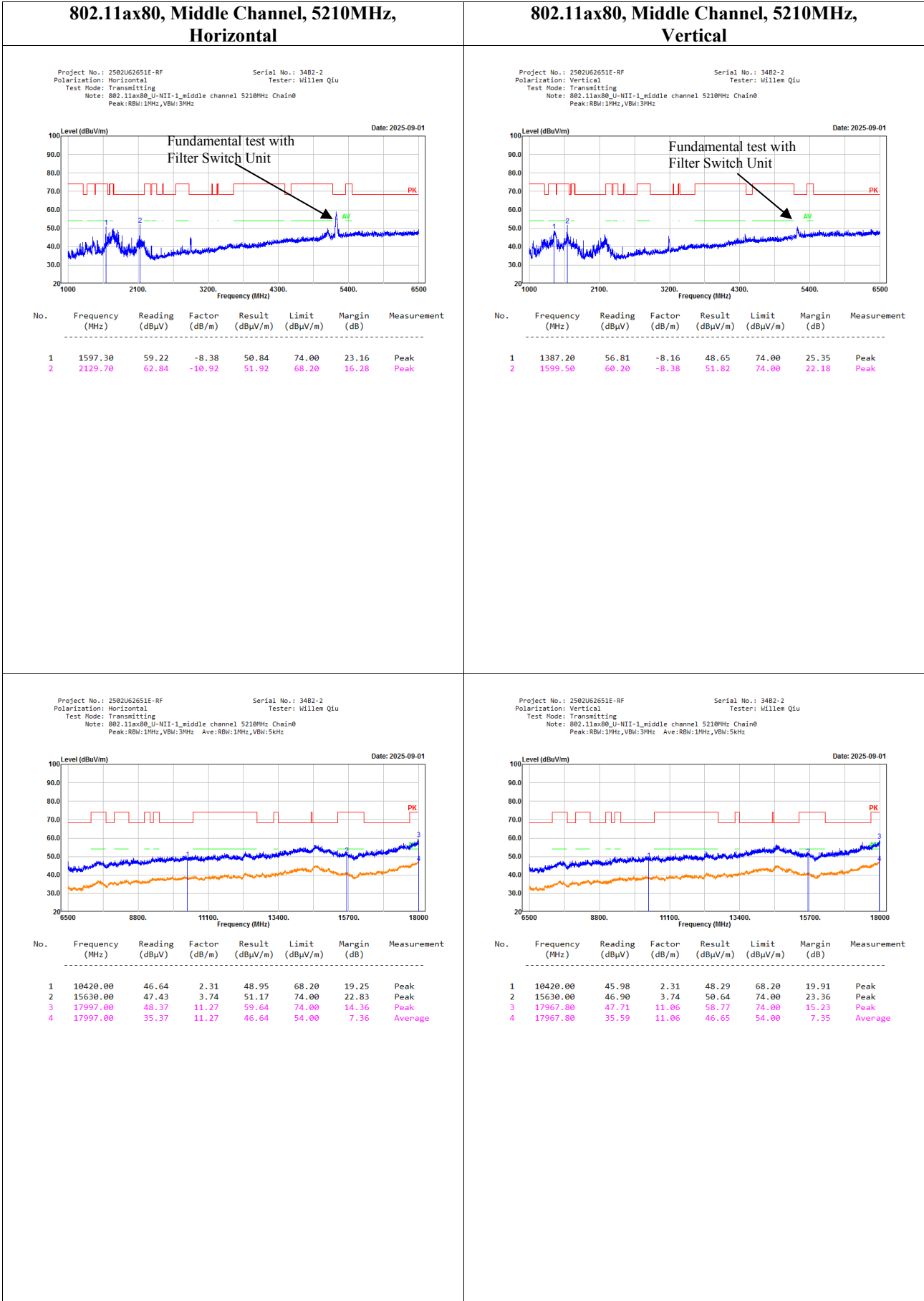
802.11ax40, High Channel, 5230MHz, Horizontal



802.11ax40, High Channel, 5230MHz, Vertical

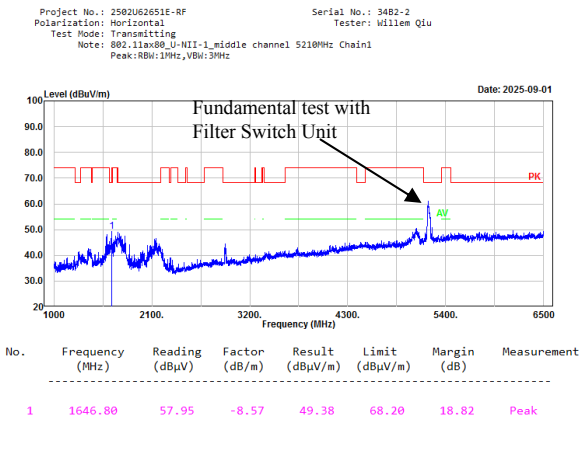


Chain 0

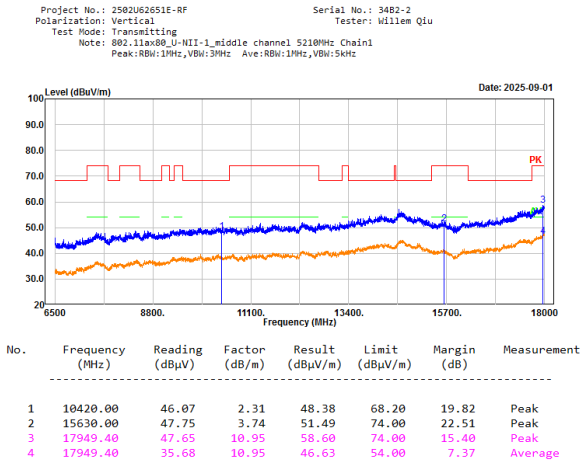
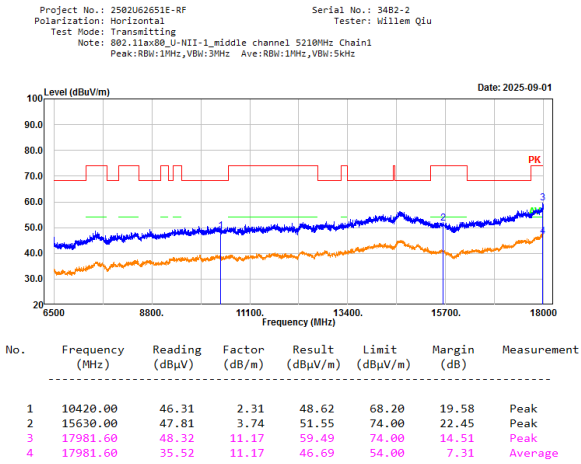
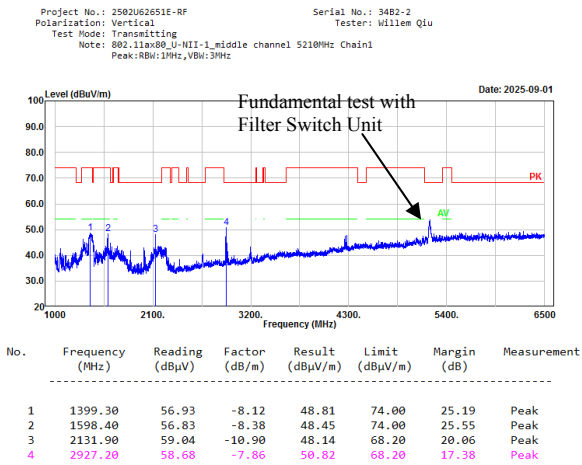


Chain 1

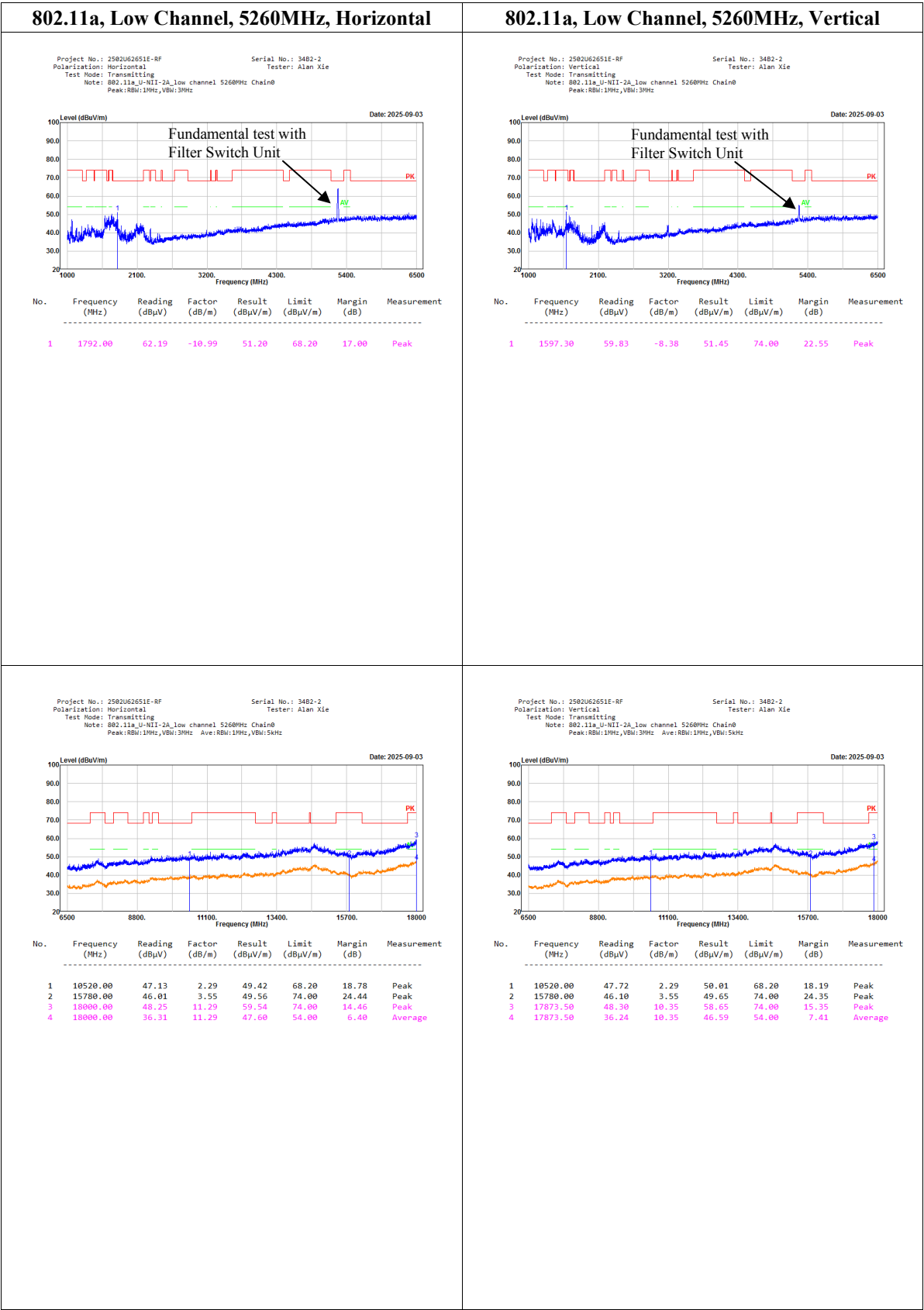
802.11ax80, Middle Channel, 5210MHz, Horizontal



802.11ax80, Middle Channel, 5210MHz, Vertical



5250-5350MHz:Chain 0



802.11a, Middle Channel, 5280MHz, Horizontal

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Horizontal

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain0

Peak:RBW:1MHz,VBW:3MHz

Level (dBuV/m)

Fundamental test with Filter Switch Unit

Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1796.40	62.26	-11.11	51.15	68.20	17.05	Peak

802.11a, Middle Channel, 5280MHz, Vertical

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Vertical

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain0

Peak:RBW:1MHz,VBW:3MHz

Level (dBuV/m)

Fundamental test with Filter Switch Unit

Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1592.90	60.46	-8.38	52.08	74.00	21.92	Peak

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Horizontal

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain0

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

Level (dBuV/m)

Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10560.00	48.21	2.29	50.50	68.20	17.70	Peak
2	15840.00	46.81	3.44	50.25	74.00	23.75	Peak
3	17974.70	47.86	11.10	58.96	74.00	15.04	Peak
4	17974.70	36.14	11.10	47.24	54.00	6.76	Average

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Vertical

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain0

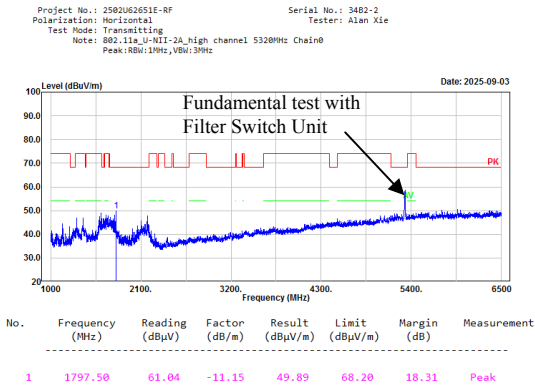
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Level (dBuV/m)

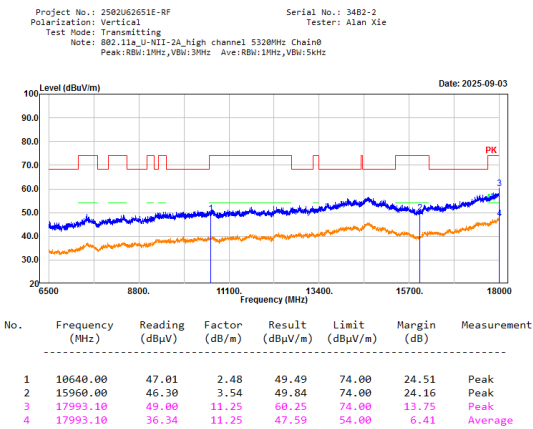
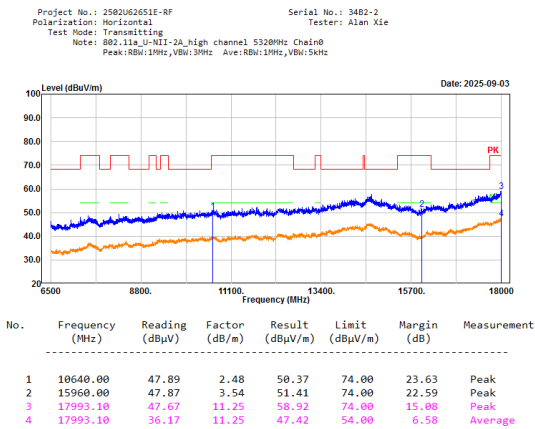
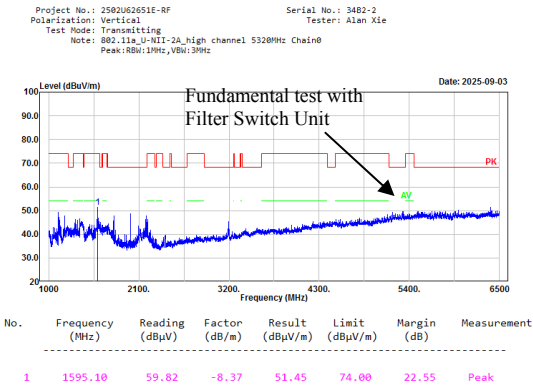
Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10560.00	46.98	2.29	49.27	68.20	18.93	Peak
2	15840.00	45.78	3.44	49.22	74.00	24.78	Peak
3	17983.90	47.31	11.18	58.49	74.00	15.51	Peak
4	17983.90	36.21	11.18	47.39	54.00	6.61	Average

802.11a, High Channel, 5320MHz, Horizontal

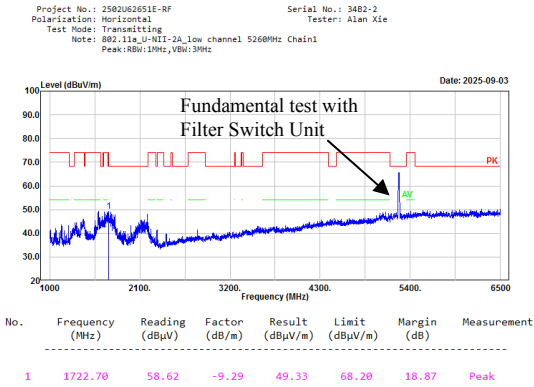


802.11a, High Channel, 5320MHz, Vertical

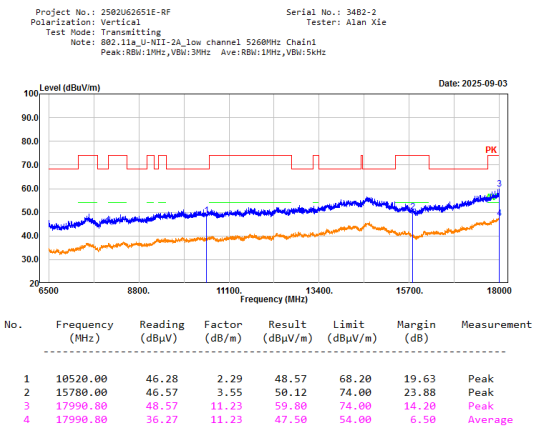
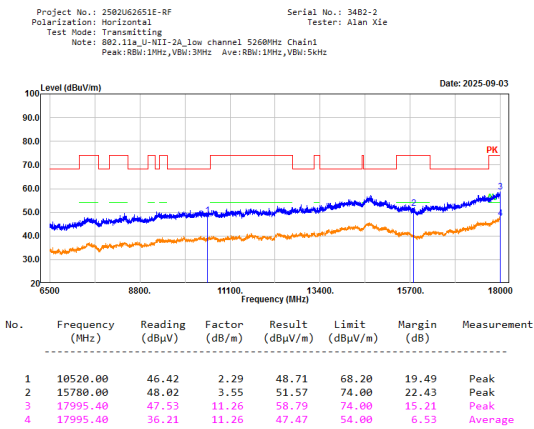
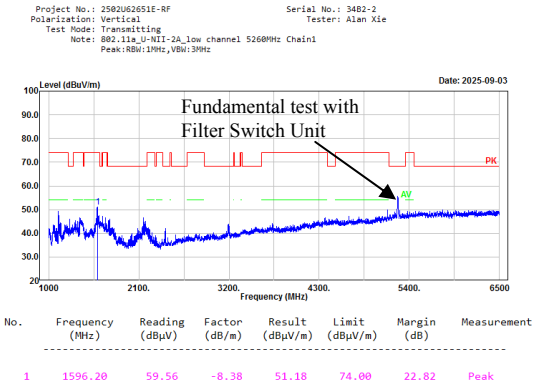


Chain 1

802.11a, Low Channel, 5260MHz, Horizontal



802.11a, Low Channel, 5260MHz, Vertical



802.11a, Middle Channel, 5280MHz, Horizontal

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Horizontal

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain1

Peak:RBW:1MHz,VBW:30Hz

Level (dBuV/m)

Fundamental test with Filter Switch Unit

Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1599.50	61.71	-8.38	53.33	74.00	20.67	Peak

802.11a, Middle Channel, 5280MHz, Vertical

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Vertical

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain1

Peak:RBW:1MHz,VBW:30Hz

Level (dBuV/m)

Fundamental test with Filter Switch Unit

Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1594.00	59.62	-8.37	51.25	74.00	22.75	Peak

802.11a, Middle Channel, 5280MHz, Horizontal

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Horizontal

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain1

Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:50Hz

Level (dBuV/m)

Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10560.00	47.80	2.29	50.09	68.20	18.11	Peak
2	15840.00	45.37	3.44	48.81	74.00	25.19	Peak
3	17990.00	48.12	11.23	59.35	74.00	14.65	Peak
4	17990.00	36.35	11.23	47.58	54.00	6.42	Average

802.11a, Middle Channel, 5280MHz, Vertical

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Vertical

Tester: Alan Xie

Test Mode: Transmitting

Note: 802.11a_U-NII-2A_middle channel 5280MHz Chain1

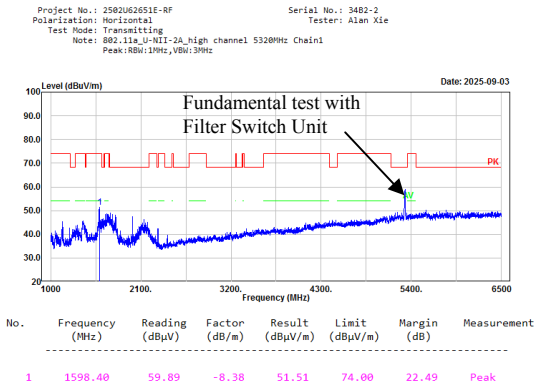
Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:50Hz

Level (dBuV/m)

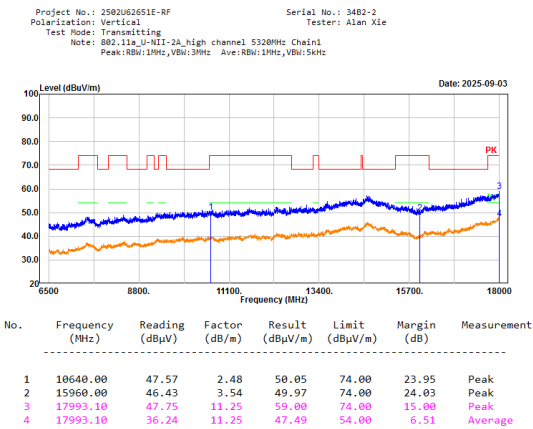
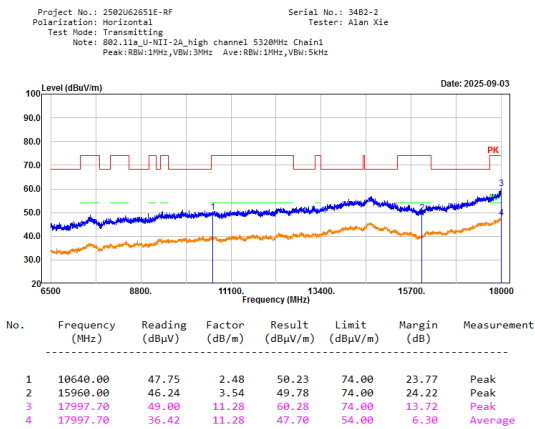
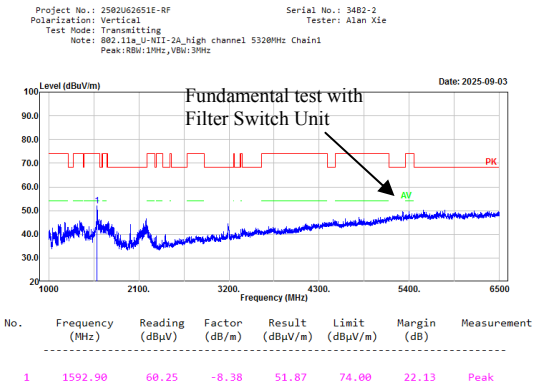
Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10560.00	46.75	2.29	49.04	68.20	19.16	Peak
2	15840.00	46.31	3.44	49.75	74.00	24.25	Peak
3	17981.60	47.57	11.17	58.74	74.00	15.26	Peak
4	17981.60	36.11	11.17	47.28	54.00	6.72	Average

802.11a, High Channel, 5320MHz, Horizontal



802.11a, High Channel, 5320MHz, Vertical



Chain 0

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Horizontal

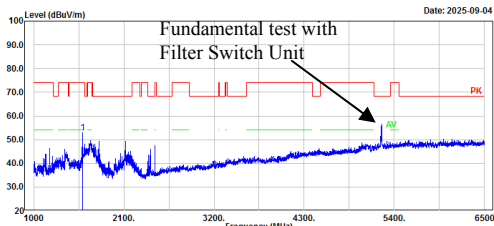
Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain0

Peak:RBW:1MHz,VBW:3MHz

Fundamental test with
Filter Switch Unit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1597.30	61.37	-8.38	52.99	74.00	21.01	Peak

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Vertical

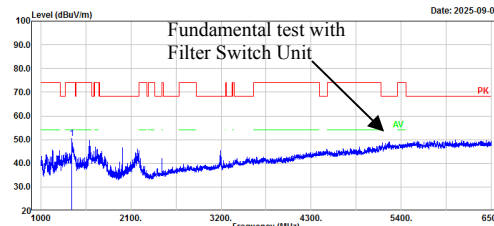
Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain0

Peak:RBW:1MHz,VBW:3MHz

Fundamental test with
Filter Switch Unit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1380.60	58.81	-8.18	50.63	74.00	23.37	Peak

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Horizontal

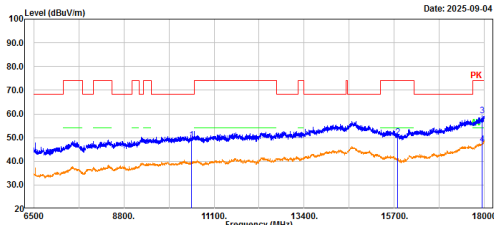
Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain0

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

Fundamental test with
Filter Switch Unit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10520.00	46.82	2.29	49.11	68.20	19.09	Peak
2	15780.00	46.65	3.55	50.20	74.00	23.80	Peak
3	17935.60	48.29	10.84	59.13	74.00	14.87	Peak
4	17935.60	36.29	10.84	47.13	54.00	6.87	Average

Project No.: 2502U62651E-RF

Serial No.: 3482-2

Polarization: Vertical

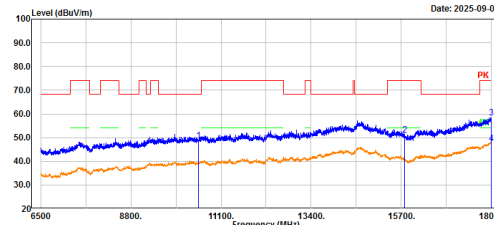
Tester: Leo Xiao

Test Mode: Transmitting

Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain0

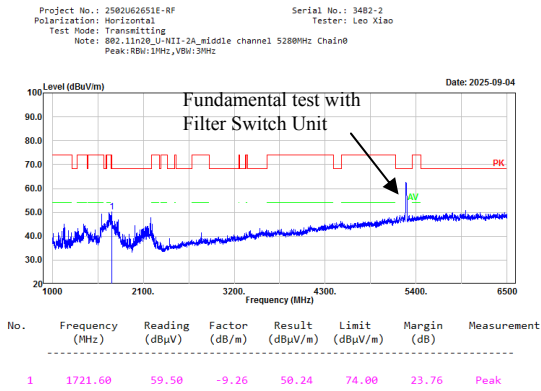
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Fundamental test with
Filter Switch Unit

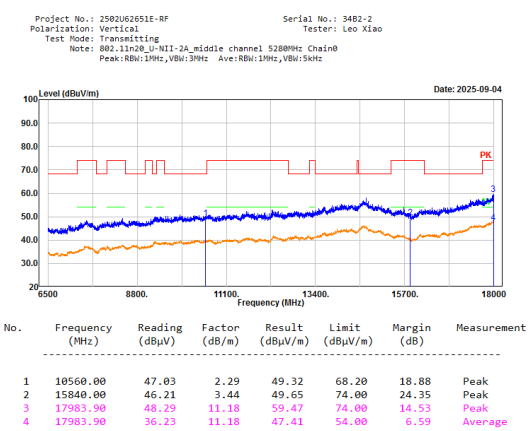
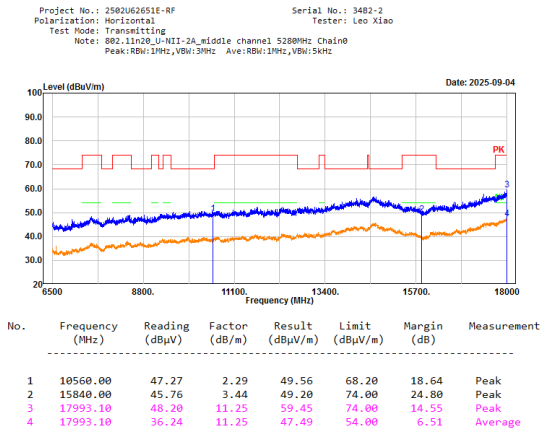
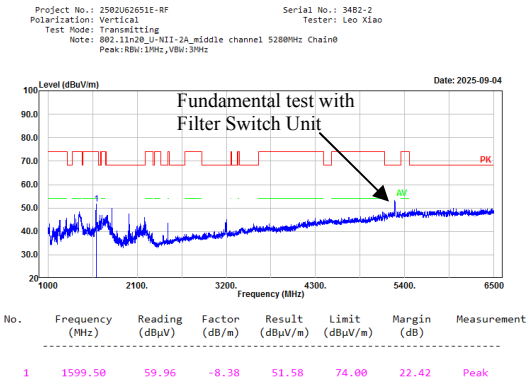


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10520.00	46.52	2.29	48.81	68.20	19.39	Peak
2	15780.00	47.45	3.55	51.00	74.00	23.00	Peak
3	17990.80	47.21	11.23	58.44	74.00	15.56	Peak
4	17990.80	36.37	11.23	47.60	54.00	6.40	Average

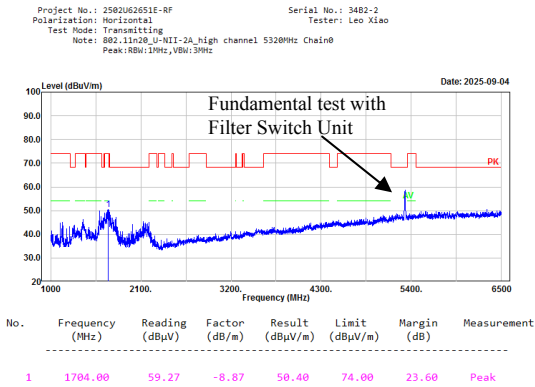
802.11n20, Middle Channel, 5280MHz,Horizontal



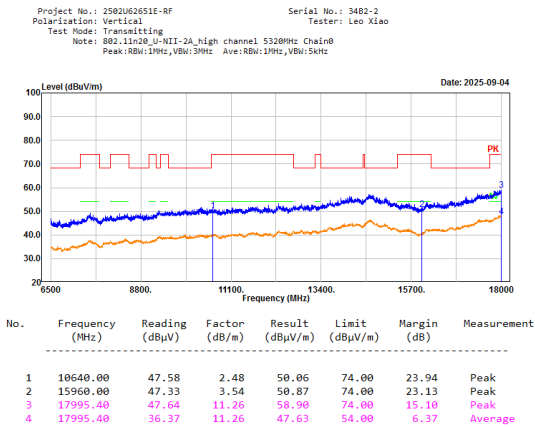
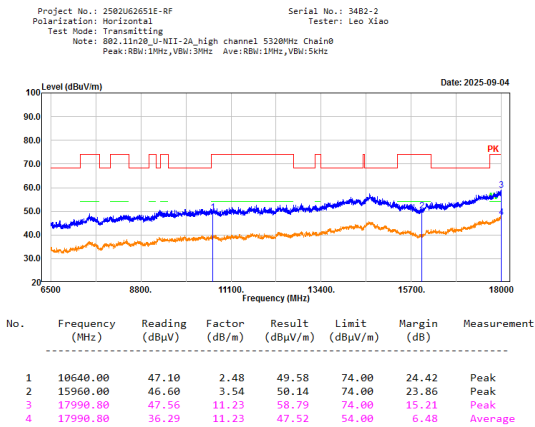
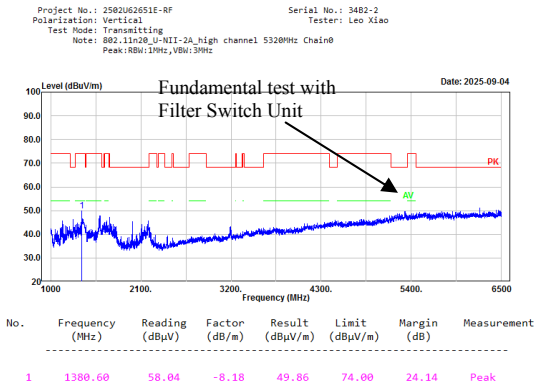
802.11n20, Middle Channel, 5280MHz, Vertical



802.11n20, High Channel, 5320MHz, Horizontal



802.11n20, High Channel, 5320MHz, Vertical



Chain 1

Project No.: 2502U62651E-RF

Polarization: Horizontal

Test Mode: Transmitting

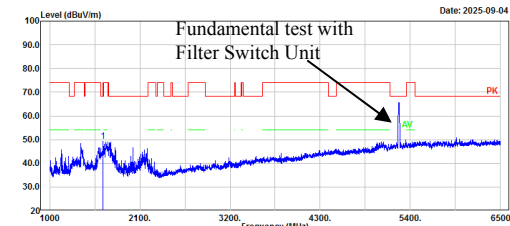
Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain1

Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3482-2

Tester: Leo Xiao

Fundamental test with Filter Switch Unit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1652.30	57.80	-8.56	49.24	68.20	18.96	Peak

Project No.: 2502U62651E-RF

Polarization: Vertical

Test Mode: Transmitting

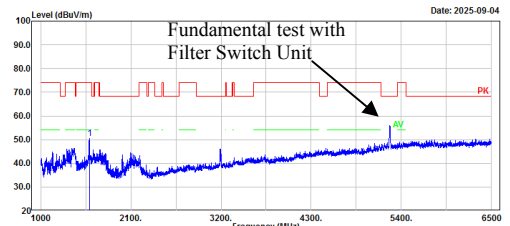
Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain1

Peak: RBW:1MHz, VBW:3MHz

Serial No.: 3482-2

Tester: Leo Xiao

Fundamental test with Filter Switch Unit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1594.00	58.73	-8.37	50.36	74.00	23.64	Peak

Project No.: 2502U62651E-RF

Polarization: Horizontal

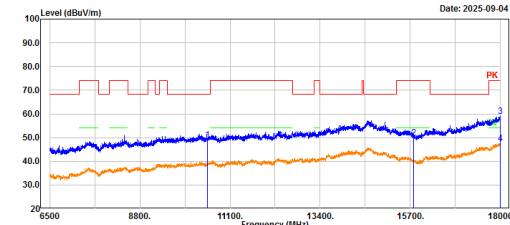
Test Mode: Transmitting

Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain1

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

Serial No.: 3482-2

Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10520.00	46.67	2.29	48.96	68.20	19.24	Peak
2	15780.00	46.44	3.55	49.99	74.00	24.01	Peak
3	17993.10	47.77	11.25	59.02	74.00	14.98	Peak
4	17993.10	36.35	11.25	47.60	54.00	6.40	Average

Project No.: 2502U62651E-RF

Polarization: Vertical

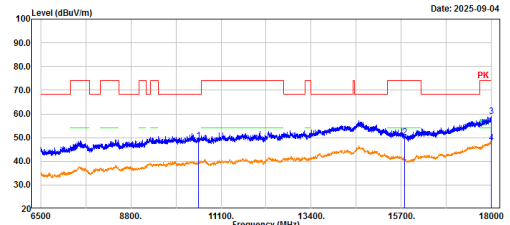
Test Mode: Transmitting

Note: 802.11n20_U-NII-2A_low channel 5260MHz Chain1

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

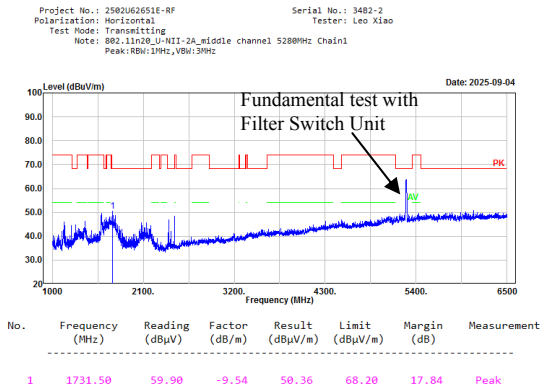
Serial No.: 3482-2

Tester: Leo Xiao

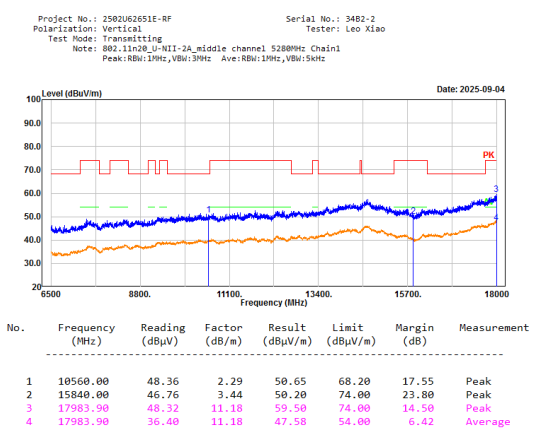
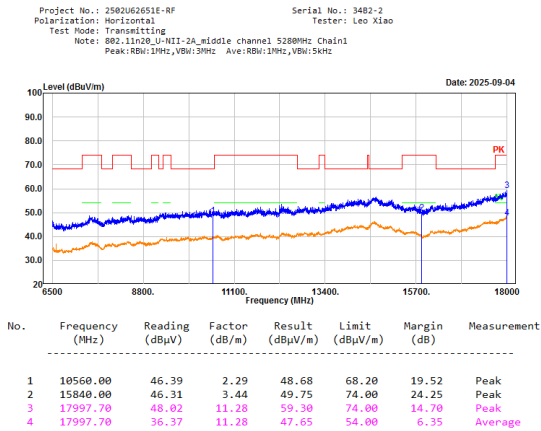
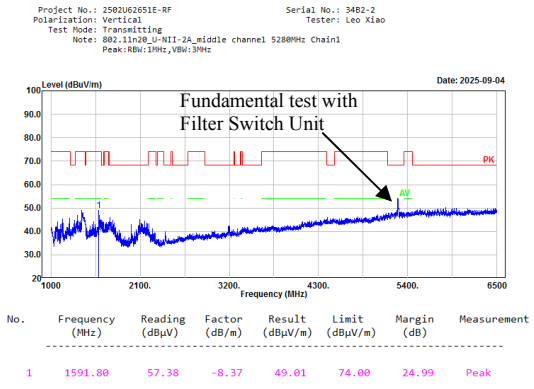


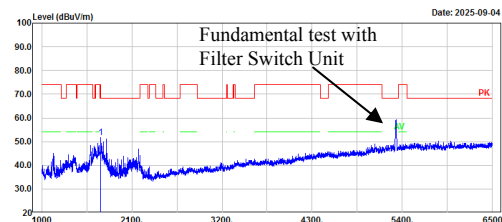
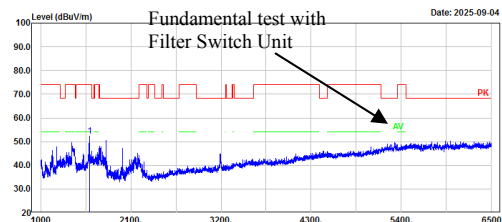
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10520.00	46.51	2.29	48.80	68.20	19.40	Peak
2	15780.00	46.55	3.55	50.10	74.00	23.90	Peak
3	17997.70	47.67	11.28	58.95	74.00	15.05	Peak
4	17997.70	36.34	11.28	47.62	54.00	6.38	Average

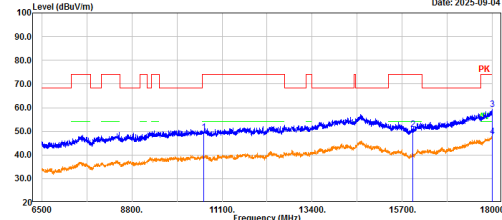
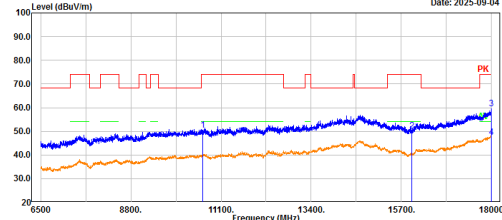
802.11n20, Middle Channel, 5280MHz,Horizontal



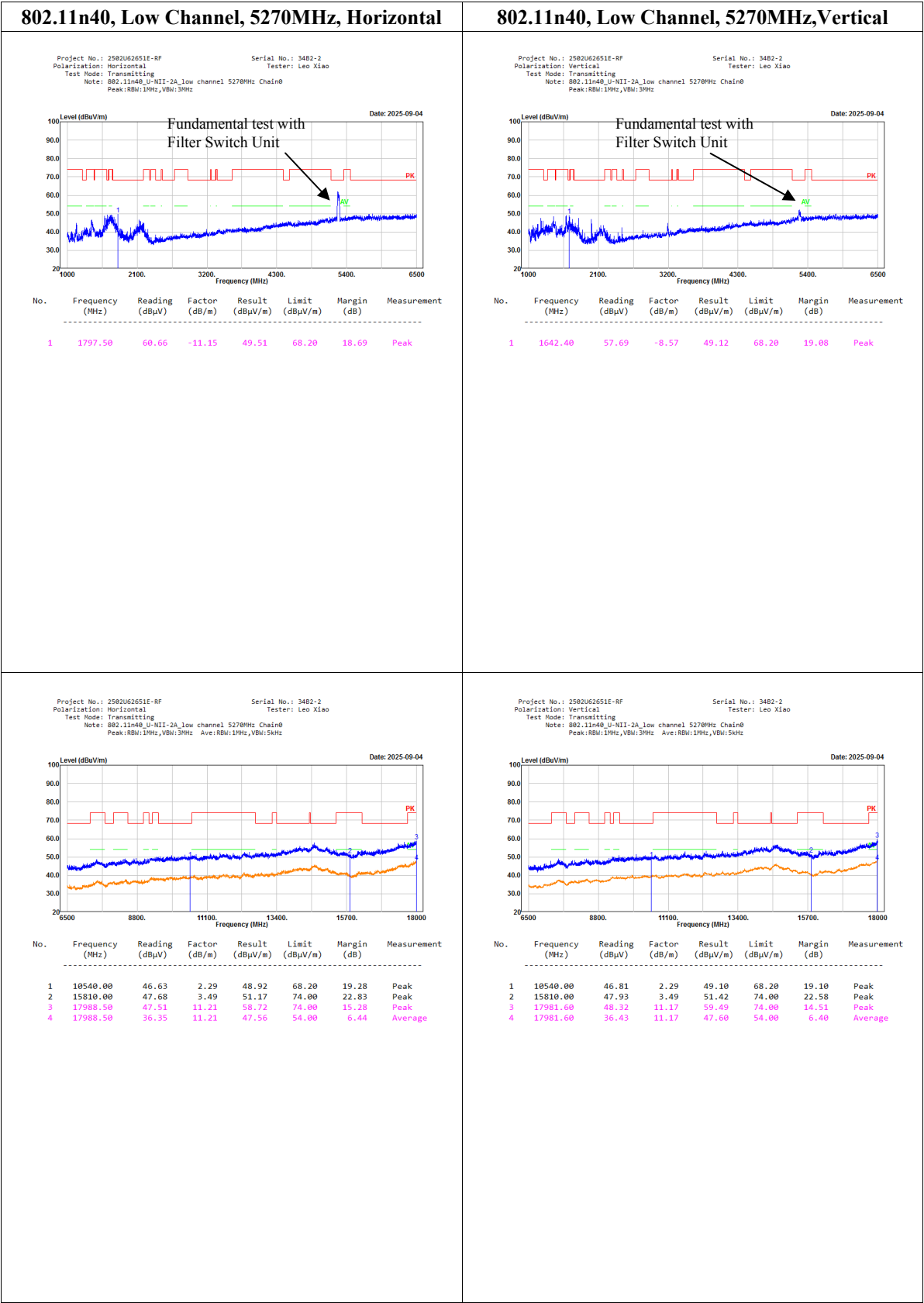
802.11n20, Middle Channel, 5280MHz, Vertical



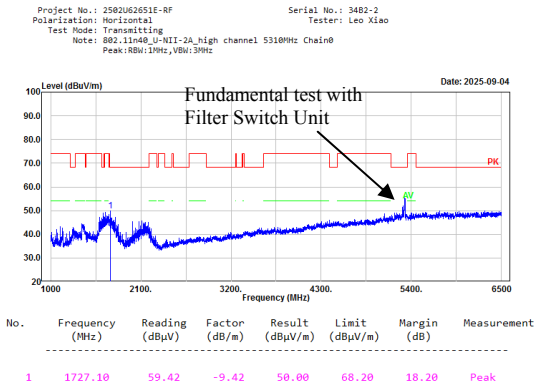
802.11n20, High Channel, 5320MHz, Horizontal								802.11n20, High Channel, 5320MHz, Vertical							
Project No.: 2502U62651E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n20_U-NII-2A_high channel 5320MHz Chain1 Peak:RBW:1MHz,VBW:3MHz				Serial No.: 3482-2 Tester: Leo Xiao				Project No.: 2502U62651E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n20_U-NII-2A_high channel 5320MHz Chain1 Peak:RBW:1MHz,VBW:3MHz				Serial No.: 3482-2 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	1723.80	60.89	-9.33	51.56	68.20	16.64	Peak	1	1597.30	60.56	-8.38	52.18	74.00	21.82	Peak

Project No.: 2502U62651E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n20_U-NII-2A_high channel 5320MHz Chain1 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz								Project No.: 2502U62651E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n20_U-NII-2A_high channel 5320MHz Chain1 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz							
Serial No.: 3482-2 Tester: Leo Xiao								Serial No.: 3482-2 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	10640.00	47.17	2.48	49.65	74.00	24.35	Peak	1	10640.00	48.01	2.48	50.49	74.00	23.51	Peak
2	15960.00	47.16	3.54	50.70	74.00	23.30	Peak	2	15960.00	46.78	3.54	50.32	74.00	23.68	Peak
3	17995.40	48.02	11.26	59.28	74.00	14.72	Peak	3	17993.10	48.20	11.25	59.45	74.00	14.55	Peak
4	17995.40	36.37	11.26	47.63	54.00	6.37	Average	4	17993.10	36.25	11.25	47.50	54.00	6.50	Average

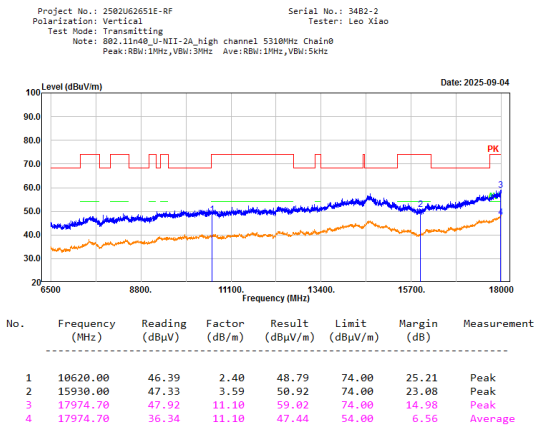
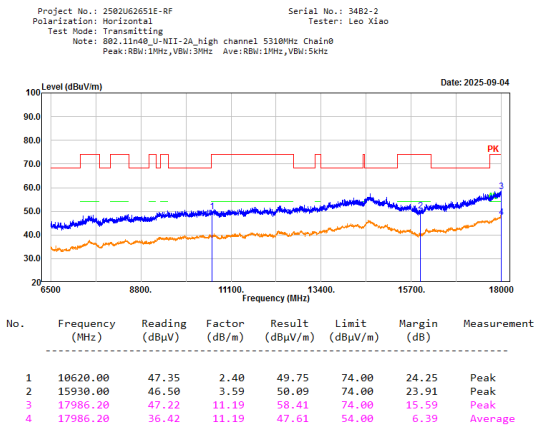
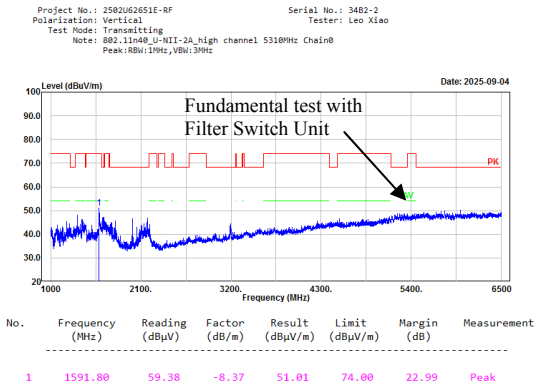
Chain 0



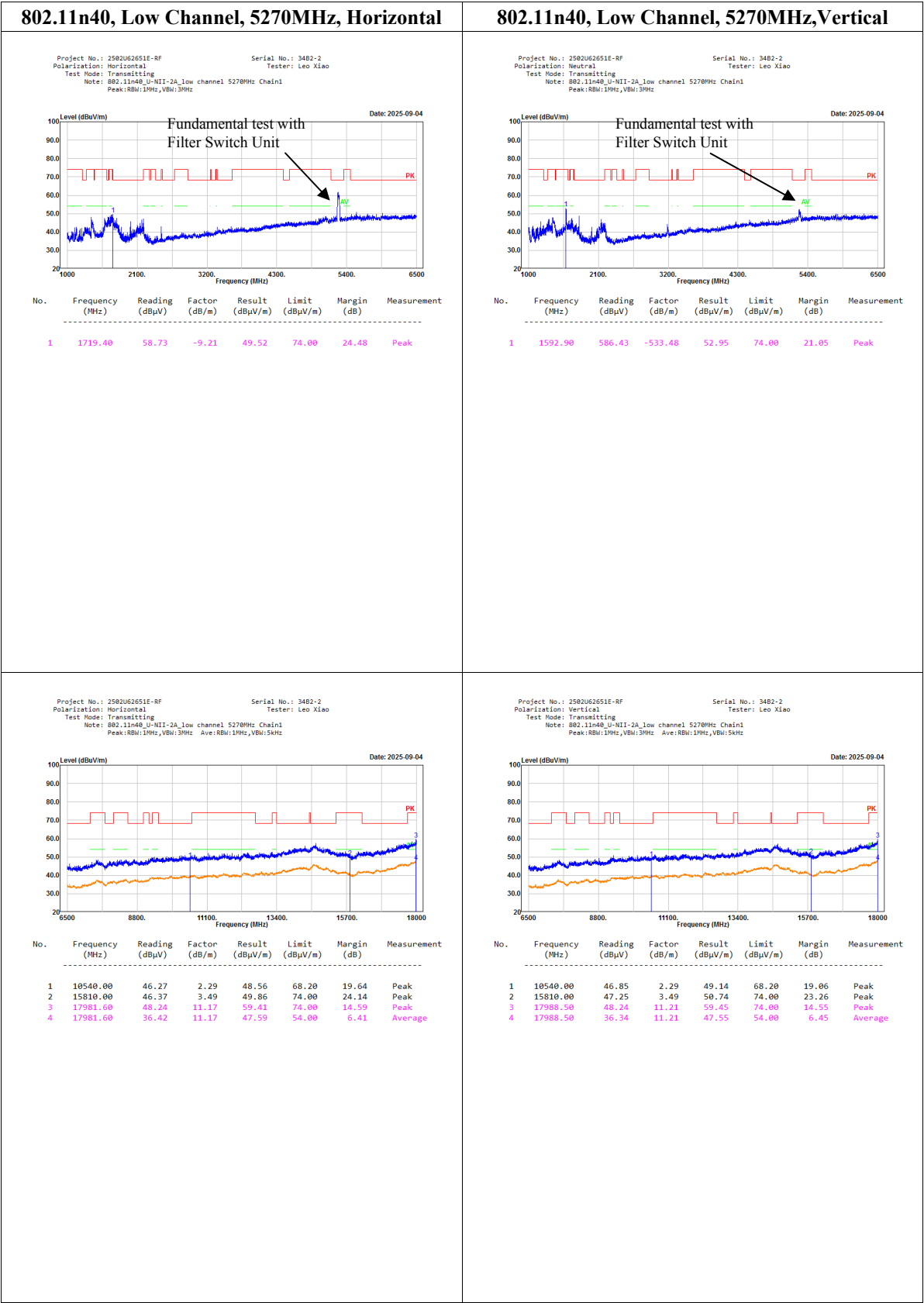
802.11n40, High Channel, 5310MHz, Horizontal



802.11n40, High Channel, 5310MHz, Vertical

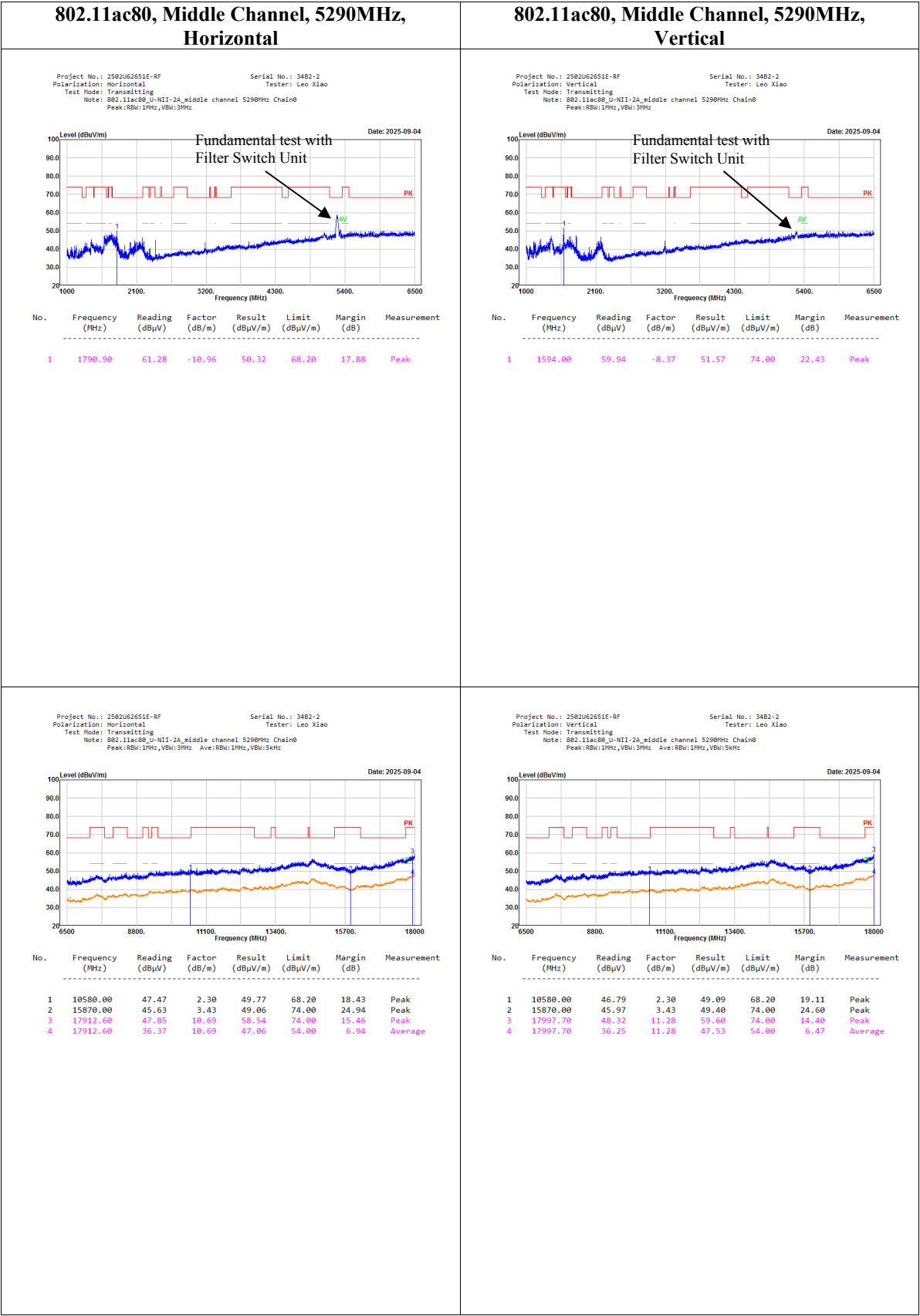


Chain 1



802.11n40, High Channel, 5310MHz, Horizontal																																																																																													
Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Horizontal Tester: Leo Xiao Test Mode: Transmitting Note: 802.11n40 U-NII-2A_high channel 5310MHz Chain1 Peak:RBW:1MHz,VBW:3MHz Level (dBuV/m) Fundamental test with Filter Switch Unit Date: 2025-09-04 <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>1733.70</td><td>59.64</td><td>-9.60</td><td>50.04</td><td>68.20</td><td>18.16</td><td>Peak</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	1733.70	59.64	-9.60	50.04	68.20	18.16	Peak	802.11n40, High Channel, 5310MHz, Vertical																																																																						
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	1733.70	59.64	-9.60	50.04	68.20	18.16	Peak																																																																																						
Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Vertical Tester: Leo Xiao Test Mode: Transmitting Note: 802.11n40 U-NII-2A_high channel 5310MHz Chain1 Peak:RBW:1MHz,VBW:3MHz Level (dBuV/m) Fundamental test with Filter Switch Unit Date: 2025-09-04 <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>1594.00</td><td>58.22</td><td>-8.37</td><td>49.85</td><td>74.00</td><td>24.15</td><td>Peak</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	1594.00	58.22	-8.37	49.85	74.00	24.15	Peak																																																																							
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	1594.00	58.22	-8.37	49.85	74.00	24.15	Peak																																																																																						
Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Horizontal Tester: Leo Xiao Test Mode: Transmitting Note: 802.11n40 U-NII-2A_high channel 5310MHz Chain1 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) Date: 2025-09-04 <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>18620.00</td><td>47.64</td><td>2.40</td><td>50.04</td><td>74.00</td><td>23.96</td><td>Peak</td></tr><tr><td>2</td><td>15930.00</td><td>46.75</td><td>3.59</td><td>50.34</td><td>74.00</td><td>23.66</td><td>Peak</td></tr><tr><td>3</td><td>17997.70</td><td>47.47</td><td>11.28</td><td>58.75</td><td>74.00</td><td>15.25</td><td>Peak</td></tr><tr><td>4</td><td>17997.70</td><td>36.47</td><td>11.28</td><td>47.75</td><td>54.00</td><td>6.25</td><td>Average</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	18620.00	47.64	2.40	50.04	74.00	23.96	Peak	2	15930.00	46.75	3.59	50.34	74.00	23.66	Peak	3	17997.70	47.47	11.28	58.75	74.00	15.25	Peak	4	17997.70	36.47	11.28	47.75	54.00	6.25	Average	Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Vertical Tester: Leo Xiao Test Mode: Transmitting Note: 802.11n40 U-NII-2A_high channel 5310MHz Chain1 Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) Date: 2025-09-04 <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>18620.00</td><td>46.61</td><td>2.40</td><td>49.01</td><td>74.00</td><td>24.99</td><td>Peak</td></tr><tr><td>2</td><td>15930.00</td><td>46.47</td><td>3.59</td><td>50.06</td><td>74.00</td><td>23.94</td><td>Peak</td></tr><tr><td>3</td><td>17986.20</td><td>47.62</td><td>11.19</td><td>58.81</td><td>74.00</td><td>15.19</td><td>Peak</td></tr><tr><td>4</td><td>17986.20</td><td>36.35</td><td>11.19</td><td>47.54</td><td>54.00</td><td>6.46</td><td>Average</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	18620.00	46.61	2.40	49.01	74.00	24.99	Peak	2	15930.00	46.47	3.59	50.06	74.00	23.94	Peak	3	17986.20	47.62	11.19	58.81	74.00	15.19	Peak	4	17986.20	36.35	11.19	47.54	54.00	6.46	Average
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	18620.00	47.64	2.40	50.04	74.00	23.96	Peak																																																																																						
2	15930.00	46.75	3.59	50.34	74.00	23.66	Peak																																																																																						
3	17997.70	47.47	11.28	58.75	74.00	15.25	Peak																																																																																						
4	17997.70	36.47	11.28	47.75	54.00	6.25	Average																																																																																						
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	18620.00	46.61	2.40	49.01	74.00	24.99	Peak																																																																																						
2	15930.00	46.47	3.59	50.06	74.00	23.94	Peak																																																																																						
3	17986.20	47.62	11.19	58.81	74.00	15.19	Peak																																																																																						
4	17986.20	36.35	11.19	47.54	54.00	6.46	Average																																																																																						

Chain 0



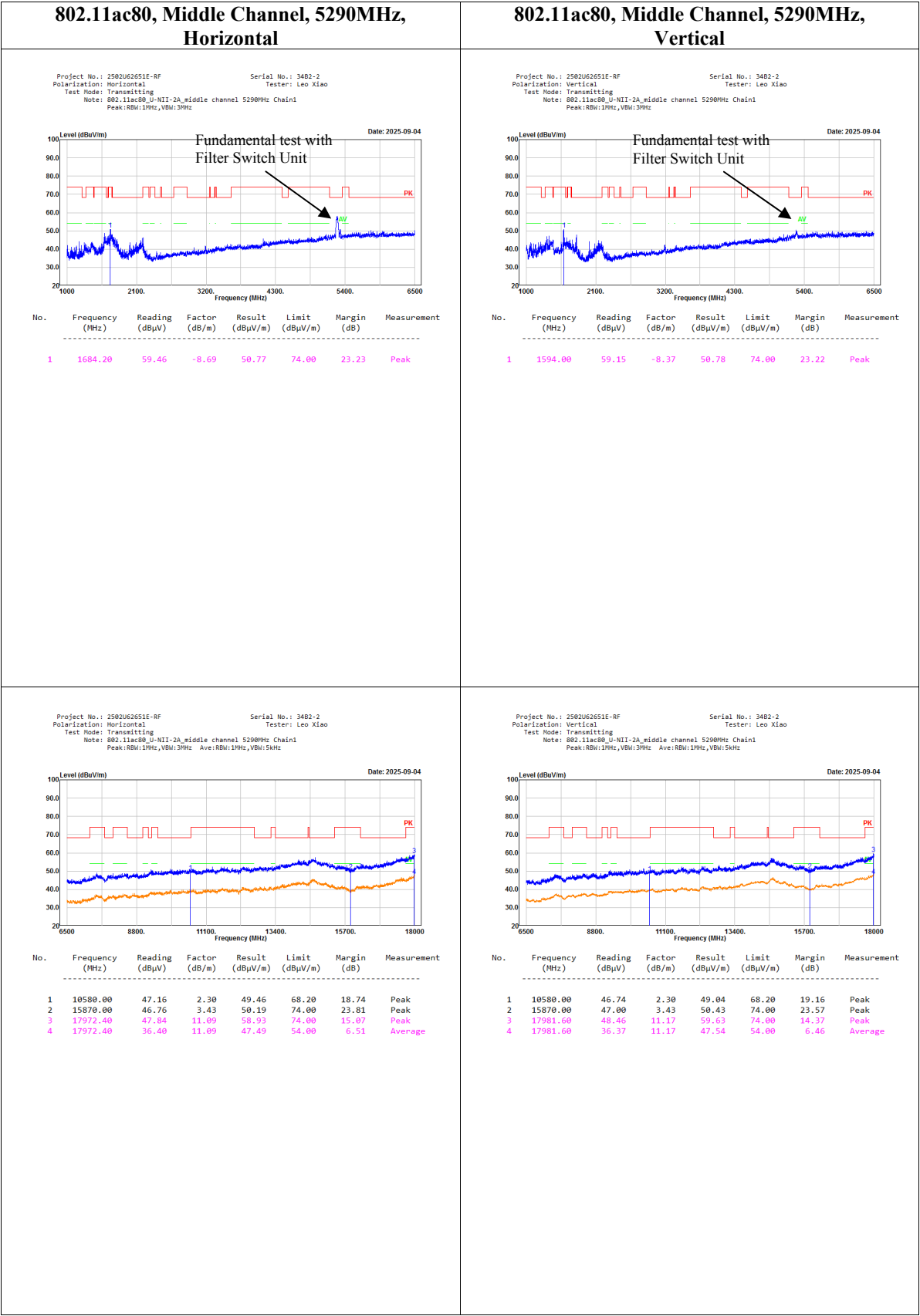
Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2A_middle channel 5290MHz Chain0
Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao

Level (dBuV/m)
Date: 2025-09-04

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10580.00	46.79	2.30	49.09	68.20	19.11	Peak
2	15870.00	45.97	3.43	49.40	74.00	24.60	Peak
3	17997.70	48.32	11.28	59.60	74.00	14.40	Peak
4	17997.70	36.25	11.28	47.53	54.00	6.47	Average

Chain 1



Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2A_middle channel 5290MHz Chain1
Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz

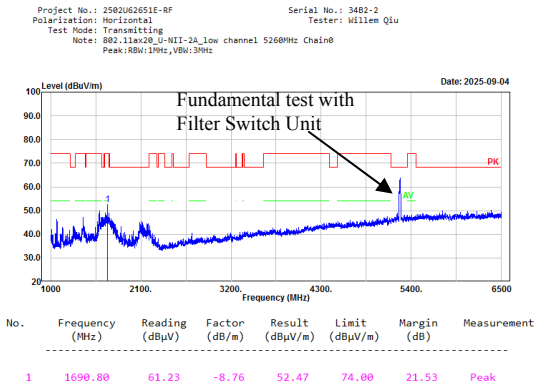
Serial No.: 3482-2
Tester: Leo Xiao

Level (dBuV/m)
Date: 2025-09-04

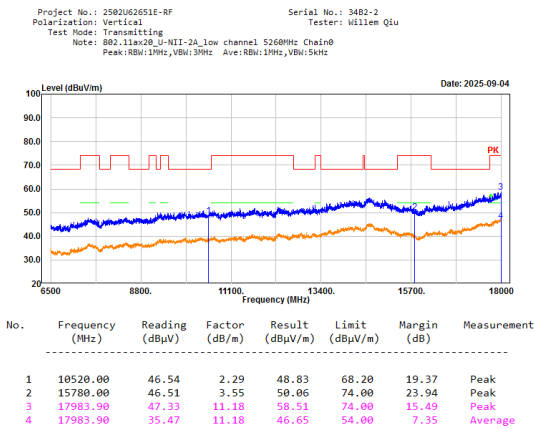
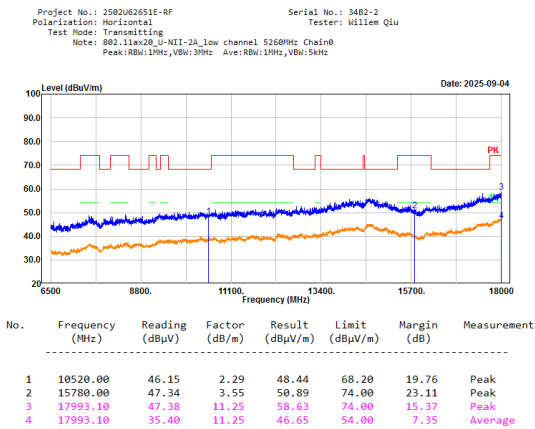
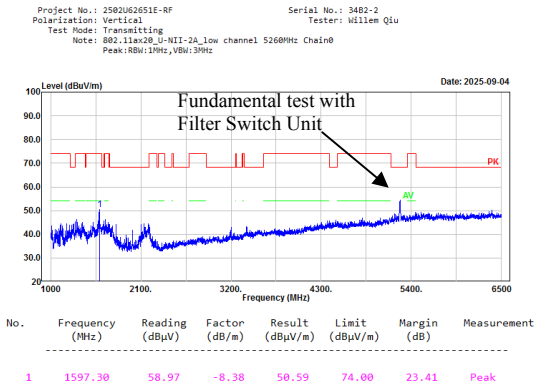
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10580.00	46.74	2.30	49.04	68.20	19.16	Peak
2	15870.00	47.00	3.43	50.43	74.00	23.57	Peak
3	17981.60	48.46	11.17	59.63	74.00	14.37	Peak
4	17981.60	36.37	11.17	47.54	54.00	6.46	Average

Chain 0

802.11ax20, Low Channel, 5260MHz, Horizontal

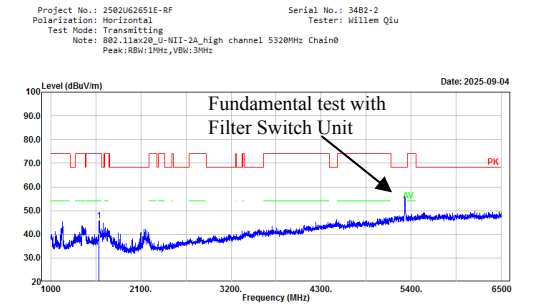


802.11ax20, Low Channel, 5260MHz, Vertical



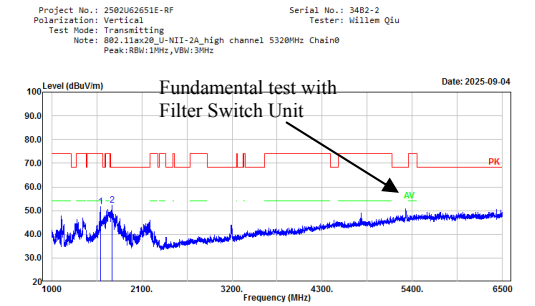
802.11ax20, Middle Channel, 5280MHz,Horizontal							802.11ax20, Middle Channel, 5280MHz, Vertical																																																																																						
Project No.: 2502U62651E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain0 Peak:RBW:1MHz,VBW:30Hz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-04 Level (dBuV/m) Fundamental test with Filter Switch Unit 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 100021003200430054006500 Frequency (MHz) <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>1598.40</td><td>60.73</td><td>-8.38</td><td>52.35</td><td>74.00</td><td>21.65</td><td>Peak</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	1598.40	60.73	-8.38	52.35	74.00	21.65	Peak	Project No.: 2502U62651E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain0 Peak:RBW:1MHz,VBW:30Hz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-04 Level (dBuV/m) Fundamental test with Filter Switch Unit 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 100021003200430054006500 Frequency (MHz) <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>1598.40</td><td>60.51</td><td>-8.38</td><td>52.13</td><td>74.00</td><td>21.87</td><td>Peak</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	1598.40	60.51	-8.38	52.13	74.00	21.87	Peak																																																
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	1598.40	60.73	-8.38	52.35	74.00	21.65	Peak																																																																																						
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	1598.40	60.51	-8.38	52.13	74.00	21.87	Peak																																																																																						
Project No.: 2502U62651E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain0 Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-04 Level (dBuV/m) 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 6500880011100134001570018000 Frequency (MHz) <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>10560.00</td><td>46.63</td><td>2.29</td><td>48.92</td><td>68.20</td><td>19.28</td><td>Peak</td></tr><tr><td>2</td><td>15840.00</td><td>46.74</td><td>3.44</td><td>50.18</td><td>74.00</td><td>23.82</td><td>Peak</td></tr><tr><td>3</td><td>17965.50</td><td>47.79</td><td>11.05</td><td>58.84</td><td>74.00</td><td>15.16</td><td>Peak</td></tr><tr><td>4</td><td>17965.50</td><td>35.64</td><td>11.05</td><td>46.69</td><td>54.00</td><td>7.31</td><td>Average</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	10560.00	46.63	2.29	48.92	68.20	19.28	Peak	2	15840.00	46.74	3.44	50.18	74.00	23.82	Peak	3	17965.50	47.79	11.05	58.84	74.00	15.16	Peak	4	17965.50	35.64	11.05	46.69	54.00	7.31	Average	Project No.: 2502U62651E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain0 Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-04 Level (dBuV/m) 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 6500880011100134001570018000 Frequency (MHz) <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>10560.00</td><td>46.50</td><td>2.29</td><td>48.79</td><td>68.20</td><td>19.41</td><td>Peak</td></tr><tr><td>2</td><td>15840.00</td><td>46.16</td><td>3.44</td><td>49.60</td><td>74.00</td><td>24.40</td><td>Peak</td></tr><tr><td>3</td><td>17997.70</td><td>47.60</td><td>11.28</td><td>58.88</td><td>74.00</td><td>15.12</td><td>Peak</td></tr><tr><td>4</td><td>17997.70</td><td>35.39</td><td>11.28</td><td>46.67</td><td>54.00</td><td>7.33</td><td>Average</td></tr></table>							No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement	1	10560.00	46.50	2.29	48.79	68.20	19.41	Peak	2	15840.00	46.16	3.44	49.60	74.00	24.40	Peak	3	17997.70	47.60	11.28	58.88	74.00	15.12	Peak	4	17997.70	35.39	11.28	46.67	54.00	7.33	Average
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	10560.00	46.63	2.29	48.92	68.20	19.28	Peak																																																																																						
2	15840.00	46.74	3.44	50.18	74.00	23.82	Peak																																																																																						
3	17965.50	47.79	11.05	58.84	74.00	15.16	Peak																																																																																						
4	17965.50	35.64	11.05	46.69	54.00	7.31	Average																																																																																						
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement																																																																																						
1	10560.00	46.50	2.29	48.79	68.20	19.41	Peak																																																																																						
2	15840.00	46.16	3.44	49.60	74.00	24.40	Peak																																																																																						
3	17997.70	47.60	11.28	58.88	74.00	15.12	Peak																																																																																						
4	17997.70	35.39	11.28	46.67	54.00	7.33	Average																																																																																						

802.11ax20, High Channel, 5320MHz, Horizontal

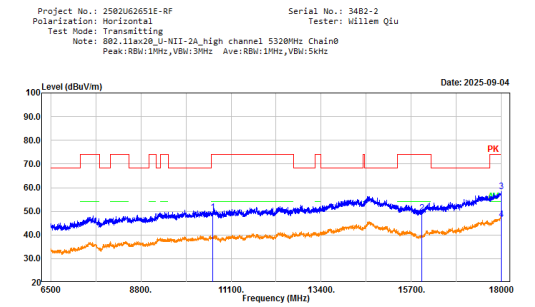


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1592.90	54.14	-8.38	45.76	74.00	28.24	Peak

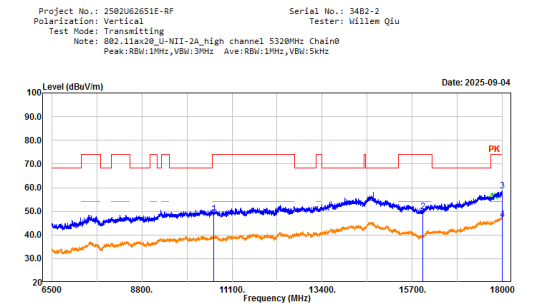
802.11ax20, High Channel, 5320MHz, Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1598.40	59.99	-8.38	51.61	74.00	22.39	Peak
2	1738.10	62.04	-9.72	52.32	68.20	15.88	Peak



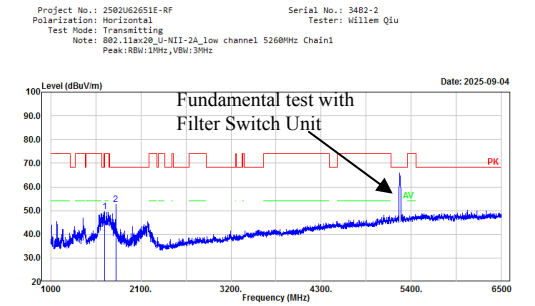
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10640.00	47.13	2.48	49.61	74.00	24.39	Peak
2	15960.00	45.76	3.54	49.30	74.00	24.70	Peak
3	17990.80	47.15	11.23	58.38	74.00	15.62	Peak
4	17990.80	35.36	11.23	46.59	54.00	7.41	Average



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10640.00	46.63	2.48	49.11	74.00	24.89	Peak
2	15960.00	46.36	3.54	49.90	74.00	24.10	Peak
3	17990.80	47.34	11.23	58.57	74.00	15.43	Peak
4	17990.80	35.36	11.23	46.59	54.00	7.41	Average

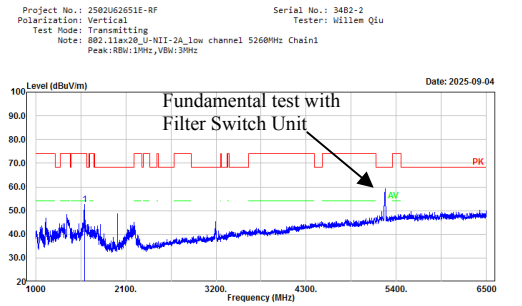
Chain 1

802.11ax20, Low Channel, 5260MHz, Horizontal

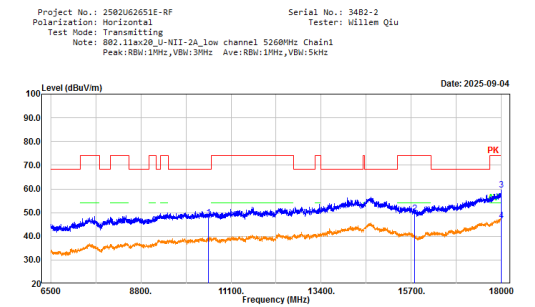


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1658.90	57.99	-8.55	49.44	68.20	18.76	Peak
2	1794.20	63.56	-11.05	52.51	68.20	15.69	Peak

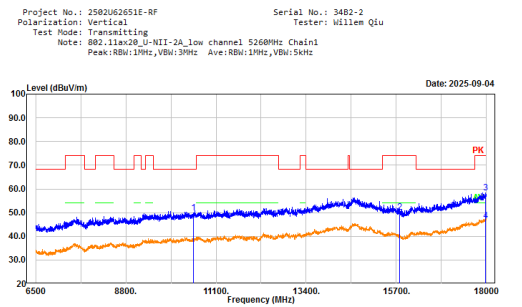
802.11ax20, Low Channel, 5260MHz, Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1594.00	61.04	-8.37	52.67	74.00	21.33	Peak



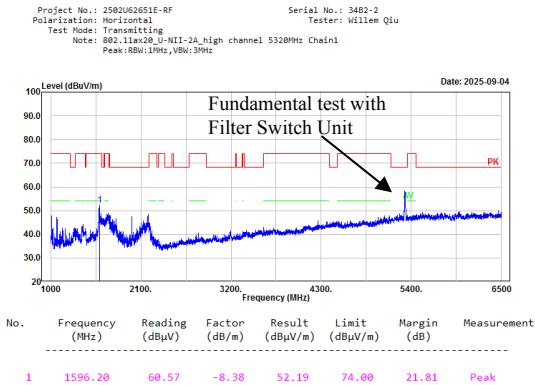
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10520.00	45.34	2.29	47.63	68.20	20.57	Peak
2	15780.00	46.03	3.55	49.58	74.00	24.42	Peak
3	17986.20	48.35	11.19	59.54	74.00	14.46	Peak
4	17986.20	35.50	11.19	46.69	54.00	7.31	Average



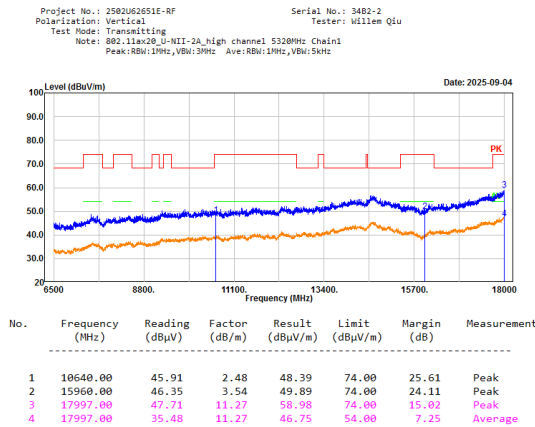
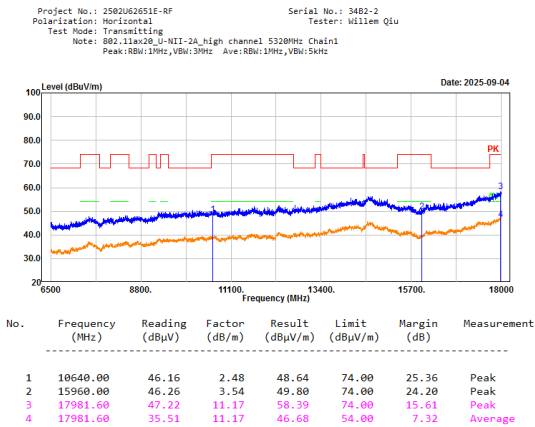
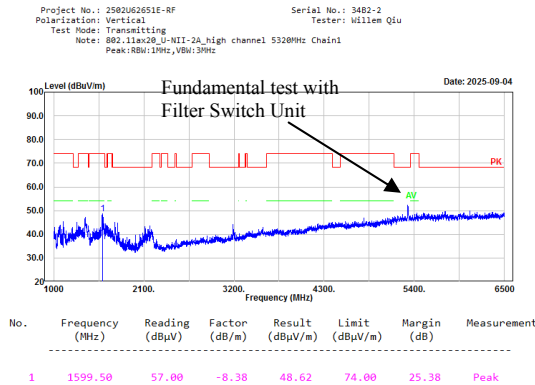
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10520.00	47.70	2.29	49.99	68.20	18.21	Peak
2	15780.00	46.57	3.55	50.12	74.00	23.88	Peak
3	17967.80	47.36	11.06	58.42	74.00	15.58	Peak
4	17967.80	35.59	11.06	46.65	54.00	7.35	Average

802.11ax20, Middle Channel, 5280MHz,Horizontal Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Horizontal Tester: Willem Qiu Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain1 Peak:RBW:1MHz,VBW:30Hz Level (dBuV/m) 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 Fundamental test with Filter Switch Unit PK AV 1000 2100 3200 4300 5400 6500 Frequency (MHz) No. Frequency (MHz) Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Margin (dB) Measurement 1 1625.90 58.21 -8.48 49.73 74.00 24.27 Peak	802.11ax20, Middle Channel, 5280MHz, Vertical Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Vertical Tester: Willem Qiu Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain1 Peak:RBW:1MHz,VBW:30Hz Level (dBuV/m) 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 Fundamental test with Filter Switch Unit PK AV 1000 2100 3200 4300 5400 6500 Frequency (MHz) No. Frequency (MHz) Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Margin (dB) Measurement 1 1596.20 59.80 -8.38 51.42 74.00 22.58 Peak
Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Horizontal Tester: Willem Qiu Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain1 Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 PK 3 AV 6500 8800 11100 13400 15700 18000 Frequency (MHz) No. Frequency (MHz) Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Margin (dB) Measurement 1 10560.00 45.67 2.29 47.96 68.20 20.24 Peak 2 15840.00 45.57 3.44 49.01 74.00 24.99 Peak 3 17986.20 47.69 11.19 58.88 74.00 15.12 Peak 4 17986.20 35.53 11.19 46.72 54.00 7.28 Average	Project No.: 2502U62651E-RF Serial No.: 3482-2 Polarization: Vertical Tester: Willem Qiu Test Mode: Transmitting Note: 802.11ax20_U-NII-2A_middle channel 5280MHz Chain1 Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz Level (dBuV/m) 100 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20 PK 3 AV 6500 8800 11100 13400 15700 18000 Frequency (MHz) No. Frequency (MHz) Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Margin (dB) Measurement 1 10560.00 46.39 2.29 48.68 68.20 19.52 Peak 2 15840.00 45.40 3.44 48.84 74.00 25.16 Peak 3 17986.20 46.78 11.19 57.97 74.00 16.03 Peak 4 17986.20 35.37 11.19 46.56 54.00 7.44 Average

802.11ax20, High Channel, 5320MHz, Horizontal

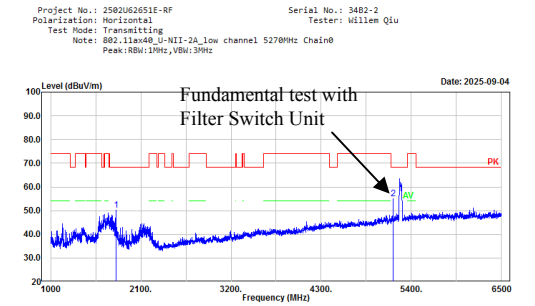


802.11ax20, High Channel, 5320MHz, Vertical



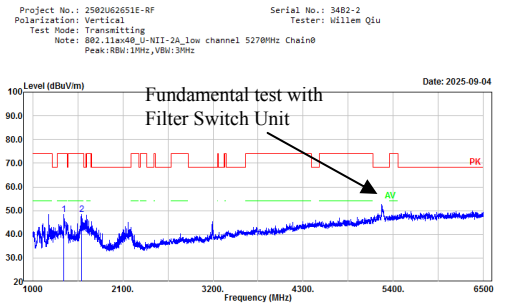
Chain 0

802.11ax40, Low Channel, 5270MHz, Horizontal

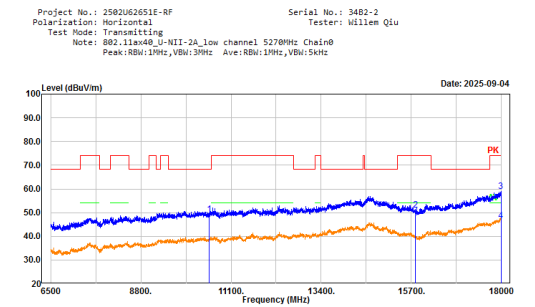


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1798.60	61.48	-11.17	50.31	68.20	17.89	Peak
2	5180.00	55.75	-0.73	55.02	68.20	13.18	Peak

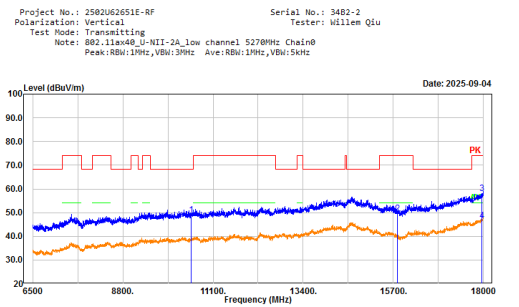
802.11ax40, Low Channel, 5270MHz, Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1380.60	56.57	-8.18	48.39	74.00	25.61	Peak
2	1599.50	56.75	-8.38	48.37	74.00	25.63	Peak

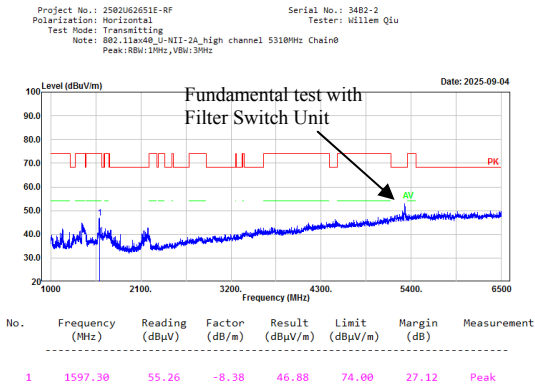


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10540.00	47.13	2.29	49.42	68.20	18.78	Peak
2	15810.00	47.68	3.49	51.17	74.00	22.83	Peak
3	17983.90	47.62	11.18	58.80	74.00	15.20	Peak
4	17983.90	35.47	11.18	46.65	54.00	7.35	Average

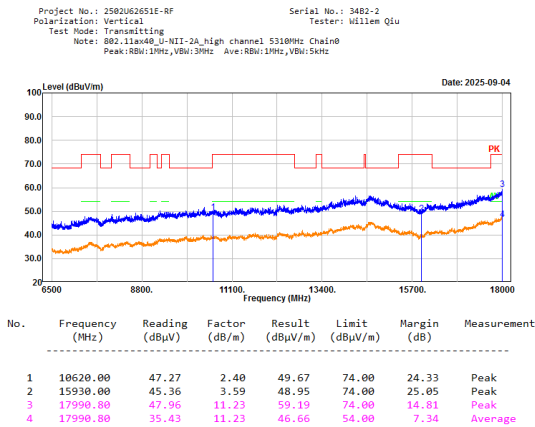
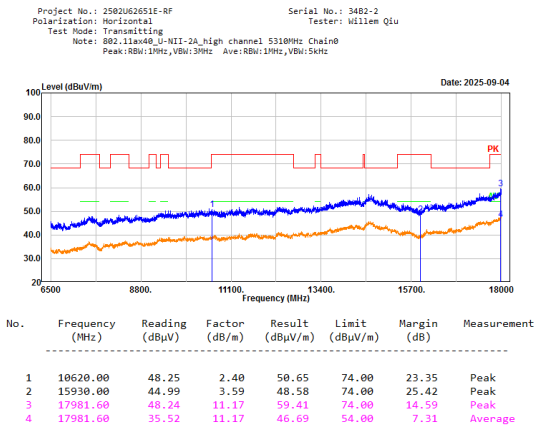
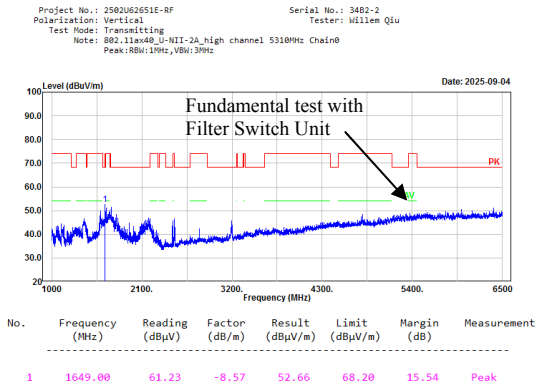


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	10540.00	46.76	2.29	49.05	68.20	19.15	Peak
2	15810.00	46.22	3.49	49.71	74.00	24.29	Peak
3	17951.70	47.17	10.96	58.13	74.00	15.87	Peak
4	17951.70	35.70	10.96	46.66	54.00	7.34	Average

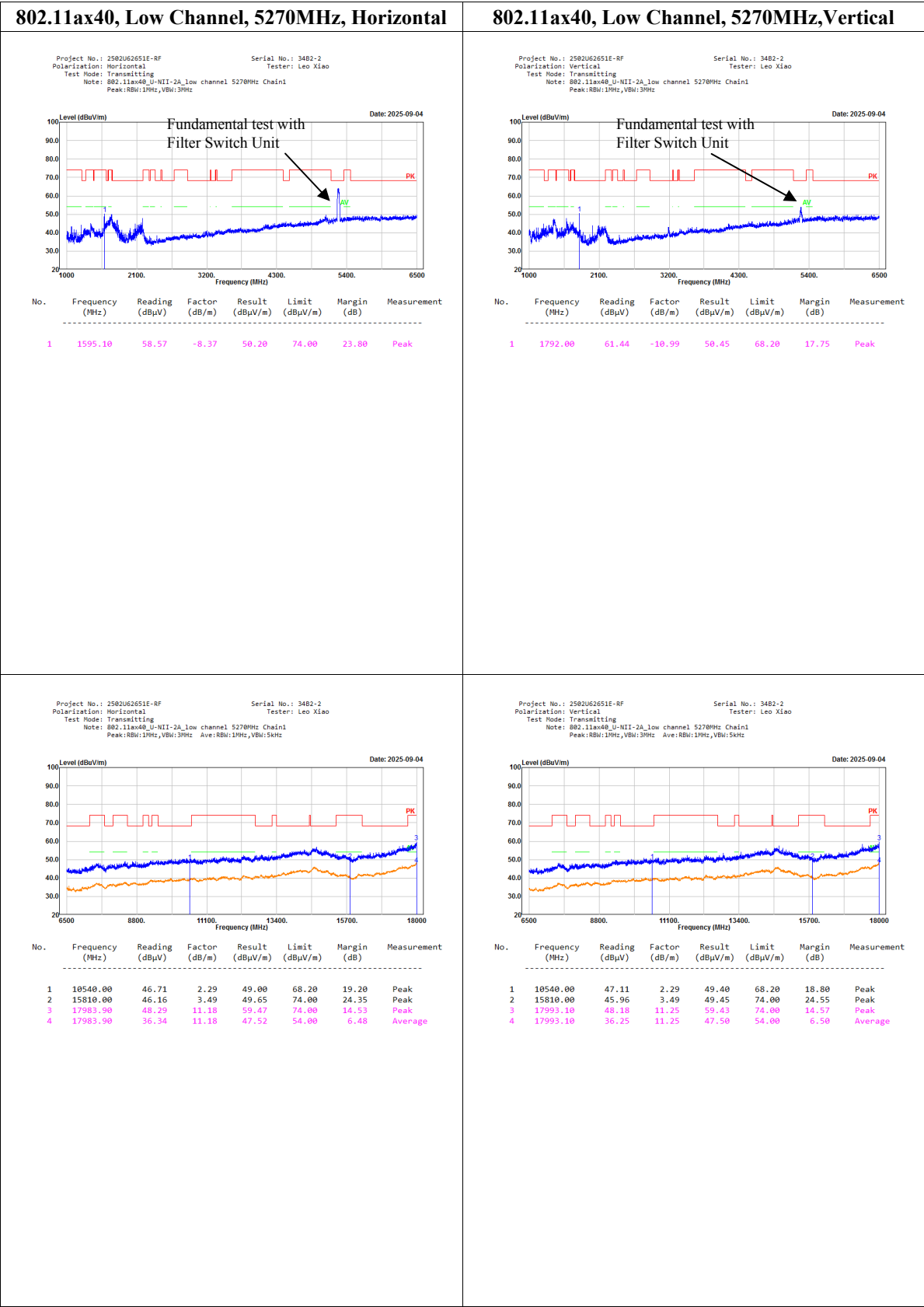
802.11ax40, High Channel, 5310MHz, Horizontal



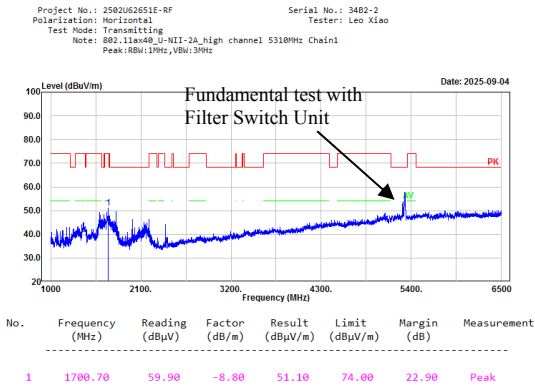
802.11ax40, High Channel, 5310MHz, Vertical



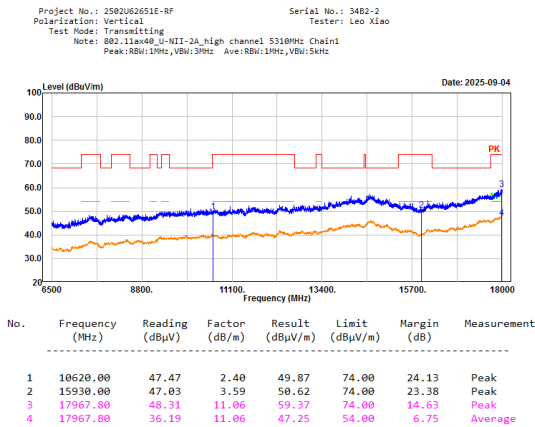
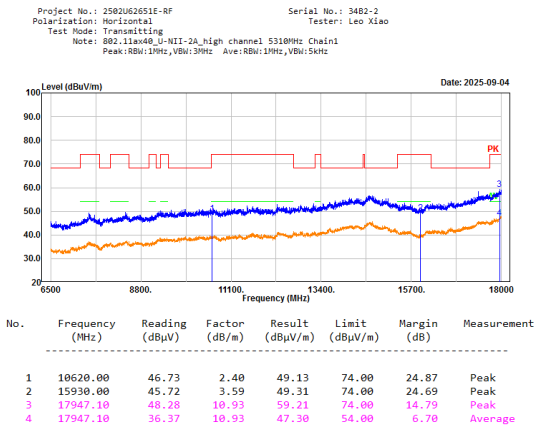
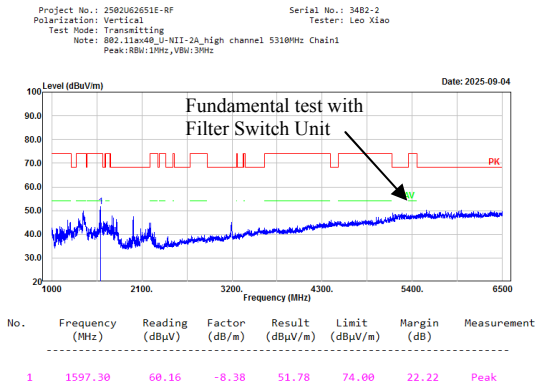
Chain 1



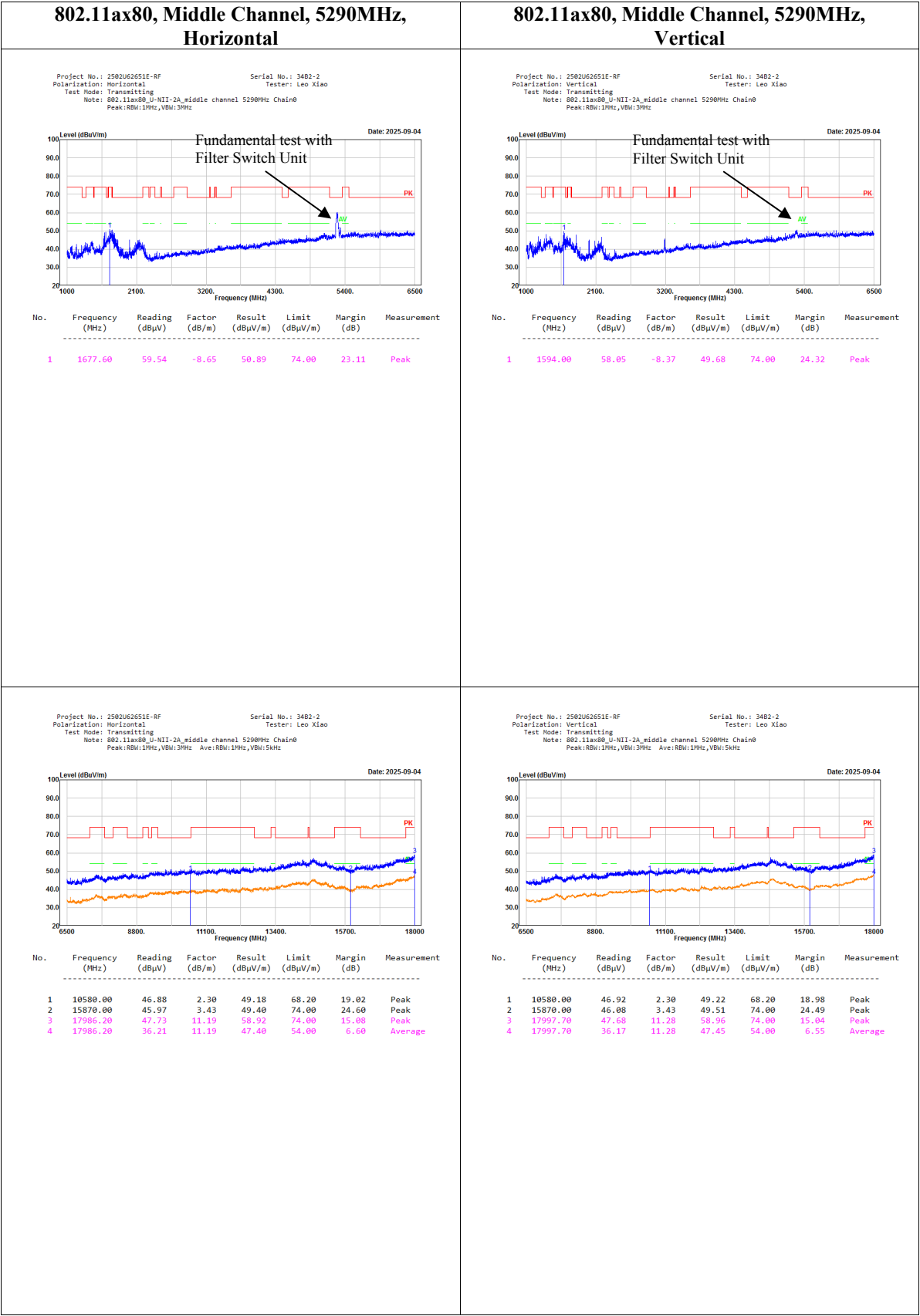
802.11ax40, High Channel, 5310MHz, Horizontal



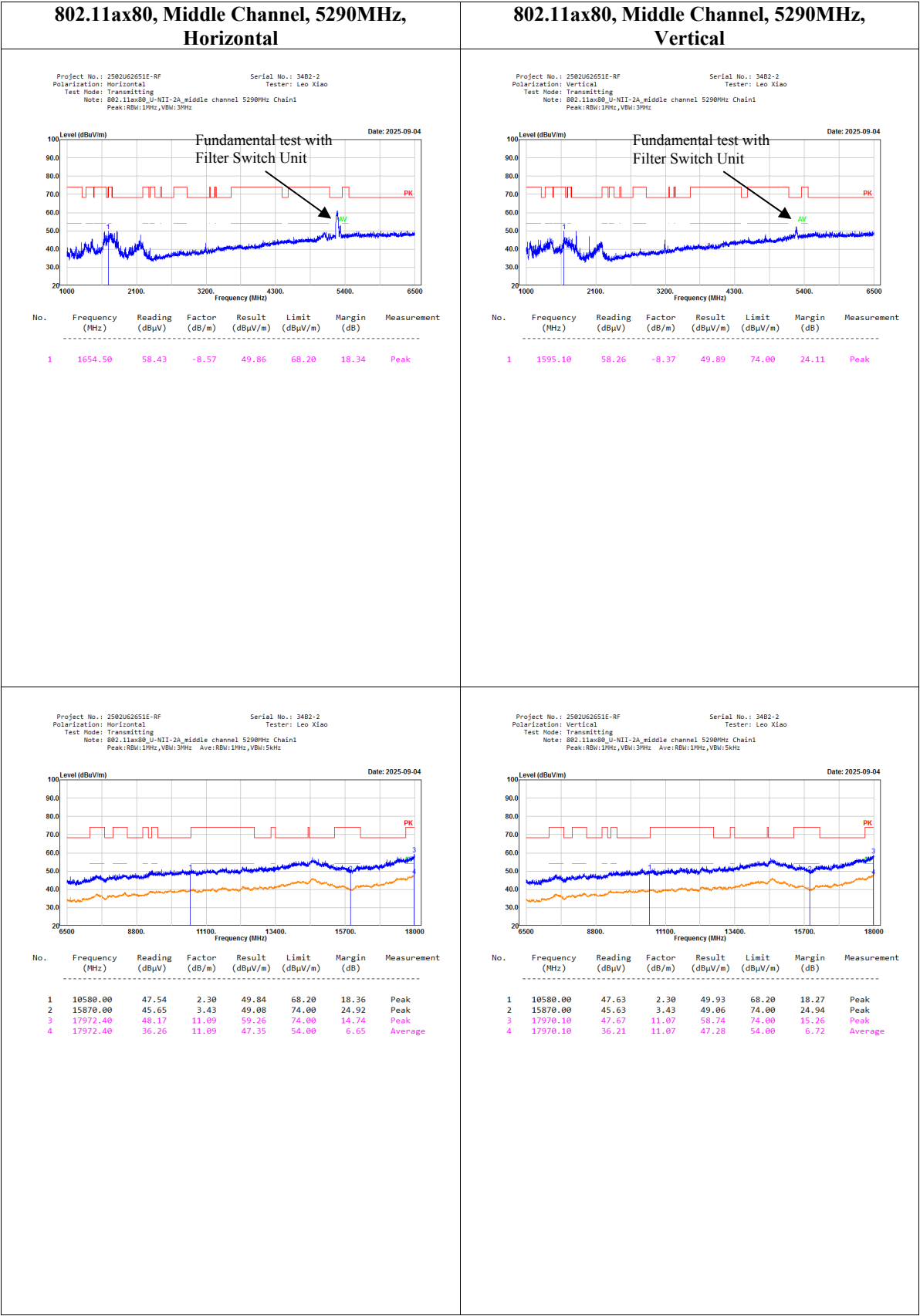
802.11ax40, High Channel, 5310MHz, Vertical



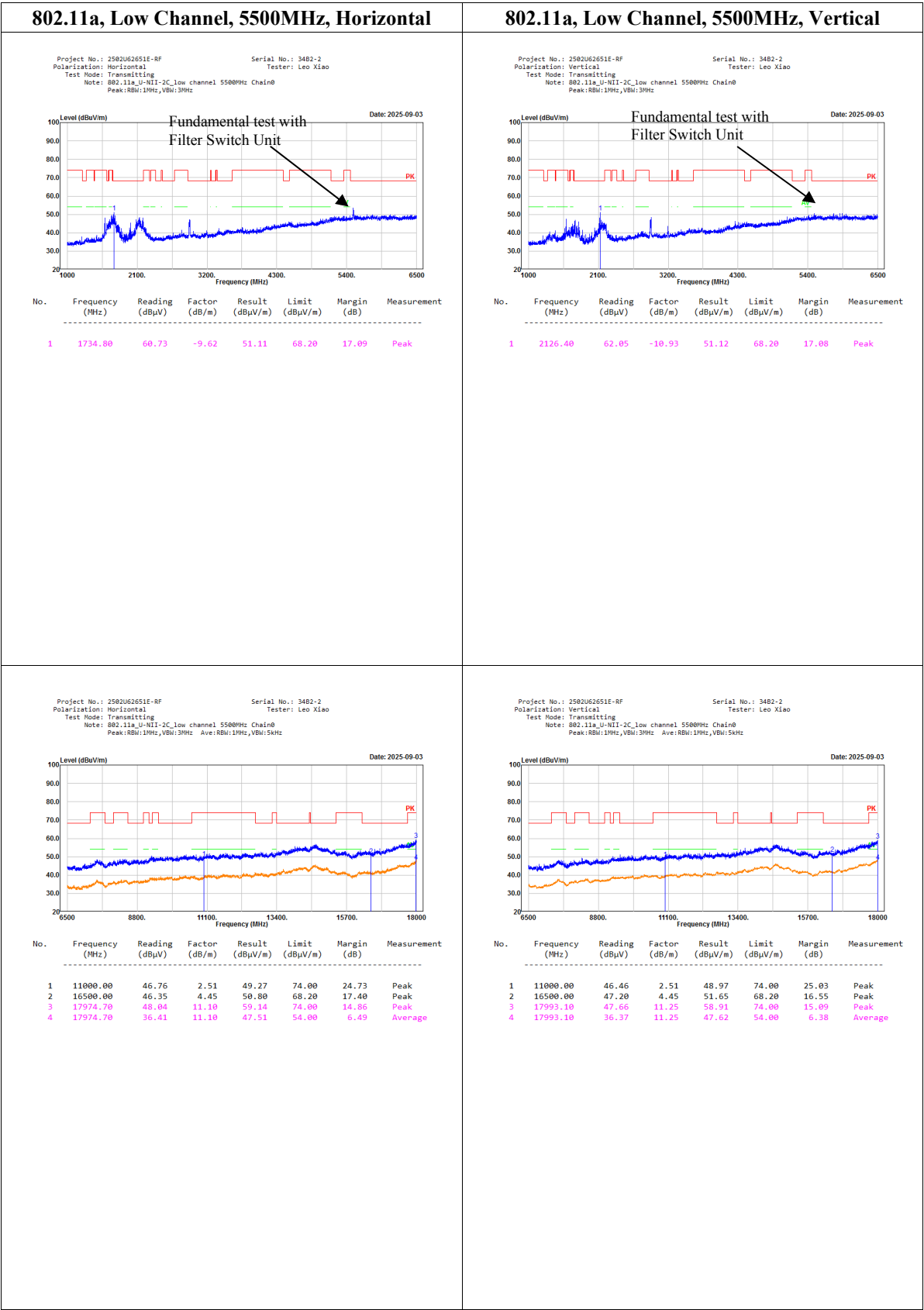
Chain 0



Chain 1



5470-5725MHz:Chain 0



802.11a, Middle Channel, 5580MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

Level (dBuV/m)
Fundamental test with Filter Switch Unit
Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1733.70	60.11	-9.60	50.51	68.20	17.69	Peak

802.11a, Middle Channel, 5580MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

Level (dBuV/m)
Fundamental test with Filter Switch Unit
Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2155.00	60.41	-10.79	49.62	68.20	18.58	Peak

802.11a, Middle Channel, 5580MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao

Level (dBuV/m)
Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11160.00	47.13	2.84	49.97	74.00	24.03	Peak
2	16740.00	47.78	5.18	52.96	68.20	15.24	Peak
3	17983.90	48.25	11.18	59.43	74.00	14.57	Peak
4	17983.90	36.40	11.18	47.58	54.00	6.42	Average

802.11a, Middle Channel, 5580MHz, Vertical

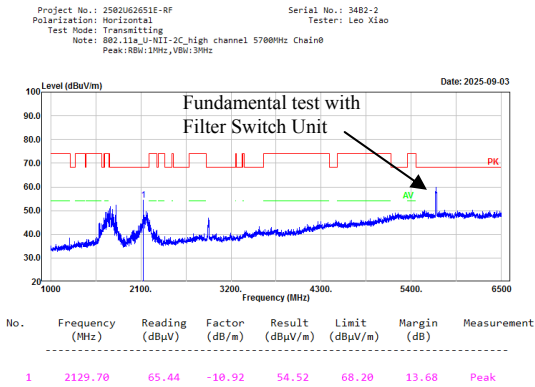
Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao

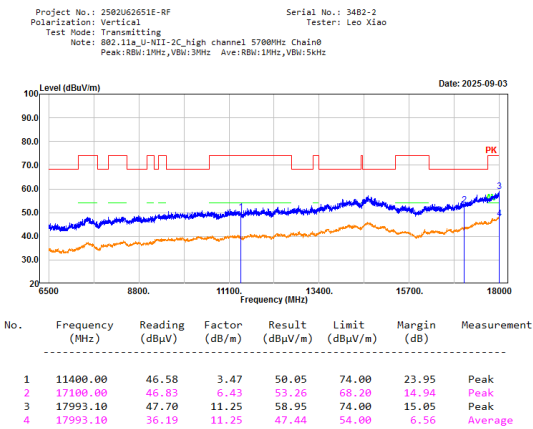
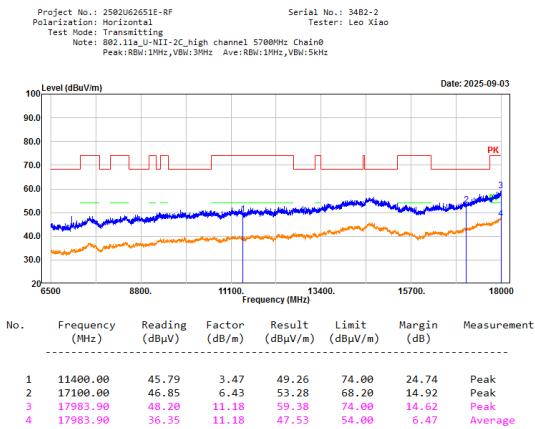
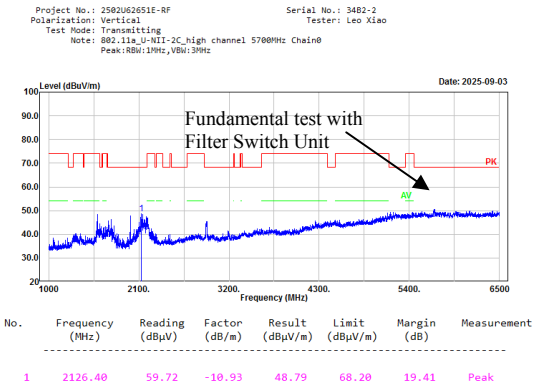
Level (dBuV/m)
Date: 2025-09-03

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11160.00	46.74	2.84	49.58	74.00	24.42	Peak
2	16740.00	46.92	5.18	52.10	68.20	16.10	Peak
3	17988.50	47.89	11.21	59.10	74.00	14.90	Peak
4	17988.50	36.21	11.21	47.42	54.00	6.58	Average

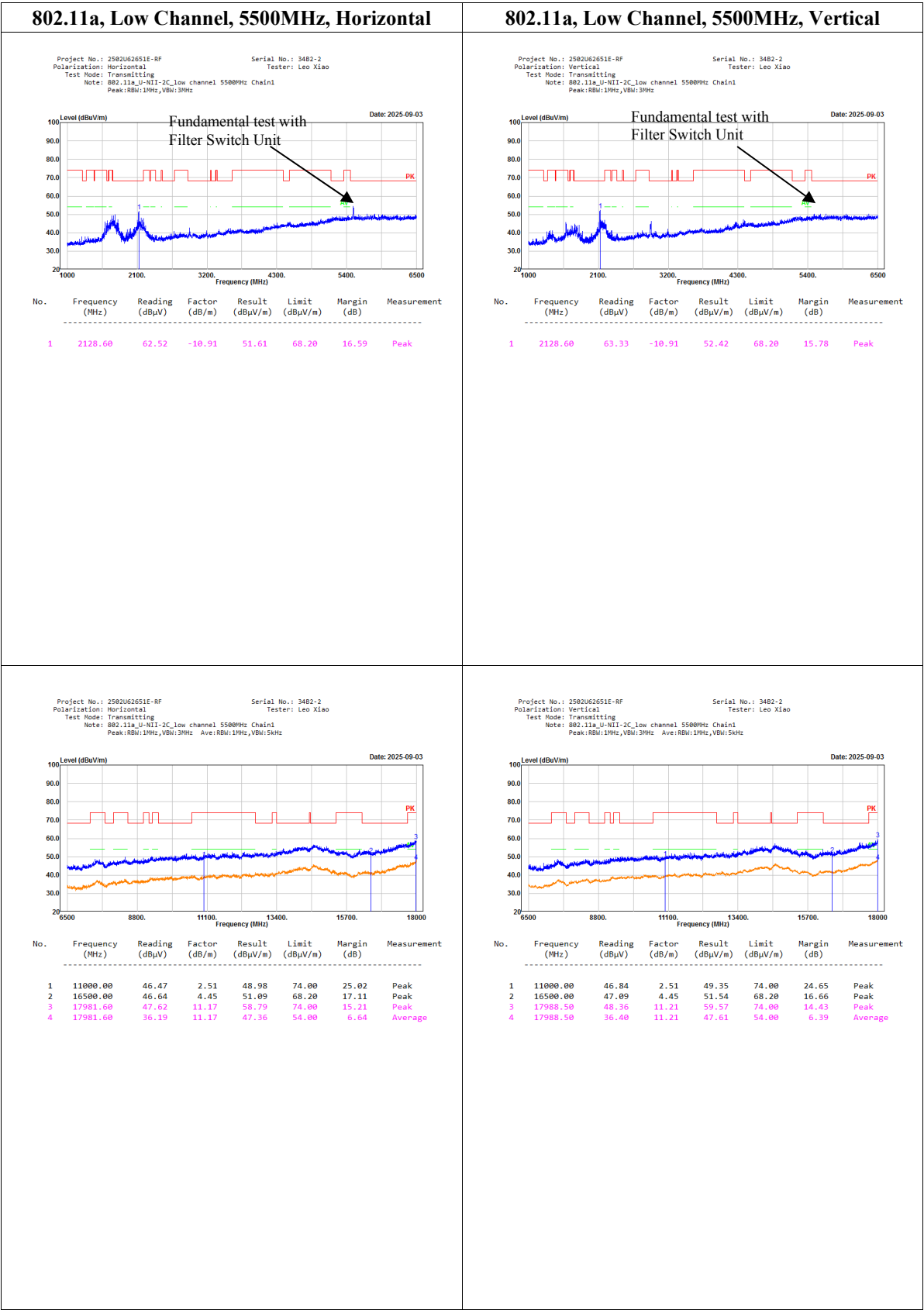
802.11a, High Channel, 5700MHz, Horizontal



802.11a, High Channel, 5700MHz, Vertical



Chain 1



802.11a, Middle Channel, 5580MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

Fundamental test with
Filter Switch Unit

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	1727.10	59.46	-9.42	50.04	68.20	18.16	Peak

802.11a, Middle Channel, 5580MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

Fundamental test with
Filter Switch Unit

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	1996.60	58.65	-11.32	47.33	68.20	20.87	Peak

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao

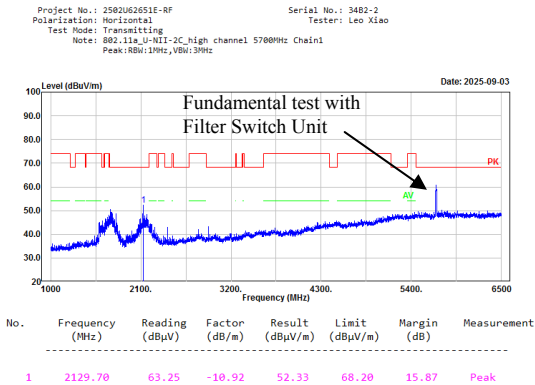
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	11160.00	47.17	2.84	50.01	74.00	23.99	Peak
2	16740.00	48.03	5.18	53.21	68.20	14.99	Peak
3	17979.30	47.53	11.14	58.67	74.00	15.33	Peak
4	17979.30	36.33	11.14	47.47	54.00	6.53	Average

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

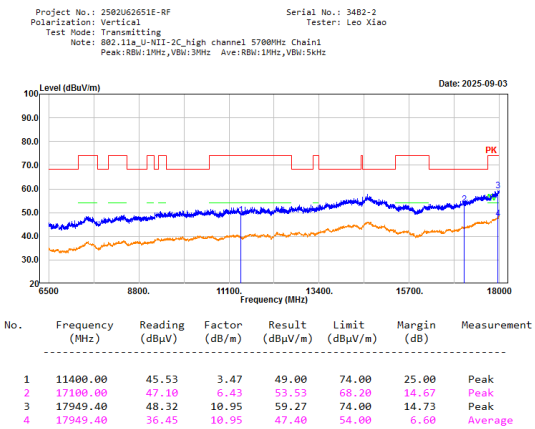
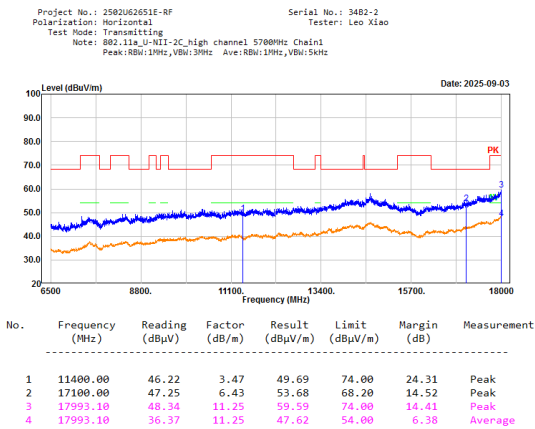
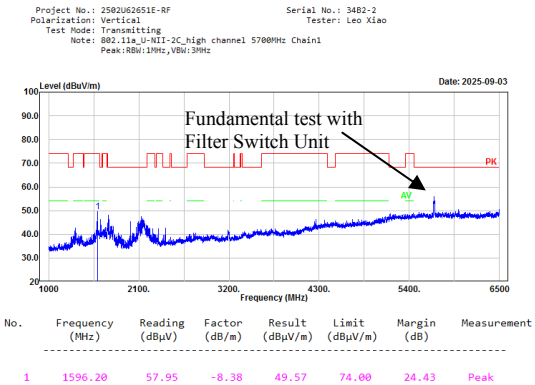
Serial No.: 3482-2
Tester: Leo Xiao

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	11160.00	46.92	2.84	49.76	74.00	24.24	Peak
2	16740.00	46.59	5.18	51.77	68.20	16.43	Peak
3	17986.20	47.70	11.19	58.89	74.00	15.11	Peak
4	17986.20	36.49	11.19	47.68	54.00	6.32	Average

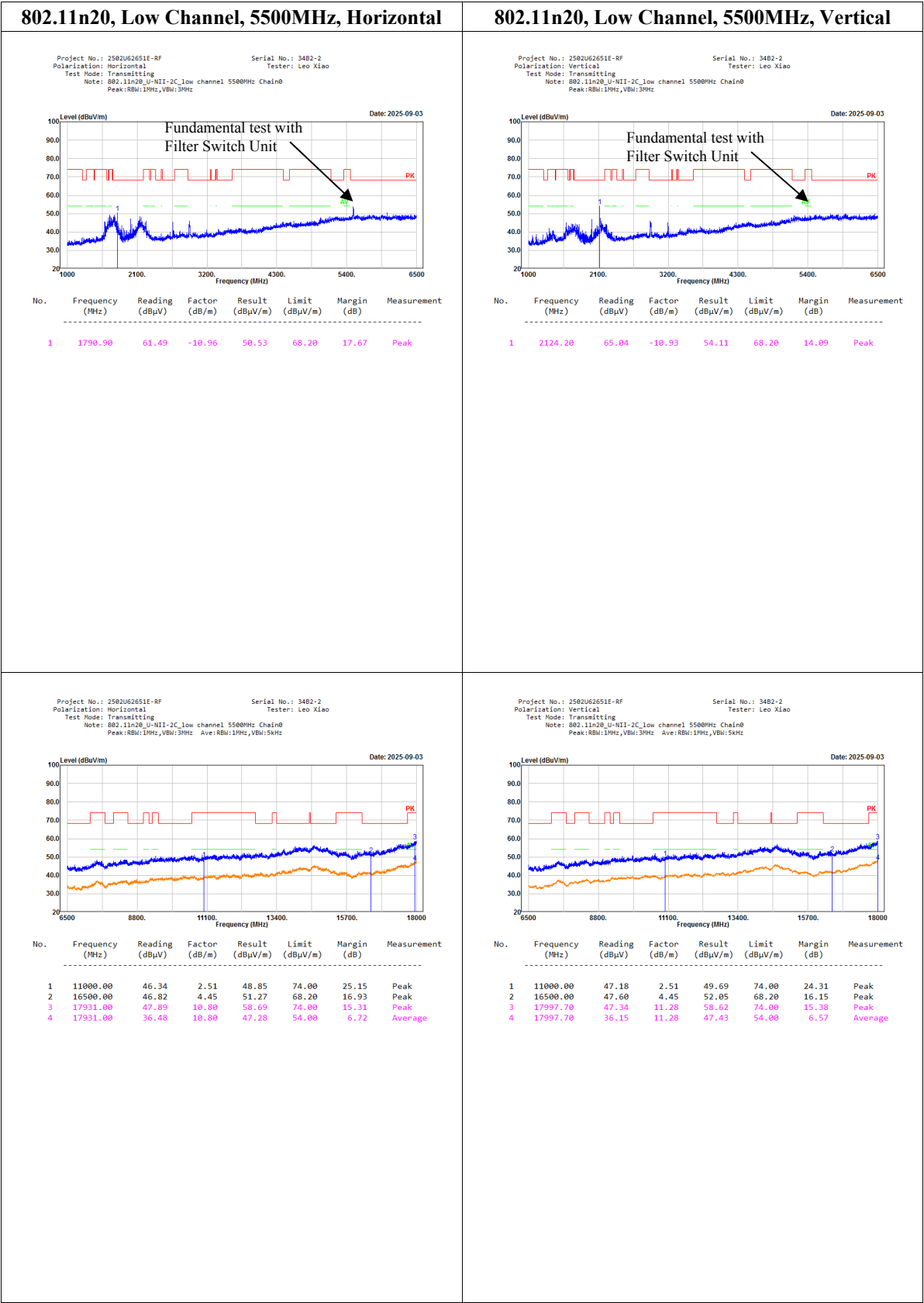
802.11a, High Channel, 5700MHz, Horizontal



802.11a, High Channel, 5700MHz, Vertical



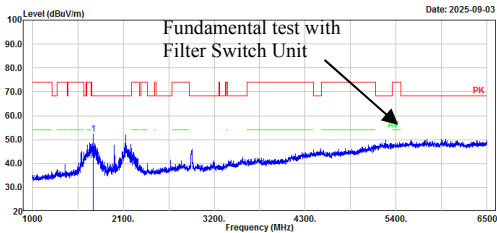
Chain 0



802.11n20, Middle Channel, 5580MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

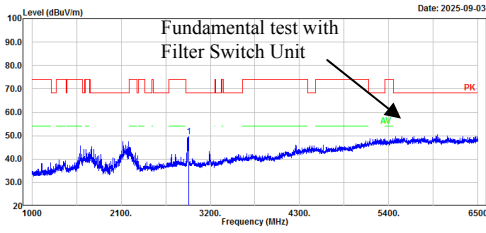


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1739.20	61.97	-9.74	52.23	68.20	15.97	Peak

802.11n20, Middle Channel, 5580MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz

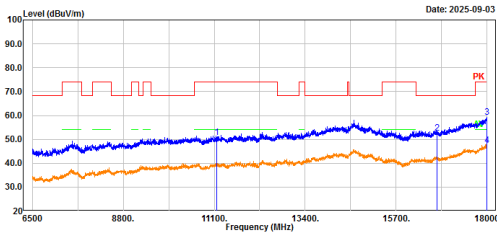
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2931.60	57.58	-7.87	49.71	68.20	18.49	Peak

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

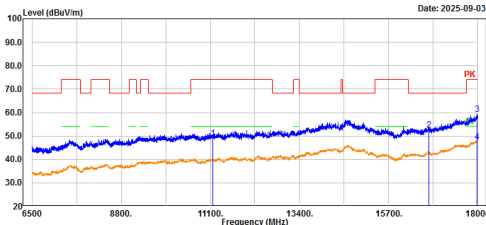
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11160.00	47.94	2.84	50.78	74.00	23.22	Peak
2	16740.00	47.54	5.18	52.72	68.20	15.48	Peak
3	17986.20	48.05	11.19	59.24	74.00	14.76	Peak
4	17986.20	36.35	11.19	47.54	54.00	6.46	Average

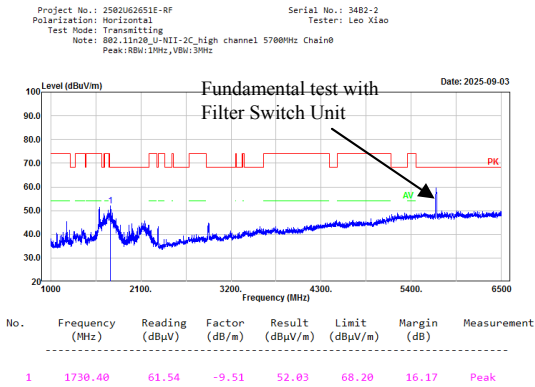
Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain0
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao

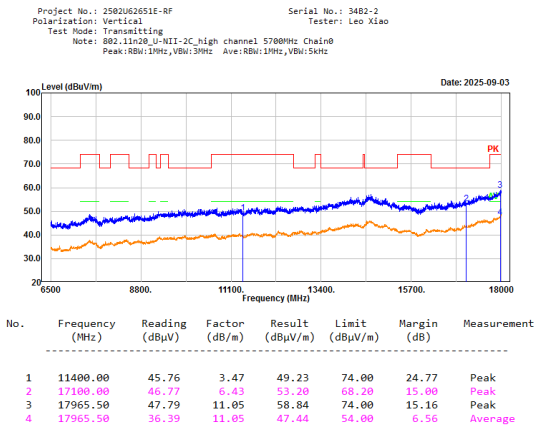
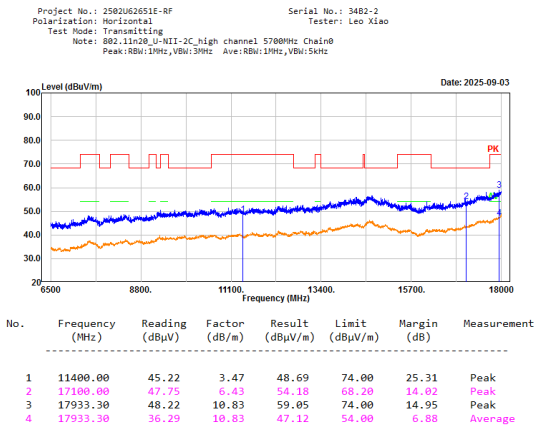
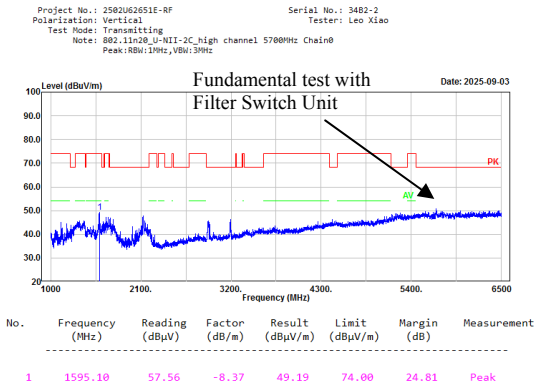


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11160.00	46.24	2.84	49.08	74.00	24.92	Peak
2	16740.00	47.40	5.18	52.58	68.20	15.62	Peak
3	17967.80	48.12	11.06	59.18	74.00	14.82	Peak
4	17967.80	36.34	11.06	47.40	54.00	6.60	Average

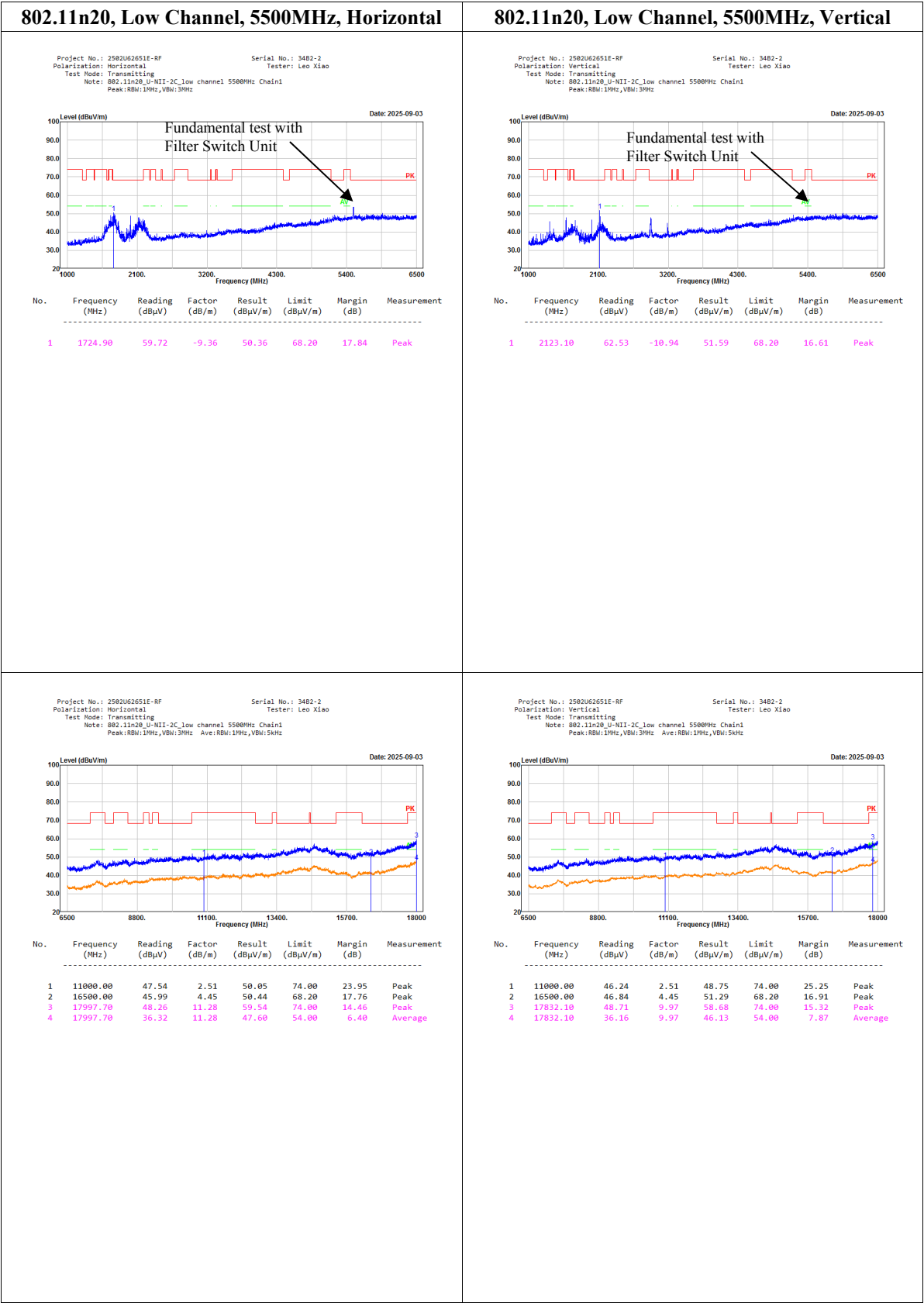
802.11n20, High Channel, 5700MHz, Horizontal



802.11n20, High Channel, 5700MHz, Vertical



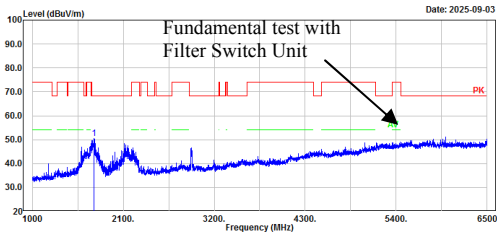
Chain 1



802.11n20, Middle Channel, 5580MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Leo Xiao

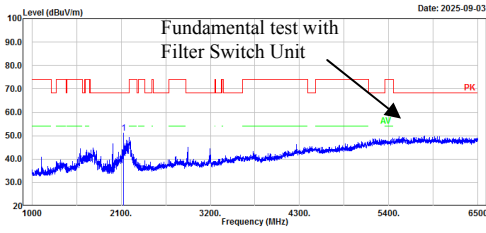


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1746.90	60.33	-9.96	50.37	68.20	17.83	Peak

802.11n20, Middle Channel, 5580MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

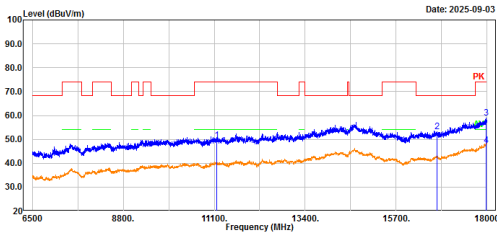
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2133.00	62.06	-10.90	51.16	68.20	17.04	Peak

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

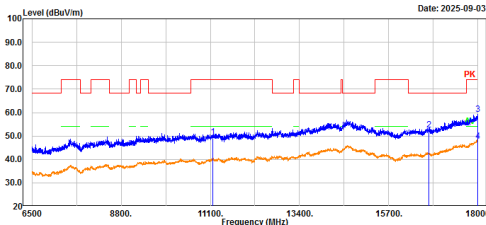
Serial No.: 3482-2
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11160.00	46.64	2.84	49.48	74.00	24.52	Peak
2	16740.00	48.07	5.18	53.25	68.20	14.95	Peak
3	17979.30	47.66	11.14	58.80	74.00	15.20	Peak
4	17979.30	36.30	11.14	47.44	54.00	6.56	Average

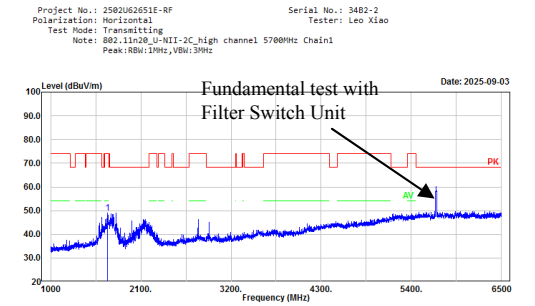
Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n20_U-NII-2C_middle channel 5580MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Leo Xiao



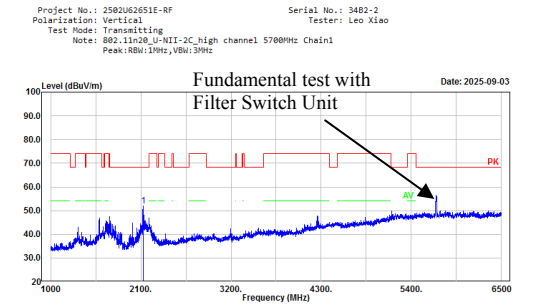
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11160.00	46.64	2.84	49.48	74.00	24.52	Peak
2	16740.00	47.57	5.18	52.75	68.20	15.45	Peak
3	17988.50	48.03	11.21	59.24	74.00	14.76	Peak
4	17988.50	36.42	11.21	47.63	54.00	6.37	Average

802.11n20, High Channel, 5700MHz, Horizontal

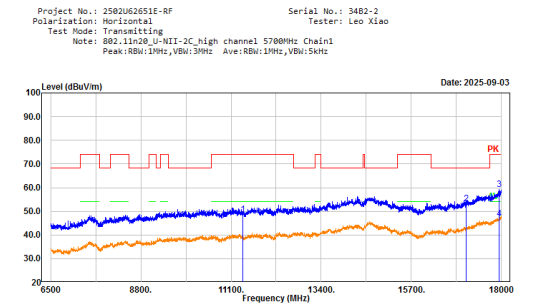


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1695.20	57.90	-8.78	49.12	74.00	24.88	Peak

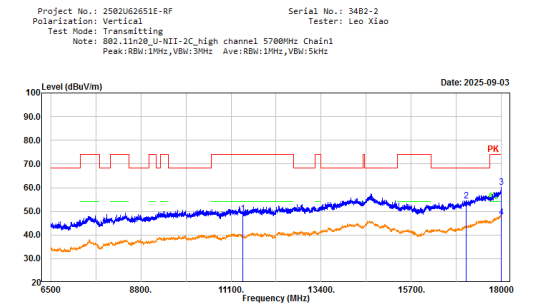
802.11n20, High Channel, 5700MHz, Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	2126.40	62.89	-10.93	51.96	68.20	16.24	Peak

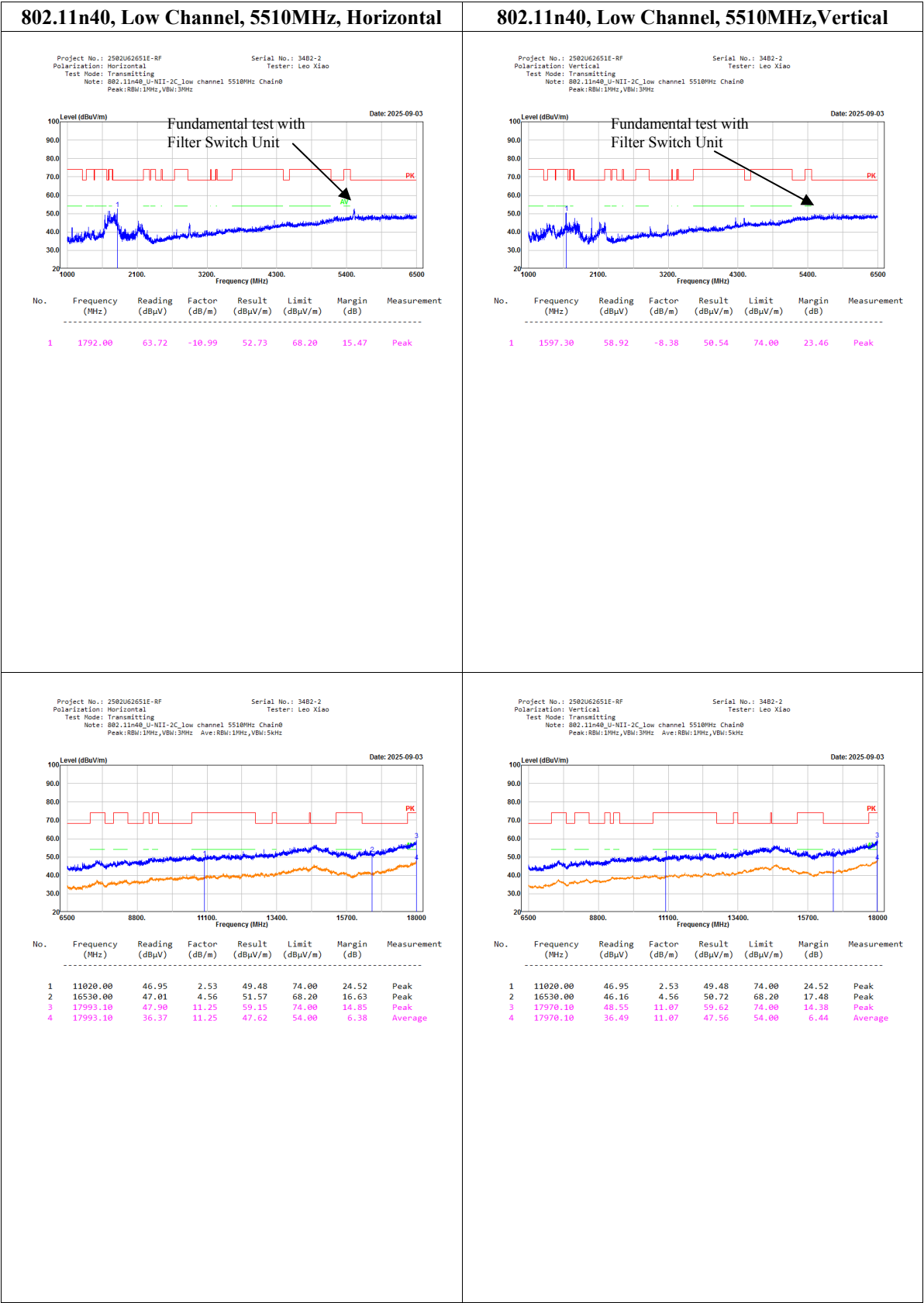


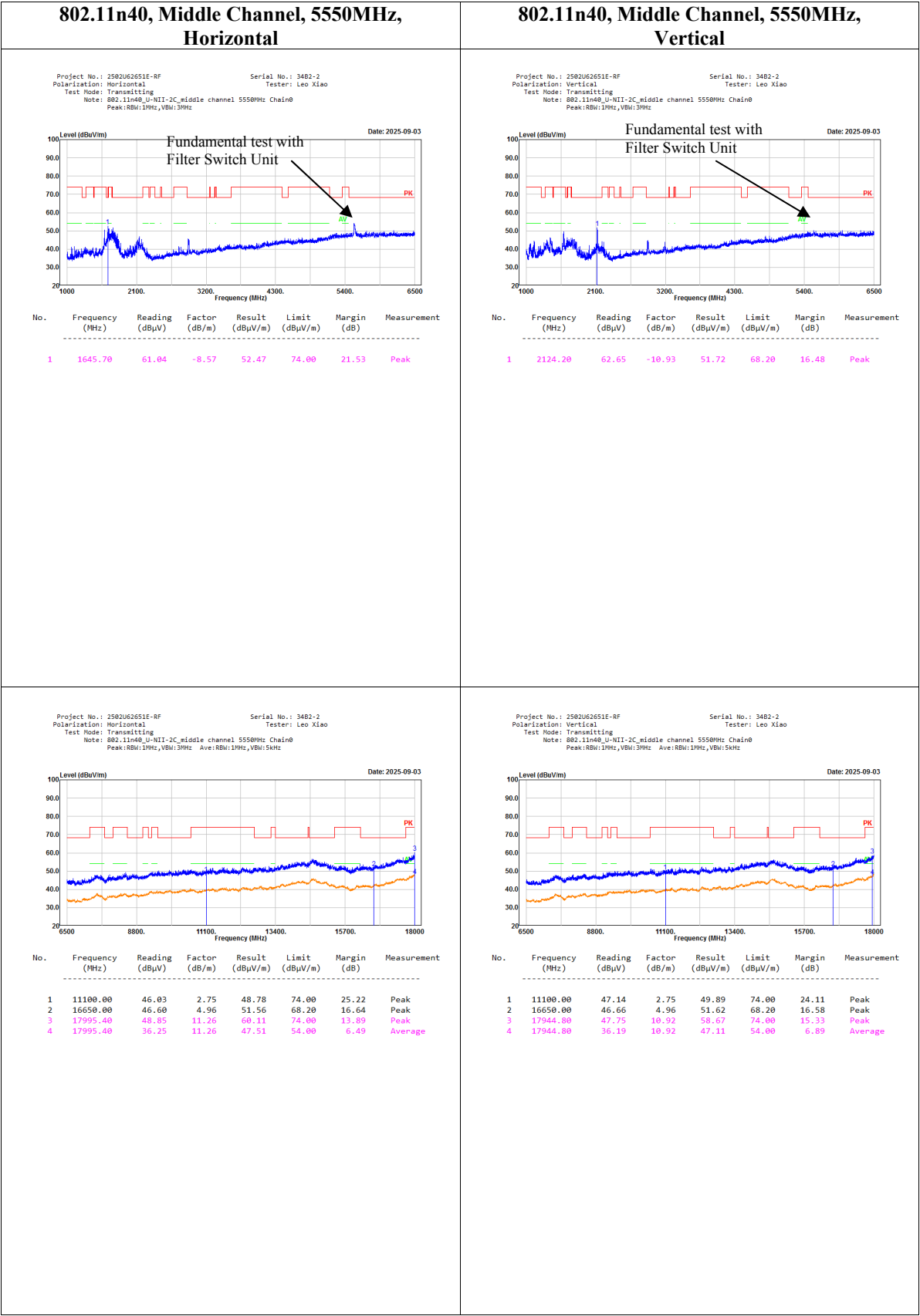
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11400.00	45.21	3.47	48.68	74.00	25.32	Peak
2	17100.00	46.88	6.43	53.31	68.20	14.89	Peak
3	17931.00	48.52	10.80	59.32	74.00	14.68	Peak
4	17931.00	36.20	10.80	47.00	54.00	7.00	Average



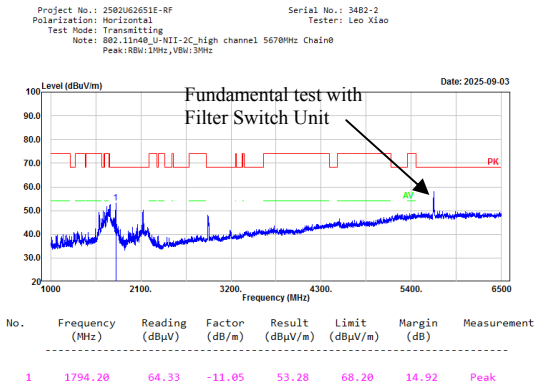
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11400.00	45.62	3.47	49.09	74.00	24.91	Peak
2	17100.00	48.06	6.43	54.49	68.20	13.71	Peak
3	17993.10	48.99	11.25	60.24	74.00	13.76	Peak
4	17993.10	36.27	11.25	47.52	54.00	6.48	Average

Chain 0

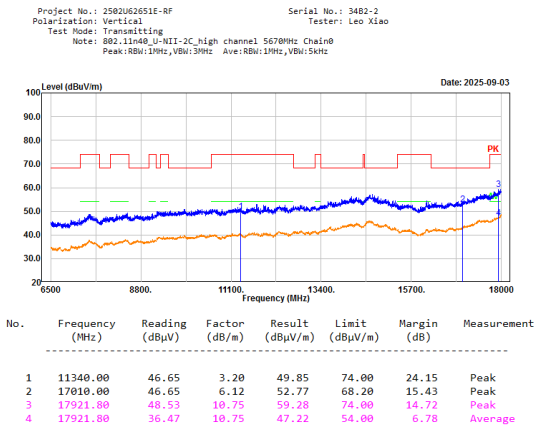
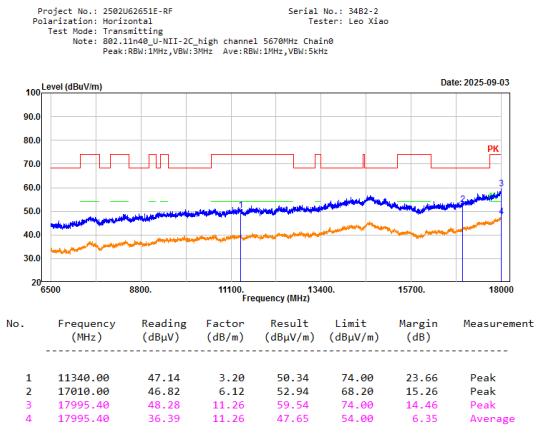
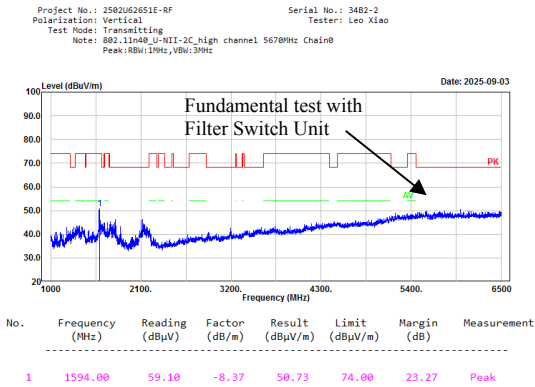




802.11n40, High Channel, 5670MHz, Horizontal



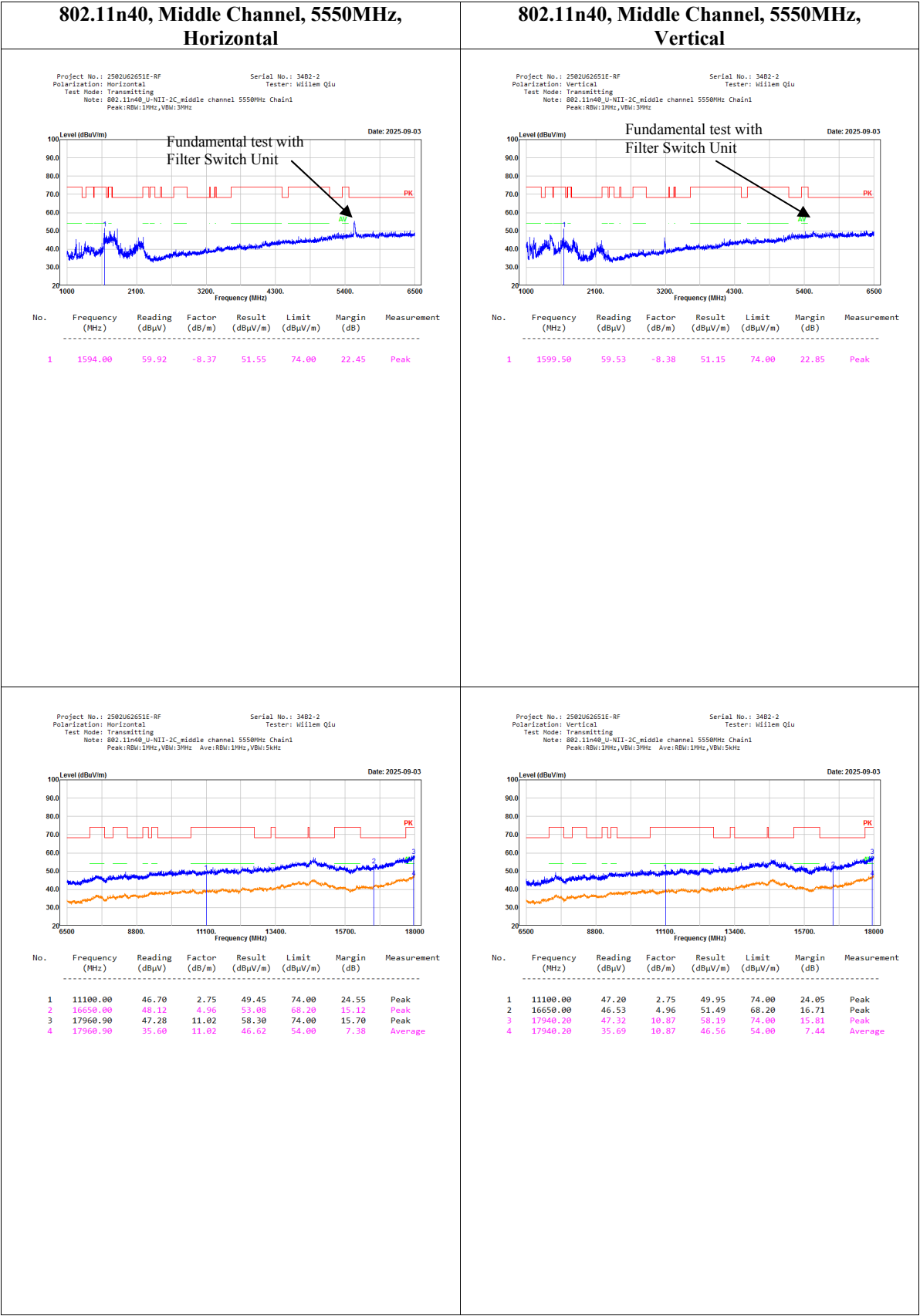
802.11n40, High Channel, 5670MHz, Vertical



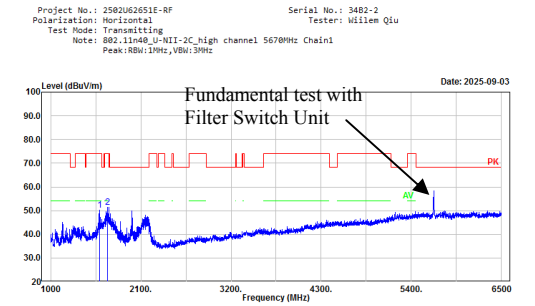
Chain 1

802.11n40, Low Channel, 5510MHz, Horizontal								802.11n40, Low Channel, 5510MHz, Vertical							
Project No.: 2502U62651E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n40_U-NII-2C_low channel 5510MHz Chain1 Peak: RBW:1MHz, VBW:3MHz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-03 Fundamental test with Filter Switch Unit								Project No.: 2502U62651E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n40_U-NII-2C_low channel 5510MHz Chain1 Peak: RBW:1MHz, VBW:3MHz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-03 Fundamental test with Filter Switch Unit							
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	1591.80	60.43	-8.37	52.06	74.00	21.94	Peak	1	1397.10	57.76	-8.13	49.63	74.00	24.37	Peak
2	1687.50	60.23	-8.74	51.49	74.00	22.51	Peak	2	1596.20	58.61	-8.38	50.23	74.00	23.77	Peak

Project No.: 2502U62651E-RF Polarization: Horizontal Test Mode: Transmitting Note: 802.11n40_U-NII-2C_low channel 5510MHz Chain1 Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-03								Project No.: 2502U62651E-RF Polarization: Vertical Test Mode: Transmitting Note: 802.11n40_U-NII-2C_low channel 5510MHz Chain1 Peak: RBW:1MHz, VBW:3MHz Ave: RBW:1MHz, VBW:5kHz Serial No.: 3482-2 Tester: Willem Qiu Date: 2025-09-03							
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	11020.00	46.66	2.53	49.19	74.00	24.81	Peak	1	11020.00	46.95	2.53	49.48	74.00	24.52	Peak
2	16530.00	45.95	4.56	50.51	68.20	17.69	Peak	2	16530.00	46.59	4.56	51.15	68.20	17.05	Peak
3	17990.80	47.56	11.23	58.79	74.00	15.21	Peak	3	17986.20	47.82	11.19	59.01	74.00	14.99	Peak
4	17990.80	35.45	11.23	46.68	54.00	7.32	Average	4	17986.20	35.47	11.19	46.66	54.00	7.34	Average

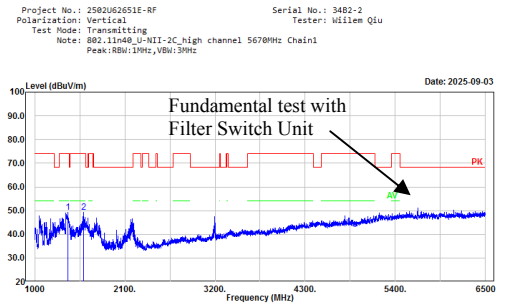


802.11n40, High Channel, 5670MHz, Horizontal

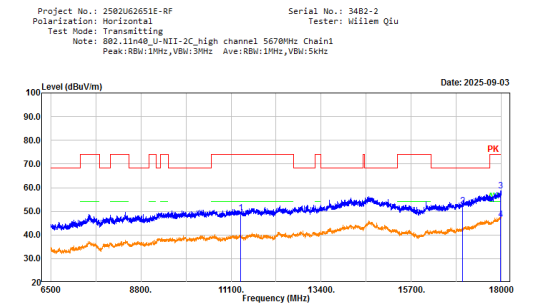


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1595.10	58.50	-8.37	50.13	74.00	23.87	Peak
2	1696.30	60.23	-8.79	51.44	74.00	22.56	Peak

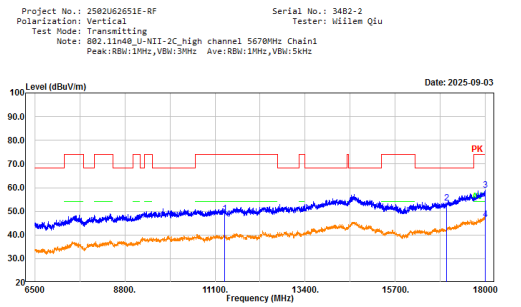
802.11n40, High Channel, 5670MHz, Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1402.60	57.29	-8.13	49.16	74.00	24.84	Peak
2	1597.30	57.54	-8.38	49.16	74.00	24.84	Peak



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11340.00	46.20	3.20	49.40	74.00	24.60	Peak
2	17010.00	46.24	6.12	52.36	68.20	15.84	Peak
3	17979.30	47.47	11.14	58.61	74.00	15.39	Peak
4	17979.30	35.55	11.14	46.69	54.00	7.31	Average



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11340.00	45.76	3.20	48.96	74.00	25.04	Peak
2	17010.00	47.48	6.12	53.60	68.20	14.60	Peak
3	17986.20	47.66	11.19	58.85	74.00	15.15	Peak
4	17986.20	35.35	11.19	46.54	54.00	7.46	Average

Chain 0

Project No.: 2502U62651E-RF

Polarization: Horizontal

Test Mode: Transmitting

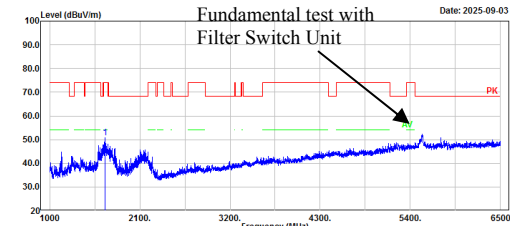
Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain0

Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2

Tester: Willem Qiu

Fundamental test with Filter Switch Unit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1673.20	59.51	-8.61	50.90	74.00	23.10	Peak

Project No.: 2502U62651E-RF

Polarization: Vertical

Test Mode: Transmitting

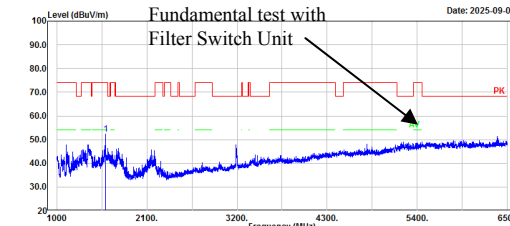
Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain0

Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2

Tester: Willem Qiu

Fundamental test with Filter Switch Unit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1598.40	60.66	-8.38	52.28	74.00	21.72	Peak

Project No.: 2502U62651E-RF

Polarization: Horizontal

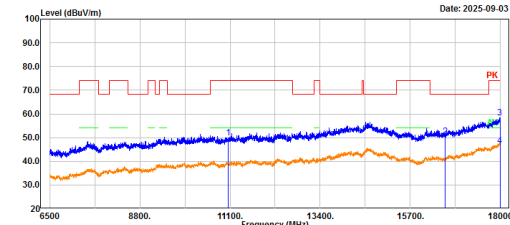
Test Mode: Transmitting

Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain0

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

Serial No.: 3482-2

Tester: Willem Qiu



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11060.00	47.21	2.62	49.83	74.00	24.17	Peak
2	16590.00	45.86	4.68	50.54	68.20	17.66	Peak
3	17983.90	47.15	11.18	58.33	74.00	15.67	Peak
4	17983.90	35.41	11.18	46.59	54.00	7.41	Average

Project No.: 2502U62651E-RF

Polarization: Vertical

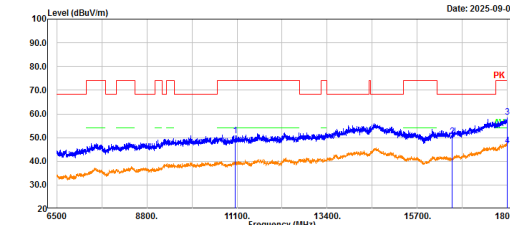
Test Mode: Transmitting

Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain0

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

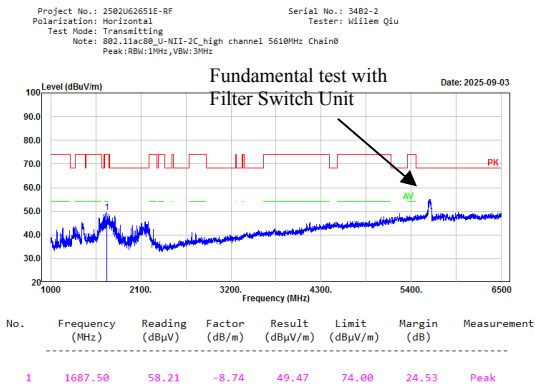
Serial No.: 3482-2

Tester: Willem Qiu

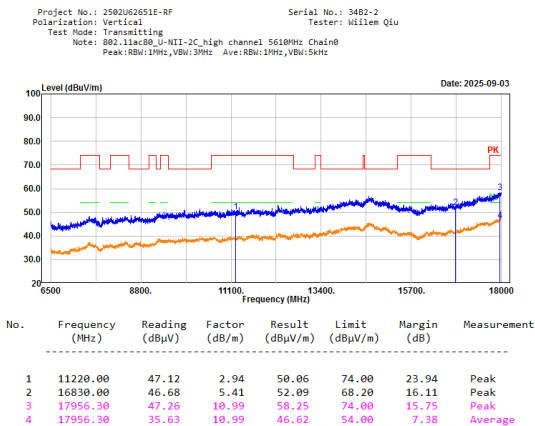
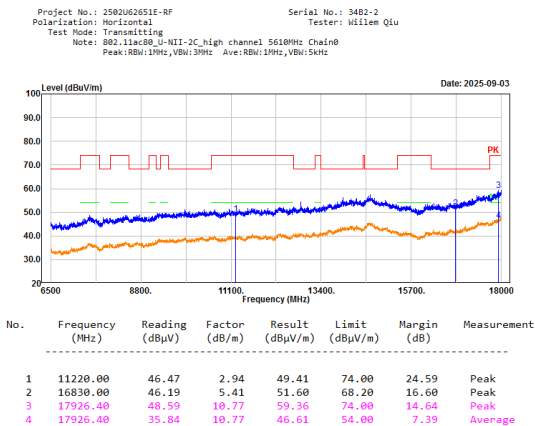
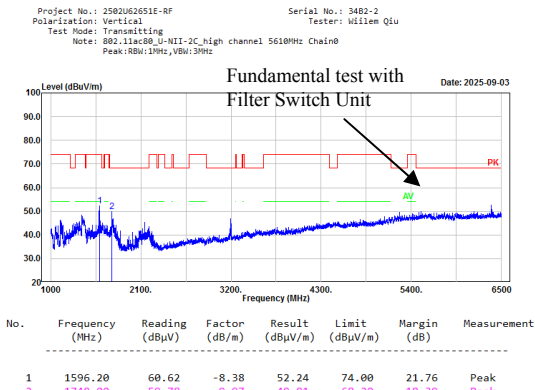


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11060.00	48.16	2.62	50.78	74.00	23.22	Peak
2	16590.00	45.73	4.68	50.41	68.20	17.79	Peak
3	17997.00	47.23	11.27	58.50	74.00	15.50	Peak
4	17997.00	35.39	11.27	46.66	54.00	7.34	Average

802.11ac80, High Channel, 5610MHz, Horizontal



802.11ac80, High Channel, 5610MHz, Vertical



Chain 1

802.11ac80, Low Channel, 5530MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Millem Qiu

Level (dBuV/m)
Fundamental test with Filter Switch Unit
Date: 2025-09-03

100021003200430054006500

2030405060708090100

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1599.50	61.04	-8.38	52.66	74.00	21.34	Peak
2	1698.50	60.00	-8.78	51.22	74.00	22.78	Peak

802.11ac80, Low Channel, 5530MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain1
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3482-2
Tester: Millem Qiu

Level (dBuV/m)
Fundamental test with Filter Switch Unit
Date: 2025-09-03

100021003200430054006500

2030405060708090100

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	1595.10	58.89	-8.37	50.52	74.00	23.48	Peak

802.11ac80, Low Channel, 5530MHz, Horizontal

Project No.: 2502U62651E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Millem Qiu

Level (dBuV/m)
Date: 2025-09-03

6500880011100134001570018000

2030405060708090100

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11060.00	46.30	2.62	48.92	74.00	25.08	Peak
2	16590.00	46.82	4.68	51.50	68.20	16.70	Peak
3	17885.00	48.09	10.45	58.54	74.00	15.46	Peak
4	17885.00	36.23	10.45	46.68	54.00	7.32	Average

802.11ac80, Low Channel, 5530MHz, Vertical

Project No.: 2502U62651E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2C_low channel 5530MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 3482-2
Tester: Millem Qiu

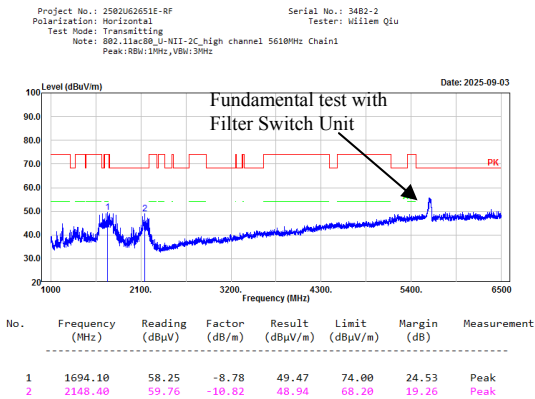
Level (dBuV/m)
Date: 2025-09-03

6500880011100134001570018000

2030405060708090100

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	11060.00	47.49	2.62	50.11	74.00	23.89	Peak
2	16590.00	46.35	4.68	51.03	68.20	17.17	Peak
3	17963.20	47.90	11.03	58.93	74.00	15.07	Peak
4	17963.20	35.58	11.03	46.61	54.00	7.39	Average

802.11ac80, High Channel, 5610MHz, Horizontal



802.11ac80, High Channel, 5610MHz, Vertical

