TEST REPORT

Applicant Name:	YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.
Address:	No.666 Hu'an Rd. Huli District Xiamen City, Fujian, P.R. China
Report Number:	2401T33438E-RF-00A
FCC ID:	T2C-IWB75PRO

Test Standard (s)

FCC PART 15.407

Sample Description

Product Type:	Collaboration Board
Model No.:	MeetingBoard 75 Pro
Multiple Model(s) No.:	N/A
Trade Mark:	Yealink
Date Received:	2024-05-11
Issue Date:	2025-04-17

Test Result:	Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

GaLa Liu

RF Engineer

Approved By:

Nancy Wang

RF Supervisor

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. Customer model name, addresses, names, trademarks etc. are included.

This report may contain data that are not covered by the NVLAP accreditation and are marked with an asterisk "▼".

TABLE OF CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2401T33438E-RF-00A	Original Report	2025-04-17

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Frequency Range	For module YL43752: 5150-5250 MHz, 5250-5350MHz, 5470-5725MHz 5725-5850MHz For module YL7981: 5150-5250 MHz, 5725-5850MHz
Mode	802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80
Device Type	Module YL43752: Client Device Module YL7981: Indoor AP
Maximum Conducted Average Output Power	For module YL43752: 5150-5250MHz: 10.87dBm; 5250-5350MHz: 11.23dBm 5470-5725MHz: 10.90dBm; 5725-5850MHz: 11.60dBm For module YL7981: 5150-5250MHz: 12.24dBm; 5725-5850MHz: 12.72dBm
Modulation Technique	OFDM, OFDMA
Antenna Specification#	For module YL43752: ANT1: 4.61dBi, ANT2: 5.57dBi For module YL7981: ANT1: 4.61dBi, ANT2: 5.57dBi (provided by the applicant)
Voltage Range	AC 100-240V, 50/60Hz
Sample serial number	2L54-2 for Conducted and Radiated Emissions Test 2L54-1 for RF Conducted Test (Assigned by BACL, Shenzhen
Sample/EUT Status	Good condition
Adapter Information	N/A

Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commissions rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

And KDB789033 D02 General U-NII Test Procedures New Rules v02r01.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Each test item follows test standards and with no deviation.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		109.2kHz(k=2, 95% level of confidence)
RF Frequency		56.6Hz(k=2, 95% level of confidence)
RF output power, conducted		0.86dB(k=2, 95% level of confidence)
Unwanted Emission, conducted		1.60dB(k=2, 95% level of confidence)
Power Spectral Density		0.90dB(k=2, 95% level of confidence)
AC Power Lines Conducted Emissions	9kHz-150kHz	3.63dB(k=2, 95% level of confidence)
	150kHz-30MHz	3.66dB(k=2, 95% level of confidence)
Radiated Emissions	9kHz - 30MHz	3.60dB(k=2, 95% level of confidence)
	30MHz~200MHz (Horizontal)	5.32dB(k=2, 95% level of confidence)
	30MHz~200MHz (Vertical)	5.43dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Horizontal)	5.77dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Vertical)	5.73dB(k=2, 95% level of confidence)
	1GHz - 6GHz	5.34dB(k=2, 95% level of confidence)
	6GHz - 18GHz	5.40dB(k=2, 95% level of confidence)
	18GHz - 40GHz	5.64dB(k=2, 95% level of confidence)
Temperature		±1℃
Humidity		±1%
Supply voltages		±0.4%

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

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, 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. : 715558, the FCC Designation No. : CN5045.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in an engineering mode, which was provided by manufacturer.

For 5150-5250MHz Band, 7 channels are provided to testing:

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

For 802.11a/ac20/ax20 mode: channel 36, 40, 48 were tested;
For 802.11ac40/ax40 mode: channel 38, 46 were tested;
For 802.11ac80/ax80 mode, channel 42 was tested.

For 5250-5350MHz Band, 7 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320
58	5290	/	/

For 802.11a/ac20/ax20 mode: channel 52, 56, 64 were tested;
For 802.11n40/ac40/ax40 mode: channel 54, 62 were tested;
For 802.11ac80/ax80 mode, channel 58 was tested.

For 5470-5725MHz Band, 21 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
102	5510	126	5630
104	5520	128	5640
106	5530	132	5660
108	5540	134	5670
110	5550	136	5680
112	5560	138	5690
116	5580	140	5700
118	5590	142	5710
120	5600	144	5720
122	5610	/	/

For 802.11a/ac20/ax20 mode: channel 100, 116, 140, 144 were tested;
For 802.11n40/ac40/ax40 mode: channel 102, 110, 134, 142 were tested;
For 802.11ac80/ax80 mode, channel 106, 122, 138 was tested.

For 5725-5850MHz Band, 8 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785
151	5755	159	5795
153	5765	161	5805
155	5775	165	5825

For 802.11a/ac20/ax20 mode: channel 149, 157, 165 were tested;
For 802.11ac40/ax40 mode: channel 151, 159 were tested;
For 802.11ac80/ax80 mode, channel 155 was tested.

EUT Exercise Software

For module YL43752:				
Exercise Software#	AuthenticationTool.exe			
5150-5250 MHz Band				
Mode	**Test Channels**	**Data rate**	**Power Level#**	
			ANT 1	**ANT 2**
802.11a	Low	6Mbps	13	13
	Middle	6Mbps	13	13
	High	6Mbps	13	13
802.11ac-VHT20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
802.11ac-VHT40	Low	MCS0	13	13
	High	MCS0	13	13
802.11ac-VHT80	Middle	MCS0	13	13
802.11ax-HE20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
802.11ax-HE40	Low	MCS0	13	13
	High	MCS0	13	13
802.11ax-HE80	Middle	MCS0	13	13

5250-5350 MHz Band				
Mode	**Test Channels**	**Data rate**	**Power Level#**	
			ANT 1	**ANT 2**
802.11a	Low	6Mbps	13	13
	Middle	6Mbps	13	13
	High	6Mbps	13	13
802.11ac-VHT20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
802.11ac-VHT40	Low	MCS0	13	13
	High	MCS0	13	13
802.11ac-VHT80	Middle	MCS0	13	13
802.11ax-HE20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
802.11ax-HE40	Low	MCS0	13	13
	High	MCS0	13	13
802.11ax-HE80	Middle	MCS0	13	13

5470-5725 MHz Band				
Mode	Test Channels	Data rate	Power Level#	
			ANT 1	ANT 2
802.11a	Low	6Mbps	13	13
	Middle	6Mbps	13	13
	High	6Mbps	13	13
	Cross	6Mbps	13	13
802.11ac-VHT20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
	Cross	MCS0	13	13
802.11ac-VHT40	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
	Cross	MCS0	13	13
802.11ac-VHT80	Low	MCS0	13	13
	High	MCS0	13	13
	Cross	MCS0	13	13
802.11ax-HE20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
	Cross	MCS0	13	13
802.11ax-HE40	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
	Cross	MCS0	13	13
802.11ax-HE80	Low	MCS0	13	13
	High	MCS0	13	13
	Cross	MCS0	13	13

5725-5850 MHz Band				
Mode	**Test Channels**	**Data rate**	**Power Level#**	
			ANT 1	**ANT 2**
802.11a	Low	6Mbps	13	13
	Middle	6Mbps	13	13
	High	6Mbps	13	13
802.11ac-VHT20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
802.11ac-VHT40	Low	MCS0	13	13
	High	MCS0	13	13
802.11ac-VHT80	Middle	MCS0	13	13
802.11ax-HE20	Low	MCS0	13	13
	Middle	MCS0	13	13
	High	MCS0	13	13
802.11ax-HE40	Low	MCS0	13	13
	High	MCS0	13	13
802.11ax-HE80	Middle	MCS0	13	13
For module YL7981:				
Exercise Software#	AuthenticationTool.exe			
5150-5250 MHz Band				
Mode	**Test Channels**	**Data rate**	**Power Level#**	
			ANT 1	**ANT 2**
802.11a	Low	6Mbps	12	12
	Middle	6Mbps	12	12
	High	6Mbps	12	12
802.11ac-VHT20	Low	MCS0	12	12
	Middle	MCS0	12	12
	High	MCS0	12	12
802.11ac-VHT40	Low	MCS0	12	12
	High	MCS0	12	12
802.11ac-VHT80	Middle	MCS0	12	12
802.11ax-HE20	Low	MCS0	12	12
	Middle	MCS0	12	12
	High	MCS0	12	12
802.11ax-HE40	Low	MCS0	12	12
	High	MCS0	12	12
802.11ax-HE80	Middle	MCS0	12	12

5725-5850 MHz Band				
Mode	Test Channels	Data rate	Power Level#	
			ANT 1	ANT 2
802.11a	Low	6Mbps	12	12
	Middle	6Mbps	12	12
	High	6Mbps	12	12
802.11ac-VHT20	Low	MCS0	12	12
	Middle	MCS0	12	12
	High	MCS0	12	12
802.11ac-VHT40	Low	MCS0	12	12
	High	MCS0	12	12
802.11ac-VHT80	Middle	MCS0	12	12
802.11ax-HE20	Low	MCS0	12	12
	Middle	MCS0	12	12
	High	MCS0	12	12
802.11ax-HE40	Low	MCS0	12	12
	High	MCS0	12	12
802.11ax-HE80	Middle	MCS0	12	12

Note:
1. The worst-case data rates are determined to be as follows for each mode based upon inverstigation by measuring the power and PSD across all data rates bandwidths, and modulations.
2. For 802.11a/ n/ac/ax modes, the device supports SISO only.
3. The n20/n40 mode was reduced test as identical parameter with ac20/ac40 mode.
4. For 802.11 ax modes, the device not support partial RU mode.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

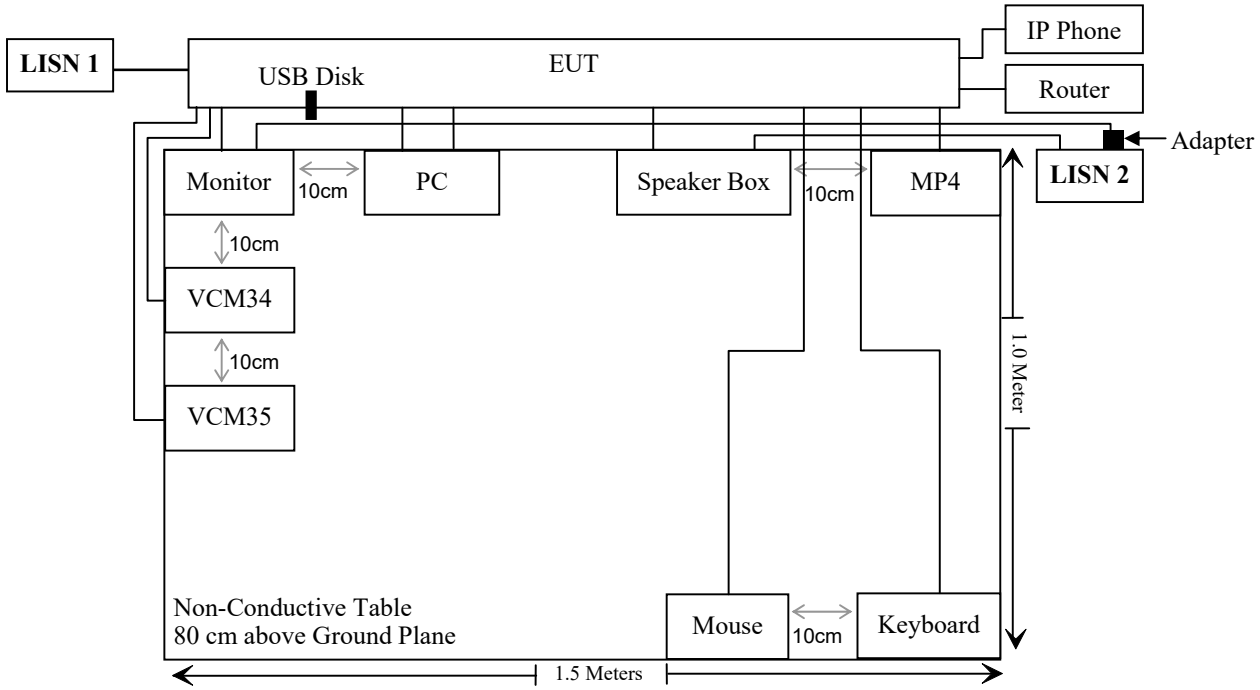
Manufacturer	Description	Model	Serial Number
Grand stream	Router	GWN7665	C074AD251F0A
Grandstream	IP Phone	GXV3480	T11223323B898
Redmi	Monitor	A22FAB-RA	47366/206100029128
Redmi	Adapter	AD-0241200200CN-1	Unknown
DELL	PC	DESKTOP-1630AQ3	B0CB5M2
Yealink	Microphone	VCM34	Unknown
Yealink	Microphone	VCM35	Unknown
Unknown	Speaker box	SE-200	Unknown
Logicom	MP4	C100	Unknown
DELL	Keyboard	SK-8115	CN-0DJ313-71616-0CE-0ATX
DELL	Mouse	MS116P	CN-0JM49V-PRC00-8CT-0089
Kingston	USB Disk	Unknown	DTSE9G3

External I/O Cable

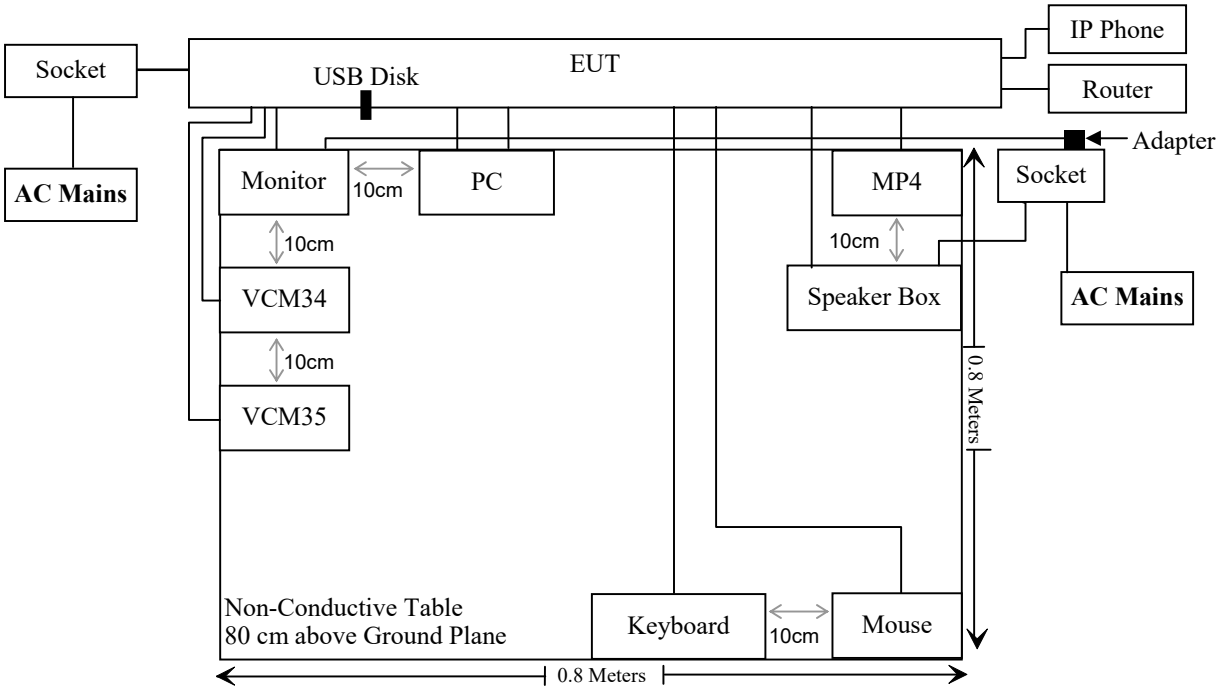
Cable Description	Length (m)	From Port	To
Unshielded Un-Detachable AC Cable	1.2	Socket	AC Mains
Unshielded Detachable AC Cable	1.8	EUT	LISN 1/Socket
Unshielded Detachable AC Cable	1.0	Speaker box	LISN 2/Socket
Unshielded Detachable RCA Cable	1.8	EUT	Speaker box
Unshielded Detachable RCA Cable	1.8	EUT	MP4
Shielded Un-detachable USB Cable	1.5	EUT	Keyboard
Shielded Un-detachable USB Cable	1.5	EUT	Mouse
Unshielded Detachable RJ45 Cable	8.0	EUT	Router
Unshielded Detachable RJ45 Cable	8.0	EUT	IP Phone
Shielded Detachable HDMI Cable	1.6	EUT	Monitor
Unshielded Un-detachable DC Cable	1.6	Adapter	Monitor
Shielded Detachable HDMI Cable	1.6	EUT	PC
Shielded Detachable USB Cable	1.6	EUT	PC
Unshielded Detachable RJ45 Cable	1.8	EUT	VCM34
Unshielded Detachable RJ45 Cable	1.8	EUT	VCM35

Block Diagram of Test Setup

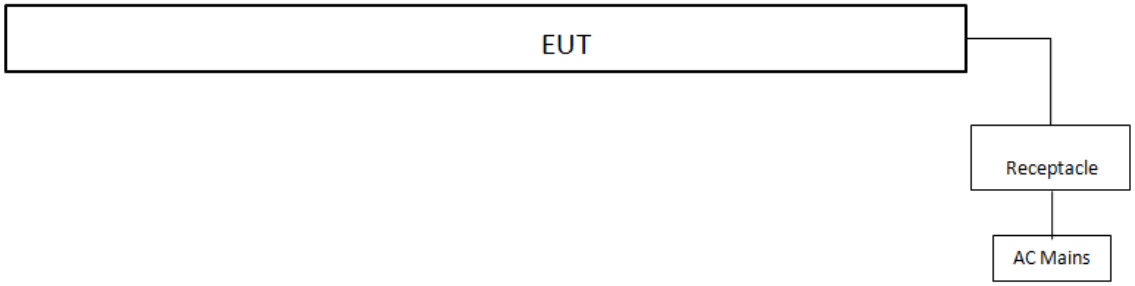
For Conducted Emissions:



For Radiated Emissions below 1GHz:



For Radiated Emissions above 1GHz:



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
FCC §15.203	Antenna Requirement	Compliant
FCC §15.207(a)	AC Line Conducted Emissions	Compliant
§15.205& §15.209 &§15.407(b)	Undesirable Emission& Restricted Bands	Compliant
§15.407(a) (e)	26 dB Emission Bandwidth & 6dB Bandwidth	Compliant
FCC§15.407 (a)	Maximum Conducted Output Power	Compliant
FCC§15.407 (a)	Power Spectral Density	Compliant
C63.10 §11.6	Duty Cycle	Compliant
§15.407 (h)	Transmit Power Control (TPC)	Not Applicable
§15.407 (h)	Dynamic Frequency Selection (DFS)	Compliant*
§1.1307(b) (3), §2.1091	MPE-Based Exemption	Compliant

Compliant*: Please refer to the DFS report 2401T33438E-RFD.
Not Applicable: For 5250-5350MHz/5470-5725MHz, the maximum EIRP is 17.81dBm<27dBm (500mW).

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2024/12/04	2025/12/03
Rohde & Schwarz	LISN	ENV216	101613	2024/12/04	2025/12/03
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2024/05/21	2025/05/20
Unknown	CE Cable	Unknown	UF A210B-1-0720-504504	2024/05/21	2025/05/20
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
Radiated Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2024/12/04	2025/12/03
Sonoma instrument	Pre-amplifier	310N	186238	2024/05/21	2025/05/20
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Cable	XH500C	J-10M-A	2024/06/18	2025/06/17
BACL	Active Loop Antenna	1313-1A	4031911	2024/05/14	2027/05/13
Unknown	Cable	2Y194	0735	2024/12/04	2025/12/03
Unknown	Cable	PNG214	1354	2024/12/04	2025/12/03
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
Rohde&Schwarz	Spectrum Analyzer	FSV40	101605	2024/03/27	2025/03/26
A.H.System	Preamplifier	PAM-0118P	489	2024/11/15	2025/11/14
Schwarzbeck	Horn Antenna	BBHA9120D(1201)	1143	2023/07/26	2026/07/25
Unknown	RF Cable	KMSE	0735	2024/12/06	2025/12/05
Unknown	RF Cable	UFA147	219661	2024/12/06	2025/12/05
Unknown	RF Cable	XH750A-N	J-10M	2024/12/06	2025/12/05
JD	Filter Switch Unit	DT7220FSU	DS79906	2024/09/09	2025/09/08
JD	Multiplex Switch Test Control Set	DT7220SCU	DS79903	2024/09/09	2025/09/08
A.H.System	Pre-amplifier	PAM-1840VH	190	2024/06/18	2025/06/17
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
UTIFLEX	RF Cable	NO. 13	232308-001	2024/12/18	2025/12/17
Audix	EMI Test software	E3	191218(V9)	NCR	NCR

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101473	2024/12/04	2025/12/03
Unknown	10dB Attenuator	Unknown	F-03-EM190	2024/06/27	2025/06/26
Rohde & Schwarz	Spectrum Analyzer	FSU26	200120	2024/12/04	2025/12/03
ANRITSU	Microwave peak power sensor	MA24418A	12622	2024/05/21	2025/05/20

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

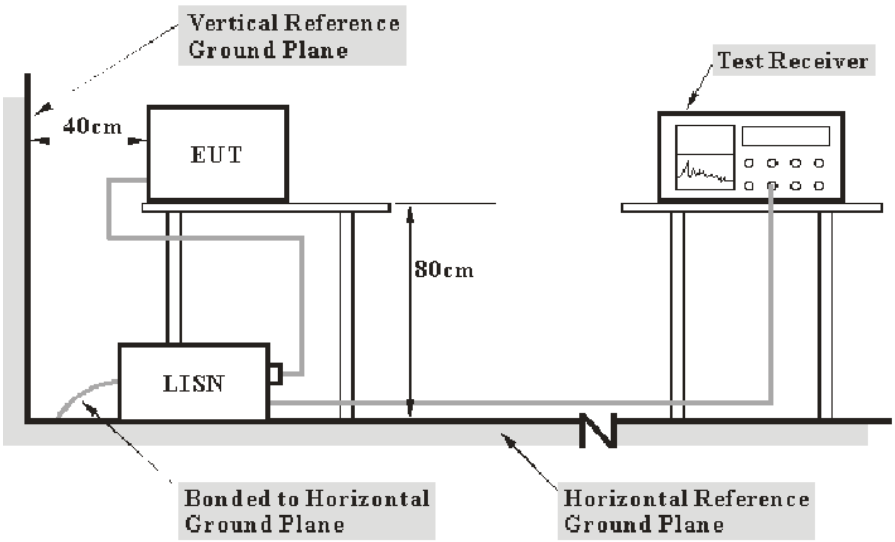
REQUIREMENTS AND TEST PROCEDURES

Conducted Emissions

Applicable Standard

FCC §15.207

EUT Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

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.

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

Test Procedure

During the conducted emission test, the adapter was connected to the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and Average detection mode.

Factor & Over Limit Calculation

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

Factor = LISN VDF + Cable Loss

The "**Over limit**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over limit of -7 dB means the emission is 7 dB below the limit. The equation for calculation is as follows:

Over Limit = Level – Limit
Level = Read Level + Factor

Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

Undesirable Emission

Applicable Standard

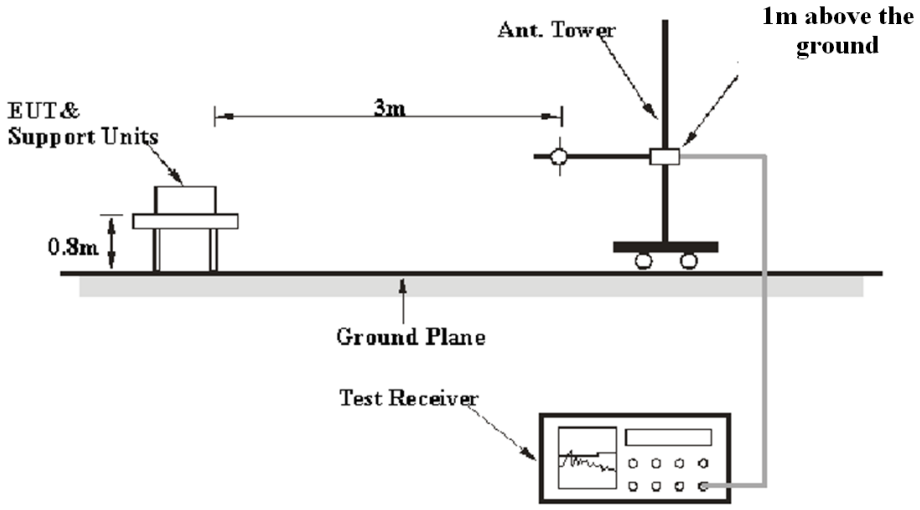
FCC §15.407 (b); §15.209; §15.205;

(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 in the 5.725-5.85 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.

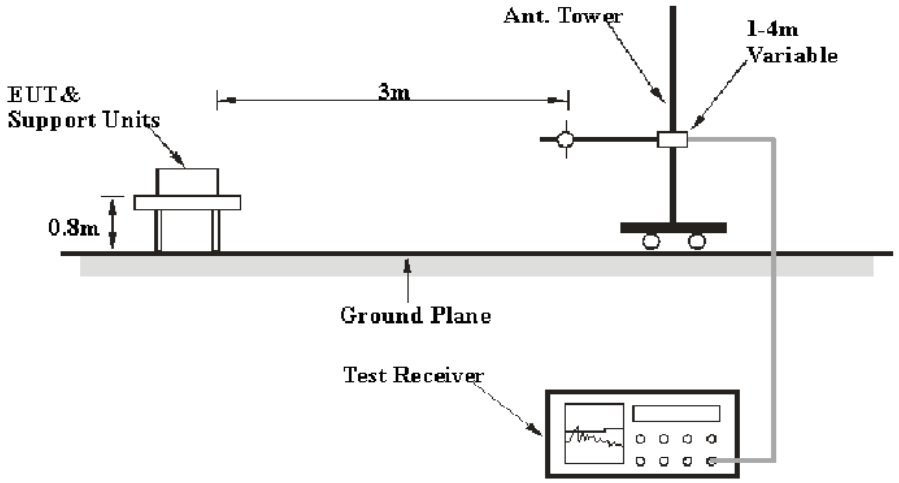
Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

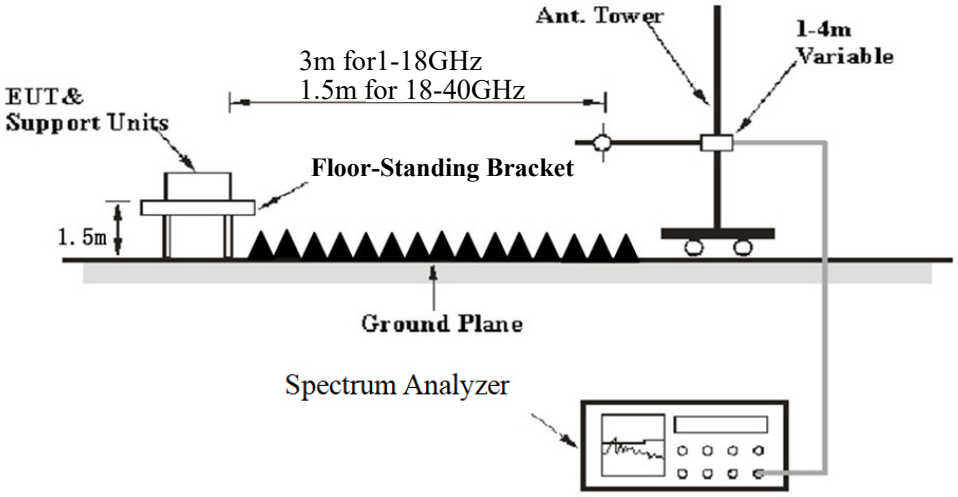
9 kHz-30MHz:



30MHz-1GHz:



Above 1 GHz:



The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC 15.209 and 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.

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:

9 kHz-1GHz:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
9 kHz – 150 kHz	/	/	200 Hz	QP
	300 Hz	1 kHz	/	PK
150 kHz – 30 MHz	/	/	9 kHz	QP
	10 kHz	30 kHz	/	PK
30 MHz – 1000 MHz	/	/	120 kHz	QP
	100 kHz	300 kHz	/	PK

1-40GHz:

Pre-scan

Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
AV	>98%	1MHz	1 kHz
	<98%	1MHz	≥1/Ton

Final measurement for emission identified during pre-scan

Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
AV	>98%	1MHz	10 Hz
	<98%	1MHz	≥1/Ton

Note: Ton is minimum transmission duration

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

Test Procedure

Radiated Spurious Emission

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

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

All final data was recorded in Quasi-peak detection mode except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, average detection modes for frequency bands 9–90 kHz and 110–490 kHz, peak and average detection modes for frequencies above 1 GHz.

For 9 kHz-30MHz, the report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground-parallel) unless the margin is greater than 20 dB.

According to ANSI C63.10-2020,9.2.1: For field strength measurements made at other than the distance specified by the limit, extrapolate the measured field strength to the field strength at the distance specified by the limit using an inverse distance correction factor (20 dB/decade of distance)

$$E_{\mathrm{SpecLimit}} = E_{\mathrm{Meas}} + 20\log\left(\frac{d_{\mathrm{Meas}}}{d_{\mathrm{SpecLimit}}}\right)$$

where

$E_{\mathrm{SpecLimit}}$	is the field strength of the emission at the distance specified by the limit, in dBµV/m
E_{Meas}	is the field strength of the emission at the measurement distance, in dBµV/m
d_{Meas}	is the measurement distance, in m
$d_{\mathrm{SpecLimit}}$	is the distance specified by the limit, in m

So the extrapolation factor of 1m is 20*log(1.5/3)= -6.0 dB, for 18-40GHz range, the limit of 1.5m distance was added by 6.0dB from limit of 3m to compared with the result measurement at 1.5m distance.

Factor & Over Limit/Margin Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

Factor = Antenna Factor + Cable Loss - Amplifier Gain

The "**Over Limit/Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

Over Limit = Level – Limit; Margin = Limit–Corrected Amplitude
Level / Corrected Amplitude = Read Level + Factor

26 dB & 6dB Emission Bandwidth

Applicable Standard

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

According to ANSI C63.10-2020 Section 12.5.1 & 12.5.2 & 12.5.3

12.5.1 Emission bandwidth for the band 5.725 GHz to 5.85 GHz

The following procedure shall be used for measuring this bandwidth:

a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max-hold.
e) Sweep = No faster than coupled (auto) time.
f) Allow the trace to stabilize.
g) 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.

12.5.2 Emission bandwidth for all other bands

The procedure for this method is as follows:

a) Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = peak.
d) Trace mode = max-hold.
e) 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%.

12.5.3 Occupied bandwidth

See 6.9.3 for the measurement procedure for OBW.

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 at least 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.

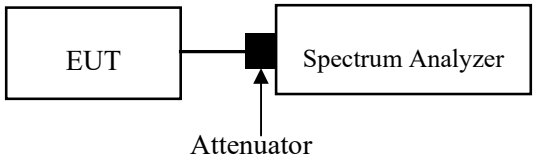
d) Step a) through step c) might require iteration to adjust within the specified range.

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 spectral 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).



Conducted Transmitter Output Power

Applicable Standard

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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.

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.

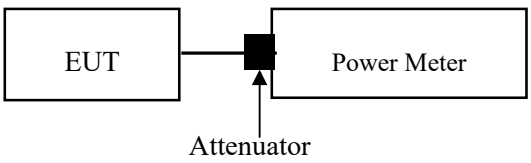
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 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.

For the band 5.725-5.85 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.

Test Procedure

According to ANSI C63.10-2020 Section 12.4.3.2 Method PM-G

a. Place the EUT on a bench and set it in transmitting mode.
b. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.



Note: A short RF cable with low cable loss connected to the EUT antenna port, which was provided by client or lab, the cable loss was add with offset into test equipment, the total offset consists of attenuator and/or RF cable and/or power splitter loss

Power Spectral Density

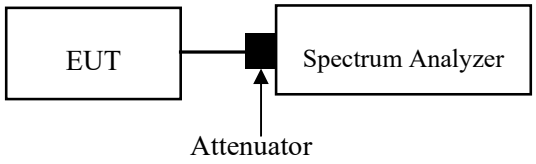
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting 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.

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 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.

For the band 5.725-5.85 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.

Test Procedure

According to ANSI C63.10-2020 Clause 12.6 Method SA-2 should be applied



Note: A short RF cable with low cable loss connected to the EUT antenna port, which was provided by client or lab, the cable loss was add with offset into test equipment, the total offset consists of attenuator and/or RF cable and/or power splitter loss

Duty Cycle

Test Procedure

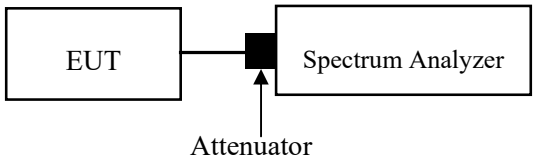
According to ANSI C63.10-2020 Section 12.2

Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

a) A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.

b) 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 ≥ OBW if possible; otherwise, set RBW to the largest available value.
3) Set VBW ≥ 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 ≤ 16.7 μs.)



ANTENNA REQUIREMENT

Applicable Standard

According to 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.

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.

Antenna Connector Construction

The EUT has two external antennas with unique antenna connector and two internal antennas which were permanently attached, fulfill the requirement of this section. Please refer to the EUT photos.

ANT	Type	Antenna Gain[#]	Impedance	Frequency Range
For module YL43752				
ANT1	External	4.61dBi	50Ω	5150-5850MHz
ANT2	External	5.57dBi	50Ω	5150-5850MHz
For module YL7981				
ANT1	FPC	4.61dBi	50Ω	5150-5850MHz
ANT2	FPC	5.57dBi	50Ω	5150-5850MHz

Result: Compliant

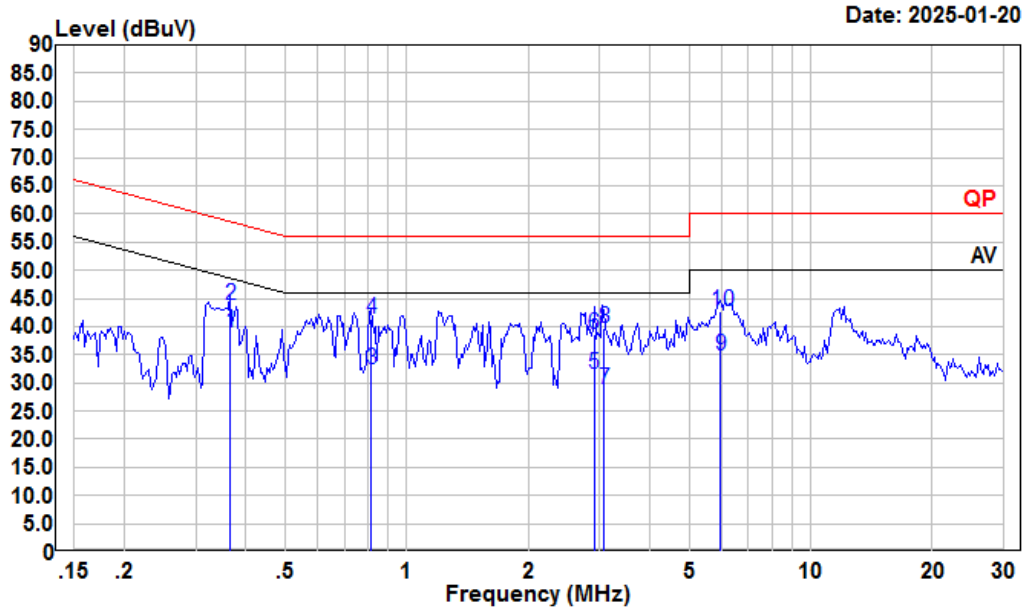
TEST DATA AND RESULTS

Conducted Emissions

Temperature (℃)	22~26	**Relative Humidity (%)**	47~52
ATM Pressure (kPa)	101~103	**Test engineer**	Macy Shi
Test date	2025/01/20		
EUT operation mode	Transmitting		

For module YL43752 (Maximum output power mode, ANT2 802.11ax20 5745MHz)

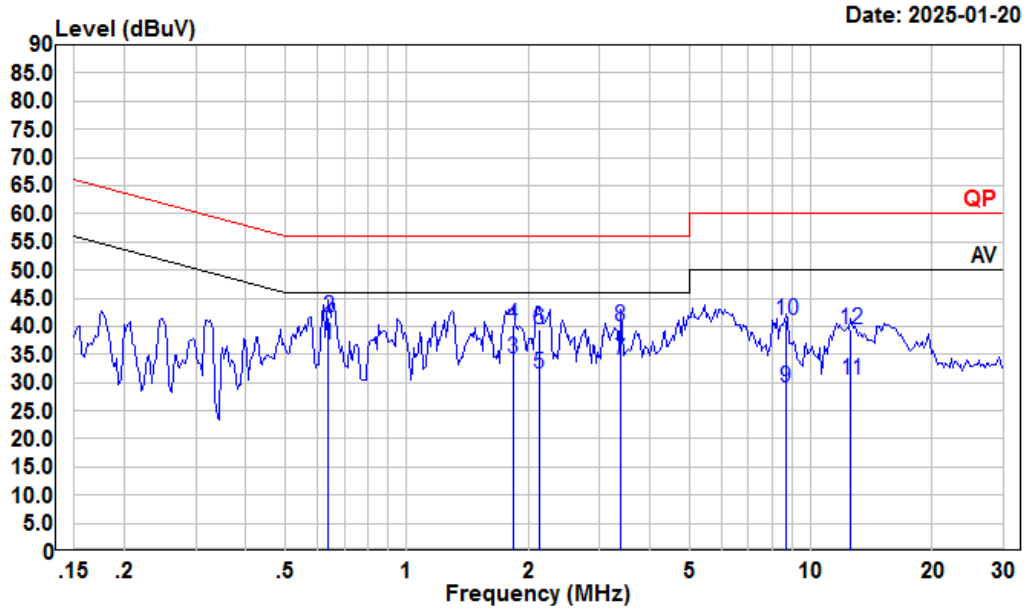
AC 120V 60 Hz, Line



Condition: Line
Project : 2401T33438E-RF
tester : Macy.shi Note:Transmitting
Setting : RBW:9kHz VBW:Auto SWT:Auto

	Freq	Read Level	LISN Level	Cable Factor	Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.365	18.39	38.79	10.29	10.11	48.61	-9.82	Average
2	0.365	23.39	43.79	10.29	10.11	58.61	-14.82	QP
3	0.817	11.59	32.37	10.66	10.12	46.00	-13.63	Average
4	0.817	20.59	41.37	10.66	10.12	56.00	-14.63	QP
5	2.915	11.29	31.61	10.14	10.18	46.00	-14.39	Average
6	2.915	18.29	38.61	10.14	10.18	56.00	-17.39	QP
7	3.074	8.54	28.83	10.11	10.18	46.00	-17.17	Average
8	3.074	19.54	39.83	10.11	10.18	56.00	-16.17	QP
9	5.993	14.12	34.73	10.43	10.18	50.00	-15.27	Average
10	5.993	22.12	42.73	10.43	10.18	60.00	-17.27	QP

AC 120V 60 Hz, Neutral

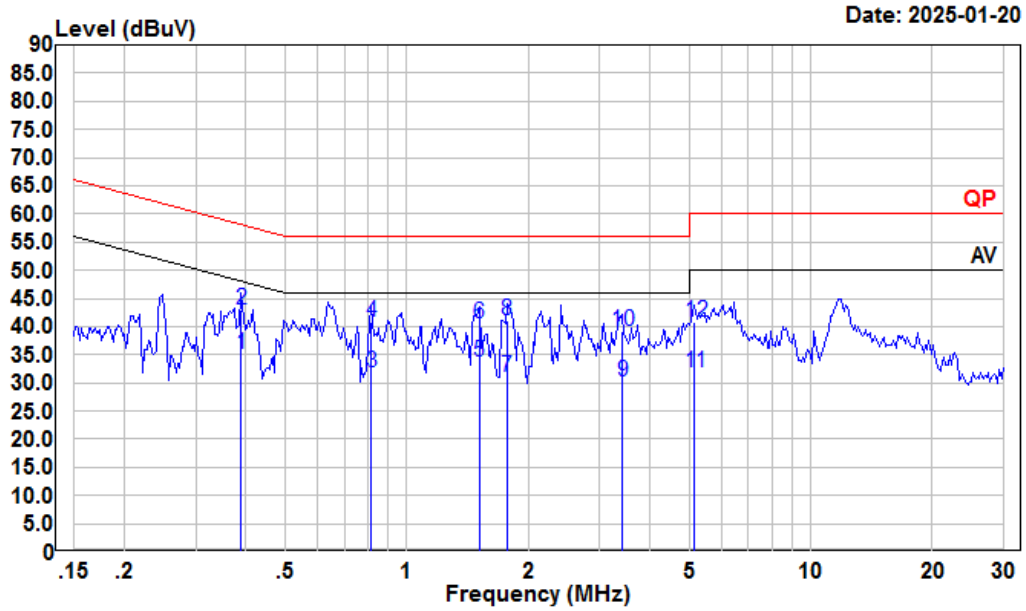


Condition: Neutral
Project : 2401T33438E-RF
tester : Macy.shi Note:Transmitting
Setting : RBW:9kHz VBW:Auto SWT:Auto

	Freq	Read Level	LISN Level	Cable Factor	Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.641	15.96	36.62	10.53	10.13	46.00	-9.38	Average
2	0.641	20.96	41.62	10.53	10.13	56.00	-14.38	QP
3	1.829	13.78	34.31	10.35	10.18	46.00	-11.69	Average
4	1.829	19.78	40.31	10.35	10.18	56.00	-15.69	QP
5	2.121	10.99	31.46	10.28	10.19	46.00	-14.54	Average
6	2.121	18.99	39.46	10.28	10.19	56.00	-16.54	QP
7	3.381	13.59	33.93	10.15	10.19	46.00	-12.07	Average
8	3.381	19.59	39.93	10.15	10.19	56.00	-16.07	QP
9	8.683	8.48	29.16	10.48	10.20	50.00	-20.84	Average
10	8.683	20.48	41.16	10.48	10.20	60.00	-18.84	QP
11	12.582	9.93	30.38	10.23	10.22	50.00	-19.62	Average
12	12.582	18.93	39.38	10.23	10.22	60.00	-20.62	QP

For module YL7981 (Maximum output power mode, ANT1 802.11ax40 5795MHz)

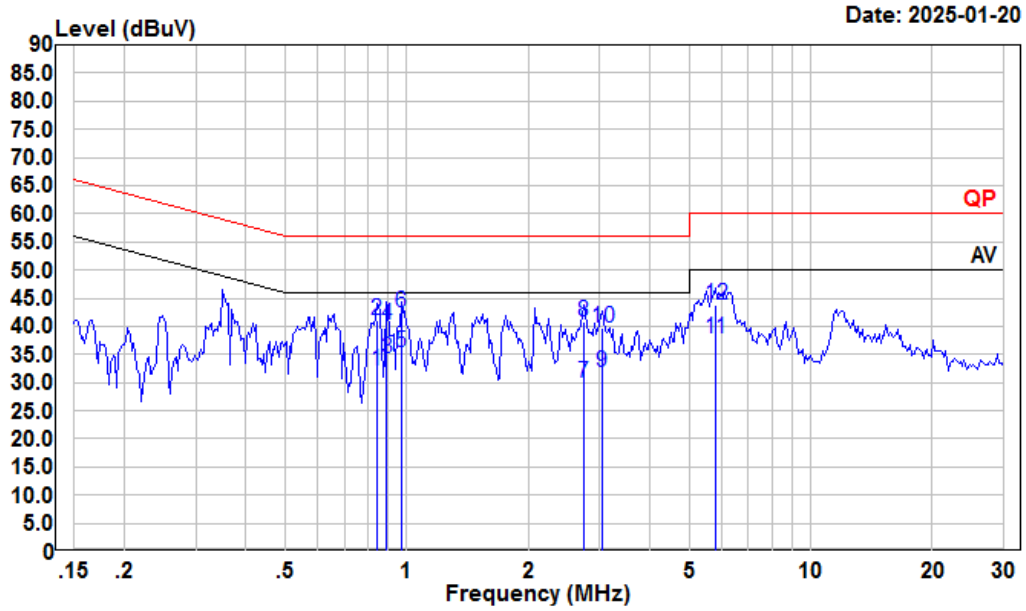
AC 120V 60 Hz, Line



Condition: Line
Project : 2401T33438E-RF
tester : Macy.shi Note:Transmitting
Setting : RBW:9kHz VBW:Auto SWT:Auto

	Freq	Read Level	LISN Level	Cable Factor	Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.389	14.64	35.08	10.34	10.10	48.08	-13.00	Average
2	0.389	22.64	43.08	10.34	10.10	58.08	-15.00	QP
3	0.817	11.00	31.78	10.66	10.12	46.00	-14.22	Average
4	0.817	20.00	40.78	10.66	10.12	56.00	-15.22	QP
5	1.511	13.03	33.61	10.42	10.16	46.00	-12.39	Average
6	1.511	20.03	40.61	10.42	10.16	56.00	-15.39	QP
7	1.772	10.47	31.00	10.35	10.18	46.00	-15.00	Average
8	1.772	20.47	41.00	10.35	10.18	56.00	-15.00	QP
9	3.417	9.94	30.20	10.07	10.19	46.00	-15.80	Average
10	3.417	18.94	39.20	10.07	10.19	56.00	-16.80	QP
11	5.166	11.42	31.87	10.27	10.18	50.00	-18.13	Average
12	5.166	20.42	40.87	10.27	10.18	60.00	-19.13	QP

AC 120V 60 Hz, Neutral



Condition: Neutral
Project : 2401T33438E-RF
tester : Macy.shi Note:Transmitting
Setting : RBW:9kHz VBW:Auto SWT:Auto

	Freq	Read Level	LISN Level	Cable Factor	Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.844	11.29	32.00	10.60	10.11	46.00	-14.00	Average
2	0.844	20.29	41.00	10.60	10.11	56.00	-15.00	QP
3	0.890	13.62	34.35	10.63	10.10	46.00	-11.65	Average
4	0.890	19.62	40.35	10.63	10.10	56.00	-15.65	QP
5	0.968	14.51	35.30	10.68	10.11	46.00	-10.70	Average
6	0.968	21.51	42.30	10.68	10.11	56.00	-13.70	QP
7	2.736	9.46	29.84	10.21	10.17	46.00	-16.16	Average
8	2.736	20.46	40.84	10.21	10.17	56.00	-15.16	QP
9	3.041	11.33	31.69	10.18	10.18	46.00	-14.31	Average
10	3.041	19.33	39.69	10.18	10.18	56.00	-16.31	QP
11	5.805	17.08	37.69	10.43	10.18	50.00	-12.31	Average
12	5.805	23.08	43.69	10.43	10.18	60.00	-16.31	QP

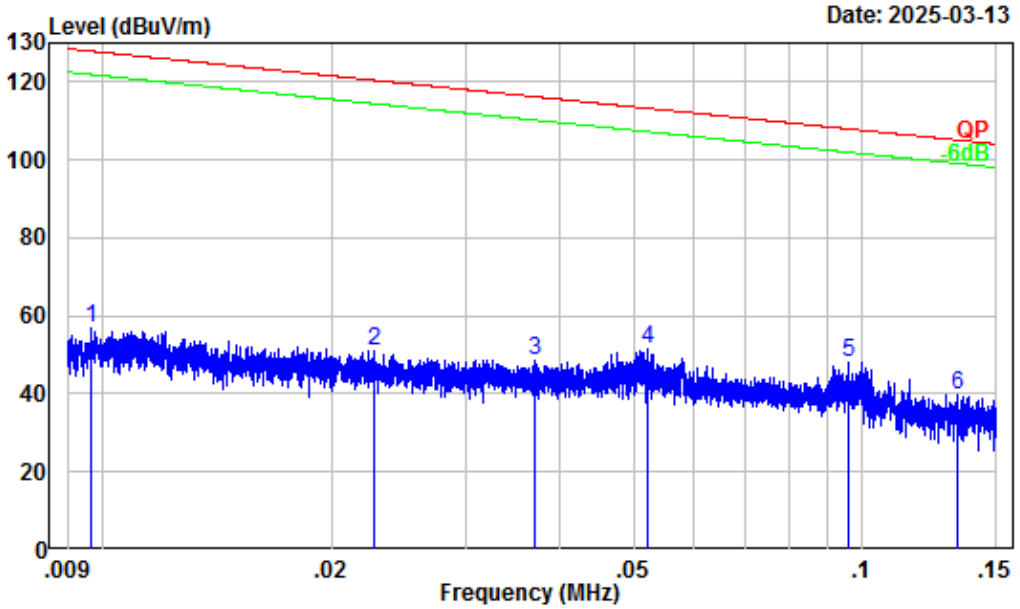
Undesirable Emission

Temperature (℃)	24~27	**Relative Humidity (%)**	47~52
ATM Pressure (kPa):	101~101.3	**Test engineer:**	Anson Su & Zenos Qiao
Test date:	2025/03/10~2025/03/14		
EUT operation mode:	Below 1GHz: Transmitting Above 1GHz: Transmitting		
Note:	1. For the radiated spurious emission below 30MHz, only the worst case (parallel) was recorded. 2. When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded.		

Below 1GHz:

For module YL43752, ANT1 (Maximum output power mode, 802.11a 5320MHz)

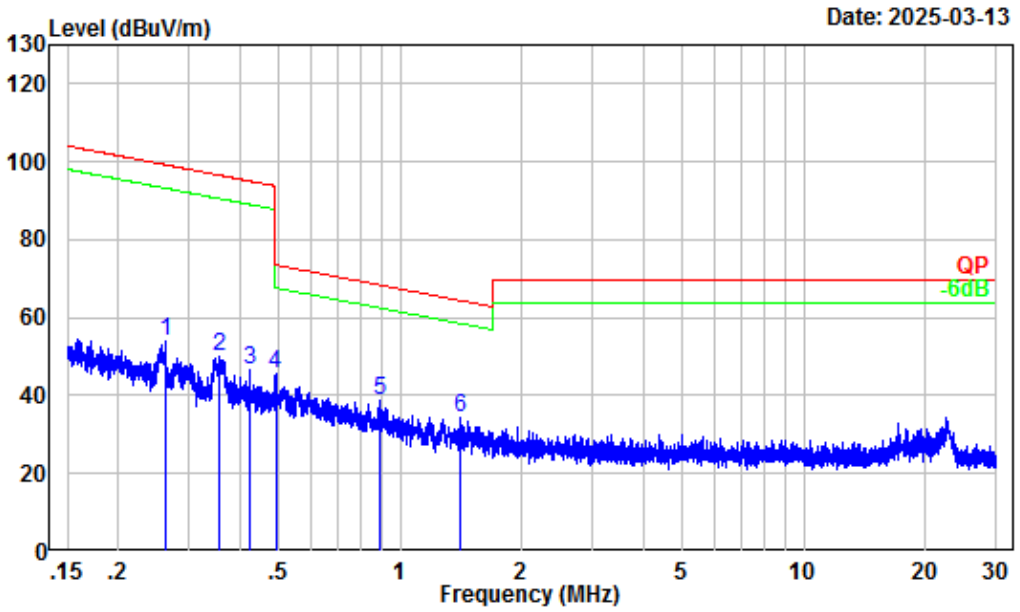
9kHz-150kHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.01	32.37	24.48	56.85	127.91	-71.06	Peak
2	0.02	29.86	21.14	51.00	120.44	-69.44	Peak
3	0.04	27.76	20.85	48.61	116.24	-67.63	Peak
4	0.05	26.18	25.18	51.36	113.26	-61.90	Peak
5	0.10	22.27	25.84	48.11	107.95	-59.84	Peak
6	0.13	20.04	19.79	39.83	105.12	-65.29	Peak

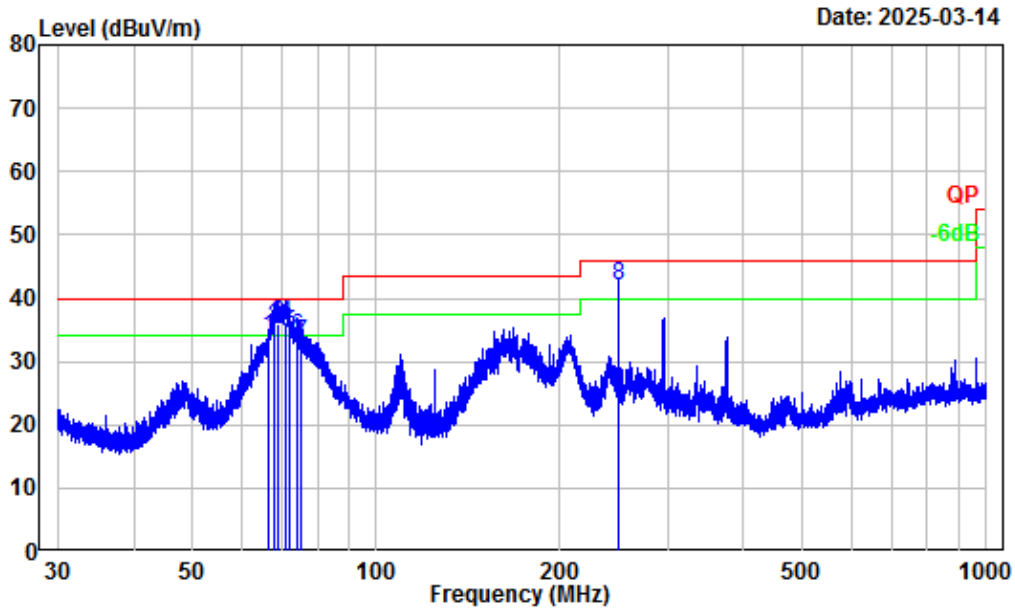
150kHz-30MHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.26	12.41	41.41	53.82	99.22	-45.40	Peak
2	0.36	9.11	40.78	49.89	96.55	-46.66	Peak
3	0.42	7.85	38.68	46.53	95.07	-48.54	Peak
4	0.49	6.56	39.08	45.64	73.77	-28.13	Peak
5	0.89	2.04	36.74	38.78	68.52	-29.74	Peak
6	1.40	0.07	34.39	34.46	64.47	-30.01	Peak

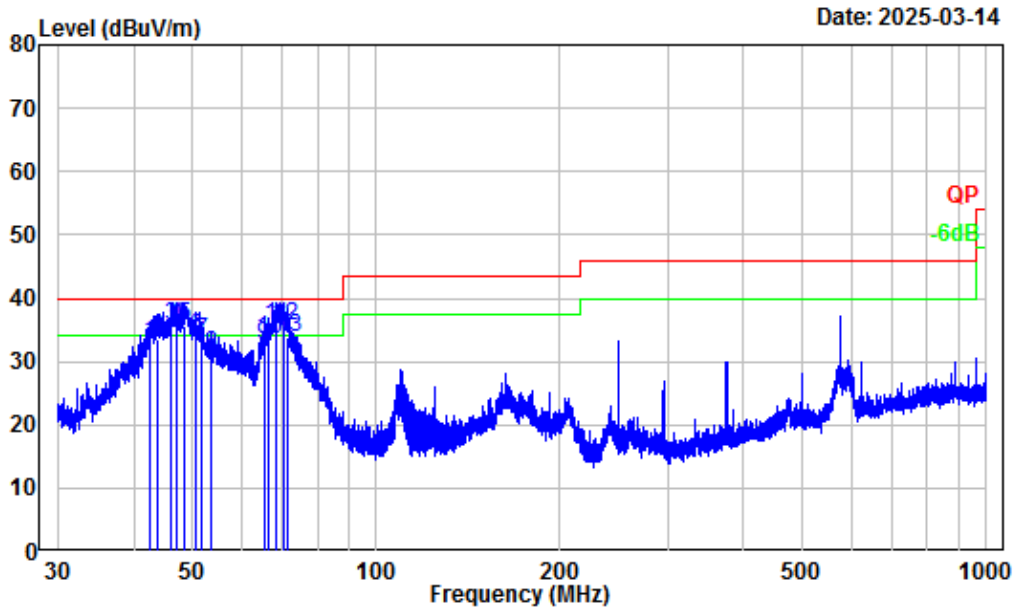
30MHz-1GHz_Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	66.73	-17.88	51.76	33.88	40.00	-6.12	QP
2	68.00	-17.88	53.22	35.34	40.00	-4.66	QP
3	69.11	-17.87	53.94	36.07	40.00	-3.93	QP
4	70.83	-17.87	53.93	36.06	40.00	-3.94	QP
5	71.86	-17.85	52.19	34.34	40.00	-5.66	QP
6	74.01	-17.84	51.60	33.76	40.00	-6.24	QP
7	75.48	-17.83	50.60	32.77	40.00	-7.23	QP
8	249.97	-13.09	55.12	42.03	46.00	-3.97	QP

30MHz-1GHz_Vertical

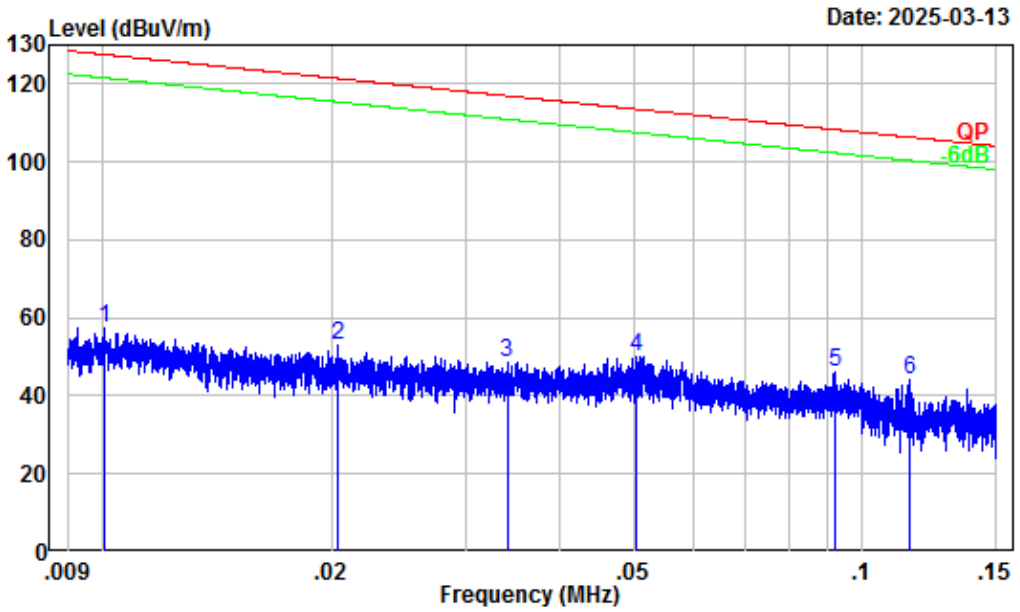


Site : Chamber A
Condition : 3m Vertical
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	42.49	-14.21	47.13	32.92	40.00	-7.08	QP
2	43.64	-14.95	48.58	33.63	40.00	-6.37	QP
3	46.08	-16.50	52.23	35.73	40.00	-4.27	QP
4	46.89	-16.90	52.54	35.64	40.00	-4.36	QP
5	48.54	-17.55	53.11	35.56	40.00	-4.44	QP
6	50.59	-18.03	51.90	33.87	40.00	-6.13	QP
7	51.82	-18.20	51.47	33.27	40.00	-6.73	QP
8	53.69	-18.32	49.44	31.12	40.00	-8.88	QP
9	65.34	-17.96	50.71	32.75	40.00	-7.25	QP
10	66.47	-17.88	51.47	33.59	40.00	-6.41	QP
11	68.33	-17.88	53.57	35.69	40.00	-4.31	QP
12	70.68	-17.87	53.58	35.71	40.00	-4.29	QP
13	71.74	-17.85	51.79	33.94	40.00	-6.06	QP

For module YL43752, ANT2 (Maximum output power mode, 802.11ax20 5745MHz)

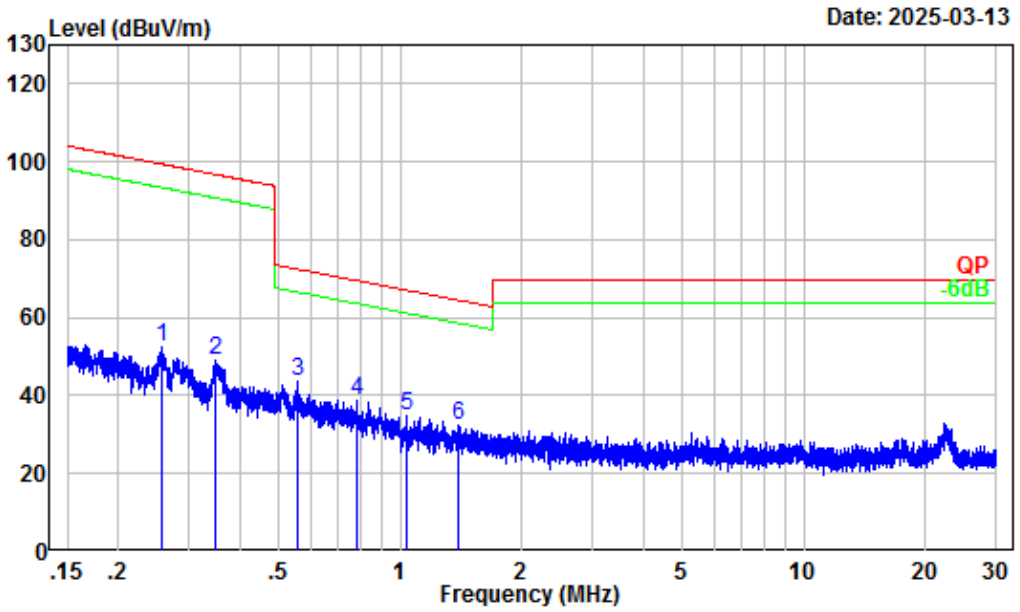
9kHz-150kHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.01	32.28	25.20	57.48	127.53	-70.05	Peak
2	0.02	30.31	22.48	52.79	121.39	-68.60	Peak
3	0.03	28.07	20.58	48.65	116.95	-68.30	Peak
4	0.05	26.36	23.78	50.14	113.56	-63.42	Peak
5	0.09	22.57	23.50	46.07	108.35	-62.28	Peak
6	0.12	21.08	22.98	44.06	106.35	-62.29	Peak

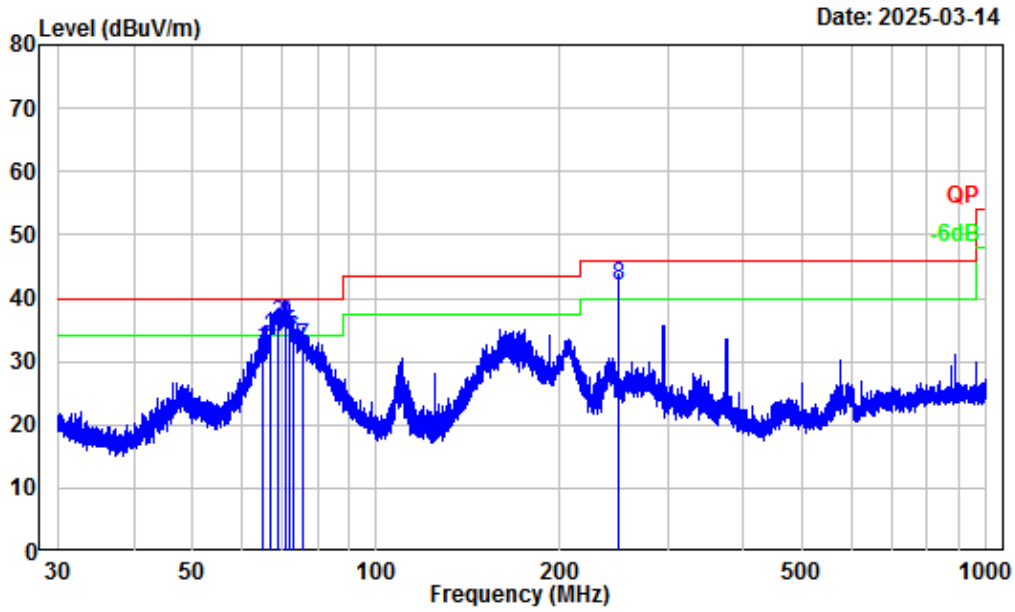
150kHz-30MHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.26	12.77	39.86	52.63	99.42	-46.79	Peak
2	0.35	9.28	39.65	48.93	96.76	-47.83	Peak
3	0.56	5.66	38.14	43.80	72.62	-28.82	Peak
4	0.78	2.95	35.77	38.72	69.68	-30.96	Peak
5	1.04	1.08	33.65	34.73	67.11	-32.38	Peak
6	1.39	0.11	32.04	32.15	64.57	-32.42	Peak

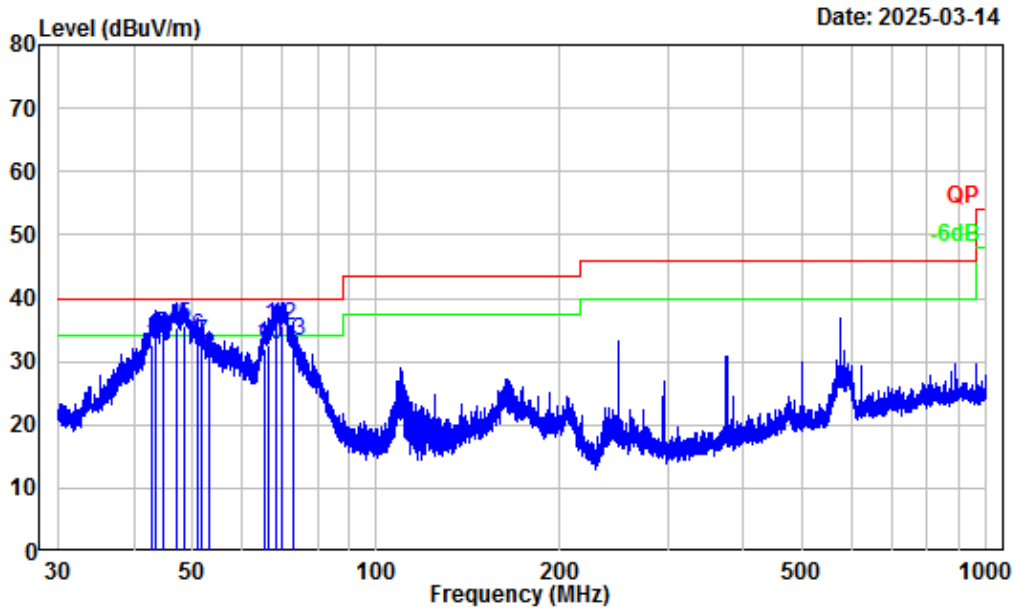
30MHz-1GHz_Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	65.17	-17.97	50.03	32.06	40.00	-7.94	QP
2	67.03	-17.88	51.75	33.87	40.00	-6.13	QP
3	69.14	-17.87	53.91	36.04	40.00	-3.96	QP
4	70.83	-17.87	53.90	36.03	40.00	-3.97	QP
5	71.90	-17.85	52.24	34.39	40.00	-5.61	QP
6	73.26	-17.85	51.40	33.55	40.00	-6.45	QP
7	75.61	-17.83	50.05	32.22	40.00	-7.78	QP
8	249.97	-13.09	55.10	42.01	46.00	-3.99	QP

30MHz-1GHz_Vertical

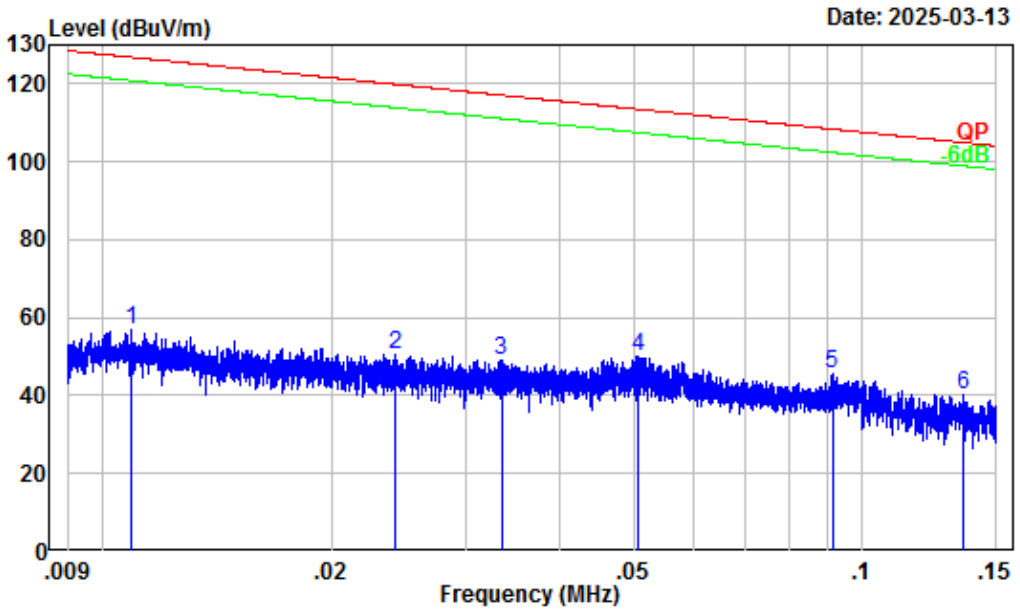


Site : Chamber A
Condition : 3m Vertical
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	42.71	-14.38	47.01	32.63	40.00	-7.37	QP
2	43.58	-14.92	48.55	33.63	40.00	-6.37	QP
3	44.86	-15.78	49.76	33.98	40.00	-6.02	QP
4	46.87	-16.90	52.22	35.32	40.00	-4.68	QP
5	48.31	-17.45	53.10	35.65	40.00	-4.35	QP
6	50.79	-18.07	51.88	33.81	40.00	-6.19	QP
7	51.84	-18.20	51.00	32.80	40.00	-7.20	QP
8	53.01	-18.32	49.00	30.68	40.00	-9.32	QP
9	65.66	-17.92	50.01	32.09	40.00	-7.91	QP
10	66.44	-17.88	50.54	32.66	40.00	-7.34	QP
11	68.24	-17.88	53.56	35.68	40.00	-4.32	QP
12	70.09	-17.87	53.59	35.72	40.00	-4.28	QP
13	72.81	-17.85	51.20	33.35	40.00	-6.65	QP

For module: YL7981, ANT1 (Maximum output power mode, 802.11ax40 5795MHz)

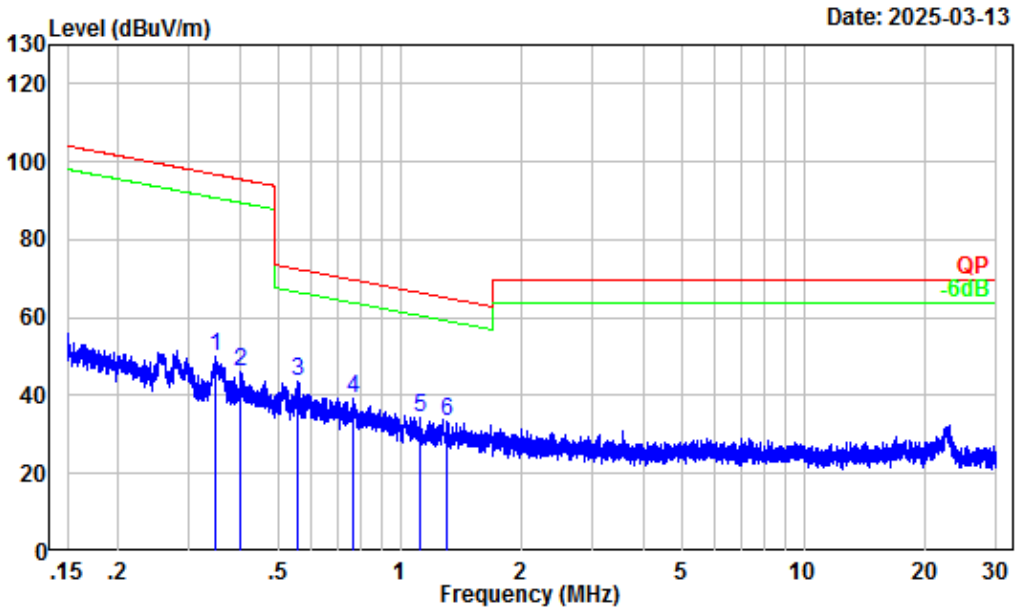
9kHz-150kHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.01	32.12	24.71	56.83	126.83	-70.00	Peak
2	0.02	29.59	21.11	50.70	119.91	-69.21	Peak
3	0.03	28.13	21.03	49.16	117.10	-67.94	Peak
4	0.05	26.34	23.87	50.21	113.53	-63.32	Peak
5	0.09	22.61	22.86	45.47	108.40	-62.93	Peak
6	0.14	19.91	20.43	40.34	104.97	-64.63	Peak

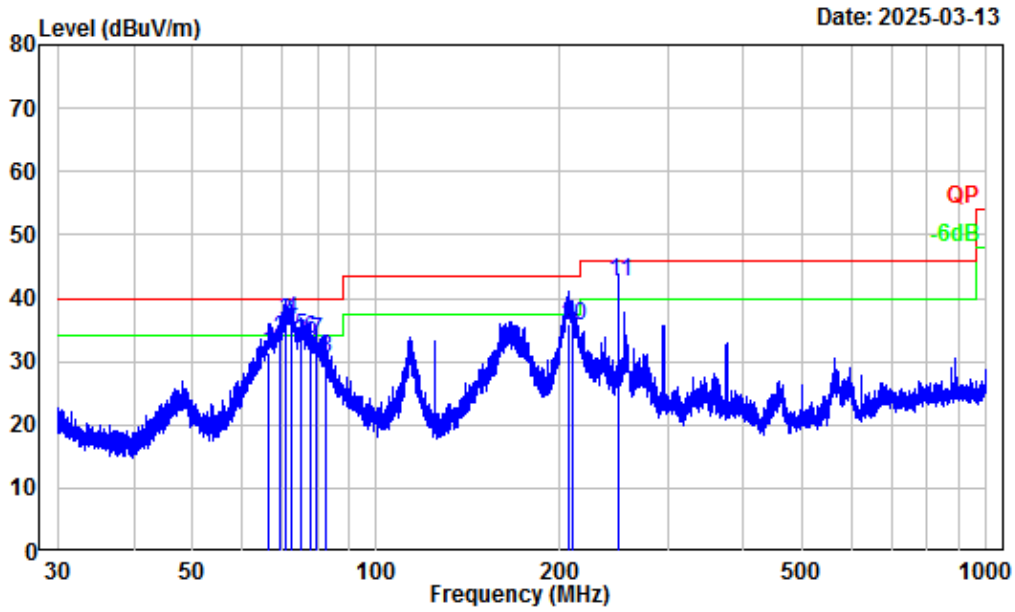
150kHz-30MHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.35	9.29	40.55	49.84	96.77	-46.93	Peak
2	0.40	8.25	37.64	45.89	95.51	-49.62	Peak
3	0.56	5.71	37.94	43.65	72.67	-29.02	Peak
4	0.77	3.10	36.14	39.24	69.82	-30.58	Peak
5	1.12	0.87	33.30	34.17	66.49	-32.32	Peak
6	1.31	0.34	33.21	33.55	65.10	-31.55	Peak

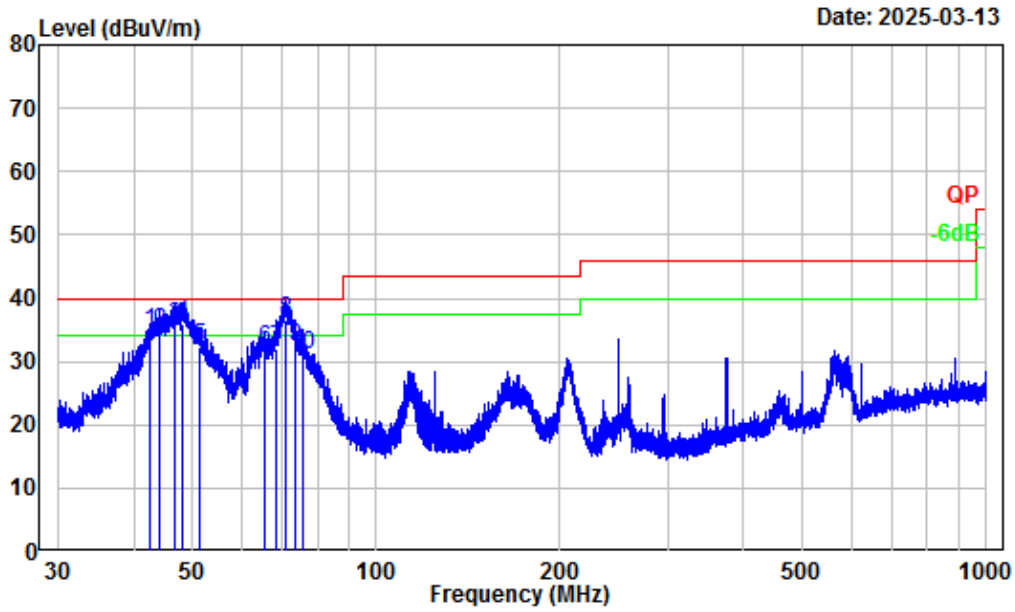
30MHz-1GHz_Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	66.70	-17.88	49.29	31.41	40.00	-8.59	QP
2	69.33	-17.87	51.50	33.63	40.00	-6.37	QP
3	70.89	-17.87	54.03	36.16	40.00	-3.84	QP
4	72.43	-17.85	54.40	36.55	40.00	-3.45	QP
5	75.02	-17.83	51.50	33.67	40.00	-6.33	QP
6	78.00	-17.82	51.31	33.49	40.00	-6.51	QP
7	79.94	-17.90	51.22	33.32	40.00	-6.68	QP
8	82.36	-18.03	48.60	30.57	40.00	-9.43	QP
9	206.31	-13.60	49.51	35.91	43.50	-7.59	QP
10	209.13	-13.93	49.60	35.67	43.50	-7.83	QP
11	249.97	-13.09	55.51	42.42	46.00	-3.58	QP

30MHz-1GHz_Vertical

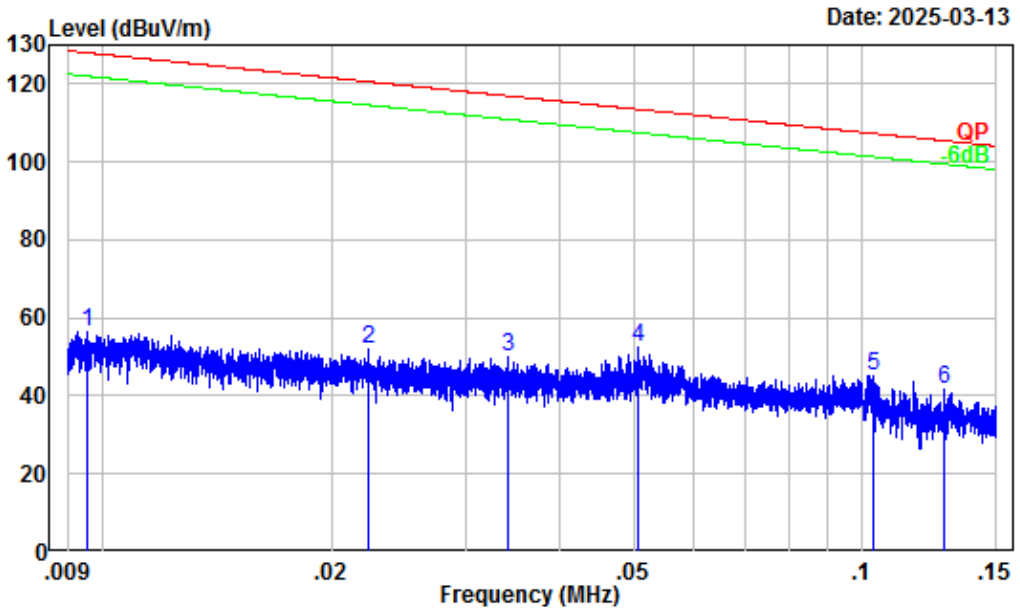


Site : Chamber A
Condition : 3m Vertical
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	42.66	-14.34	48.91	34.57	40.00	-5.43	QP
2	44.22	-15.33	49.99	34.66	40.00	-5.34	QP
3	46.58	-16.75	52.40	35.65	40.00	-4.35	QP
4	48.18	-17.40	53.19	35.79	40.00	-4.21	QP
5	51.28	-18.15	50.31	32.16	40.00	-7.84	QP
6	65.69	-17.92	50.00	32.08	40.00	-7.92	QP
7	68.72	-17.88	50.00	32.12	40.00	-7.88	QP
8	70.99	-17.87	54.31	36.44	40.00	-3.56	QP
9	73.42	-17.85	50.01	32.16	40.00	-7.84	QP
10	75.51	-17.83	48.80	30.97	40.00	-9.03	QP

For module: YL7981, ANT2 (Maximum output power mode, 802.11ax40 5230MHz)

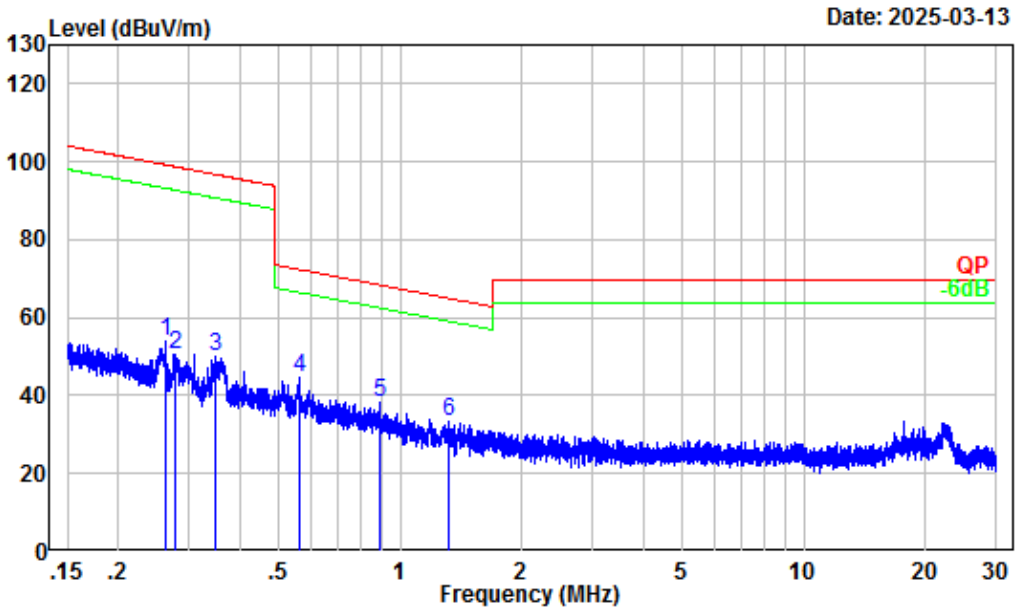
9kHz-150kHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.01	32.39	24.04	56.43	128.02	-71.59	Peak
2	0.02	29.95	21.89	51.84	120.62	-68.78	Peak
3	0.03	28.07	21.88	49.95	116.94	-66.99	Peak
4	0.05	26.33	26.01	52.34	113.50	-61.16	Peak
5	0.10	21.81	23.55	45.36	107.33	-61.97	Peak
6	0.13	20.34	21.54	41.88	105.45	-63.57	Peak

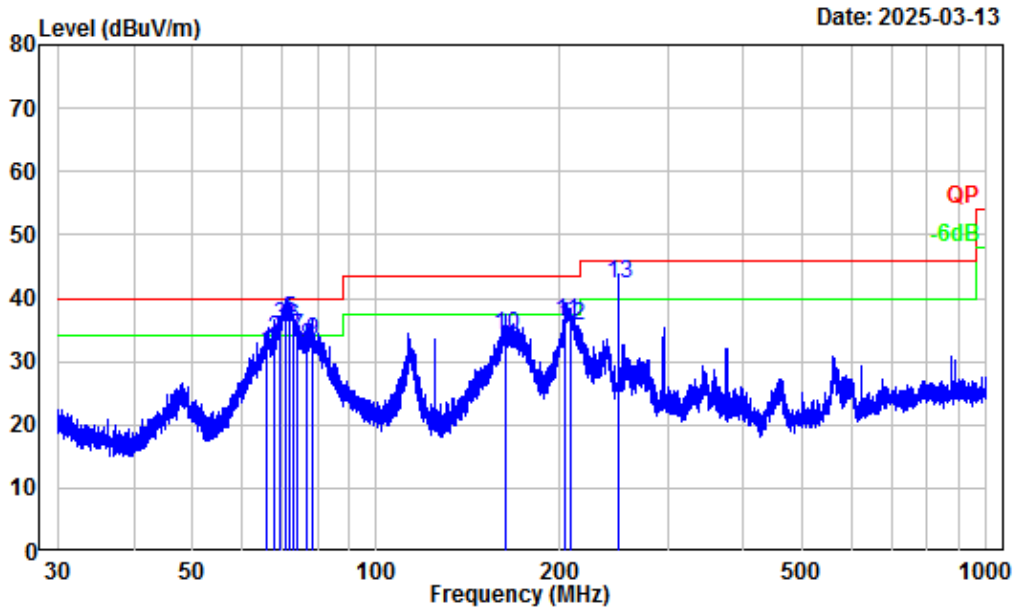
150kHz-30MHz



Site : Chamber A
Condition : 3m
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.26	12.45	41.75	54.20	99.24	-45.04	Peak
2	0.28	11.53	39.21	50.74	98.74	-48.00	Peak
3	0.35	9.26	40.89	50.15	96.74	-46.59	Peak
4	0.56	5.65	39.04	44.69	72.60	-27.91	Peak
5	0.89	2.00	36.22	38.22	68.47	-30.25	Peak
6	1.32	0.30	32.84	33.14	65.00	-31.86	Peak

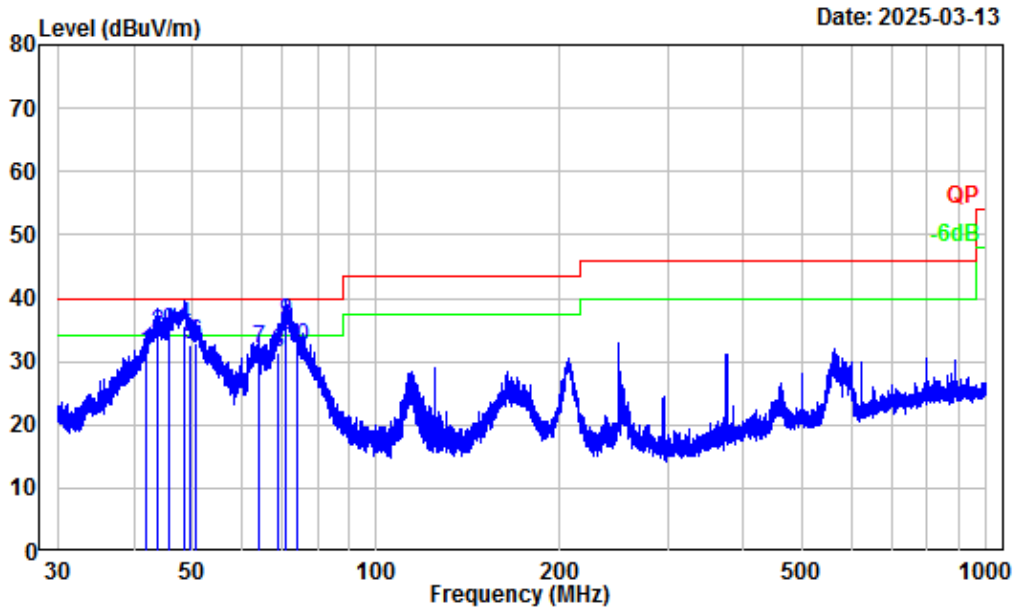
30MHz-1GHz_Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	66.12	-17.89	49.20	31.31	40.00	-8.69	QP
2	68.12	-17.88	51.40	33.52	40.00	-6.48	QP
3	69.57	-17.87	53.50	35.63	40.00	-4.37	QP
4	70.86	-17.87	54.01	36.14	40.00	-3.86	QP
5	71.96	-17.85	54.39	36.54	40.00	-3.46	QP
6	73.17	-17.85	53.30	35.45	40.00	-4.55	QP
7	74.10	-17.84	51.60	33.76	40.00	-6.24	QP
8	77.05	-17.82	50.00	32.18	40.00	-7.82	QP
9	78.48	-17.86	51.20	33.34	40.00	-6.66	QP
10	163.25	-12.81	47.00	34.19	43.50	-9.31	QP
11	204.24	-13.38	49.50	36.12	43.50	-7.38	QP
12	208.40	-13.84	49.60	35.76	43.50	-7.74	QP
13	249.97	-13.09	55.50	42.41	46.00	-3.59	QP

30MHz-1GHz_Vertical



Site : Chamber A
Condition : 3m Vertical
Project Number : 2401T33438E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	41.79	-13.70	45.10	31.40	40.00	-8.60	QP
2	43.64	-14.95	49.39	34.44	40.00	-5.56	QP
3	45.77	-16.32	50.99	34.67	40.00	-5.33	QP
4	48.35	-17.47	53.19	35.72	40.00	-4.28	QP
5	49.62	-17.84	50.50	32.66	40.00	-7.34	QP
6	50.70	-18.05	51.10	33.05	40.00	-6.95	QP
7	64.12	-18.00	50.00	32.00	40.00	-8.00	QP
8	69.17	-17.87	49.40	31.53	40.00	-8.47	QP
9	71.24	-17.87	54.21	36.34	40.00	-3.66	QP
10	73.88	-17.84	50.02	32.18	40.00	-7.82	QP

Above 1GHz:
For module YL43752, ANT1
5150-5250 MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5150	65	PK	H	-7.45	57.55	74	-16.45
5150	53.92	AV	H	-7.45	46.47	54	-7.53
5150	69.77	PK	V	-7.45	62.32	74	-11.68
5150	57.91	AV	V	-7.45	50.46	54	-3.54
10360	54.59	PK	H	2.53	57.12	68.2	-11.08
10360	54.24	PK	V	2.53	56.77	68.2	-11.43
Middle Channel							
10400	54.67	PK	H	2.55	57.22	68.2	-10.98
10400	53.72	PK	V	2.55	56.27	68.2	-11.93
High Channel							
5350	63.61	PK	H	-6.74	56.87	74	-17.13
5350	53.06	AV	H	-6.74	46.32	54	-7.68
5350	63.2	PK	V	-6.74	56.46	74	-17.54
5350	53.61	AV	V	-6.74	46.87	54	-7.13
10480	53.57	PK	H	2.25	55.82	68.2	-12.38
10480	53.48	PK	V	2.25	55.73	68.2	-12.47

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5150	65.91	PK	H	-7.45	58.46	74	-15.54
5150	54.46	AV	H	-7.45	47.01	54	-6.99
5150	65.61	PK	V	-7.45	58.16	74	-15.84
5150	55.97	AV	V	-7.45	48.52	54	-5.48
10360	55.79	PK	H	2.53	58.32	68.2	-9.88
10360	54.72	PK	V	2.53	57.25	68.2	-10.95
Middle Channel							
10400	54.89	PK	H	2.55	57.44	68.2	-10.76
10400	54.62	PK	V	2.55	57.17	68.2	-11.03
High Channel							
5350	63.16	PK	H	-6.74	56.42	74	-17.58
5350	53.33	AV	H	-6.74	46.59	54	-7.41
5350	64.2	PK	V	-6.74	57.46	74	-16.54
5350	50.66	AV	V	-6.74	43.92	54	-10.08
10480	52.33	PK	H	2.25	54.58	68.2	-13.62
10480	53.01	PK	V	2.25	55.26	68.2	-12.94

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5150	66	PK	H	-7.45	58.55	74	-15.45
5150	53.73	AV	H	-7.45	46.28	54	-7.72
5150	65.19	PK	V	-7.45	57.74	74	-16.26
5150	53.91	AV	V	-7.45	46.46	54	-7.54
10380	52.91	PK	H	2.54	55.45	68.2	-12.75
10380	54.74	PK	V	2.54	57.28	68.2	-10.92
High Channel							
5350	64.18	PK	H	-6.74	57.44	74	-16.56
5350	53.11	AV	H	-6.74	46.37	54	-7.63
5350	63.99	PK	V	-6.74	57.25	74	-16.75
5350	52.87	AV	V	-6.74	46.13	54	-7.87
10460	53.25	PK	H	2.32	55.57	68.2	-12.63
10460	53.83	PK	V	2.32	56.15	68.2	-12.05
802.11ac80							
Middle Channel							
5150	65.03	PK	H	-7.45	57.58	74	-16.42
5150	54.72	AV	H	-7.45	47.27	54	-6.73
5350	64	PK	H	-6.74	57.26	74	-16.74
5350	53.16	AV	H	-6.74	46.42	54	-7.58
5150	65.98	PK	V	-7.45	58.53	74	-15.47
5150	53.94	AV	V	-7.45	46.49	54	-7.51
5350	63.62	PK	V	-6.74	56.88	74	-17.12
5350	53.16	AV	V	-6.74	46.42	54	-7.58
10420	53.88	PK	H	2.48	56.36	68.2	-11.84
10420	54.85	PK	V	2.48	57.33	68.2	-10.87

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5150	66.01	PK	H	-7.45	58.56	74	-15.44
5150	54.88	AV	H	-7.45	47.43	54	-6.57
5150	65.53	PK	V	-7.45	58.08	74	-15.92
5150	57.35	AV	V	-7.45	49.9	54	-4.1
10360	56.81	PK	H	2.53	59.34	68.2	-8.86
10360	54.68	PK	V	2.53	57.21	68.2	-10.99
Middle Channel							
10400	53.68	PK	H	2.55	56.23	68.2	-11.97
10400	54.72	PK	V	2.55	57.27	68.2	-10.93
High Channel							
5350	63.48	PK	H	-6.74	56.74	74	-17.26
5350	53.46	AV	H	-6.74	46.72	54	-7.28
5350	64.01	PK	V	-6.74	57.27	74	-16.73
5350	53.6	AV	V	-6.74	46.86	54	-7.14
10480	53.60	PK	H	2.25	55.85	68.2	-12.35
10480	53.58	PK	V	2.25	55.83	68.2	-12.37

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5150	64.82	PK	H	-7.45	57.37	74	-16.63
5150	55.93	AV	H	-7.45	48.48	54	-5.52
5150	66.18	PK	V	-7.45	58.73	74	-15.27
5150	54.68	AV	V	-7.45	47.23	54	-6.77
10380	54.94	PK	H	2.54	57.48	68.2	-10.72
10380	55.87	PK	V	2.54	58.41	68.2	-9.79
High Channel							
5350	64.18	PK	H	-6.74	57.44	74	-16.56
5350	52.74	AV	H	-6.74	46	54	-8
5350	63.93	PK	V	-6.74	57.19	74	-16.81
5350	53.12	AV	V	-6.74	46.38	54	-7.62
10460	54.57	PK	H	2.32	56.89	68.2	-11.31
10460	53.43	PK	V	2.32	55.75	68.2	-12.45
802.11ax80							
Middle Channel							
5150	66.18	PK	H	-7.45	58.73	74	-15.27
5150	54.68	AV	H	-7.45	47.23	54	-6.77
5350	64.28	PK	H	-6.74	57.54	74	-16.46
5350	53.4	AV	H	-6.74	46.66	54	-7.34
5150	65.92	PK	V	-7.45	58.47	74	-15.53
5150	54.96	AV	V	-7.45	47.51	54	-6.49
5350	64.92	PK	V	-6.74	58.18	74	-15.82
5350	52.83	AV	V	-6.74	46.09	54	-7.91
10420	55.17	PK	H	2.48	57.65	68.2	-10.55
10420	54.27	PK	V	2.48	56.75	68.2	-11.45

5250-5350MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5150	65.71	PK	H	-7.45	58.26	74	-15.74
5150	54.22	AV	H	-7.45	46.77	54	-7.23
5150	65.88	PK	V	-7.45	58.43	74	-15.57
5150	53.71	AV	V	-7.45	46.26	54	-7.74
10520	53.4	PK	H	2.18	55.58	68.2	-12.62
10520	53.15	PK	V	2.18	55.33	68.2	-12.87
Middle Channel							
10560	52.56	PK	H	2.18	54.74	68.2	-13.46
10560	53.14	PK	V	2.18	55.32	68.2	-12.88
High Channel							
5350	64.97	PK	H	-6.74	58.23	74	-15.77
5350	54.62	AV	H	-6.74	47.88	54	-6.12
5350	67.91	PK	V	-6.74	61.17	74	-12.83
5350	53.36	AV	V	-6.74	46.62	54	-7.38
10640	54.94	PK	H	2.59	57.53	74	-16.47
10640	42.22	AV	H	2.59	44.81	54	-9.19
10640	52.60	PK	V	2.59	55.19	74	-18.81
10640	41.63	AV	V	2.59	44.22	54	-9.78

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5150	64.98	PK	H	-7.45	57.53	74	-16.47
5150	54.73	AV	H	-7.45	47.28	54	-6.72
5150	66.11	PK	V	-7.45	58.66	74	-15.34
5150	54.72	AV	V	-7.45	47.27	54	-6.73
10520	53.25	PK	H	2.18	55.43	68.2	-12.77
10520	53.1	PK	V	2.18	55.28	68.2	-12.92
Middle Channel							
10560	53.16	PK	H	2.18	55.34	68.2	-12.86
10560	54.02	PK	V	2.18	56.2	68.2	-12
High Channel							
5350	64.54	PK	H	-6.74	57.8	74	-16.2
5350	53.31	AV	H	-6.74	46.57	54	-7.43
5350	63.4	PK	V	-6.74	56.66	74	-17.34
5350	53.56	AV	V	-6.74	46.82	54	-7.18
10640	52.92	PK	H	2.59	55.51	74	-18.49
10640	41.87	AV	H	2.59	44.46	54	-9.54
10640	53.28	PK	V	2.59	55.87	74	-18.13
10640	42.43	AV	V	2.59	45.02	54	-8.98

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5150	65.56	PK	H	-7.45	58.11	74	-15.89
5150	54.18	AV	H	-7.45	46.73	54	-7.27
5150	65.71	PK	V	-7.45	58.26	74	-15.74
5150	54.73	AV	V	-7.45	47.28	54	-6.72
10540	53.69	PK	H	2.18	55.87	68.2	-12.33
10540	52.96	PK	V	2.18	55.14	68.2	-13.06
High Channel							
5350	63.5	PK	H	-6.74	56.76	74	-17.24
5350	52.91	AV	H	-6.74	46.17	54	-7.83
5350	64.16	PK	V	-6.74	57.42	74	-16.58
5350	53.48	AV	V	-6.74	46.74	54	-7.26
10620	52.74	PK	H	2.37	55.11	74	-18.89
10620	40.99	AV	H	2.37	43.36	54	-10.64
10620	52.9	PK	V	2.37	55.27	74	-18.73
10620	42.21	AV	V	2.37	44.58	54	-9.42
802.11ac80							
Middle Channel							
5150	65.71	PK	H	-7.45	58.26	74	-15.74
5150	54.82	AV	H	-7.45	47.37	54	-6.63
5350	64	PK	H	-6.74	57.26	74	-16.74
5350	53.21	AV	H	-6.74	46.47	54	-7.53
5150	64.73	PK	V	-7.45	57.28	74	-16.72
5150	53.91	AV	V	-7.45	46.46	54	-7.54
5350	63.97	PK	V	-6.74	57.23	74	-16.77
5350	53.32	AV	V	-6.74	46.58	54	-7.42
10580	53.94	PK	H	2.18	56.12	68.2	-12.08
10580	53.18	PK	V	2.18	55.36	68.2	-12.84

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5150	65.1	PK	H	-7.45	57.65	74	-16.35
5150	54.4	AV	H	-7.45	46.95	54	-7.05
5150	65.62	PK	V	-7.45	58.17	74	-15.83
5150	54.11	AV	V	-7.45	46.66	54	-7.34
10520	54.54	PK	H	2.18	56.72	68.2	-11.48
10520	53.1	PK	V	2.18	55.28	68.2	-12.92
Middle Channel							
10560	53.96	PK	H	2.18	56.14	68.2	-12.06
10560	53.44	PK	V	2.18	55.62	68.2	-12.58
High Channel							
5350	63.76	PK	H	-6.74	57.02	74	-16.98
5350	55.21	AV	H	-6.74	48.47	54	-5.53
5350	64.03	PK	V	-6.74	57.29	74	-16.71
5350	54.09	AV	V	-6.74	47.35	54	-6.65
10640	53.83	PK	H	2.59	56.42	74	-17.58
10640	41.8	AV	H	2.59	44.39	54	-9.61
10640	52.61	PK	V	2.59	55.2	74	-18.8
10640	42.08	AV	V	2.59	44.67	54	-9.33

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5150	65.65	PK	H	-7.45	58.2	74	-15.8
5150	54.16	AV	H	-7.45	46.71	54	-7.29
5150	65.3	PK	V	-7.45	57.85	74	-16.15
5150	54.35	AV	V	-7.45	46.9	54	-7.1
10540	52.81	PK	H	2.18	54.99	68.2	-13.21
10540	52.38	PK	V	2.18	54.56	68.2	-13.64
High Channel							
5350	63.57	PK	H	-6.74	56.83	74	-17.17
5350	55.4	AV	H	-6.74	48.66	54	-5.34
5350	63.74	PK	V	-6.74	57	74	-17.00
5350	56.24	AV	V	-6.74	49.5	54	-4.50
10620	53.74	PK	H	2.37	56.11	74	-17.89
10620	42.87	AV	H	2.37	45.24	54	-8.76
10620	53.05	PK	V	2.37	55.42	74	-18.58
10620	42.39	AV	V	2.37	44.76	54	-9.24
802.11ax80							
Middle Channel							
5150	66.17	PK	H	-7.45	58.72	74	-15.28
5150	54.67	AV	H	-7.45	47.22	54	-6.78
5350	65.73	PK	H	-6.74	58.99	74	-15.01
5350	54.17	AV	H	-6.74	47.43	54	-6.57
5150	65.83	PK	V	-7.45	58.38	74	-15.62
5150	54.6	AV	V	-7.45	47.15	54	-6.85
5350	64.83	PK	V	-6.74	58.09	74	-15.91
5350	55.67	AV	V	-6.74	48.93	54	-5.07
10580	52.77	PK	H	2.18	54.95	68.2	-13.25
10580	54.75	PK	V	2.18	56.93	68.2	-11.27

5470-5725MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5460	62.73	PK	H	-6.29	56.44	74	-17.56
5460	52.52	AV	H	-6.29	46.23	54	-7.77
5460	63.16	PK	V	-6.29	56.87	74	-17.13
5460	52.45	AV	V	-6.29	46.16	54	-7.84
5470	62.54	PK	H	-6.26	56.28	68.20	-11.92
5470	62.73	PK	V	-6.26	56.47	68.20	-11.73
11000	49.36	PK	H	4.29	53.65	74	-20.35
11000	48.05	PK	V	4.29	52.34	74	-21.66
Middle Channel							
11160	52.12	PK	H	3.5	55.62	74	-18.38
11160	40.78	AV	H	3.5	44.28	54	-9.72
11160	50.82	PK	V	3.5	54.32	74	-19.68
11160	40.45	AV	V	3.5	43.95	54	-10.05
High Channel							
5725	63.63	PK	H	-5.49	58.14	68.2	-10.06
5725	65.82	PK	V	-5.49	60.33	68.2	-7.87
11400	51.6	PK	H	3.32	54.92	74	-19.08
11400	40.33	AV	H	3.32	43.65	54	-10.35
11400	52.11	PK	V	3.32	55.43	74	-18.57
11400	40.42	AV	V	3.32	43.74	54	-10.26
Cross Channel							
11440	50.83	PK	H	3.42	54.25	74	-19.75
11440	38.81	AV	H	3.42	42.23	54	-11.77
11440	51.34	PK	V	3.42	54.76	74	-19.24
11440	39.18	AV	V	3.42	42.60	54	-11.40

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5460	63.15	PK	H	-6.29	56.86	74	-17.14
5460	55.51	AV	H	-6.29	49.22	54	-4.78
5460	63.96	PK	V	-6.29	57.67	74	-16.33
5460	53.11	AV	V	-6.29	46.82	54	-7.18
5470	61.84	PK	H	-6.26	55.58	68.2	-12.62
5470	63.37	PK	V	-6.26	57.11	68.2	-11.09
11000	49.37	PK	H	4.29	53.66	74	-20.34
11000	49.29	PK	V	4.29	53.58	74	-20.42
Middle Channel							
11160	51.22	PK	H	3.5	54.72	74	-19.28
11160	40.03	AV	H	3.5	43.53	54	-10.47
11160	50.51	PK	V	3.5	54.01	74	-19.99
11160	40.04	AV	V	3.5	43.54	54	-10.46
High Channel							
5725	68.12	PK	H	-5.49	62.63	68.2	-5.57
5725	69.93	PK	V	-5.49	64.44	68.2	-3.76
11400	51.96	PK	H	3.32	55.28	74	-18.72
11400	40.01	AV	H	3.32	43.33	54	-10.67
11400	53.14	PK	V	3.32	56.46	74	-17.54
11400	40.23	AV	V	3.32	43.55	54	-10.45
Cross Channel							
11440	51.23	PK	H	3.42	54.65	74	-19.35
11440	38.62	AV	H	3.42	42.04	54	-11.96
11440	52.08	PK	V	3.42	55.50	74	-18.5
11440	39.34	AV	V	3.42	42.76	54	-11.24

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5460	63.62	PK	H	-6.29	57.33	74	-16.67
5460	52.55	AV	H	-6.29	46.26	54	-7.74
5460	63.76	PK	V	-6.29	57.47	74	-16.53
5460	52.87	AV	V	-6.29	46.58	54	-7.42
5470	62.51	PK	H	-6.26	56.25	68.2	-11.95
5470	62.53	PK	V	-6.26	56.27	68.2	-11.93
11020	48.71	PK	H	4.1	52.81	74	-21.19
11020	49.23	PK	V	4.1	53.33	74	-20.67
Middle Channel							
11100	49.81	PK	H	3.34	53.15	74	-20.85
11100	50.61	PK	V	3.34	53.95	74	-20.05
High Channel							
5725	63.91	PK	H	-5.49	58.42	68.2	-9.78
5725	63.62	PK	V	-5.49	58.13	68.2	-10.07
11340	51.21	PK	H	3.46	54.67	74	-19.33
11340	40.79	AV	H	3.46	44.25	54	-9.75
11340	52.55	PK	V	3.46	56.01	74	-17.99
11340	40.4	AV	V	3.46	43.86	54	-10.14
Cross Channel							
11420	52.06	PK	H	3.37	55.43	74	-18.57
11420	40.49	AV	H	3.37	43.86	54	-10.14
11420	52.04	PK	V	3.37	55.41	74	-18.59
11420	39.95	AV	V	3.37	43.32	54	-10.68

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Low Channel							
5460	63.51	PK	H	-6.29	57.22	74	-16.78
5460	52.54	AV	H	-6.29	46.25	54	-7.75
5460	63.46	PK	V	-6.29	57.17	74	-16.83
5460	52.54	AV	V	-6.29	46.25	54	-7.75
5470	62.68	PK	H	-6.26	56.42	68.2	-11.78
5470	62.83	PK	V	-6.26	56.57	68.2	-11.63
11060	49.73	PK	H	3.71	53.44	74	-20.56
11060	49.42	PK	V	3.71	53.13	74	-20.87
High Channel							
5725	63.84	PK	H	-5.49	58.35	68.2	-9.85
5725	62.77	PK	V	-5.49	57.28	68.2	-10.92
11220	51.32	PK	H	3.6	54.92	74	-19.08
11220	40.72	AV	H	3.6	44.32	54	-9.68
11220	52.1	PK	V	3.6	55.7	74	-18.3
11220	40.38	AV	V	3.6	43.98	54	-10.02
Cross Channel							
11380	50.97	PK	H	3.36	54.33	74.00	-19.67
11380	41.06	AV	H	3.36	44.42	54.00	-9.58
11380	51.55	PK	V	3.36	54.91	74.00	-19.09
11380	40.47	AV	V	3.36	43.83	54.00	-10.17

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5460	63.33	PK	H	-6.29	57.04	74	-16.96
5460	54.83	AV	H	-6.29	48.54	54	-5.46
5460	63.07	PK	V	-6.29	56.78	74	-17.22
5460	57.05	AV	V	-6.29	50.76	54	-3.24
5470	65.02	PK	H	-6.26	58.76	68.2	-9.44
5470	66.57	PK	V	-6.26	60.31	68.2	-7.89
11000	49.51	PK	H	4.29	53.8	74	-20.20
11000	49.04	PK	V	4.29	53.33	74	-20.67
Middle Channel							
11160	51.6	PK	H	3.5	55.1	74	-18.9
11160	40.49	AV	H	3.5	43.99	54	-10.01
11160	50.85	PK	V	3.5	54.35	74	-19.65
11160	40.13	AV	V	3.5	43.63	54	-10.37
High Channel							
5725	64	PK	H	-5.49	58.51	68.2	-9.69
5725	67.43	PK	V	-5.49	61.94	68.2	-6.26
11400	51.78	PK	H	3.32	55.1	74	-18.9
11400	40.36	AV	H	3.32	43.68	54	-10.32
11400	51.29	PK	V	3.32	54.61	74	-19.39
11400	41.09	AV	V	3.32	44.41	54	-9.59
Cross Channel							
11440	51.16	PK	H	3.42	54.58	74	-19.42
11440	39.31	AV	H	3.42	42.73	54	-11.27
11440	51.79	PK	V	3.42	55.21	74	-18.79
11440	39.83	AV	V	3.42	43.25	54	-10.75

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5460	62.8	PK	H	-6.29	56.51	74	-17.49
5460	53.34	AV	H	-6.29	47.05	54	-6.95
5460	63.34	PK	V	-6.29	57.05	74	-16.95
5460	52.85	AV	V	-6.29	46.56	54	-7.44
5470	61.84	PK	H	-6.26	55.58	68.2	-12.62
5470	61.4	PK	V	-6.26	55.14	68.2	-13.06
11020	48.97	PK	H	4.1	53.07	74	-20.93
11020	52.41	PK	V	4.1	56.51	74	-17.49
Middle Channel							
11100	50.94	PK	H	3.34	54.28	74	-19.72
11100	40.83	AV	H	3.34	44.17	54	-9.83
11100	51.54	PK	V	3.34	54.88	74	-19.12
11100	40.75	AV	V	3.34	44.09	54	-9.91
High Channel							
5725	62.88	PK	H	-5.49	57.39	68.2	-10.81
5725	68.65	PK	V	-5.49	63.16	68.2	-5.04
11340	52.22	PK	H	3.46	55.68	74	-18.32
11340	40.7	AV	H	3.46	44.16	54	-9.84
11340	52.44	PK	V	3.46	55.9	74	-18.1
11340	40.88	AV	V	3.46	44.34	54	-9.66
Cross Channel							
11420	51.77	PK	H	3.37	55.14	74	-18.86
11420	39.85	AV	H	3.37	43.22	54	-10.78
11420	51.5	PK	V	3.37	54.87	74	-19.13
11420	40.06	AV	V	3.37	43.43	54	-10.57

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax80							
Low Channel							
5460	62.74	PK	H	-6.29	56.45	74	-17.55
5460	52.82	AV	H	-6.29	46.53	54	-7.47
5460	63.73	PK	V	-6.29	57.44	74	-16.56
5460	52.76	AV	V	-6.29	46.47	54	-7.53
5470	61.58	PK	H	-6.26	55.32	68.2	-12.88
5470	62.1	PK	V	-6.26	55.84	68.2	-12.36
11060	49.88	PK	H	3.71	53.59	74	-20.41
11060	52.74	PK	V	3.71	56.45	74	-17.55
High Channel							
5725	66.01	PK	H	-5.49	60.52	68.2	-7.68
5725	63.51	PK	V	-5.49	58.02	68.2	-10.18
11220	52.38	PK	H	3.6	55.98	74	-18.02
11220	40.44	AV	H	3.6	44.04	54	-9.96
11220	51.23	PK	V	3.6	54.83	74	-19.17
11220	40.7	AV	V	3.6	44.3	54	-9.7
Cross Channel							
11380	52.38	PK	H	3.36	55.74	74	-18.26
11380	40.91	AV	H	3.36	44.27	54	-9.73
11380	52.31	PK	V	3.36	55.67	74	-18.33
11380	40.85	AV	V	3.36	44.21	54	-9.79

5725-5850MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5725	63.24	PK	H	-5.49	57.75	122.2	-64.45
5725	63.52	PK	V	-5.49	58.03	122.2	-64.17
5720	63.68	PK	H	-5.53	58.15	110.8	-52.65
5720	63.4	PK	V	-5.53	57.87	110.8	-52.93
5700	63.93	PK	H	-5.72	58.21	105.2	-46.99
5700	63.67	PK	V	-5.72	57.95	105.2	-47.25
5650	63.58	PK	H	-5.86	57.72	68.2	-10.48
5650	63.7	PK	V	-5.86	57.84	68.2	-10.36
11490	48.92	PK	H	3.54	52.46	74	-21.54
11490	48.21	PK	V	3.54	51.75	74	-22.25
Middle Channel							
11570	49.33	PK	H	3.3	52.63	74	-21.37
11570	47.46	PK	V	3.3	50.76	74	-23.24
High Channel							
5850	62.05	PK	H	-4.68	57.37	122.2	-64.83
5850	62.12	PK	V	-4.68	57.44	122.2	-64.76
5855	62.24	PK	H	-4.65	57.59	110.8	-53.21
5855	64.13	PK	V	-4.65	59.48	110.8	-51.32
5875	61.83	PK	H	-4.57	57.26	105.2	-47.94
5875	62.14	PK	V	-4.57	57.57	105.2	-47.63
5925	62.78	PK	H	-4.45	58.33	68.2	-9.87
5925	63.26	PK	V	-4.45	58.81	68.2	-9.39
11650	49.83	PK	H	3.42	53.25	74	-20.75
11650	50.24	PK	V	3.42	53.66	74	-20.34

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5725	87.77	PK	H	-5.49	82.28	122.2	-39.92
5725	90.11	PK	V	-5.49	84.62	122.2	-37.58
5720	78.64	PK	H	-5.53	73.11	110.8	-37.69
5720	78.96	PK	V	-5.53	73.43	110.8	-37.37
5700	66.59	PK	H	-5.72	60.87	105.2	-44.33
5700	70.26	PK	V	-5.72	64.54	105.2	-40.66
5650	63.57	PK	H	-5.86	57.71	68.2	-10.49
5650	63.1	PK	V	-5.86	57.24	68.2	-10.96
11490	49.71	PK	H	3.54	53.25	74	-20.75
11490	49.46	PK	V	3.54	53	74	-21
Middle Channel							
11570	50.12	PK	H	3.3	53.42	74	-20.58
11570	49.57	PK	V	3.3	52.87	74	-21.13
High Channel							
5850	84.81	PK	H	-4.68	80.13	122.2	-42.07
5850	83.92	PK	V	-4.68	79.24	122.2	-42.96
5855	76.1	PK	H	-4.65	71.45	110.8	-39.35
5855	75.31	PK	V	-4.65	70.66	110.8	-40.14
5875	66.68	PK	H	-4.57	62.11	105.2	-43.09
5875	70.52	PK	V	-4.57	65.95	105.2	-39.25
5925	63.12	PK	H	-4.45	58.67	68.2	-9.53
5925	63.01	PK	V	-4.45	58.56	68.2	-9.64
11650	50.11	PK	H	3.42	53.53	74	-20.47
11650	50.05	PK	V	3.42	53.47	74	-20.53

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5725	63.44	PK	H	-5.49	57.95	122.2	-64.25
5725	64.23	PK	V	-5.49	58.74	122.2	-63.46
5720	65.49	PK	H	-5.53	59.96	110.8	-50.84
5720	64.2	PK	V	-5.53	58.67	110.8	-52.13
5700	65.54	PK	H	-5.72	59.82	105.2	-45.38
5700	64.07	PK	V	-5.72	58.35	105.2	-46.85
5650	63.39	PK	H	-5.86	57.53	68.2	-10.67
5650	63.34	PK	V	-5.86	57.48	68.2	-10.72
11510	49.8	PK	H	3.53	53.33	74	-20.67
11510	49.73	PK	V	3.53	53.26	74	-20.74
High Channel							
5850	86.13	PK	H	-4.68	81.45	122.2	-40.75
5850	86.86	PK	V	-4.68	82.18	122.2	-40.02
5855	77.11	PK	H	-4.65	72.46	110.8	-38.34
5855	79.6	PK	V	-4.65	74.95	110.8	-35.85
5875	66.81	PK	H	-4.57	62.24	105.2	-42.96
5875	69.93	PK	V	-4.57	65.36	105.2	-39.84
5925	62.83	PK	H	-4.45	58.38	68.2	-9.82
5925	62.89	PK	V	-4.45	58.44	68.2	-9.76
11590	50.45	PK	H	3.21	53.66	74	-20.34
11590	49.91	PK	V	3.21	53.12	74	-20.88

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Middle Channel							
5725	63.62	PK	H	-5.49	58.13	122.2	-64.07
5725	64.15	PK	V	-5.49	58.66	122.2	-63.54
5720	63.88	PK	H	-5.53	58.35	110.8	-52.45
5720	63.78	PK	V	-5.53	58.25	110.8	-52.55
5700	65.08	PK	H	-5.72	59.36	105.2	-45.84
5700	65.09	PK	V	-5.72	59.37	105.2	-45.83
5650	63.52	PK	H	-5.86	57.66	68.2	-10.54
5650	63.44	PK	V	-5.86	57.58	68.2	-10.62
5850	63.54	PK	H	-4.68	58.86	122.2	-63.34
5850	62.12	PK	V	-4.68	57.44	122.2	-64.76
5855	63.57	PK	H	-4.65	58.92	110.8	-51.88
5855	62.17	PK	V	-4.65	57.52	110.8	-53.28
5875	62.13	PK	H	-4.57	57.56	105.2	-47.64
5875	62.99	PK	V	-4.57	58.42	105.2	-46.78
5925	63.27	PK	H	-4.45	58.82	68.2	-9.38
5925	62.16	PK	V	-4.45	57.71	68.2	-10.49
11550	49.73	PK	H	3.37	53.10	74	-20.90
11550	50.18	PK	V	3.37	53.55	74	-20.45

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5725	64.91	PK	H	-5.49	59.42	122.2	-62.78
5725	62.86	PK	V	-5.49	57.37	122.2	-64.83
5720	63.93	PK	H	-5.53	58.4	110.8	-52.4
5720	63.5	PK	V	-5.53	57.97	110.8	-52.83
5700	64.53	PK	H	-5.72	58.81	105.2	-46.39
5700	64.04	PK	V	-5.72	58.32	105.2	-46.88
5650	63.98	PK	H	-5.86	58.12	68.2	-10.08
5650	63.07	PK	V	-5.86	57.21	68.2	-10.99
11490	48.77	PK	H	3.54	52.31	74	-21.69
11490	49.03	PK	V	3.54	52.57	74	-21.43
Middle Channel							
11570	50.47	PK	H	3.3	53.77	74	-20.23
11570	50.16	PK	V	3.3	53.46	74	-20.54
High Channel							
5850	63.22	PK	H	-4.68	58.54	122.2	-63.66
5850	62.78	PK	V	-4.68	58.1	122.2	-64.1
5855	62.47	PK	H	-4.65	57.82	110.8	-52.98
5855	62.34	PK	V	-4.65	57.69	110.8	-53.11
5875	63.83	PK	H	-4.57	59.26	105.2	-45.94
5875	63.21	PK	V	-4.57	58.64	105.2	-46.56
5925	65.34	PK	H	-4.45	60.89	68.2	-7.31
5925	62.58	PK	V	-4.45	58.13	68.2	-10.07
11650.00	49.68	PK	H	3.42	53.10	74.00	-20.90
11650.00	50.01	PK	V	3.42	53.43	74.00	-20.57

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5725	65.77	PK	H	-5.49	60.28	122.2	-61.92
5725	63.97	PK	V	-5.49	58.48	122.2	-63.72
5720	63.94	PK	H	-5.53	58.41	110.8	-52.39
5720	63.81	PK	V	-5.53	58.28	110.8	-52.52
5700	64.43	PK	H	-5.72	58.71	105.2	-46.49
5700	63.37	PK	V	-5.72	57.65	105.2	-47.55
5650	64.27	PK	H	-5.86	58.41	68.2	-9.79
5650	63.81	PK	V	-5.86	57.95	68.2	-10.25
11510.00	50.12	PK	H	3.53	53.65	74.00	-20.35
11510.00	51.90	PK	V	3.53	53.43	74.00	-20.57
High Channel							
5850	62.24	PK	H	-4.68	57.56	122.2	-64.64
5850	61.77	PK	V	-4.68	57.09	122.2	-65.11
5855	62.45	PK	H	-4.65	57.8	110.8	-53
5855	62.27	PK	V	-4.65	57.62	110.8	-53.18
5875	63.22	PK	H	-4.57	58.65	105.2	-46.55
5875	64.13	PK	V	-4.57	59.56	105.2	-45.64
5925	63.16	PK	H	-4.45	58.71	68.2	-9.49
5925	63.07	PK	V	-4.45	58.62	68.2	-9.58
11590	49.89	PK	H	3.21	53.10	74	-20.90
11590	50.02	PK	V	3.21	53.23	74	-20.77

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax80							
Middle Channel							
5725	67.33	PK	H	-5.49	61.84	122.2	-60.36
5725	65.2	PK	V	-5.49	59.71	122.2	-62.49
5720	67.08	PK	H	-5.53	61.55	110.8	-49.25
5720	64.1	PK	V	-5.53	58.57	110.8	-52.23
5700	64.39	PK	H	-5.72	58.67	105.2	-46.53
5700	64.83	PK	V	-5.72	59.11	105.2	-46.09
5650	64.02	PK	H	-5.86	58.16	68.2	-10.04
5650	64.2	PK	V	-5.86	58.34	68.2	-9.86
5850	65.4	PK	H	-4.68	60.72	122.2	-61.48
5850	62.78	PK	V	-4.68	58.1	122.2	-64.1
5855	62.96	PK	H	-4.65	58.31	110.8	-52.49
5855	62.73	PK	V	-4.65	58.08	110.8	-52.72
5875	62.96	PK	H	-4.57	58.39	105.2	-46.81
5875	62.82	PK	V	-4.57	58.25	105.2	-46.95
5925	62.21	PK	H	-4.45	57.76	68.2	-10.44
5925	63.07	PK	V	-4.45	58.62	68.2	-9.58
11550	50.09	PK	H	3.37	53.46	74	-20.54
11550	49.8	PK	V	3.37	53.17	74	-20.83

Note:
Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
Corrected Amplitude = Factor + Reading
Margin = Corrected. Amplitude - Limit
The other spurious emission which is in the noise floor level was not recorded.
The test result of peak was less than the limit of average, so just peak values were recorded.

For module YL43752, ANT2

5150-5250 MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5150	70.89	PK	H	-7.45	63.44	74	-10.56
5150	57.83	AV	H	-7.45	50.38	54	-3.62
5150	64.73	PK	V	-7.45	57.28	74	-16.72
5150	54.53	AV	V	-7.45	47.08	54	-6.92
10360	49.86	PK	H	2.53	52.39	68.2	-15.81
10360	50.96	PK	V	2.53	53.49	68.2	-14.71
Middle Channel							
10400	50.81	PK	H	2.55	53.36	68.2	-14.84
10400	50.75	PK	V	2.55	53.3	68.2	-14.9
High Channel							
5350	63.53	PK	H	-6.74	56.79	74	-17.21
5350	51.56	AV	H	-6.74	44.82	54	-9.18
5350	63.24	PK	V	-6.74	56.5	74	-17.5
5350	51.25	AV	V	-6.74	44.51	54	-9.49
10480	49.47	PK	H	2.25	51.72	68.2	-16.48
10480	49.2	PK	V	2.25	51.45	68.2	-16.75

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5150	68.82	PK	H	-7.45	61.37	74	-12.63
5150	56.92	AV	H	-7.45	49.47	54	-4.53
5150	64.33	PK	V	-7.45	56.88	74	-17.12
5150	53.04	AV	V	-7.45	45.59	54	-8.41
10360	50.8	PK	H	2.53	53.33	68.2	-14.87
10360	50.36	PK	V	2.53	52.89	68.2	-15.31
Middle Channel							
10400	52.24	PK	H	2.55	54.79	68.2	-13.41
10400	52.4	PK	V	2.55	54.95	68.2	-13.25
High Channel							
5350	63.19	PK	H	-6.74	56.45	74	-17.55
5350	50.76	AV	H	-6.74	44.02	54	-9.98
5350	64.08	PK	V	-6.74	57.34	74	-16.66
5350	51.6	AV	V	-6.74	44.86	54	-9.14
10480	48.8	PK	H	2.25	51.05	68.2	-17.15
10480	49	PK	V	2.25	51.25	68.2	-16.95
802.11ac40							
Low Channel							
5150	65.19	PK	H	-7.45	57.74	74	-16.26
5150	55.96	AV	H	-7.45	48.51	54	-5.49
5150	65.55	PK	V	-7.45	58.1	74	-15.9
5150	52.74	AV	V	-7.45	45.29	54	-8.71
10380	50.45	PK	H	2.54	52.99	68.2	-15.21
10380	50.5	PK	V	2.54	53.04	68.2	-15.16
High Channel							
5350	63.49	PK	H	-6.74	56.75	74	-17.25
5350	50.81	AV	H	-6.74	44.07	54	-9.93
5350	62.97	PK	V	-6.74	56.23	74	-17.77
5350	51.59	AV	V	-6.74	44.85	54	-9.15
10460	49.86	PK	H	2.32	52.18	68.2	-16.02
10460	49.95	PK	V	2.32	52.27	68.2	-15.93

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Middle Channel							
5150	65.33	PK	H	-7.45	57.88	74	-16.12
5150	56.87	AV	H	-7.45	49.42	54	-4.58
5350	63.13	PK	H	-6.74	56.39	74	-17.61
5350	51.16	AV	H	-6.74	44.42	54	-9.58
5150	64.65	PK	V	-7.45	57.2	74	-16.8
5150	52.73	AV	V	-7.45	45.28	54	-8.72
5350	62.88	PK	V	-6.74	56.14	74	-17.86
5350	51.23	AV	V	-6.74	44.49	54	-9.51
10420	50.64	PK	H	2.48	53.12	68.2	-15.08
10420	50.33	PK	V	2.48	52.81	68.2	-15.39
802.11ax20							
Low Channel							
5150	65.81	PK	H	-7.45	58.36	74	-15.64
5150	56.35	AV	H	-7.45	48.9	54	-5.1
5150	65	PK	V	-7.45	57.55	74	-16.45
5150	52.52	AV	V	-7.45	45.07	54	-8.93
10360	51.95	PK	H	2.53	54.48	68.2	-13.72
10360	52.18	PK	V	2.53	54.71	68.2	-13.49
Middle Channel							
10400	51.19	PK	H	2.55	53.74	68.2	-14.46
10400	51.32	PK	V	2.55	53.87	68.2	-14.33
High Channel							
5350	63.44	PK	H	-6.74	56.7	74	-17.3
5350	51.61	AV	H	-6.74	44.87	54	-9.13
5350	63.65	PK	V	-6.74	56.91	74	-17.09
5350	51.36	AV	V	-6.74	44.62	54	-9.38
10480	49.75	PK	H	2.25	52	68.2	-16.2
10480	50.35	PK	V	2.25	52.6	68.2	-15.6

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5150	65.26	PK	H	-7.45	57.81	74	-16.19
5150	57.19	AV	H	-7.45	49.74	54	-4.26
5150	64.86	PK	V	-7.45	57.41	74	-16.59
5150	51.63	AV	V	-7.45	44.18	54	-9.82
10380	51.08	PK	H	2.54	53.62	68.2	-14.58
10380	51.04	PK	V	2.54	53.58	68.2	-14.62
High Channel							
5350	63.17	PK	H	-6.74	56.43	74	-17.57
5350	51.05	AV	H	-6.74	44.31	54	-9.69
5350	63.11	PK	V	-6.74	56.37	74	-17.63
5350	51	AV	V	-6.74	44.26	54	-9.74
10460	50.28	PK	H	2.32	52.6	68.2	-15.6
10460	50.27	PK	V	2.32	52.59	68.2	-15.61
802.11ax80							
Middle Channel							
5150	64.77	PK	H	-7.45	57.32	74	-16.68
5150	57.48	AV	H	-7.45	50.03	54	-3.97
5350	63.24	PK	H	-6.74	56.5	74	-17.5
5350	51.67	AV	H	-6.74	44.93	54	-9.07
5150	64.64	PK	V	-7.45	57.19	74	-16.81
5150	52.74	AV	V	-7.45	45.29	54	-8.71
5350	63.36	PK	V	-6.74	56.62	74	-17.38
5350	50.82	AV	V	-6.74	44.08	54	-9.92
10420	50.22	PK	H	2.48	52.7	68.2	-15.5
10420	51.54	PK	V	2.48	54.02	68.2	-14.18

5250-5350MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5150	65.03	PK	H	-7.45	57.58	74	-16.42
5150	52.13	AV	H	-7.45	44.68	54	-9.32
5150	64.37	PK	V	-7.45	56.92	74	-17.08
5150	52.68	AV	V	-7.45	45.23	54	-8.77
10520	49.4	PK	H	2.18	51.58	68.2	-16.62
10520	50.08	PK	V	2.18	52.26	68.2	-15.94
Middle Channel							
10560	49.99	PK	H	2.18	52.17	68.2	-16.03
10560	49.63	PK	V	2.18	51.81	68.2	-16.39
High Channel							
5350	69.09	PK	H	-6.74	62.35	74	-11.65
5350	56.79	AV	H	-6.74	50.05	54	-3.95
5350	64.45	PK	V	-6.74	57.71	74	-16.29
5350	52.58	AV	V	-6.74	45.84	54	-8.16
10640	49.85	PK	H	2.59	52.44	74	-21.56
10640	49.59	PK	V	2.59	52.18	74	-21.82
802.11ac20							
Low Channel							
5150	64.58	PK	H	-7.45	57.13	74	-16.87
5150	52.29	AV	H	-7.45	44.84	54	-9.16
5150	65.15	PK	V	-7.45	57.7	74	-16.3
5150	52.75	AV	V	-7.45	45.3	54	-8.7
10520	50.63	PK	H	2.18	52.81	68.2	-15.39
10520	50.45	PK	V	2.18	52.63	68.2	-15.57
Middle Channel							
10560	50.72	PK	H	2.18	52.9	68.2	-15.3
10560	50.67	PK	V	2.18	52.85	68.2	-15.35
High Channel							
5350	63.51	PK	H	-6.74	56.77	74	-17.23
5350	57.07	AV	H	-6.74	50.33	54	-3.67
5350	63.47	PK	V	-6.74	56.73	74	-17.27
5350	51.01	AV	V	-6.74	44.27	54	-9.73
10640	49.67	PK	H	2.59	52.26	74	-21.74
10640	49.13	PK	V	2.59	51.72	74	-22.28

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5150	66.27	PK	H	-7.45	58.82	74	-15.18
5150	52.41	AV	H	-7.45	44.96	54	-9.04
5150	65.16	PK	V	-7.45	57.71	74	-16.29
5150	52.13	AV	V	-7.45	44.68	54	-9.32
10540	50.18	PK	H	2.18	52.36	68.2	-15.84
10540	50.15	PK	V	2.18	52.33	68.2	-15.87
High Channel							
5350	65.76	PK	H	-6.74	59.02	74	-14.98
5350	55.7	AV	H	-6.74	48.96	54	-5.04
5350	63.47	PK	V	-6.74	56.73	74	-17.27
5350	51.35	AV	V	-6.74	44.61	54	-9.39
10620	50.44	PK	H	2.37	52.81	74	-21.19
10620	50.37	PK	V	2.37	52.74	74	-21.26
802.11ac80							
Middle Channel							
5150	65.28	PK	H	-7.45	57.83	74	-16.17
5150	55.22	AV	H	-7.45	47.77	54	-6.23
5350	63.96	PK	H	-6.74	57.22	74	-16.78
5350	54.95	AV	H	-6.74	48.21	54	-5.79
5150	66.26	PK	V	-7.45	58.81	74	-15.19
5150	52.61	AV	V	-7.45	45.16	54	-8.84
5350	64.12	PK	V	-6.74	57.38	74	-16.62
5350	51.58	AV	V	-6.74	44.84	54	-9.16
10580	50.76	PK	H	2.18	52.94	68.2	-15.26
10580	51.4	AV	H	2.18	53.58	68.2	-14.62

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5150	65.25	PK	H	-7.45	57.8	74	-16.2
5150	52.17	AV	H	-7.45	44.72	54	-9.28
5150	64.99	PK	V	-7.45	57.54	74	-16.46
5150	52.66	AV	V	-7.45	45.21	54	-8.79
10520	50.56	PK	H	2.18	52.74	68.2	-15.46
10520	51.36	PK	V	2.18	53.54	68.2	-14.66
Middle Channel							
10560	51.44	PK	H	2.18	53.62	68.2	-14.58
10560	50.18	PK	V	2.18	52.36	68.2	-15.84
High Channel							
5350	71.13	PK	H	-6.74	64.39	74	-9.61
5350	57.13	AV	H	-6.74	50.39	54	-3.61
5350	62.93	PK	V	-6.74	56.19	74	-17.81
5350	51.4	AV	V	-6.74	44.66	54	-9.34
10640	50.2	PK	H	2.59	52.79	74	-21.21
10640	49.15	PK	V	2.59	51.74	74	-22.26
802.11ax40							
Low Channel							
5150	64.55	PK	H	-7.45	57.1	74	-16.9
5150	52.37	AV	H	-7.45	44.92	54	-9.08
5150	64.97	PK	V	-7.45	57.52	74	-16.48
5150	52.65	AV	V	-7.45	45.2	54	-8.8
10540	50.28	PK	H	2.18	52.46	68.2	-15.74
10540	51.27	PK	V	2.18	53.45	68.2	-14.75
High Channel							
5350	69.45	PK	H	-6.74	62.71	74	-11.29
5350	56.67	AV	H	-6.74	49.93	54	-4.07
5350	64.11	PK	V	-6.74	57.37	74	-16.63
5350	51.73	AV	V	-6.74	44.99	54	-9.01
10620	50.7	PK	H	2.37	53.07	74	-20.93
10620	50.72	PK	V	2.37	53.09	74	-20.91

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax80							
Middle Channel							
5150	65.03	PK	H	-7.45	57.58	74	-16.42
5150	52.34	AV	H	-7.45	44.89	54	-9.11
5350	64	PK	H	-6.74	57.26	74	-16.74
5350	55.21	AV	H	-6.74	48.47	54	-5.53
5150	64.93	PK	V	-7.45	57.48	74	-16.52
5150	51.94	AV	V	-7.45	44.49	54	-9.51
5350	63.9	PK	V	-6.74	57.16	74	-16.84
5350	51.02	AV	V	-6.74	44.28	54	-9.72
10580	51.04	PK	H	2.18	53.22	68.2	-14.98
10580	51.49	PK	V	2.18	53.67	68.2	-14.53

5470-5725MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5460	65	PK	H	-6.29	58.71	74	-15.29
5460	54.91	AV	H	-6.29	48.62	54	-5.38
5460	63.15	PK	V	-6.29	56.86	74	-17.14
5460	50.81	AV	V	-6.29	44.52	54	-9.48
5470	63.48	PK	H	-6.26	57.22	68.2	-10.98
5470	62.01	PK	V	-6.26	55.75	68.2	-12.45
11000	47.53	PK	H	4.29	51.82	74	-22.18
11000	46.8	PK	V	4.29	51.09	74	-22.91
Middle Channel							
11160	47.81	PK	H	3.5	51.31	74	-22.69
11160	49.27	PK	V	3.5	52.77	74	-21.23
High Channel							
5725	63.15	PK	H	-5.49	57.66	68.2	-10.54
5725	63.33	PK	V	-5.49	57.84	68.2	-10.36
11400	49.74	PK	H	3.32	53.06	74	-20.94
11400	50.01	PK	V	3.32	53.33	74	-20.67
Cross Channel							
11440	49.2	PK	H	3.42	52.62	74	-21.38
11440	50.06	PK	V	3.42	53.48	74	-20.52

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5460	67.4	PK	H	-6.29	61.11	74	-12.89
5460	54.78	AV	H	-6.29	48.49	54	-5.51
5460	63.4	PK	V	-6.29	57.11	74	-16.89
5460	50.93	AV	V	-6.29	44.64	54	-9.36
5470	66.51	PK	H	-6.26	60.25	68.2	-7.95
5470	63.72	PK	V	-6.26	57.46	68.2	-10.74
11000	47.2	PK	H	4.29	51.49	74	-22.51
11000	47.05	PK	V	4.29	51.34	74	-22.66
Middle Channel							
11160	48.51	PK	H	3.5	52.01	74	-21.99
11160	47.72	PK	V	3.5	51.22	74	-22.78
High Channel							
5725	62.43	PK	H	-5.49	56.94	68.2	-11.26
5725	62.66	PK	V	-5.49	57.17	68.2	-11.03
11140	50.33	PK	H	3.32	53.65	74	-20.35
11140	48.98	PK	V	3.32	52.3	74	-21.7
Cross Channel							
11440	50.02	PK	H	3.42	53.44	74	-20.56
11440	50.23	PK	V	3.42	53.65	74	-20.35

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5460	64.3	PK	H	-6.29	58.01	74	-15.99
5460	54.91	AV	H	-6.29	48.62	54	-5.38
5460	63.7	PK	V	-6.29	57.41	74	-16.59
5460	50.84	AV	V	-6.29	44.55	54	-9.45
5470	63.81	PK	H	-6.26	57.55	68.2	-10.65
5470	62.33	PK	V	-6.26	56.07	68.2	-12.13
11020	48.09	PK	H	4.1	52.19	74	-21.81
11020	46.66	PK	V	4.1	50.76	74	-23.24
Middle Channel							
11100	48.77	PK	H	3.34	52.11	74	-21.89
11100	48.48	PK	V	3.34	51.82	74	-22.18
High Channel							
5725	62.98	PK	H	-5.49	57.49	68.2	-10.71
5725	63.17	PK	V	-5.49	57.68	68.2	-10.52
11340	49.44	PK	H	3.46	52.9	74	-21.1
11340	49.82	PK	V	3.46	53.28	74	-20.72
Cross Channel							
11420	49.05	PK	H	3.37	52.42	74	-21.58
11420	50.5	PK	V	3.37	53.87	74	-20.13

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Low Channel							
5460	68.69	PK	H	-6.29	62.4	74	-11.6
5460	56.85	AV	H	-6.29	50.56	54	-3.44
5460	62.97	PK	V	-6.29	56.68	74	-17.32
5460	50.49	AV	V	-6.29	44.2	54	-9.8
5470	64.44	PK	H	-6.26	58.18	68.2	-10.02
5470	62.48	PK	V	-6.26	56.22	68.2	-11.98
11160	48.72	PK	H	3.5	52.22	74	-21.78
11160	49.75	PK	V	3.5	53.25	74	-20.75
High Channel							
5725	62.85	PK	H	-5.49	57.36	68.2	-10.84
5725	62.77	PK	V	-5.49	57.28	68.2	-10.92
11220	49.89	PK	H	3.6	53.49	74	-20.51
11220	49.11	PK	V	3.6	52.71	74	-21.29
Cross Channel							
11380	50.24	PK	H	3.360	53.6	74	-20.4
11380	50.18	PK	V	3.360	53.54	74	-20.46

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5460	68.64	PK	H	-6.29	62.35	74	-11.65
5460	56.31	AV	H	-6.29	50.02	54	-3.98
5460	63.43	PK	V	-6.29	57.14	74	-16.86
5460	51.13	AV	V	-6.29	44.84	54	-9.16
5470	67.51	PK	H	-6.26	61.25	68.2	-6.95
5470	64.71	PK	V	-6.26	58.45	68.20	-9.75
11000	47.31	PK	H	4.29	51.6	74	-22.4
11000	47.1	PK	V	4.29	51.39	74	-22.61
Middle Channel							
11160	47.94	PK	H	3.5	51.44	74	-22.56
11160	49.54	PK	V	3.5	53.04	74	-20.96
High Channel							
5725	63.34	PK	H	-5.49	57.85	68.2	-10.35
5725	62.78	PK	V	-5.49	57.29	68.2	-10.91
11400	50.51	PK	H	3.32	53.83	74	-20.17
11400	50.25	PK	V	3.32	53.57	74	-20.43
Cross Channel							
11440	49.16	PK	H	3.42	52.58	74	-21.42
11440	50.05	PK	V	3.42	53.47	74	-20.53

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5460	70.44	PK	H	-6.29	64.15	74	-9.85
5460	57.01	AV	H	-6.29	50.72	54	-3.28
5460	63.59	PK	V	-6.29	57.3	74	-16.7
5460	51.34	AV	V	-6.29	45.05	54	-8.95
5470	69.71	PK	H	-6.26	63.45	68.2	-4.75
5470	66.81	PK	V	-6.26	60.55	68.2	-7.65
11020	47.05	PK	H	4.1	51.15	74	-22.85
11020	46.5	PK	V	4.1	50.6	74	-23.4
Middle Channel							
11100	49.72	PK	H	3.34	53.06	74	-20.94
11100	49.32	PK	V	3.34	52.66	74	-21.34
High Channel							
5725	63.51	PK	H	-5.49	58.02	68.2	-10.18
5725	63.16	PK	V	-5.49	57.67	68.2	-10.53
11340	49.93	PK	H	3.46	53.39	74	-20.61
11340	50.18	PK	V	3.46	53.64	74	-20.36
Cross Channel							
11420	49.36	PK	H	3.37	52.73	74	-21.27
11420	49.91	PK	V	3.37	53.28	74	-20.72

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax80							
Low Channel							
5460	63.39	PK	H	-6.29	57.1	74	-16.9
5460	55.95	AV	H	-6.29	49.66	54	-4.34
5460	59.76	PK	V	-6.29	53.47	74	-20.53
5460	50.77	AV	V	-6.29	44.48	54	-9.52
5470	63.37	PK	H	-6.26	57.11	68.2	-11.09
5470	62.78	PK	V	-6.26	56.52	68.2	-11.68
11060	47.25	PK	H	3.71	50.96	74	-23.04
11060	48.13	PK	V	3.71	51.84	74	-22.16
High Channel							
5725	63.30	PK	H	-5.49	57.81	68.2	-10.39
5725	61.63	PK	V	-5.49	56.14	68.2	-12.06
11220	48.5	PK	H	3.6	52.1	74	-21.9
11220	49.8	PK	V	3.6	53.4	74	-20.6
Cross Channel							
11380	49.44	PK	H	3.36	52.8	74	-21.20
11380	48.94	PK	V	3.36	52.3	74	-21.70

5725-5850MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5725	62.11	PK	H	-5.49	56.62	122.2	-65.58
5725	59.94	PK	V	-5.49	54.45	122.2	-67.75
5720	61.04	PK	H	-5.53	55.51	110.8	-55.29
5720	60.6	PK	V	-5.53	55.07	110.8	-55.73
5700	60.59	PK	H	-5.72	54.87	105.2	-50.33
5700	60.55	PK	V	-5.72	54.83	105.2	-50.37
5650	62.48	PK	H	-5.86	56.62	68.2	-11.58
5650	59.95	PK	V	-5.86	54.09	68.2	-14.11
11490	48.58	PK	H	3.54	52.12	74	-21.88
11490	47.55	PK	V	3.54	51.09	74	-22.91
Middle Channel							
11570	49.57	PK	H	3.3	52.87	74	-21.13
11570	49.1	PK	V	3.3	52.4	74	-21.6
High Channel							
5850	58.03	PK	H	-4.68	53.35	122.2	-68.85
5850	58.94	PK	V	-4.68	54.26	122.2	-67.94
5855	58.71	PK	H	-4.65	54.06	110.8	-56.74
5855	58.64	PK	V	-4.65	53.99	110.8	-56.81
5875	58.09	PK	H	-4.57	53.52	105.2	-51.68
5875	58.09	PK	V	-4.57	53.52	105.2	-51.68
5925	59.17	PK	H	-4.45	54.72	68.2	-13.48
5925	59.71	PK	V	-4.45	55.26	68.2	-12.94
11650	49.4	PK	H	3.42	52.82	74	-21.18
11650	50.19	PK	V	3.42	53.61	74	-20.39

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5725	68.83	PK	H	-5.49	63.34	122.2	-58.86
5725	60.81	PK	V	-5.49	55.32	122.2	-66.88
5720	63.89	PK	H	-5.53	58.36	110.8	-52.44
5720	59.63	PK	V	-5.53	54.1	110.8	-56.7
5700	61	PK	H	-5.72	55.28	105.2	-49.92
5700	60.79	PK	V	-5.72	55.07	105.2	-50.13
5650	60.46	PK	H	-5.86	54.6	68.2	-13.6
5650	60.22	PK	V	-5.86	54.36	68.2	-13.84
11490	49.39	PK	H	3.54	52.93	74	-21.07
11490	48.89	PK	V	3.54	52.43	74	-21.57
Middle Channel							
11570	48.78	PK	H	3.3	52.08	74	-21.92
11570	48.01	PK	V	3.3	51.31	74	-22.69
High Channel							
5850	60.01	PK	H	-4.68	55.33	122.2	-66.87
5850	60.11	PK	V	-4.68	55.43	122.2	-66.77
5855	60.12	PK	H	-4.65	55.47	110.8	-55.33
5855	60.05	PK	V	-4.65	55.4	110.8	-55.4
5875	60.52	PK	H	-4.57	55.95	105.2	-49.25
5875	59.99	PK	V	-4.57	55.42	105.2	-49.78
5925	63.4	PK	H	-4.45	58.95	68.2	-9.25
5925	60.44	PK	V	-4.45	55.99	68.2	-12.21
11650	49.63	PK	H	3.42	53.05	74	-20.95
11650	49.99	PK	V	3.42	53.41	74	-20.59

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5725	67.13	PK	H	-5.49	61.64	122.2	-60.56
5725	61.97	PK	V	-5.49	56.48	122.2	-65.72
5720	63.13	PK	H	-5.53	57.6	110.8	-53.2
5720	60.59	PK	V	-5.53	55.06	110.8	-55.74
5700	61.58	PK	H	-5.72	55.86	105.2	-49.34
5700	61.33	PK	V	-5.72	55.61	105.2	-49.59
5650	61.33	PK	H	-5.86	55.47	68.2	-12.73
5650	60.75	PK	V	-5.86	54.89	68.2	-13.31
11510	48.04	PK	H	3.53	51.57	74	-22.43
11510	48.95	PK	V	3.53	52.48	74	-21.52
High Channel							
5850	59.93	PK	H	-4.68	55.25	122.2	-66.95
5850	60.08	PK	V	-4.68	55.4	122.2	-66.8
5855	59.19	PK	H	-4.65	54.54	110.8	-56.26
5855	61.01	PK	V	-4.65	56.36	110.8	-54.44
5875	60.48	PK	H	-4.57	55.91	105.2	-49.29
5875	59.54	PK	V	-4.57	54.97	105.2	-50.23
5925	63.17	PK	H	-4.45	58.72	68.2	-9.48
5925	59.11	PK	V	-4.45	54.66	68.2	-13.54
11590	48.4	PK	H	3.21	51.61	74	-22.39
11590	49.11	PK	V	3.21	52.32	74	-21.68

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Middle Channel							
5725	65.65	PK	H	-5.49	60.16	122.2	-62.04
5725	61.82	PK	V	-5.49	56.33	122.2	-65.87
5720	64.94	PK	H	-5.53	59.41	110.8	-51.39
5720	62.93	PK	V	-5.53	57.4	110.8	-53.4
5700	61.1	PK	H	-5.72	55.38	105.2	-49.82
5700	62.56	PK	V	-5.72	56.84	105.2	-48.36
5650	60.41	PK	H	-5.86	54.55	68.2	-13.65
5650	61.47	PK	V	-5.86	55.61	68.2	-12.59
5850	60.78	PK	H	-4.68	56.1	122.2	-66.1
5850	59.93	PK	V	-4.68	55.25	122.2	-66.95
5855	60.16	PK	H	-4.65	55.51	110.8	-55.29
5855	60.93	PK	V	-4.65	56.28	110.8	-54.52
5875	59.01	PK	H	-4.57	54.44	105.2	-50.76
5875	59.94	PK	V	-4.57	55.37	105.2	-49.83
5925	59.62	PK	H	-4.45	55.17	68.2	-13.03
5925	59.02	PK	V	-4.45	54.57	68.2	-13.63
11550	49.56	PK	H	3.37	52.93	74	-21.07
11550	49.72	PK	V	3.37	53.09	74	-20.91

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5725	72.7	PK	H	-5.49	67.21	122.2	-54.99
5725	63.4	PK	V	-5.49	57.91	122.2	-64.29
5720	73.9	PK	H	-5.53	68.37	110.8	-42.43
5720	63.97	PK	V	-5.53	58.44	110.8	-52.36
5700	64.66	PK	H	-5.72	58.94	105.2	-46.26
5700	64.27	PK	V	-5.72	58.55	105.2	-46.65
5650	63.26	PK	H	-5.86	57.4	68.2	-10.8
5650	63.55	PK	V	-5.86	57.69	68.2	-10.51
11490	47.27	PK	H	3.54	50.81	74	-23.19
11490	47.56	PK	V	3.54	51.1	74	-22.9
Middle Channel							
11570	49.6	PK	H	3.3	52.9	74	-21.1
11570	48.1	PK	V	3.3	51.4	74	-22.6
High Channel							
5850	61.98	PK	H	-4.68	57.3	122.2	-64.9
5850	62.63	PK	V	-4.68	57.95	122.2	-64.25
5855	63.11	PK	H	-4.65	58.46	110.8	-52.34
5855	62.37	PK	V	-4.65	57.72	110.8	-53.08
5875	63.15	PK	H	-4.57	58.58	105.2	-46.62
5875	63.1	PK	V	-4.57	58.53	105.2	-46.67
5925	64.61	PK	H	-4.45	60.16	68.2	-8.04
5925	62.46	PK	V	-4.45	58.01	68.2	-10.19
11650	49.03	PK	H	3.42	52.45	74	-21.55
11650	48.43	PK	V	3.42	51.85	74	-22.15

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5725	77.31	PK	H	-5.49	71.82	122.2	-50.38
5725	68.52	PK	V	-5.49	63.03	122.2	-59.17
5720	73.01	PK	H	-5.53	67.48	110.8	-43.32
5720	66.91	PK	V	-5.53	61.38	110.8	-49.42
5700	63.65	PK	H	-5.72	57.93	105.2	-47.27
5700	63.37	PK	V	-5.72	57.65	105.2	-47.55
5650	63.71	PK	H	-5.86	57.85	68.2	-10.35
5650	62.82	PK	V	-5.86	56.96	68.2	-11.24
11510	48.35	PK	H	3.53	51.88	74	-22.12
11510	49.55	PK	V	3.53	53.08	74	-20.92
High Channel							
5850	63.34	PK	H	-4.68	58.66	122.2	-63.54
5850	61.93	PK	V	-4.68	57.25	122.2	-64.95
5855	62.31	PK	H	-4.65	57.66	110.8	-53.14
5855	62.36	PK	V	-4.65	57.71	110.8	-53.09
5875	62.61	PK	H	-4.57	58.04	105.2	-47.16
5875	61.7	PK	V	-4.57	57.13	105.2	-48.07
5925	62.27	PK	H	-4.45	57.82	68.2	-10.38
5925	61.6	PK	V	-4.45	57.15	68.2	-11.05
11590	49.95	PK	H	3.21	53.16	74	-20.84
11590	49.7	PK	V	3.21	52.91	74	-21.09

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax80							
Middle Channel							
5725	72.55	PK	H	-5.49	67.06	122.2	-55.14
5725	66.86	PK	V	-5.49	61.37	122.2	-60.83
5720	71.11	PK	H	-5.53	65.58	110.8	-45.22
5720	66.74	PK	V	-5.53	61.21	110.8	-49.59
5700	68.28	PK	H	-5.72	62.56	105.2	-42.64
5700	63.92	PK	V	-5.72	58.2	105.2	-47
5650	63.69	PK	H	-5.86	57.83	68.2	-10.37
5650	63.38	PK	V	-5.86	57.52	68.2	-10.68
5850	68.78	PK	H	-4.68	64.1	122.2	-58.1
5850	65.07	PK	V	-4.68	60.39	122.2	-61.81
5855	67.78	PK	H	-4.65	63.13	110.8	-47.67
5855	62.16	PK	V	-4.65	57.51	110.8	-53.29
5875	62.35	PK	H	-4.57	57.78	105.2	-47.42
5875	64.82	PK	V	-4.57	60.25	105.2	-44.95
5925	62.74	PK	H	-4.45	58.29	68.2	-9.91
5925	62.1	PK	V	-4.45	57.65	68.2	-10.55
11550	48.96	PK	H	3.37	52.33	74	-21.67
11550	49.19	PK	V	3.37	52.56	74	-21.44

Note:
Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
Corrected Amplitude = Factor + Reading
Margin = Corrected. Amplitude - Limit
The other spurious emission which is in the noise floor level was not recorded.
The test result of peak was less than the limit of average, so just peak values were recorded.

For module YL7981, ANT1

5150-5250 MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5150	65.73	PK	H	-7.45	58.28	74	-15.72
5150	53.62	AV	H	-7.45	46.17	54	-7.83
5150	66.68	PK	V	-7.45	59.23	74	-14.77
5150	54	AV	V	-7.45	46.55	54	-7.45
10360	54.92	PK	H	2.53	57.45	68.2	-10.75
10360	53.73	PK	V	2.53	56.26	68.2	-11.94
Middle Channel							
10400	53.73	PK	H	2.55	56.28	68.2	-11.92
10400	53.91	PK	V	2.55	56.46	68.2	-11.74
High Channel							
5350	63.29	PK	H	-6.74	56.55	74	-17.45
5350	53.12	AV	H	-6.74	46.38	54	-7.62
5350	63.16	PK	V	-6.74	56.42	74	-17.58
5350	52.92	AV	V	-6.74	46.18	54	-7.82
10480	53	PK	H	2.25	55.25	68.2	-12.95
10480	53.04	PK	V	2.25	55.29	68.2	-12.91

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5150	65.71	PK	H	-7.45	58.26	74	-15.74
5150	54.02	AV	H	-7.45	46.57	54	-7.43
5150	64.88	PK	V	-7.45	57.43	74	-16.57
5150	53.97	AV	V	-7.45	46.52	54	-7.48
10360	54.76	PK	H	2.53	57.29	68.2	-10.91
10360	54.80	PK	V	2.53	57.33	68.2	-10.87
Middle Channel							
10400	53.91	PK	H	2.55	56.46	68.2	-11.74
10400	55.70	PK	V	2.55	58.25	68.2	-9.95
High Channel							
5350	63.07	PK	H	-6.74	56.33	74	-17.67
5350	53.02	AV	H	-6.74	46.28	54	-7.72
5350	63.99	PK	V	-6.74	57.25	74	-16.75
5350	53.1	AV	V	-6.74	46.36	54	-7.64
10480	53.97	PK	H	2.25	56.22	68.2	-11.98
10480	53.09	PK	V	2.25	55.34	68.2	-12.86

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5150	68.5	PK	H	-7.45	61.05	74	-12.95
5150	55.52	AV	H	-7.45	48.07	54	-5.93
5150	65.58	PK	V	-7.45	58.13	74	-15.87
5150	53.71	AV	V	-7.45	46.26	54	-7.74
10380	54.74	PK	H	2.54	57.28	68.2	-10.92
10380	53.68	PK	V	2.54	56.22	68.2	-11.98
High Channel							
5350	64.32	PK	H	-6.74	57.58	74	-16.42
5350	53.43	AV	H	-6.74	46.69	54	-7.31
5350	63.28	PK	V	-6.74	56.54	74	-17.46
5350	53.02	AV	V	-6.74	46.28	54	-7.72
10460	54.12	PK	H	2.32	56.44	68.2	-11.76
10460	53.04	PK	V	2.32	55.36	68.2	-12.84
802.11ac80							
Middle Channel							
5150	69.73	PK	H	-7.45	62.28	74	-11.72
5150	54.22	AV	H	-7.45	46.77	54	-7.23
5150	64.76	PK	V	-7.45	57.31	74	-16.69
5150	53.7	AV	V	-7.45	46.25	54	-7.75
5350	63.24	PK	H	-6.74	56.5	74	-17.5
5350	52.85	AV	H	-6.74	46.11	54	-7.89
5350	63.01	PK	V	-6.74	56.27	74	-17.73
5350	53.45	AV	V	-6.74	46.71	54	-7.29
10420	54.34	PK	H	2.48	56.82	68.2	-11.38
10420	53.95	PK	V	2.48	56.43	68.2	-11.77

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5150	72.75	PK	H	-7.45	65.3	74	-8.7
5150	54.57	AV	H	-7.45	47.12	54	-6.88
5150	75.56	PK	V	-7.45	68.11	74	-5.89
5150	55.37	AV	V	-7.45	47.92	54	-6.08
10360	53.9	PK	H	2.53	56.43	68.2	-11.77
10360	53.62	PK	V	2.53	56.15	68.2	-12.05
Middle Channel							
10400	53.77	PK	H	2.55	56.32	68.2	-11.88
10400	53.88	PK	V	2.55	56.43	68.2	-11.77
High Channel							
5350	63.51	PK	H	-6.74	56.77	74	-17.23
5350	53.09	AV	H	-6.74	46.35	54	-7.65
5350	62.86	PK	V	-6.74	56.12	74	-17.88
5350	52.98	AV	V	-6.74	46.24	54	-7.76
10480	54.16	PK	H	2.25	56.41	68.2	-11.79
10480	53.31	PK	V	2.25	55.56	68.2	-12.64

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5150	64.99	PK	H	-7.45	57.54	74	-16.46
5150	53.81	AV	H	-7.45	46.36	54	-7.64
5150	65.59	PK	V	-7.45	58.14	74	-15.86
5150	53.73	AV	V	-7.45	46.28	54	-7.72
10380	53.63	PK	H	2.54	56.17	68.2	-12.03
10380	53.81	PK	V	2.54	56.35	68.2	-11.85
High Channel							
5350	63.49	PK	H	-6.74	56.75	74	-17.25
5350	52.99	AV	H	-6.74	46.25	54	-7.75
5350	63.1	PK	V	-6.74	56.36	74	-17.64
5350	52.91	AV	V	-6.74	46.17	54	-7.83
10460	53.55	PK	H	2.32	55.87	68.2	-12.33
10460	53.1	PK	V	2.32	55.42	68.2	-12.78
802.11ax80							
Middle Channel							
5150	64.72	PK	H	-7.45	57.27	74	-16.73
5150	53.91	AV	H	-7.45	46.46	54	-7.54
5150	64.74	PK	V	-7.45	57.29	74	-16.71
5150	53.92	AV	V	-7.45	46.47	54	-7.53
5350	64.8	PK	H	-7.45	57.35	74	-16.65
5350	53.73	AV	H	-7.45	46.28	54	-7.72
5350	64.01	PK	V	-7.45	56.56	74	-17.44
5350	53.93	AV	V	-7.45	46.48	54	-7.52
10420	55.18	PK	H	2.48	57.66	68.2	-10.54
10420	55.09	PK	V	2.48	57.57	68.2	-10.63

5725-5850MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5725	65.71	PK	H	-5.49	60.22	122.2	-61.98
5725	63.94	PK	V	-5.49	58.45	122.2	-63.75
5720	64.89	PK	H	-5.53	59.36	110.8	-51.44
5720	65.07	PK	V	-5.53	59.54	110.8	-51.26
5700	66.00	PK	H	-5.72	60.28	105.2	-44.92
5700	65.05	PK	V	-5.72	59.33	105.2	-45.87
5650	64.03	PK	H	-5.86	58.17	68.2	-10.03
5650	64.11	PK	V	-5.86	58.25	68.2	-9.95
11490	49.79	PK	H	3.54	53.33	74	-20.67
11490	49.31	PK	V	3.54	52.85	74	-21.15
Middle Channel							
11570	50.14	PK	H	3.3	53.44	74	-20.56
11570	49.96	PK	V	3.3	53.26	74	-20.74
High Channel							
5850	62.82	PK	H	-4.68	58.14	122.2	-64.06
5850	62.90	PK	V	-4.68	58.22	122.2	-63.98
5855	63.01	PK	H	-4.65	58.36	110.8	-52.44
5855	62.90	PK	V	-4.65	58.25	110.8	-52.55
5875	63.94	PK	H	-4.57	59.37	105.2	-45.83
5875	62.79	PK	V	-4.57	58.22	105.2	-46.98
5925	62.71	PK	H	-4.45	58.26	68.2	-9.94
5925	62.87	PK	V	-4.45	58.42	68.2	-9.78
11650	49.94	PK	H	3.42	53.36	74	-20.64
11650	49.86	PK	V	3.42	53.28	74	-20.72

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave					
802.11ac20							
Low Channel							
5725	62.95	PK	H	-5.49	57.46	122.2	-64.74
5725	64.04	PK	V	-5.49	58.55	122.2	-63.65
5720	63.99	PK	H	-5.53	58.46	110.8	-52.34
5720	62.92	PK	V	-5.53	57.39	110.8	-53.41
5700	63	PK	H	-5.72	57.28	105.2	-47.92
5700	63.19	PK	V	-5.72	57.47	105.2	-47.73
5650	64.12	PK	H	-5.86	58.26	68.2	-9.94
5650	63.41	PK	V	-5.86	57.55	68.2	-10.65
11490	49.58	PK	H	3.54	53.12	74	-20.88
11490	48.74	PK	V	3.54	52.28	74	-21.72
Middle Channel							
11570	50.22	PK	H	3.3	53.52	74	-20.48
11570	50.16	PK	V	3.3	53.46	74	-20.54
High Channel							
5850	62.08	PK	H	-4.68	57.4	122.2	-64.8
5850	62.07	PK	V	-4.68	57.39	122.2	-64.81
5855	62.21	PK	H	-4.65	57.56	110.8	-53.24
5855	62.13	PK	V	-4.65	57.48	110.8	-53.32
5875	62.73	PK	H	-4.57	58.16	105.2	-47.04
5875	62.87	PK	V	-4.57	58.3	105.2	-46.9
5925	62.56	PK	H	-4.45	58.11	68.2	-10.09
5925	62.33	PK	V	-4.45	57.88	68.2	-10.32
11650	49.95	PK	H	3.42	53.37	74	-20.63
11650	49.84	PK	V	3.42	53.26	74	-20.74

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5725	63.95	PK	H	-5.49	58.46	122.2	-63.74
5725	63.76	PK	V	-5.49	58.27	122.2	-63.93
5720	64.98	PK	H	-5.53	59.45	110.8	-51.35
5720	63.79	PK	V	-5.53	58.26	110.8	-52.54
5700	62.89	PK	H	-5.72	57.17	105.2	-48.03
5700	65	PK	V	-5.72	59.28	105.2	-45.92
5650	64.28	PK	H	-5.86	58.42	68.2	-9.78
5650	65.25	PK	V	-5.86	59.39	68.2	-8.81
11510	50.03	PK	H	3.53	53.56	74	-20.44
11510	49.96	PK	V	3.53	53.49	74	-20.51
High Channel							
5850	62.93	PK	H	-4.68	58.25	122.2	-63.95
5850	62.12	PK	V	-4.68	57.44	122.2	-64.76
5855	62.79	PK	H	-4.65	58.14	110.8	-52.66
5855	61.98	PK	V	-4.65	57.33	110.8	-53.47
5875	62.75	PK	H	-4.57	58.18	105.2	-47.02
5875	63.14	PK	V	-4.57	58.57	105.2	-46.63
5925	62.81	PK	H	-4.45	58.36	68.2	-9.84
5925	62.32	PK	V	-4.45	57.87	68.2	-10.33
11590	50.03	PK	H	3.21	53.24	74	-20.76
11590	50.12	PK	V	3.21	53.33	74	-20.67

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Middle Channel							
5725	68.75	PK	H	-5.49	63.26	122.2	-58.94
5725	63.66	PK	V	-5.49	58.17	122.2	-64.03
5720	67.79	PK	H	-5.53	62.26	110.8	-48.54
5720	62.96	PK	V	-5.53	57.43	110.8	-53.37
5700	64.07	PK	H	-5.72	58.35	105.2	-46.85
5700	64.21	PK	V	-5.72	58.49	105.2	-46.71
5650	63.39	PK	H	-5.86	57.53	68.2	-10.67
5650	65.3	PK	V	-5.86	59.44	68.2	-8.76
5850	62.29	PK	H	-4.68	57.61	122.2	-64.59
5850	62.85	PK	V	-4.68	58.17	122.2	-64.03
5855	61.65	PK	H	-4.65	57	110.8	-53.8
5855	62.88	PK	V	-4.65	58.23	110.8	-52.57
5875	61.92	PK	H	-4.57	57.35	105.2	-47.85
5875	61.79	PK	V	-4.57	57.22	105.2	-47.98
5925	62.01	PK	H	-4.45	57.56	68.2	-10.64
5925	62.94	PK	V	-4.45	58.49	68.2	-9.71
11550	49.84	PK	H	3.37	53.21	74	-20.79
11550	50.79	PK	V	3.37	54.16	74	-19.84
11550	40.01	AV	V	3.37	43.38	54	-10.62

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave					
802.11ax20							
Low Channel							
5725	64.07	PK	H	-5.49	58.58	122.2	-63.62
5725	63.96	PK	V	-5.49	58.47	122.2	-63.73
5720	66.82	PK	H	-5.53	61.29	110.8	-49.51
5720	68.9	PK	V	-5.53	63.37	110.8	-47.43
5700	63.1	PK	H	-5.72	57.38	105.2	-47.82
5700	62.49	PK	V	-5.72	56.77	105.2	-48.43
5650	63.67	PK	H	-5.86	57.81	68.2	-10.39
5650	64.32	PK	V	-5.86	58.46	68.2	-9.74
11490	48.84	PK	H	3.54	52.38	74	-21.62
11490	49.73	PK	V	3.54	53.27	74	-20.73
Middle Channel							
11570	50.28	PK	H	3.3	53.58	74	-20.42
11570	50.16	PK	V	3.3	53.46	74	-20.54
High Channel							
5850	62.07	PK	H	-4.68	57.39	122.2	-64.81
5850	62.92	PK	V	-4.68	58.24	122.2	-63.96
5855	62.47	PK	H	-4.65	57.82	110.8	-52.98
5855	60.98	PK	V	-4.65	56.33	110.8	-54.47
5875	63.05	PK	H	-4.57	58.48	105.2	-46.72
5875	61.99	PK	V	-4.57	57.42	105.2	-47.78
5925	62.81	PK	H	-4.45	58.36	68.2	-9.84
5925	62	PK	V	-4.45	57.55	68.2	-10.65
11650	51.06	PK	H	3.42	54.48	74	-19.52
11650	39.11	AV	H	3.42	42.53	54	-11.47
11650	49.84	PK	V	3.42	53.26	74	-20.74

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5725	63.97	PK	H	-5.49	58.48	122.2	-63.72
5725	65.78	PK	V	-5.49	60.29	122.2	-61.91
5720	67.1	PK	H	-5.53	61.57	110.8	-49.23
5720	69.91	PK	V	-5.53	64.38	110.8	-46.42
5700	63.31	PK	H	-5.72	57.59	105.2	-47.61
5700	63.86	PK	V	-5.72	58.14	105.2	-47.06
5650	64.22	PK	H	-5.86	58.36	68.2	-9.84
5650	65.14	PK	V	-5.86	59.28	68.2	-8.92
11510	49.91	PK	H	3.53	53.44	74	-20.56
11510	49.86	PK	V	3.53	53.39	74	-20.61
High Channel							
5850	61.93	PK	H	-4.68	57.25	122.2	-64.95
5850	62.05	PK	V	-4.68	57.37	122.2	-64.83
5855	62.93	PK	H	-4.65	58.28	110.8	-52.52
5855	63.19	PK	V	-4.65	58.54	110.8	-52.26
5875	62.86	PK	H	-4.57	58.29	105.2	-46.91
5875	62.75	PK	V	-4.57	58.18	105.2	-47.02
5925	62.78	PK	H	-4.45	58.33	68.2	-9.87
5925	63.02	PK	V	-4.45	58.57	68.2	-9.63
11590	50.38	PK	H	3.21	53.59	74	-20.41
11590	50.07	PK	V	3.21	53.28	74	-20.72

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax80							
Middle Channel							
5725	63.91	PK	H	-5.49	58.42	122.2	-63.78
5725	66.53	PK	V	-5.49	61.04	122.2	-61.16
5720	64.7	PK	H	-5.53	59.17	110.8	-51.63
5720	66.05	PK	V	-5.53	60.52	110.8	-50.28
5700	63.85	PK	H	-5.72	58.13	105.2	-47.07
5700	63.82	PK	V	-5.72	58.1	105.2	-47.1
5650	64.47	PK	H	-5.86	58.61	68.2	-9.59
5650	63.38	PK	V	-5.86	57.52	68.2	-10.68
5850	62.09	PK	H	-4.68	57.41	122.2	-64.79
5850	67.31	PK	V	-4.68	62.63	122.2	-59.57
5855	62.93	PK	H	-4.65	58.28	110.8	-52.52
5855	64.11	PK	V	-4.65	59.46	110.8	-51.34
5875	62.79	PK	H	-4.57	58.22	105.2	-46.98
5875	63.13	PK	V	-4.57	58.56	105.2	-46.64
5925	61.93	PK	H	-4.45	57.48	68.2	-10.72
5925	61.81	PK	V	-4.45	57.36	68.2	-10.84
11550	49.92	PK	H	3.37	53.29	74	-20.71
11550	50.07	PK	V	3.37	53.44	74	-20.56

Note:
Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
Corrected Amplitude = Factor + Reading
Margin = Corrected. Amplitude - Limit
The other spurious emission which is in the noise floor level was not recorded.
The test result of peak was less than the limit of average, so just peak values were recorded.

For module YL7981, ANT2

5150-5250 MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5150.	64.87	PK	H	-7.45	57.42	74.00	-16.58
5150	53.01	AV	H	-7.45	45.56	54.00	-8.44
5150	66.06	PK	V	-7.45	58.61	74.00	-15.39
5150	53.75	AV	V	-7.45	46.30	54.00	-7.7
10360	51.75	PK	H	2.53	54.28	68.20	-13.92
10360	51.73	PK	V	2.53	54.26	68.20	-13.94
Middle Channel							
10400	51.17	PK	H	2.55	53.72	68.20	-14.48
10400	50.8	PK	V	2.55	53.35	68.20	-14.85
High Channel							
5350	63.01	PK	H	-6.74	56.27	74	-17.73
5350	52.81	AV	H	-6.74	46.07	54	-7.93
5350	62.12	PK	V	-6.74	55.38	74	-18.62
5350	52.51	AV	V	-6.74	45.77	54	-8.23
10480	50.21	PK	H	2.25	52.46	68.2	-15.74
10480	51.01	PK	V	2.25	53.26	68.2	-14.94

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac20							
Low Channel							
5150	65.72	PK	H	-7.45	58.27	74	-15.73
5150	53.8	AV	H	-7.45	46.35	54	-7.65
5150	63.87	PK	V	-7.45	56.42	74	-17.58
5150	52.83	AV	V	-7.45	45.38	54	-8.62
10360	50.92	PK	H	2.53	53.45	68.2	-14.75
10360	50.86	PK	V	2.53	53.39	68.2	-14.81
Middle Channel							
10400	41.97	PK	H	2.55	44.52	68.2	-23.68
10400	51.22	PK	V	2.55	53.77	68.2	-14.43
High Channel							
5350	63.16	PK	H	-6.74	56.42	74	-17.58
5350	53.09	AV	H	-6.74	46.35	54	-7.65
5350	63.26	PK	V	-6.74	56.52	74	-17.48
5350	52.49	AV	V	-6.74	45.75	54	-8.25
10480	50.11	PK	H	2.25	52.36	68.2	-15.84
10480	51.03	PK	V	2.25	53.28	68.2	-14.92
802.11ac40							
Low Channel							
5150	66.9	PK	H	-7.45	59.45	74	-14.55
5150	55	AV	H	-7.45	47.55	54	-6.45
5150	64.77	PK	V	-7.45	57.32	74	-16.68
5150	53.73	AV	V	-7.45	46.28	54	-7.72
10380	50.82	PK	H	2.54	53.36	68.2	-14.84
10380	50.71	PK	V	2.54	53.25	68.2	-14.95
High Channel							
5350	63.22	PK	H	-6.74	56.48	74	-17.52
5350	52.87	AV	H	-6.74	46.13	54	-7.87
5350	63.02	PK	V	-6.74	56.28	74	-17.72
5350	52.2	AV	V	-6.74	45.46	54	-8.54
10460	50.23	PK	H	2.32	52.55	68.2	-15.65
10460	50.94	PK	V	2.32	53.26	68.2	-14.94

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Middle Channel							
5150	70.02	PK	H	-7.45	62.57	74	-11.43
5150	53.95	AV	H	-7.45	46.5	54	-7.5
5150	63.81	PK	V	-7.45	56.36	74	-17.64
5150	53.3	AV	V	-7.45	45.85	54	-8.15
5350	62.96	PK	H	-6.74	56.22	74	-17.78
5350	52.77	AV	H	-6.74	46.03	54	-7.97
5350	62.86	PK	V	-6.74	56.12	74	-17.88
5350	53.32	AV	V	-6.74	46.58	54	-7.42
10420	50.93	PK	H	2.48	53.41	68.2	-14.79
10420	50.85	PK	V	2.48	53.33	68.2	-14.87
802.11ax20							
Low Channel							
5150	71.69	PK	H	-7.45	64.24	74	-9.76
5150	54.26	AV	H	-7.45	46.81	54	-7.19
5150	75	PK	V	-7.45	67.55	74	-6.45
5150	53.88	AV	V	-7.45	46.43	54	-7.57
10360	50.74	PK	H	2.53	53.27	68.2	-14.93
10360	50.83	PK	V	2.53	53.36	68.2	-14.84
Middle Channel							
10400	51.7	PK	H	2.55	54.25	68.2	-13.95
10400	51.78	PK	V	2.55	54.33	68.2	-13.87
High Channel							
5350	63.02	PK	H	-6.74	56.28	74	-17.72
5350	52.1	AV	H	-6.74	45.36	54	-8.64
5350	62.02	PK	V	-6.74	55.28	74	-18.72
5350	52.2	AV	V	-6.74	45.46	54	-8.54
10480	49	PK	H	2.25	51.25	68.2	-16.95
10480	51.11	PK	V	2.25	53.36	68.2	-14.84

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5150	65.58	PK	H	-7.45	58.13	74	-15.87
5150	53.73	AV	H	-7.45	46.28	54	-7.72
5150	65.58	PK	V	-7.45	58.13	74	-15.87
5150	54.01	AV	V	-7.45	46.56	54	-7.44
10380	51.12	PK	H	2.54	53.66	68.2	-14.54
10380	50.47	PK	V	2.54	53.01	68.2	-15.19
High Channel							
5350	63.19	PK	H	-6.74	56.45	74	-17.55
5350	53	AV	H	-6.74	46.26	54	-7.74
5350	63.04	PK	V	-6.74	56.3	74	-17.7
5350	52.51	AV	V	-6.74	45.77	54	-8.23
10460	50.03	PK	H	2.32	52.35	68.2	-15.85
10460	49.88	PK	V	2.32	52.2	68.2	-16
802.11ax80							
Middle Channel							
5150	63.87	PK	H	-7.45	56.42	74	-17.58
5150	54.78	AV	H	-7.45	47.33	54	-6.67
5150	65.03	PK	V	-7.45	57.58	74	-16.42
5150	53.29	AV	V	-7.45	45.84	54	-8.16
5350	64.16	PK	H	-6.74	57.42	74	-16.58
5350	53.51	AV	H	-6.74	46.77	54	-7.23
5350	63.25	PK	V	-6.74	56.51	74	-17.49
5350	53.17	AV	V	-6.74	46.43	54	-7.57
10420	51.06	PK	H	2.48	53.54	68.2	-14.66
10420	50.92	PK	V	2.48	53.4	68.2	-14.8

5725-5850MHz

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11a							
Low Channel							
5725	62.69	PK	H	-5.49	57.2	122.2	-65
5725	64.27	PK	V	-5.49	58.78	122.2	-63.42
5720	63.02	PK	H	-5.53	57.49	110.8	-53.31
5720	62.79	PK	V	-5.53	57.26	110.8	-53.54
5700	64.2	PK	H	-5.72	58.48	105.2	-46.72
5700	63.27	PK	V	-5.72	57.55	105.2	-47.65
5650	63.35	PK	H	-5.86	57.49	68.2	-10.71
5650	63.42	PK	V	-5.86	57.56	68.2	-10.64
11490	47.04	PK	H	3.54	50.58	74	-23.42
11490	46.9	PK	V	3.54	50.44	74	-23.56
Middle Channel							
11570	47.88	PK	H	3.3	51.18	74	-22.82
11570	48.98	PK	V	3.3	52.28	74	-21.72
High Channel							
5850	63.13	PK	H	-4.68	58.45	122.2	-63.75
5850	62.11	PK	V	-4.68	57.43	122.2	-64.77
5855	61.42	PK	H	-4.65	56.77	110.8	-54.03
5855	61.93	PK	V	-4.65	57.28	110.8	-53.52
5875	62.08	PK	H	-4.57	57.51	105.2	-47.69
5875	62.73	PK	V	-4.57	58.16	105.2	-47.04
5925	61.23	PK	H	-4.45	56.78	68.2	-11.42
5925	61.71	PK	V	-4.45	57.26	68.2	-10.94
11650	49.91	PK	H	3.42	53.33	74	-20.67
11650	48.86	PK	V	3.42	52.28	74	-21.72

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave					
802.11ac20							
Low Channel							
5725	63.08	PK	H	-5.49	57.59	122.2	-64.61
5725	62.91	PK	V	-5.49	57.42	122.2	-64.78
5720	62.89	PK	H	-5.53	57.36	110.8	-53.44
5720	62.7	PK	V	-5.53	57.17	110.8	-53.63
5700	63.83	PK	H	-5.72	58.11	105.2	-47.09
5700	62.98	PK	V	-5.72	57.26	105.2	-47.94
5650	63.35	PK	H	-5.86	57.49	68.2	-10.71
5650	63.45	PK	V	-5.86	57.59	68.2	-10.61
11490	46.93	PK	H	3.54	50.47	74	-23.53
11490	47.81	PK	V	3.54	51.35	74	-22.65
Middle Channel							
11570	47.98	PK	H	3.3	51.28	74	-22.72
11570	47.87	PK	V	3.3	51.17	74	-22.83
High Channel							
5850	61.12	PK	H	-4.68	56.44	122.2	-65.76
5850	61.93	PK	V	-4.68	57.25	122.2	-64.95
5855	62.81	PK	H	-4.65	58.16	110.8	-52.64
5855	62.02	PK	V	-4.65	57.37	110.8	-53.43
5875	61.82	PK	H	-4.57	57.25	105.2	-47.95
5875	62.84	PK	V	-4.57	58.27	105.2	-46.93
5925	60.91	PK	H	-4.45	56.46	68.2	-11.74
5925	61.87	PK	V	-4.45	57.42	68.2	-10.78
11650	49.43	PK	H	3.42	52.85	74	-21.15
11650	48	PK	V	3.42	51.42	74	-22.58

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac40							
Low Channel							
5725	63.86	PK	H	-5.49	58.37	122.2	-63.83
5725	63.05	PK	V	-5.49	57.56	122.2	-64.64
5720	64.11	PK	H	-5.53	58.58	110.8	-52.22
5720	63.33	PK	V	-5.53	57.8	110.8	-53
5700	64.06	PK	H	-5.72	58.34	105.2	-46.86
5700	63.54	PK	V	-5.72	57.82	105.2	-47.38
5650	62.57	PK	H	-5.86	56.71	68.2	-11.49
5650	63.46	PK	V	-5.86	57.6	68.2	-10.6
11510	48.24	PK	H	3.53	51.77	74	-22.23
11510	48.32	PK	V	3.53	51.85	74	-22.15
High Channel							
5850	62.38	PK	H	-4.68	57.7	122.2	-64.5
5850	61.14	PK	V	-4.68	56.46	122.2	-65.74
5855	61.84	PK	H	-4.65	57.19	110.8	-53.61
5855	62.23	PK	V	-4.65	57.58	110.8	-53.22
5875	62.45	PK	H	-4.57	57.88	105.2	-47.32
5875	62.24	PK	V	-4.57	57.67	105.2	-47.53
5925	61.59	PK	H	-4.45	57.14	68.2	-11.06
5925	61.64	PK	V	-4.45	57.19	68.2	-11.01
11590	48.97	PK	H	3.21	52.18	74	-21.82
11590	49.48	PK	V	3.21	52.69	74	-21.31

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ac80							
Middle Channel							
5725	63.01	PK	H	-5.49	57.52	122.2	-64.68
5725	63.73	PK	V	-5.49	58.24	122.2	-63.96
5720	62.86	PK	H	-5.53	57.33	110.8	-53.47
5720	63.35	PK	V	-5.53	57.82	110.8	-52.98
5700	63.11	PK	H	-5.72	57.39	105.2	-47.81
5700	63.17	PK	V	-5.72	57.45	105.2	-47.75
5650	63.44	PK	H	-5.86	57.58	68.2	-10.62
5650	63.23	PK	V	-5.86	57.37	68.2	-10.83
5850	60.91	PK	H	-4.68	56.23	122.2	-65.97
5850	62.12	PK	V	-4.68	57.44	122.2	-64.76
5855	62.56	PK	H	-4.65	57.91	110.8	-52.89
5855	62.05	PK	V	-4.65	57.4	110.8	-53.4
5875	61.75	PK	H	-4.57	57.18	105.2	-48.02
5875	62.23	PK	V	-4.57	57.66	105.2	-47.54
5925	61.92	PK	H	-4.45	57.47	68.2	-10.73
5925	62.77	PK	V	-4.45	58.32	68.2	-9.88
11550	48.72	PK	H	3.37	52.09	74	-21.91
11550	48.74	PK	V	3.37	52.11	74	-21.89

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax20							
Low Channel							
5725	62.73	PK	H	-5.49	57.24	122.2	-64.96
5725	62.05	PK	V	-5.49	56.56	122.2	-65.64
5720	63.31	PK	H	-5.53	57.78	110.8	-53.02
5720	63.09	PK	V	-5.53	57.56	110.8	-53.24
5700	63.2	PK	H	-5.72	57.48	105.2	-47.72
5700	63.13	PK	V	-5.72	57.41	105.2	-47.79
5650	62.63	PK	H	-5.86	56.77	68.2	-11.43
5650	62.12	PK	V	-5.86	56.26	68.2	-11.94
11490	47.89	PK	H	3.54	51.43	74	-22.57
11490	47.04	PK	V	3.54	50.58	74	-23.42
Middle Channel							
11570	48.16	PK	H	3.3	51.46	74	-22.54
11570	49.05	PK	V	3.3	52.35	74	-21.65
High Channel							
5850	61.56	PK	H	-4.68	56.88	122.2	-65.32
5850	62.43	PK	V	-4.68	57.75	122.2	-64.45
5855	61.11	PK	H	-4.65	56.46	110.8	-54.34
5855	61.97	PK	V	-4.65	57.32	110.8	-53.48
5875	61.82	PK	H	-4.57	57.25	105.2	-47.95
5875	61.73	PK	V	-4.57	57.16	105.2	-48.04
5925	62.83	PK	H	-4.45	58.38	68.2	-9.82
5925	61.91	PK	V	-4.45	57.46	68.2	-10.74
11650	48.3	PK	H	3.42	51.72	74	-22.28
11650	48.79	PK	V	3.42	52.21	74	-21.79

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax40							
Low Channel							
5725	62.29	PK	H	-5.49	56.8	122.2	-65.4
5725	62.6	PK	V	-5.49	57.11	122.2	-65.09
5720	62.3	PK	H	-5.53	56.77	110.8	-54.03
5720	61.99	PK	V	-5.53	56.46	110.8	-54.34
5700	63.04	PK	H	-5.72	57.32	105.2	-47.88
5700	63.22	PK	V	-5.72	57.5	105.2	-47.7
5650	62.32	PK	H	-5.86	56.46	68.2	-11.74
5650	63.14	PK	V	-5.86	57.28	68.2	-10.92
11510	48.19	PK	H	3.53	51.72	74	-22.28
11510	47.8	PK	V	3.53	51.33	74	-22.67
High Channel							
5850	61.93	PK	H	-4.68	57.25	122.2	-64.95
5850	61.82	PK	V	-4.68	57.14	122.2	-65.06
5855	61.98	PK	H	-4.65	57.33	110.8	-53.47
5855	62.81	PK	V	-4.65	58.16	110.8	-52.64
5875	60.83	PK	H	-4.57	56.26	105.2	-48.94
5875	62.71	PK	V	-4.57	58.14	105.2	-47.06
5925	62.82	PK	H	-4.45	58.37	68.2	-9.83
5925	62.70	PK	V	-4.45	58.25	68.2	-9.95
11590	48.07	PK	H	3.21	51.28	74	-22.72
11590	49.01	PK	V	3.21	52.22	74	-21.78

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
802.11ax80							
Middle Channel							
5725	62.63	PK	H	-5.49	57.14	122.2	-65.06
5725	63.05	PK	V	-5.49	57.56	122.2	-64.64
5720	63.88	PK	H	-5.53	58.35	110.8	-52.45
5720	63.67	PK	V	-5.53	58.14	110.8	-52.66
5700	62.87	PK	H	-5.72	57.15	105.2	-48.05
5700	62.94	PK	V	-5.72	57.22	105.2	-47.98
5650	63.22	PK	H	-5.86	57.36	68.2	-10.84
5650	63.11	PK	V	-5.86	57.25	68.2	-10.95
5850	61.82	PK	H	-4.68	57.14	122.2	-65.06
5850	61.78	PK	V	-4.68	57.1	122.2	-65.1
5855	62.2	PK	H	-4.65	57.55	110.8	-53.25
5855	61.89	PK	V	-4.65	57.24	110.8	-53.56
5875	60.93	PK	H	-4.57	56.36	105.2	-48.84
5875	61.74	PK	V	-4.57	57.17	105.2	-48.03
5925	61.73	PK	H	-4.45	57.28	68.2	-10.92
5925	61.89	PK	V	-4.45	57.44	68.2	-10.76
11550	47.99	PK	H	3.37	51.36	74	-22.64
11550	47.88	PK	V	3.37	51.25	74	-22.75

Note:
Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
Corrected Amplitude = Factor + Reading
Margin = Corrected. Amplitude - Limit
The other spurious emission which is in the noise floor level was not recorded.
The test result of peak was less than the limit of average, so just peak values were recorded.

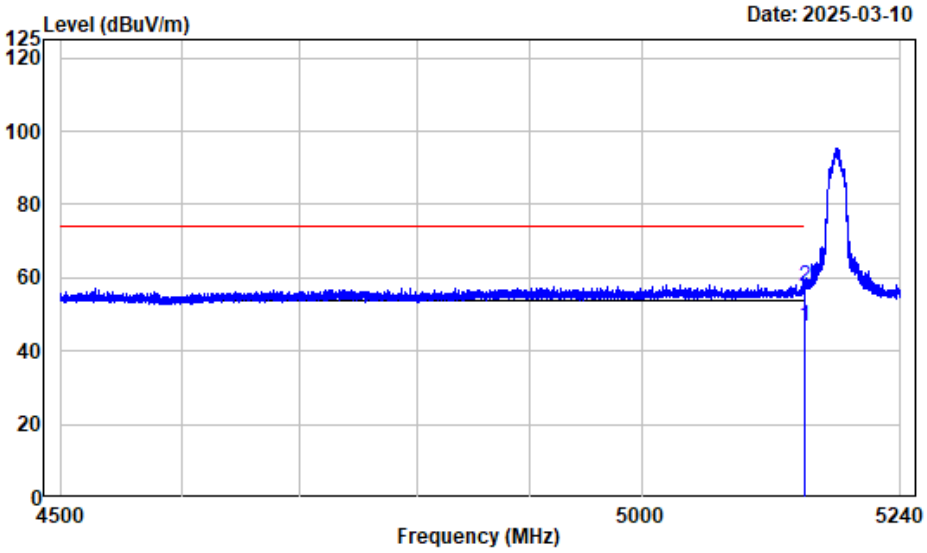
Test plots:

Band Edge (Listed with the worst margin test plots)

For module YL43752:

5150-5250 MHz:

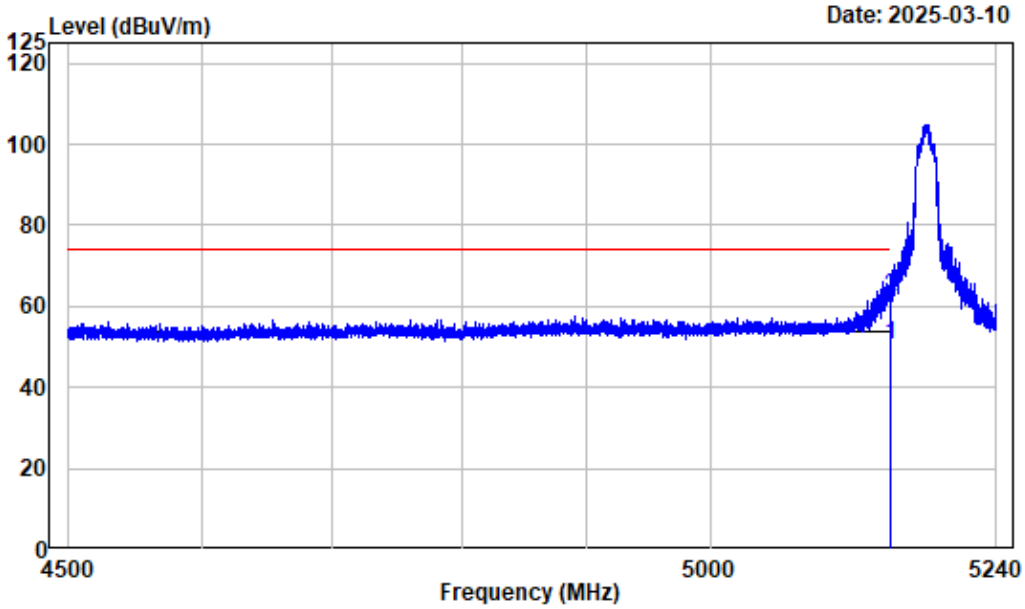
Left Band edge_Horizontal_ANT1_-A-5180



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-A-5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.45	53.92	46.47	54.00	-7.53	Average
2	5150.000	-7.45	65.00	57.55	74.00	-16.45	Peak

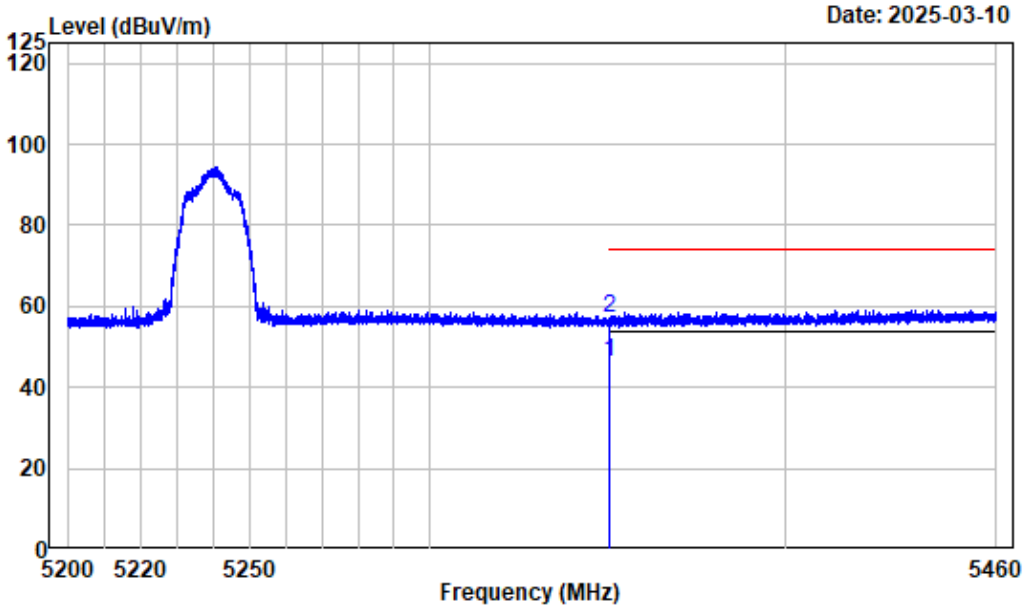
Left Band edge_Vertical_ANT1_-A-5180



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-A-5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.45	57.91	50.46	54.00	-3.54	Average
2	5150.000	-7.45	69.77	62.32	74.00	-11.68	Peak

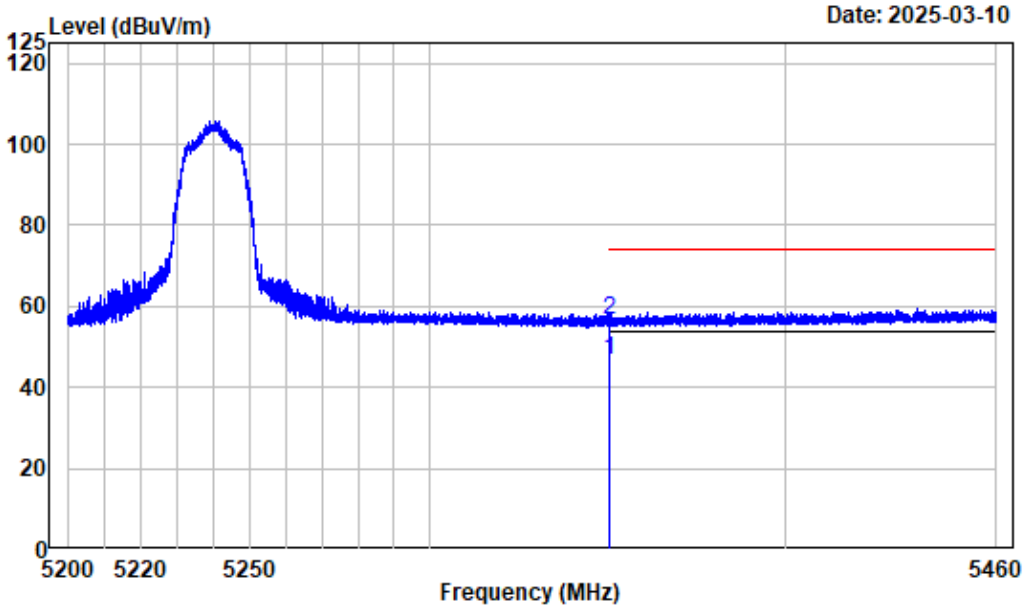
Right Band edge_Horizontal_ANT1_-A-5240



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-A-5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	53.06	46.32	54.00	-7.68	Average
2	5350.000	-6.74	63.61	56.87	74.00	-17.13	Peak

Right Band edge_Vertical_ANT1_-A-5240

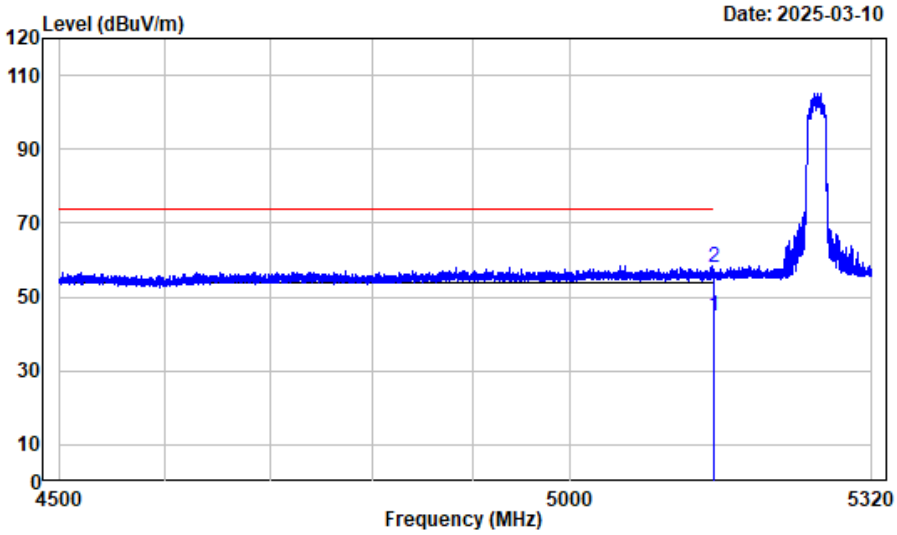


Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-A-5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	53.61	46.87	54.00	-7.13	Average
2	5350.000	-6.74	63.20	56.46	74.00	-17.54	Peak

5250-5350MHz:

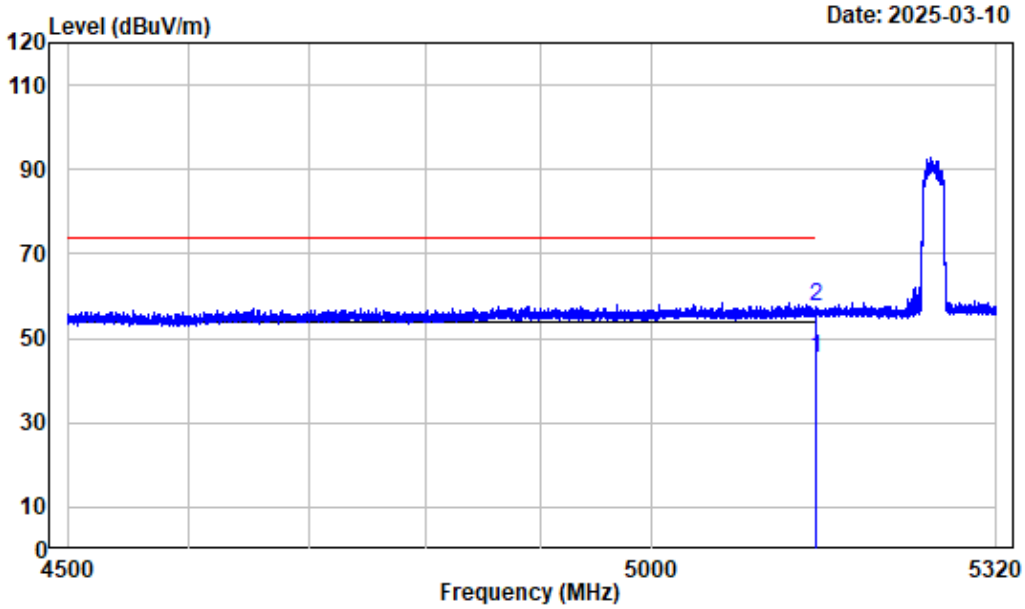
Left Band edge_Horizontal_ANT2-ax20-5260



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT2-Band2-AX20-5260

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.45	52.17	44.72	54.00	-9.28	Average
2	5150.000	-7.45	65.25	57.80	74.00	-16.20	Peak

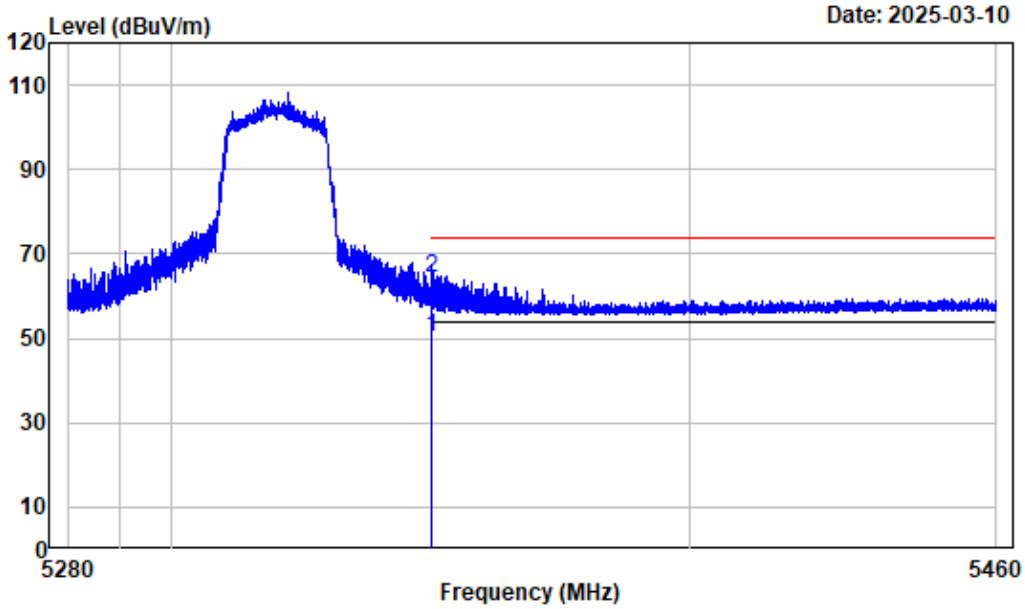
Left Band edge_ Vertical_ ANT2-ax20-5260



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT2-Band2-AX20-5260

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.45	52.66	45.21	54.00	-8.79	Average
2	5150.000	-7.45	64.99	57.54	74.00	-16.46	Peak

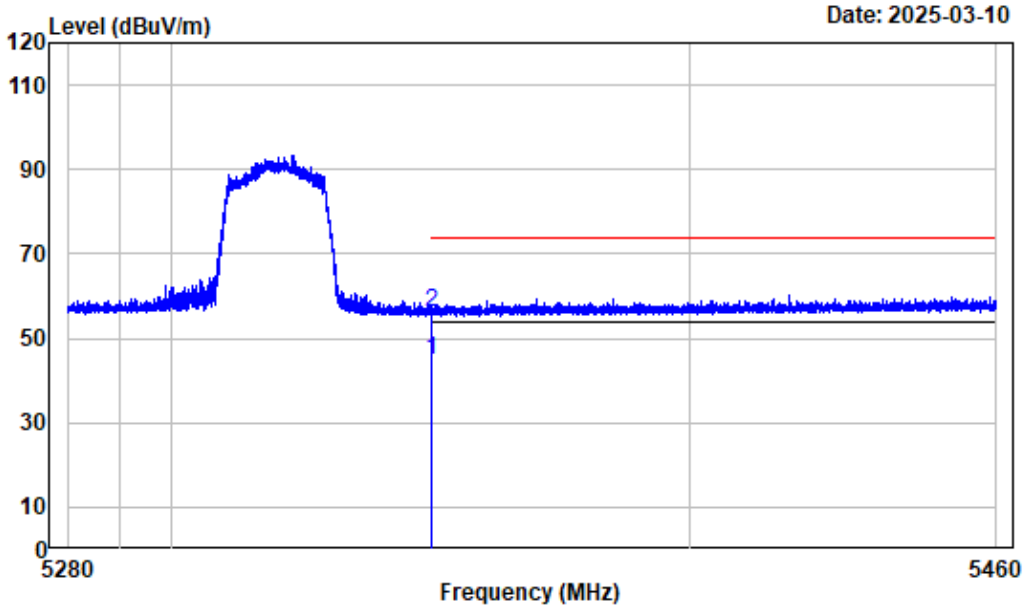
Right Band edge_ Horizontal_ ANT2-ax20-5320



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT2-Band2-AX20-5320

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	57.13	50.39	54.00	-3.61	Average
2	5350.000	-6.74	71.13	64.39	74.00	-9.61	Peak

Right Band edge_Vertical_ANT2-ax20-5320

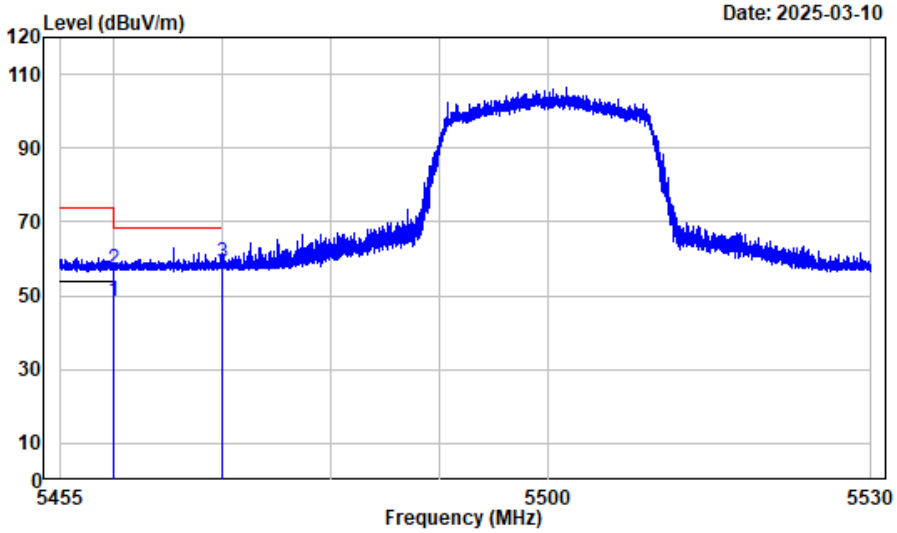


Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT2-Band2-AX20-5320

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.40	44.66	54.00	-9.34	Average
2	5350.000	-6.74	62.93	56.19	74.00	-17.81	Peak

5470-5725MHz:

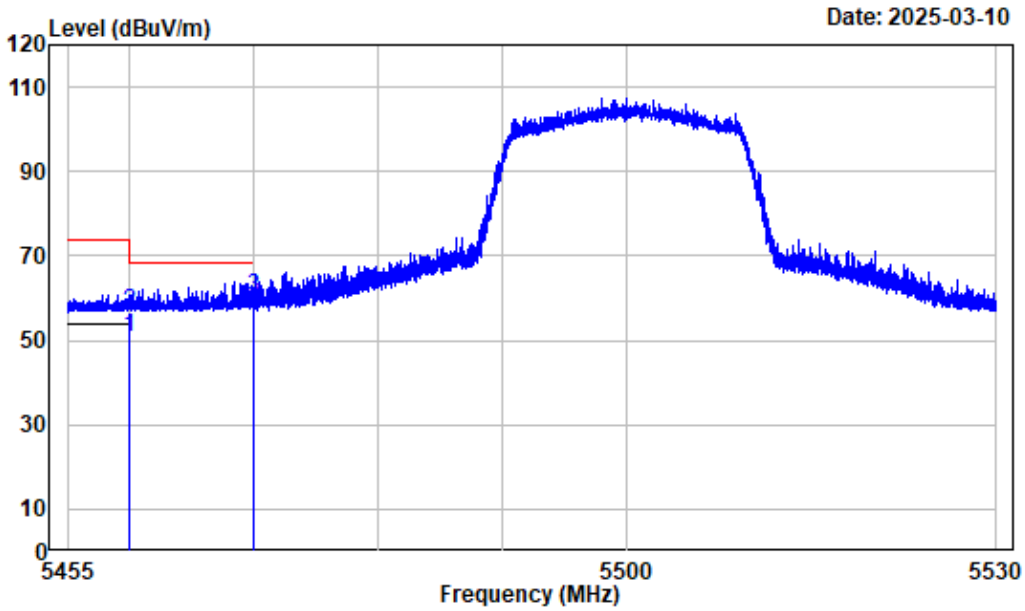
Left Band edge_Horizontal_ANT1-ax20-5500



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band3-AX20-5500

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.29	54.83	48.54	54.00	-5.46	Average
2	5460.000	-6.29	63.33	57.04	74.00	-16.96	Peak
3	5470.000	-6.26	65.02	58.76	68.20	-9.44	Peak

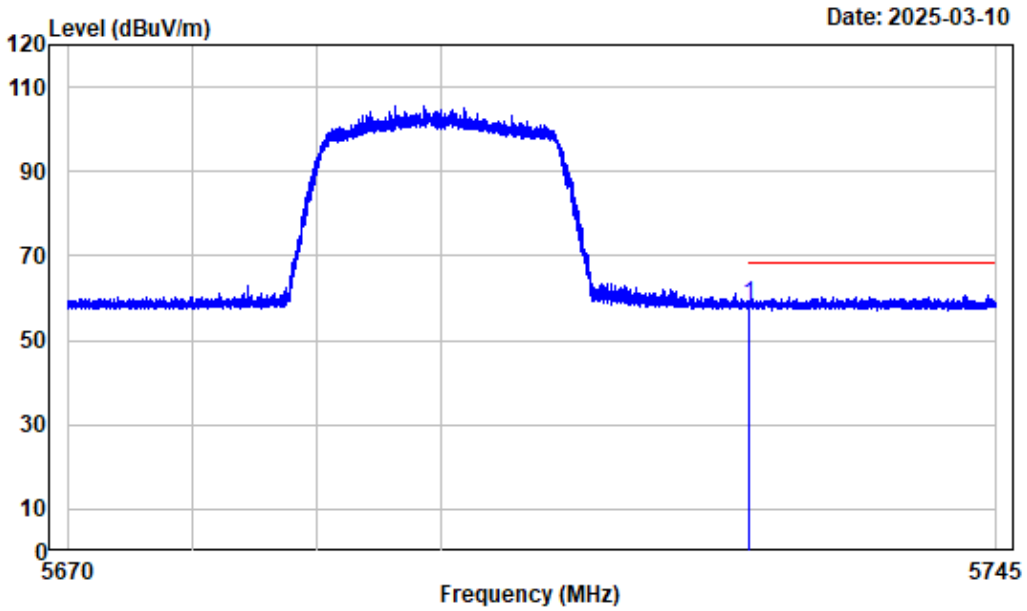
Left Band edge_Vertical_ANT1-ax20-5500



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band3-AX20-5500

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.29	57.05	50.76	54.00	-3.24	Average
2	5460.000	-6.29	63.07	56.78	74.00	-17.22	Peak
3	5470.000	-6.26	66.57	60.31	68.20	-7.89	Peak

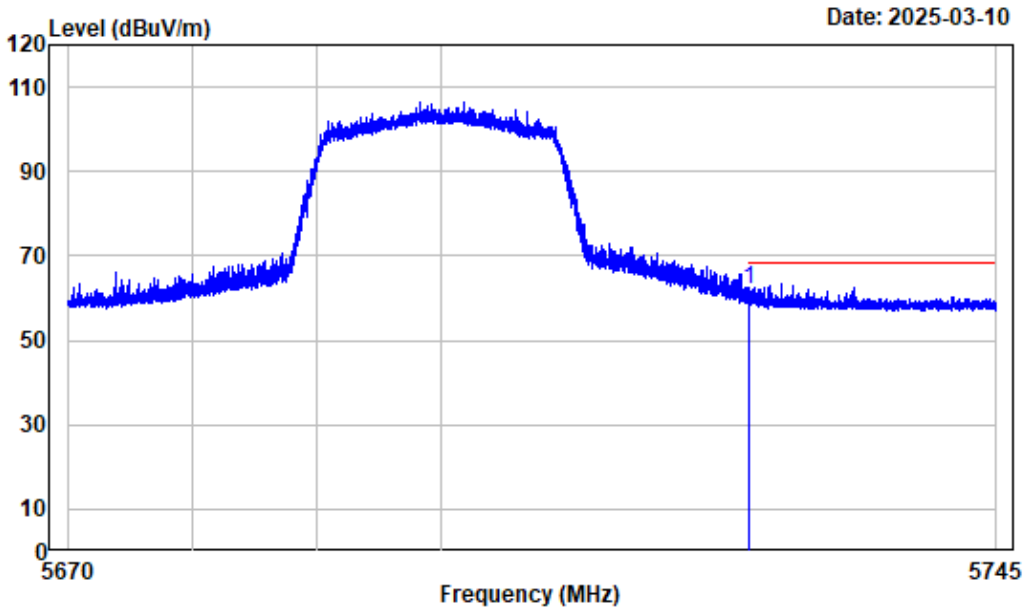
Right Band edge_Horizontal_ANT1-ax20-5700



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band3-AX20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5725.000	-5.49	64.00	58.51	68.20	-9.69	Peak

Right Band edge_Vertical_ANT1-ax20-5700

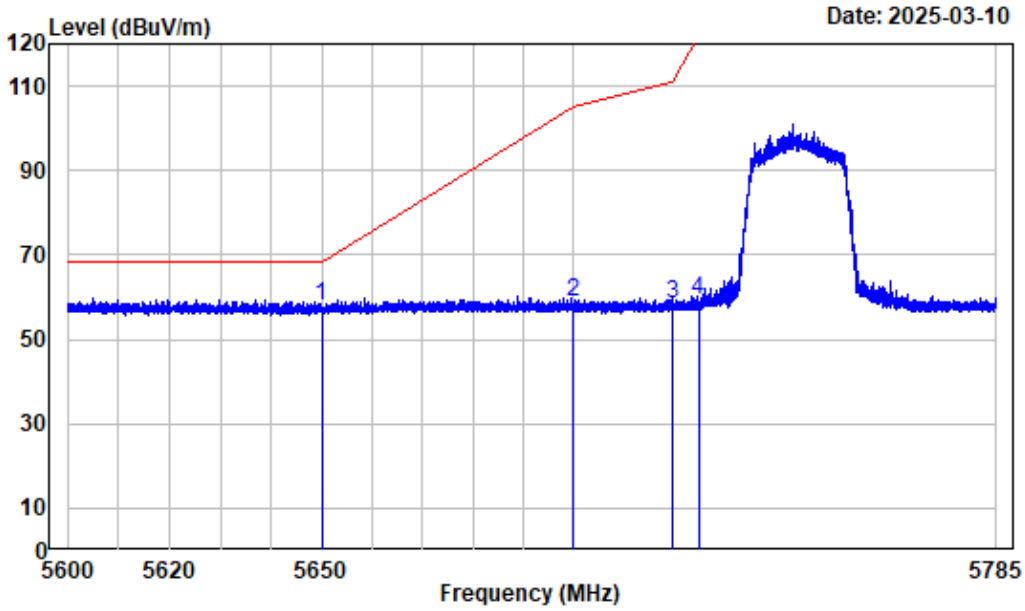


Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band3-AX20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5725.000	-5.49	67.43	61.94	68.20	-6.26	Peak

5725-5850MHz:

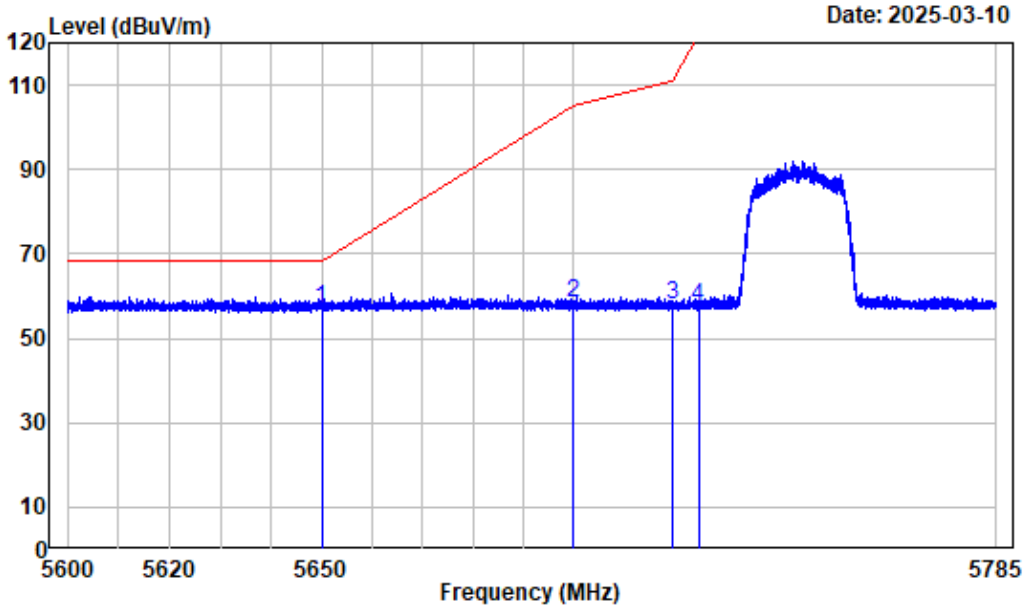
Left Band edge_Horizontal_ANT1-ax20-5745



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AX20-5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.86	63.98	58.12	68.20	-10.08	Peak
2	5700.000	-5.72	64.53	58.81	105.20	-46.39	Peak
3	5720.000	-5.53	63.93	58.40	110.80	-52.40	Peak
4	5725.000	-5.49	64.91	59.42	122.20	-62.78	Peak

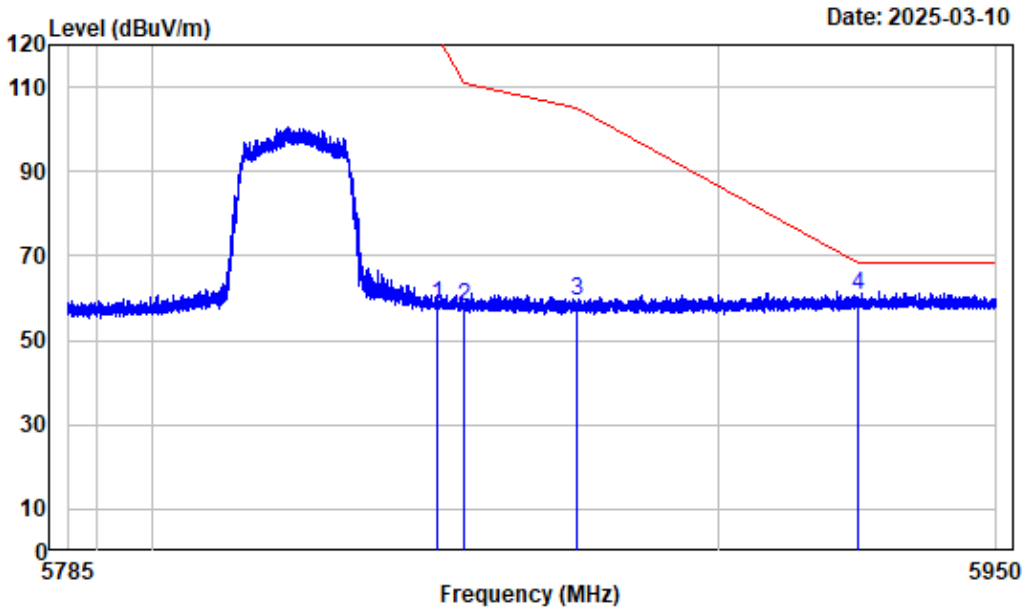
Left Band edge_Vertical_ANT1-ax20-5745



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AX20-5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.86	63.07	57.21	68.20	-10.99	Peak
2	5700.000	-5.72	64.04	58.32	105.20	-46.88	Peak
3	5720.000	-5.53	63.50	57.97	110.80	-52.83	Peak
4	5725.000	-5.49	62.86	57.37	122.20	-64.83	Peak

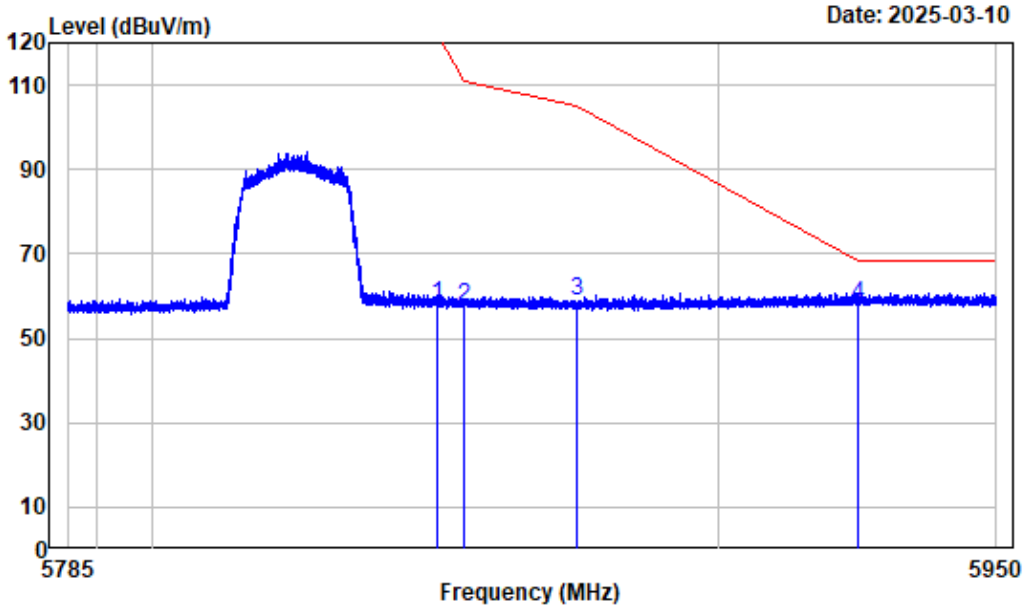
Right Band edge_Horizontal_ANT1-ax20-5825



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-4.68	63.22	58.54	122.20	-63.66	Peak
2	5855.000	-4.65	62.47	57.82	110.80	-52.98	Peak
3	5875.000	-4.57	63.83	59.26	105.20	-45.94	Peak
4	5925.000	-4.45	65.34	60.89	68.20	-7.31	Peak

Right Band edge_Vertical_ANT1-ax20-5825



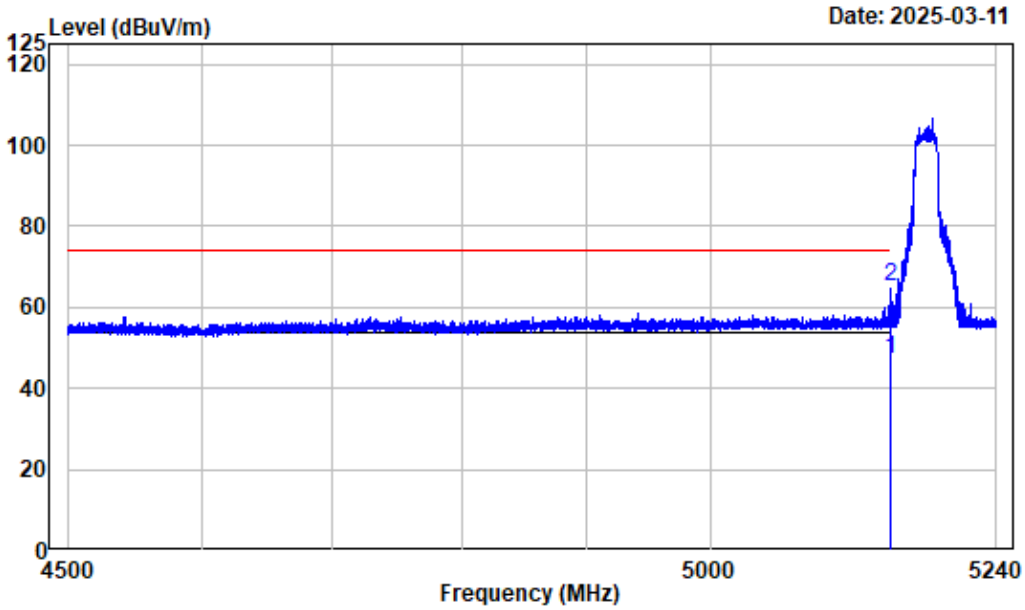
Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-4.68	62.78	58.10	122.20	-64.10	Peak
2	5855.000	-4.65	62.34	57.69	110.80	-53.11	Peak
3	5875.000	-4.57	63.21	58.64	105.20	-46.56	Peak
4	5925.000	-4.45	62.58	58.13	68.20	-10.07	Peak

For module YL7981

5150-5250 MHz:

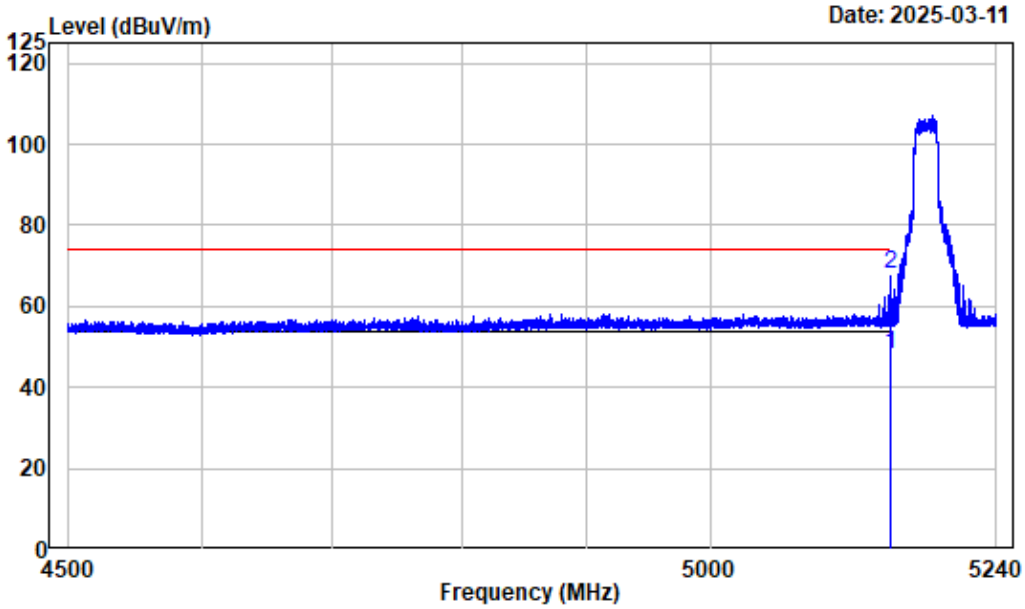
Left Band edge_Horizontal_ANT1-ax20-5180



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AX20-5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.45	54.57	47.12	54.00	-6.88	Average
2	5150.000	-7.45	72.75	65.30	74.00	-8.70	Peak

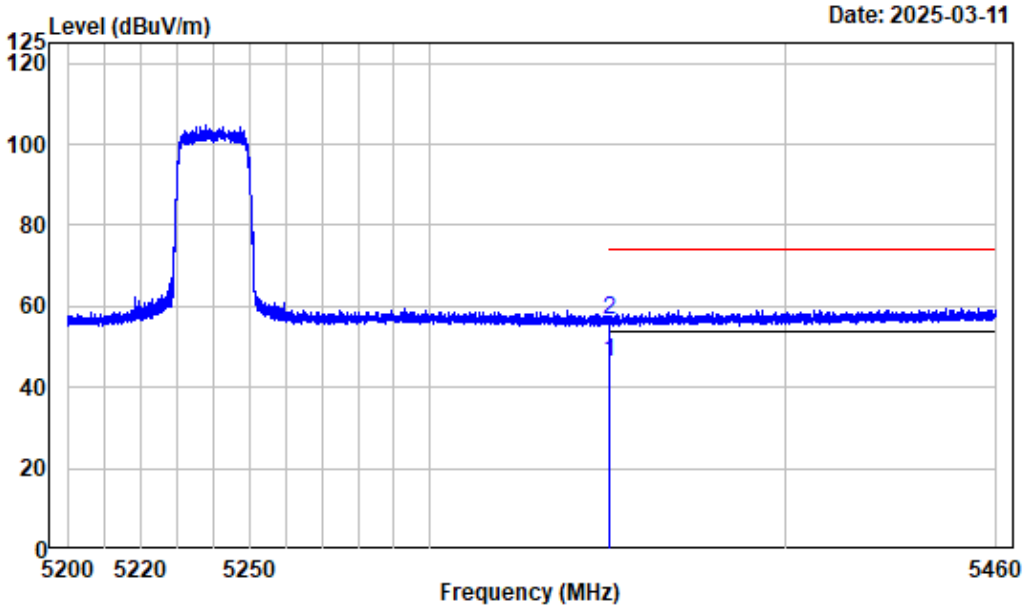
Left Band edge_Vertical_ANT1-ax20-5180



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AX20-5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.45	55.37	47.92	54.00	-6.08	Average
2	5150.000	-7.45	75.56	68.11	74.00	-5.89	Peak

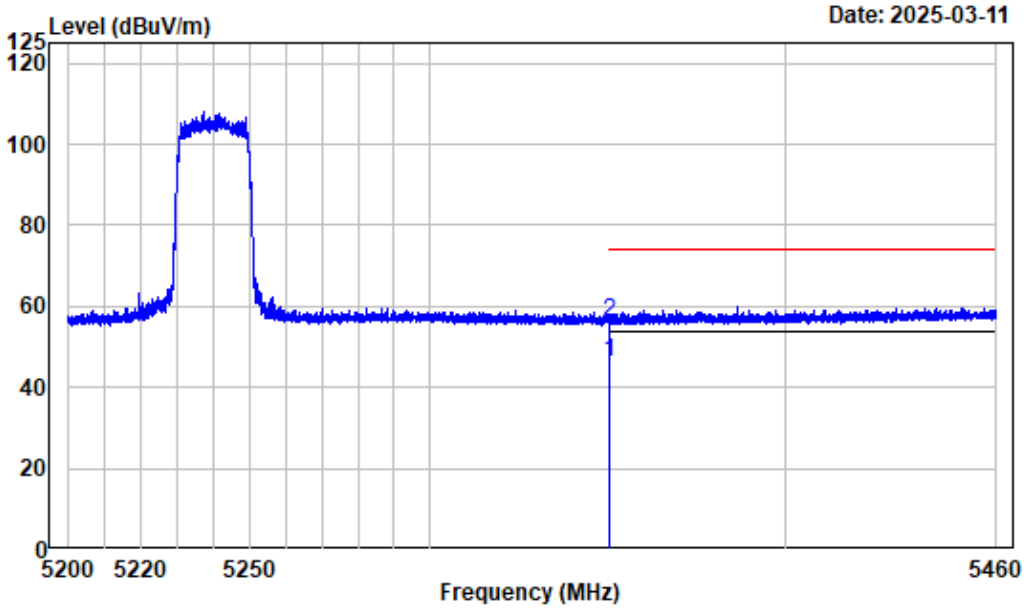
Right Band edge_Horizontal_ANT1-ax20-5240



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AX20-5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	53.09	46.35	54.00	-7.65	Average
2	5350.000	-6.74	63.51	56.77	74.00	-17.23	Peak

Right Band edge_Vertical_ANT1-ax20-5240

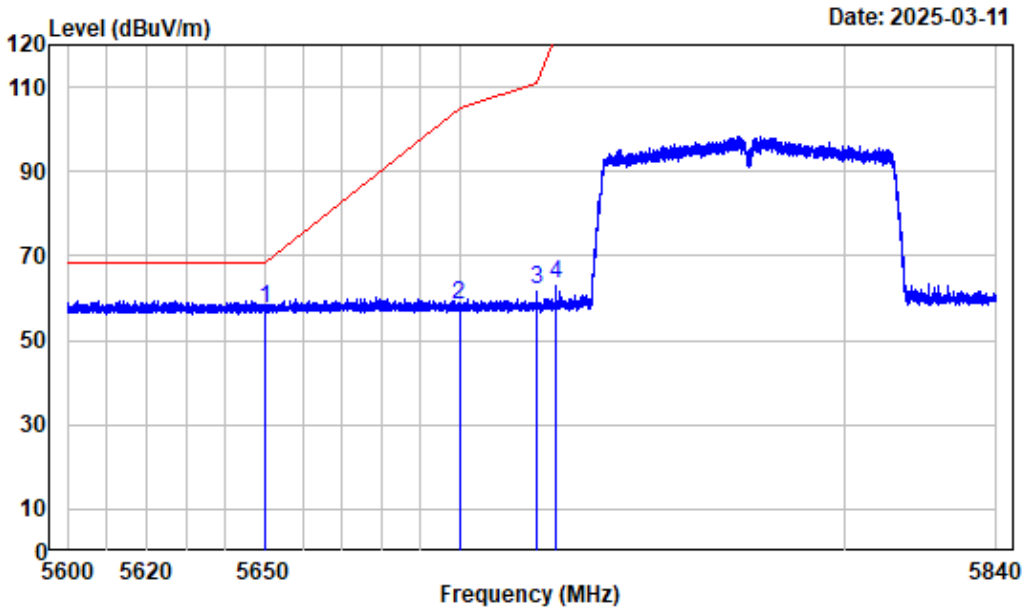


Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AX20-5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	52.98	46.24	54.00	-7.76	Average
2	5350.000	-6.74	62.86	56.12	74.00	-17.88	Peak

5725-5850MHz:

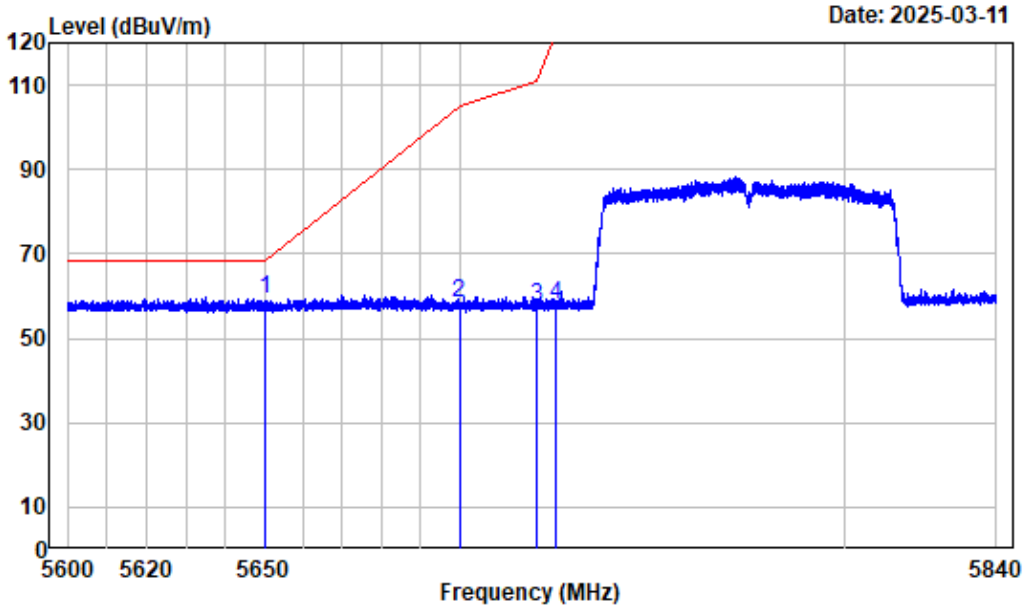
Left Band edge Horizontal ANT1 ac80-5775



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.86	63.39	57.53	68.20	-10.67	Peak
2	5700.000	-5.72	64.07	58.35	105.20	-46.85	Peak
3	5720.000	-5.53	67.79	62.26	110.80	-48.54	Peak
4	5725.000	-5.49	68.75	63.26	122.20	-58.94	Peak

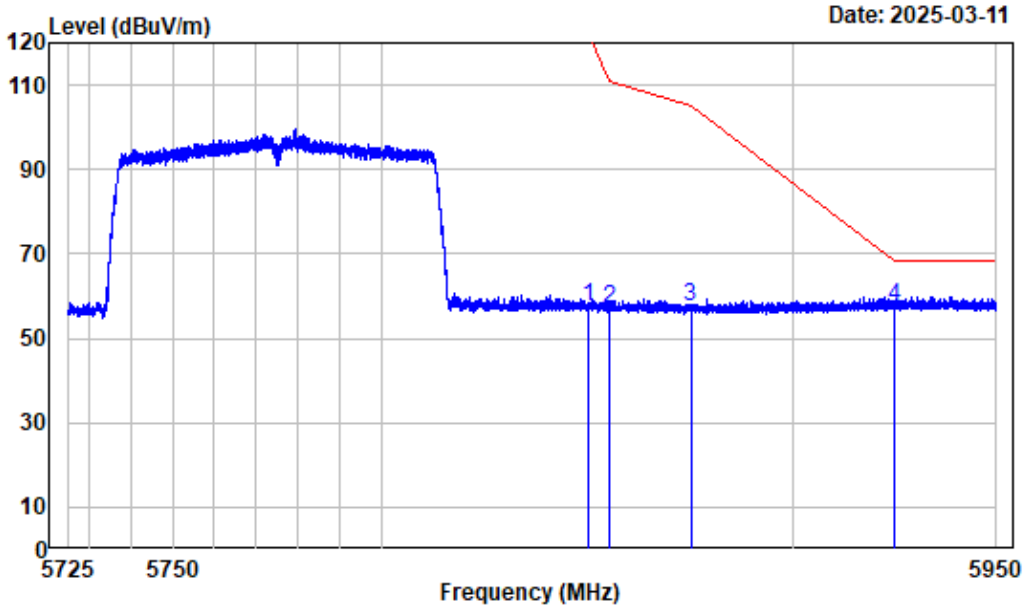
Left Band edge_Vertical_ANT1_ac80-5775



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.86	65.30	59.44	68.20	-8.76	Peak
2	5700.000	-5.72	64.21	58.49	105.20	-46.71	Peak
3	5720.000	-5.53	62.96	57.43	110.80	-53.37	Peak
4	5725.000	-5.49	63.66	58.17	122.20	-64.03	Peak

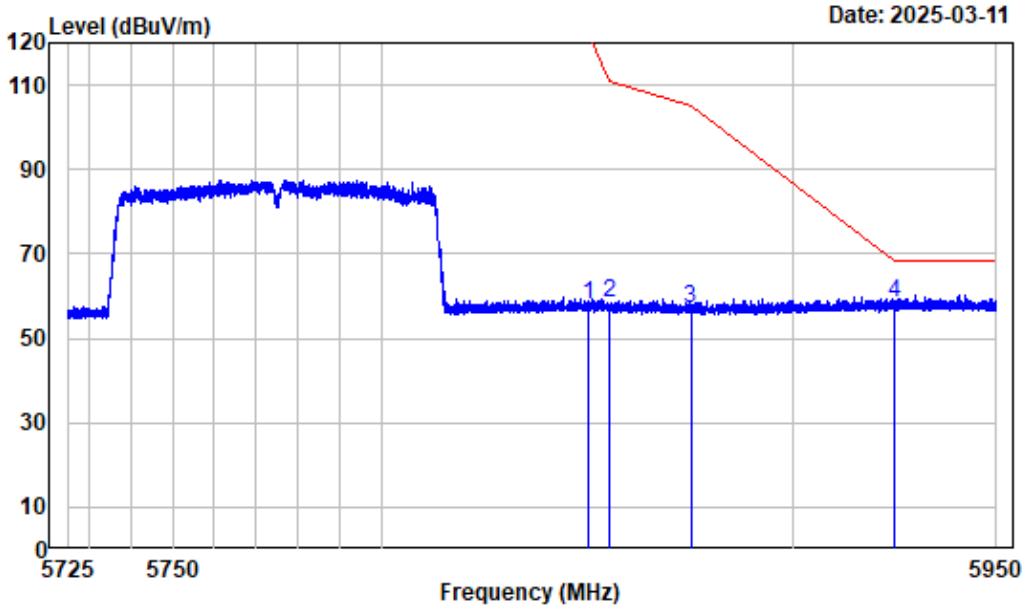
Right Band edge_Horizontal_ANT1_ac80-5775



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-4.68	62.29	57.61	122.20	-64.59	Peak
2	5855.000	-4.65	61.65	57.00	110.80	-53.80	Peak
3	5875.000	-4.57	61.92	57.35	105.20	-47.85	Peak
4	5925.000	-4.45	62.01	57.56	68.20	-10.64	Peak

Right Band edge_Vertical_ANT1_ac80-5775



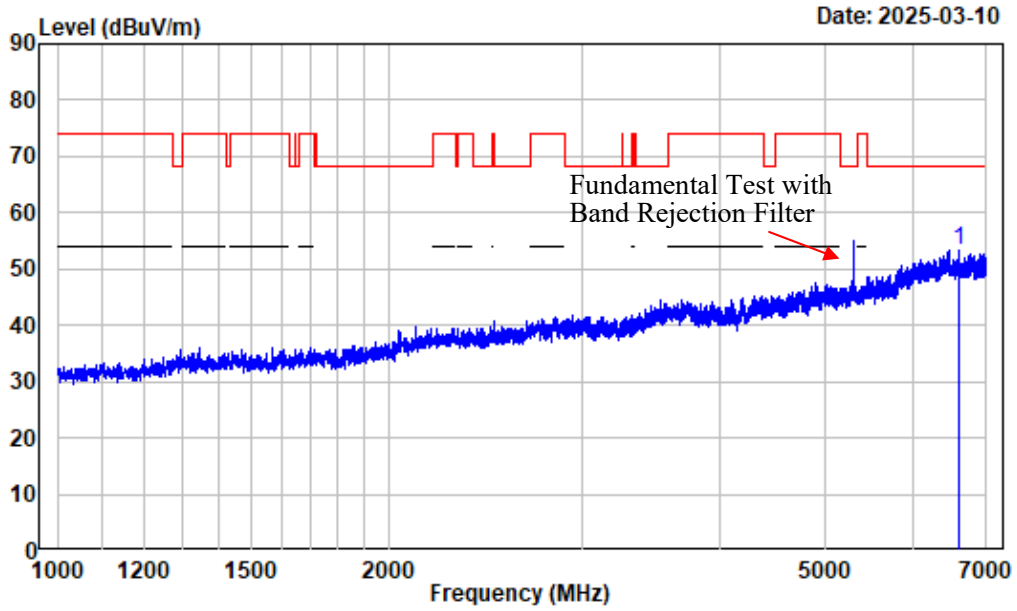
Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-4.68	62.85	58.17	122.20	-64.03	Peak
2	5855.000	-4.65	62.88	58.23	110.80	-52.57	Peak
3	5875.000	-4.57	61.79	57.22	105.20	-47.98	Peak
4	5925.000	-4.45	62.94	58.49	68.20	-9.71	Peak

Listed with the worst harmonic margin test plot

For module YL43752

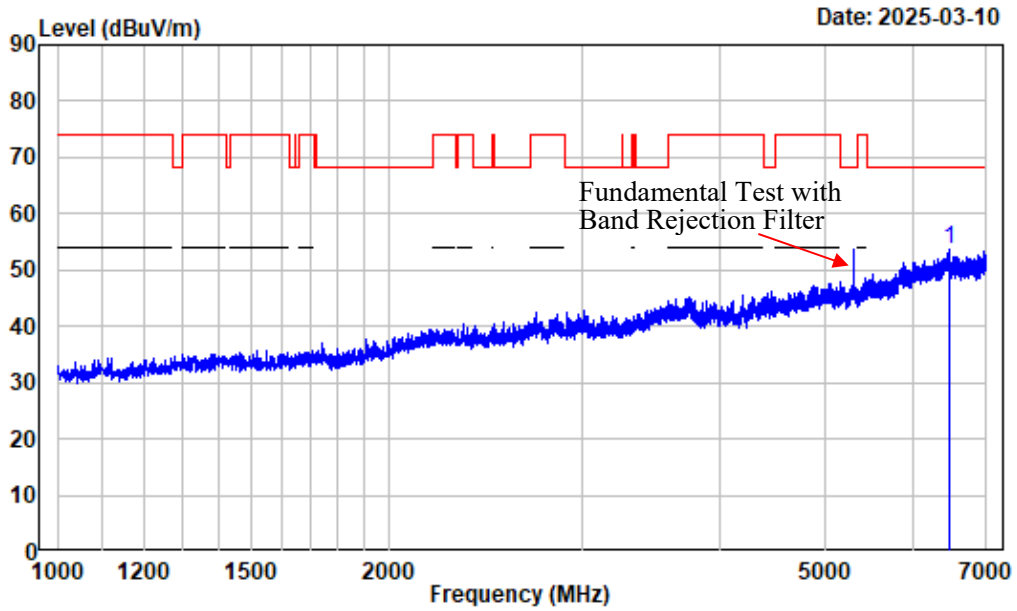
1-7GHz_Horizontal_ANT1-ax40-5310MHz




```
Condition   : Horizontal
Project No.: 2401T33438E-RF
Tester      : Zenos Qiao
Note        : 5GWiFi-ANT1-Band2-AX40-5310
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6601.700	-3.13	56.35	53.22	68.20	-14.98	Peak

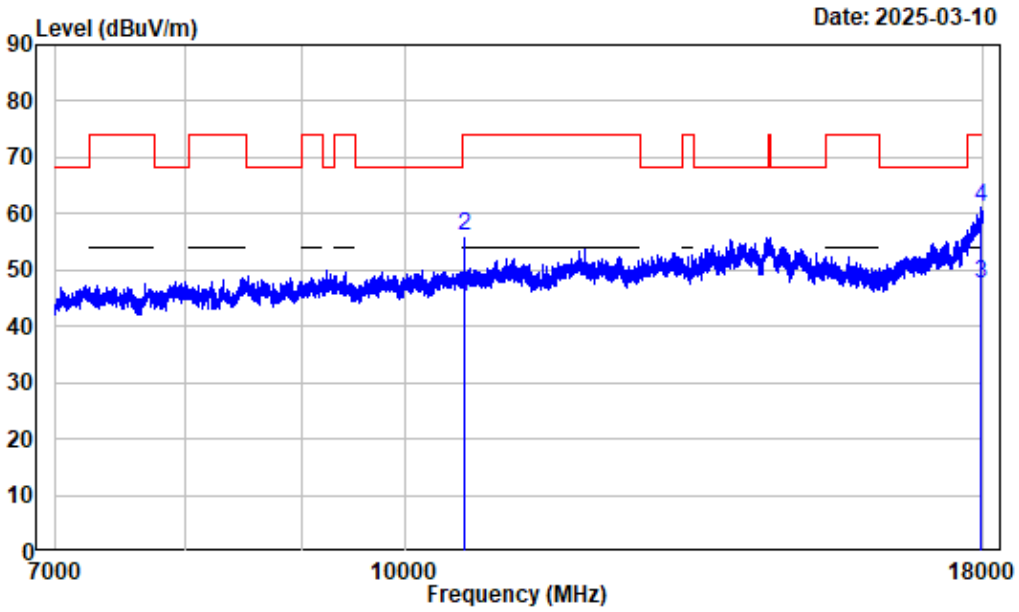
1-7GHz_Vertical_AX40-5310MHz



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band2-AX40-5310

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6475.685	-2.91	56.58	53.67	68.20	-14.53	Peak

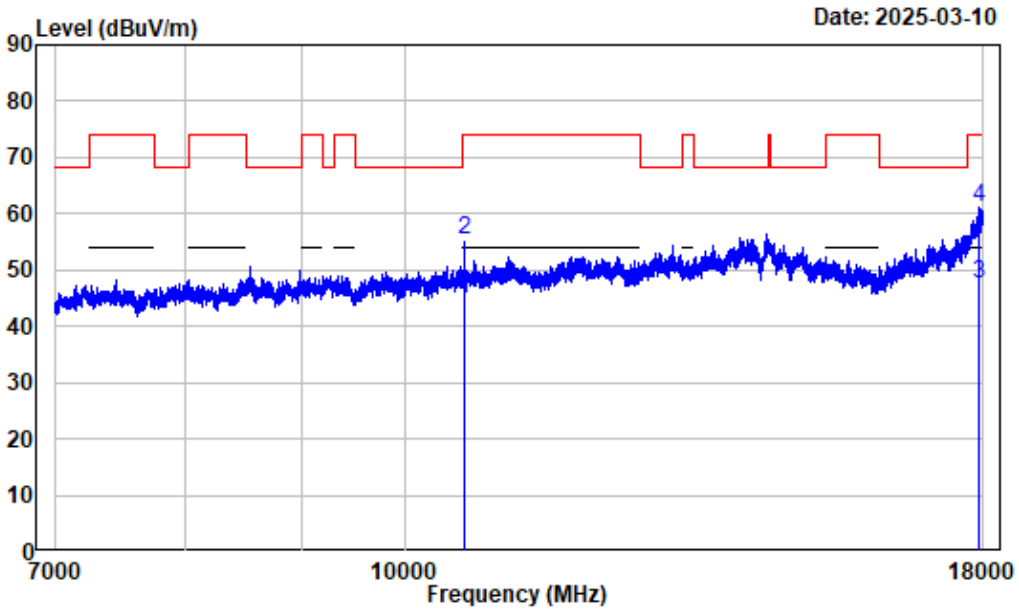
7-18GHz_Horizontal_ANT1-ax40-5310MHz



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band2-AX40-5310

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10620.000	2.37	42.87	45.24	54.00	-8.76	Average
2	10620.000	2.37	53.74	56.11	74.00	-17.89	Peak
3	17949.120	12.95	34.68	47.63	54.00	-6.37	Average
4	17949.120	12.95	48.12	61.07	74.00	-12.93	Peak

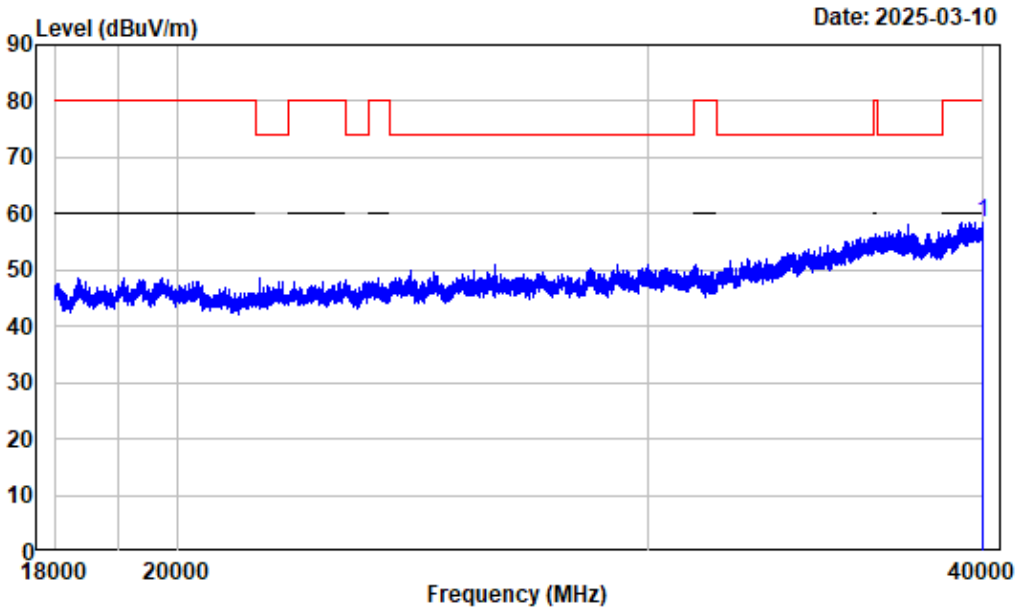
7-18GHz_Vertical_ANT1-ax40-5310MHz



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band2-AX40-5310

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10620.000	2.37	42.39	44.76	54.00	-9.24	Average
2	10620.000	2.37	53.05	55.42	74.00	-18.58	Peak
3	17935.370	12.88	34.51	47.39	54.00	-6.61	Average
4	17935.370	12.88	48.12	61.00	74.00	-13.00	Peak

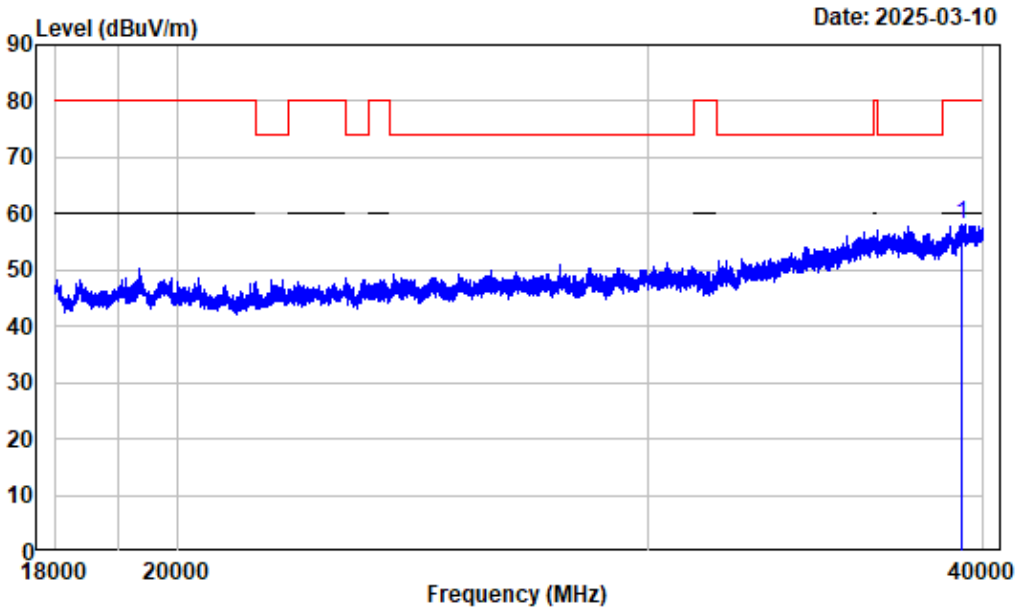
18-40GHz_Horizontal_ANT1-ax40-5310MHz



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band2-AX40-5310

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	39967.000	22.59	35.99	58.58	80.00	-21.42	Peak

18-40GHz_Vertical_ANT1-ax40-5310MHz

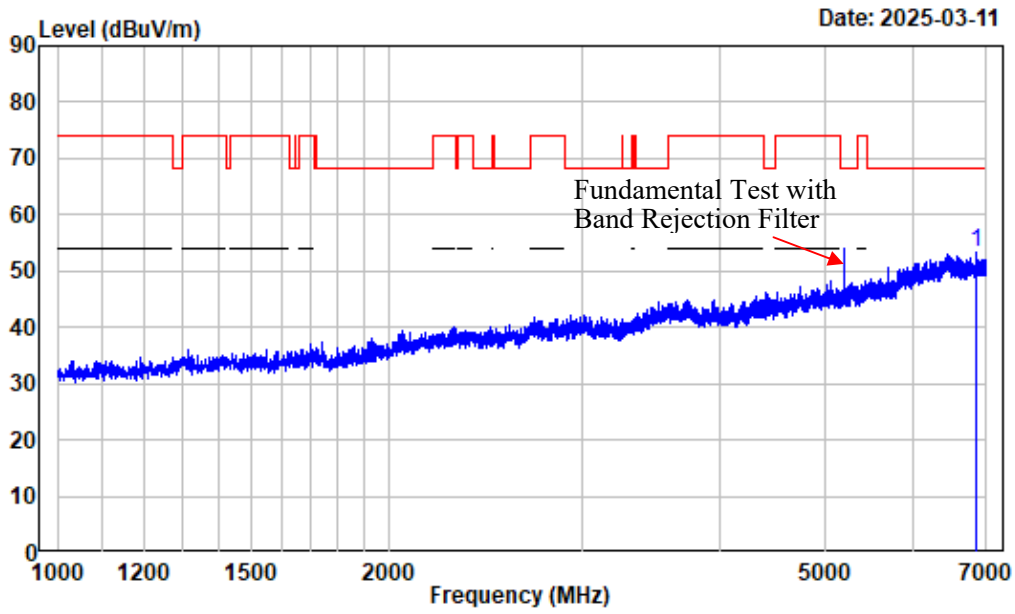


Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band2-AX40-5310

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	39279.410	22.75	35.25	58.00	80.00	-22.00	Peak

For module YL7981

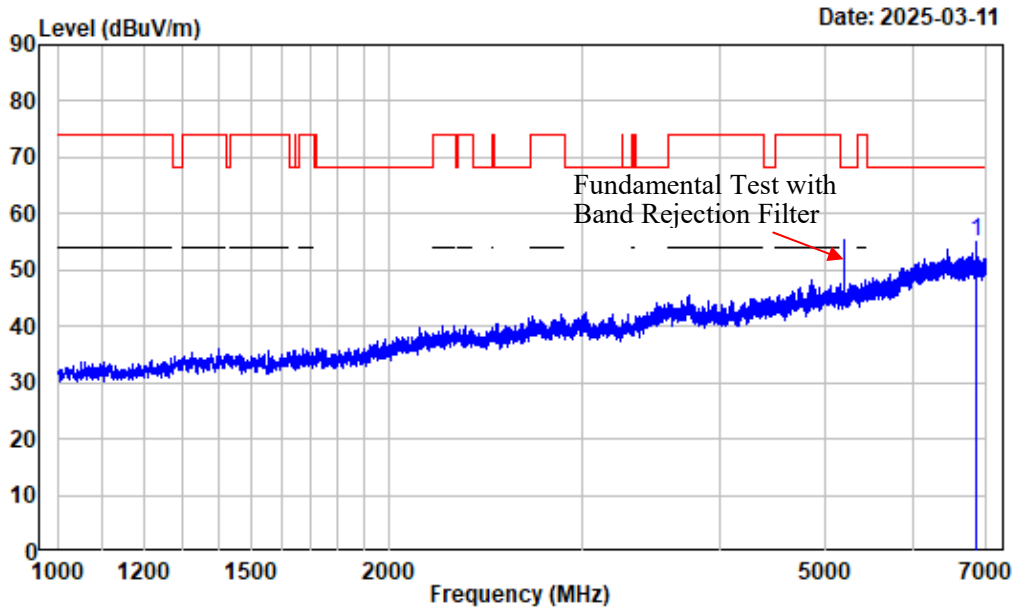
1-7GHz_Horizontal_ANT1-AC20-5200MHz



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AC20-5200

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6850.731	-3.10	56.59	53.49	68.20	-14.71	Peak

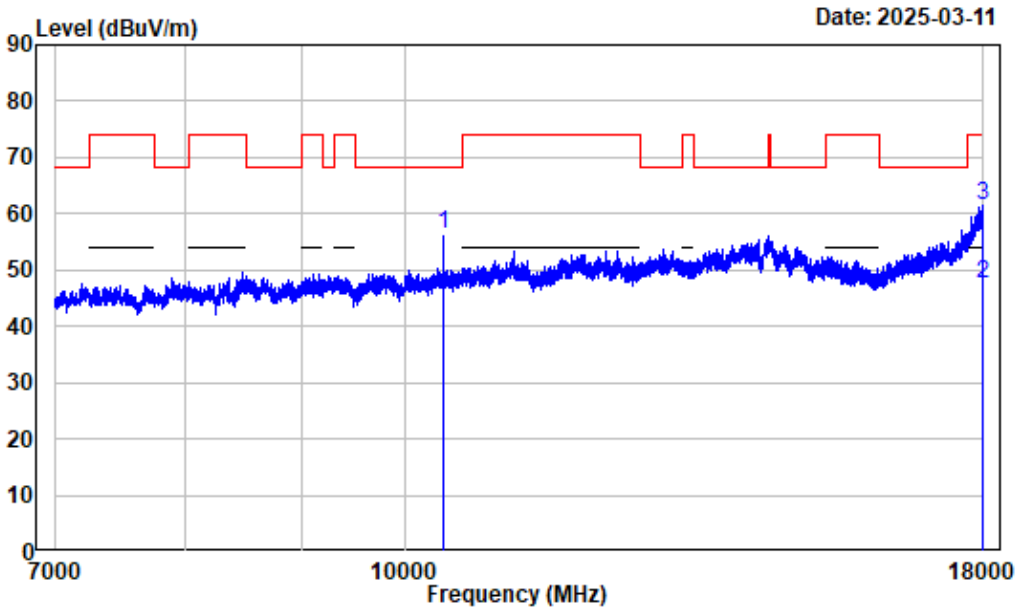
1-7GHz_Vertical_ANT1-AC20-5200MHz



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AC20-5200

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6861.232	-3.11	58.07	54.96	68.20	-13.24	Peak

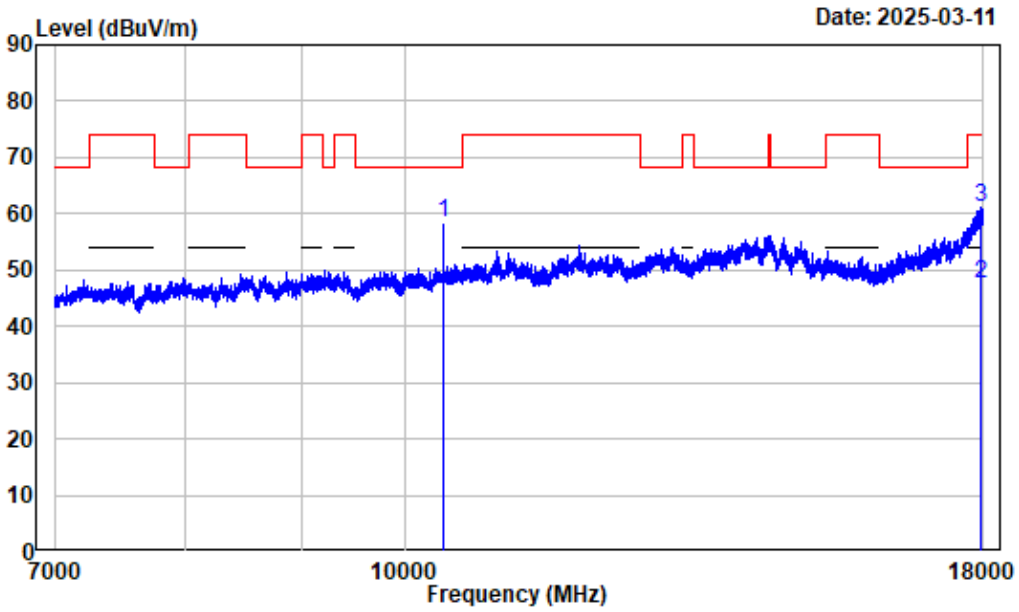
7-18GHz_Horizontal_ANT1-AC20-5200MHz



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AC20-5200

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10400.000	2.55	53.91	56.46	68.20	-11.74	Peak
2	17980.750	13.11	34.31	47.42	54.00	-6.58	Average
3	17980.750	13.11	48.23	61.34	74.00	-12.66	Peak

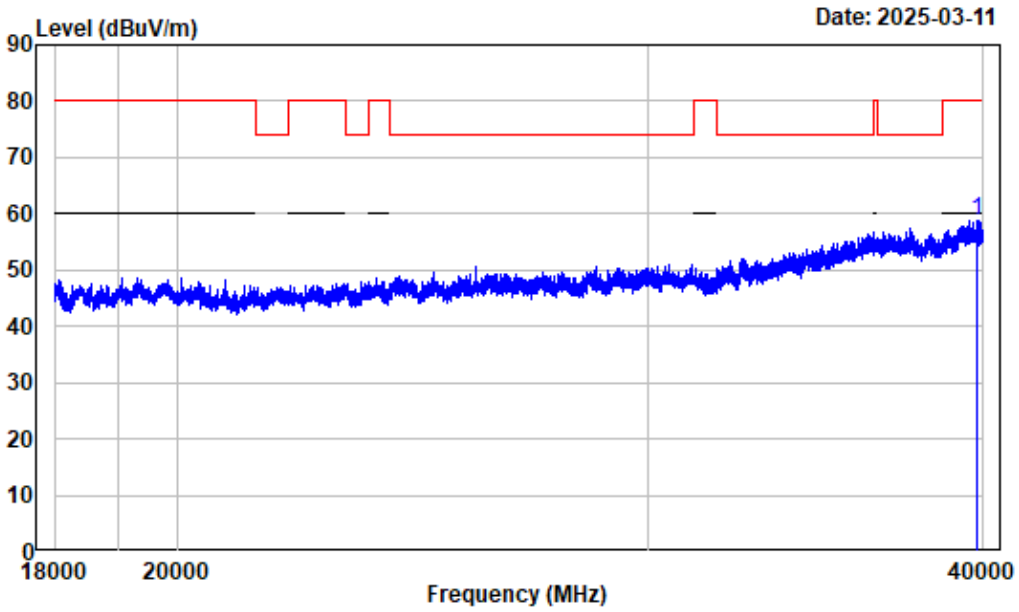
7-18GHz_Vertical_ANT1-AC20-5200MHz



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AC20-5200

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10400.000	2.55	55.70	58.25	68.20	-9.95	Peak
2	17967.000	13.03	34.50	47.53	54.00	-6.47	Average
3	17967.000	13.03	48.05	61.08	74.00	-12.92	Peak

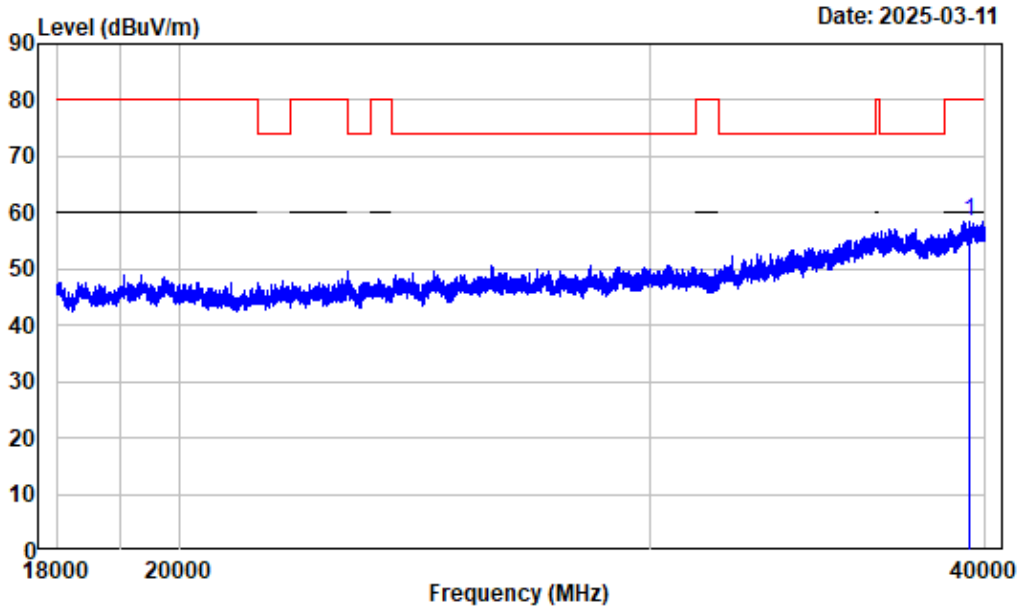
18-40GHz_Horizontal_ANT1-AC20-5200MHz



Condition : Horizontal
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AC20-5200

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	39793.720	22.51	36.23	58.74	80.00	-21.26	Peak

18-40GHz_Vertical_ANT1-AC20-5200MHz



Condition : Vertical
Project No.: 2401T33438E-RF
Tester : Zenos Qiao
Note : 5GWiFi-ANT1-Band1-AC20-5200

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	39444.430	22.54	35.90	58.44	80.00	-21.56	Peak

RF Conducted data

Emission Bandwidth

Test Information:

Sample No.:	2L54-1	**Test Date:**	2025/03/06~2025/03/08
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Brian Li	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	25~27	**Relative Humidity: (%)**	47~49	**ATM Pressure: (kPa)**	101

Test Data:

For module YL43752

26dB Emission Bandwidth

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 1	5180	21.502
		5200	21.250
		5240	21.202
	Chain 2	5180	21.050
		5200	21.156
		5240	21.052
802.11ac20	Chain 1	5180	21.567
		5200	21.404
		5240	21.618
	Chain 2	5180	21.258
		5200	21.303
		5240	21.408
802.11ac40	Chain 1	5190	39.640
		5230	40.040
	Chain 2	5190	40.040
		5230	39.840
802.11ac80	Chain 1	5210	81.281
	Chain 2	5210	81.481
802.11ax20_RU_Full	Chain 1	5180	21.558
		5200	21.660
		5240	21.439
	Chain 2	5180	21.396
		5200	21.612
		5240	21.671
802.11ax40_RU_Full	Chain 1	5190	40.541
		5230	40.440
	Chain 2	5190	40.440
		5230	40.541
802.11ax80_RU_Full	Chain 1	5210	81.882
	Chain 2	5210	**82.683**

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 1	5260	21.260
		5280	21.256
		5320	21.099
	Chain 2	5260	21.153
		5280	21.157
		5320	21.308
802.11ac20	Chain 1	5260	21.623
		5280	21.508
		5320	21.556
	Chain 2	5260	21.292
		5280	21.202
		5320	21.464
802.11ac40	Chain 1	5270	39.640
		5310	39.840
	Chain 2	5270	39.740
		5310	40.040
802.11ac80	Chain 1	5290	81.281
	Chain 2	5290	81.081
802.11ax20_RU_Full	Chain 1	5260	21.459
		5280	21.771
		5320	21.616
	Chain 2	5260	21.404
		5280	21.195
		5320	21.457
802.11ax40_RU_Full	Chain 1	5270	40.340
		5310	40.440
	Chain 2	5270	40.541
		5310	40.541
802.11ax80_RU_Full	Chain 1	5290	81.882
	Chain 2	5290	**82.282**

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 1	5500	20.996
		5580	21.207
		5700	21.202
		5720	21.311
	Chain 2	5500	20.944
		5580	21.095
		5700	21.154
		5720	21.207
802.11ac20	Chain 1	5500	21.404
		5580	21.348
		5700	21.358
		5720	21.449
	Chain 2	5500	21.459
		5580	21.463
		5700	21.568
		5720	21.363
802.11ac40	Chain 1	5510	39.840
		5550	39.640
		5670	39.840
		5710	39.940
	Chain 2	5510	40.240
		5550	39.840
		5670	39.940
		5710	40.340
802.11ac80	Chain 1	5530	81.281
		5610	81.281
		5690	81.081
	Chain 2	5530	81.081
		5610	81.281
		5690	81.481

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11ax20_RU_Full	Chain 1	5500	21.606
		5580	21.481
		5700	21.492
		5720	21.773
	Chain 2	5500	21.236
		5580	21.182
		5700	21.546
		5720	21.351
802.11ax40_RU_Full	Chain 1	5510	40.641
		5550	40.541
		5670	40.440
		5710	40.641
	Chain 2	5510	40.240
		5550	40.240
		5670	40.240
		5710	40.240
802.11ax80_RU_Full	Chain 1	5530	82.082
		5610	81.882
		5690	81.882
	Chain 2	5530	82.282
		5610	81.682
		5690	**82.482**

6dB Emission Bandwidth

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	Chain 1	5745	15.265	0.5	Pass
		5785	15.265	0.5	Pass
		5825	15.265	0.5	Pass
	Chain 2	5745	15.265	0.5	Pass
		5785	15.265	0.5	Pass
		5825	15.265	0.5	Pass
802.11ac20	Chain 1	5745	15.265	0.5	Pass
		5785	15.265	0.5	Pass
		5825	15.265	0.5	Pass
	Chain 2	5745	15.215	0.5	Pass
		5785	15.215	0.5	Pass
		5825	15.265	0.5	Pass
802.11ac40	Chain 1	5755	35.335	0.5	Pass
		5795	35.435	0.5	Pass
	Chain 2	5755	35.335	0.5	Pass
		5795	35.435	0.5	Pass
802.11ac80	Chain 1	5775	75.676	0.5	Pass
	Chain 2	5775	75.676	0.5	Pass
802.11ax20_RU_Full	Chain 1	5745	18.919	0.5	Pass
		5785	18.418	0.5	Pass
		5825	18.519	0.5	Pass
	Chain 2	5745	18.719	0.5	Pass
		5785	18.619	0.5	Pass
		5825	17.217	0.5	Pass
802.11ax40_RU_Full	Chain 1	5755	37.938	0.5	Pass
		5795	37.738	0.5	Pass
	Chain 2	5755	37.938	0.5	Pass
		5795	37.738	0.5	Pass
802.11ax80_RU_Full	Chain 1	5775	**77.678**	0.5	Pass
	Chain 2	5775	**77.678**	0.5	Pass

For module YL7981

26dB Emission Bandwidth

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 1	5180	20.743
		5200	21.092
		5240	19.770
	Chain 2	5180	20.949
		5200	20.594
		5240	19.820
802.11ac20	Chain 1	5180	29.624
		5200	33.613
		5240	20.696
	Chain 2	5180	29.699
		5200	34.331
		5240	20.593
802.11ac40	Chain 1	5190	58.114
		5230	41.241
	Chain 2	5190	57.673
		5230	41.041
802.11ac80	Chain 1	5210	97.082
	Chain 2	5210	**100.666**
802.11ax20_RU_Full	Chain 1	5180	29.092
		5200	30.185
		5240	19.970
	Chain 2	5180	23.560
		5200	28.089
		5240	20.090
802.11ax40_RU_Full	Chain 1	5190	49.550
		5230	39.840
	Chain 2	5190	45.746
		5230	39.940
802.11ax80_RU_Full	Chain 1	5210	97.497
	Chain 2	5210	97.018

6dB Emission Bandwidth

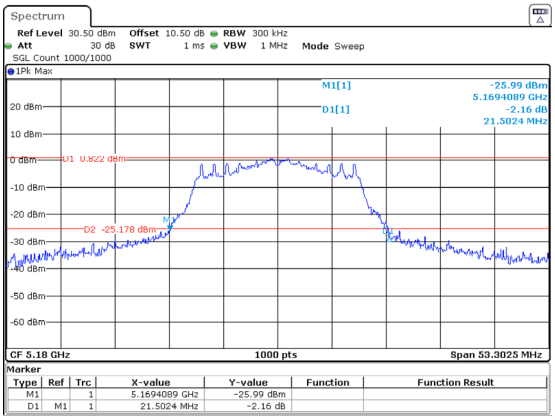
5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	Chain 1	5745	16.567	0.5	Pass
		5785	16.517	0.5	Pass
		5825	16.567	0.5	Pass
	Chain 2	5745	16.517	0.5	Pass
		5785	16.517	0.5	Pass
		5825	16.517	0.5	Pass
802.11ac20	Chain 1	5745	17.367	0.5	Pass
		5785	17.668	0.5	Pass
		5825	17.668	0.5	Pass
	Chain 2	5745	17.668	0.5	Pass
		5785	17.668	0.5	Pass
		5825	17.668	0.5	Pass
802.11ac40	Chain 1	5755	35.335	0.5	Pass
		5795	35.335	0.5	Pass
	Chain 2	5755	35.335	0.5	Pass
		5795	35.335	0.5	Pass
802.11ac80	Chain 1	5775	75.475	0.5	Pass
	Chain 2	5775	75.475	0.5	Pass
802.11ax20_RU_Full	Chain 1	5745	18.619	0.5	Pass
		5785	18.819	0.5	Pass
		5825	19.019	0.5	Pass
	Chain 2	5745	18.919	0.5	Pass
		5785	18.919	0.5	Pass
		5825	18.869	0.5	Pass
802.11ax40_RU_Full	Chain 1	5755	36.236	0.5	Pass
		5795	37.738	0.5	Pass
	Chain 2	5755	35.235	0.5	Pass
		5795	35.335	0.5	Pass
802.11ax80_RU_Full	Chain 1	5775	75.676	0.5	Pass
	Chain 2	5775	**75.876**	0.5	Pass

For module YL43752

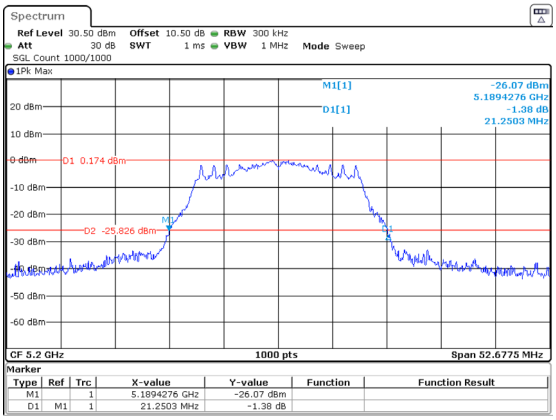
5150-5250MHz

802.11a_5180MHz_Chain 1



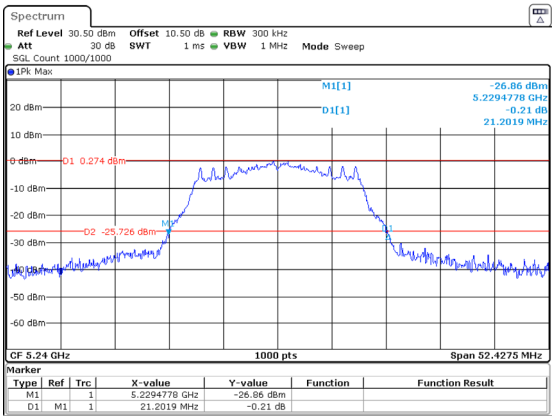
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 20:57:01

802.11a_5200MHz_Chain 1



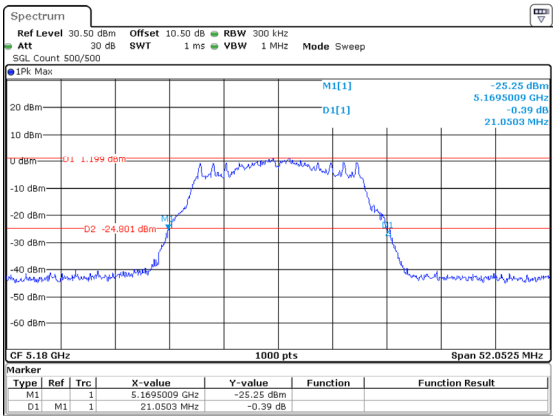
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 20:59:21

802.11a_5240MHz_Chain 1



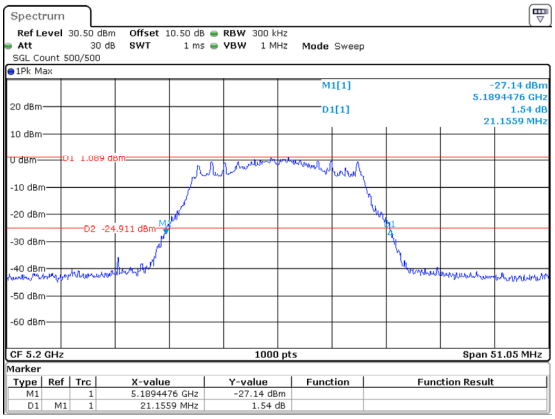
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:01:14

802.11a_5180MHz_Chain 2



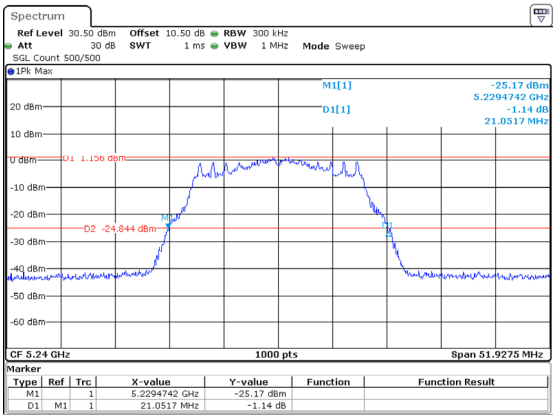
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:36:59

802.11a_5200MHz_Chain 2



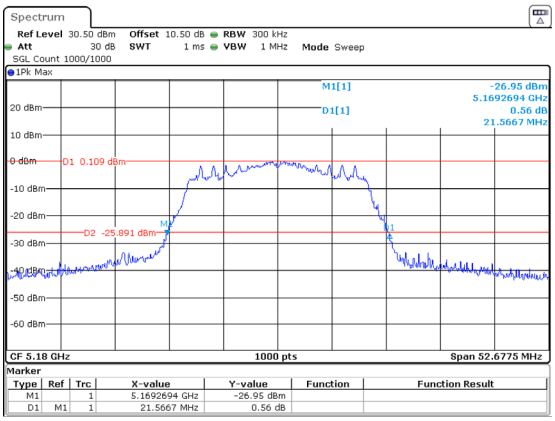
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:38:19

802.11a_5240MHz_Chain 2



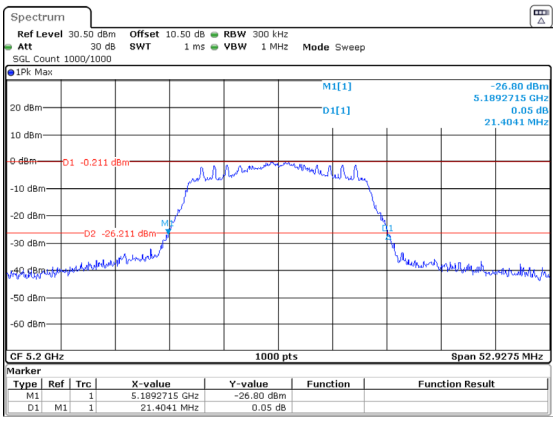
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:39:40

802.11ac20_5180MHz_Chain 1



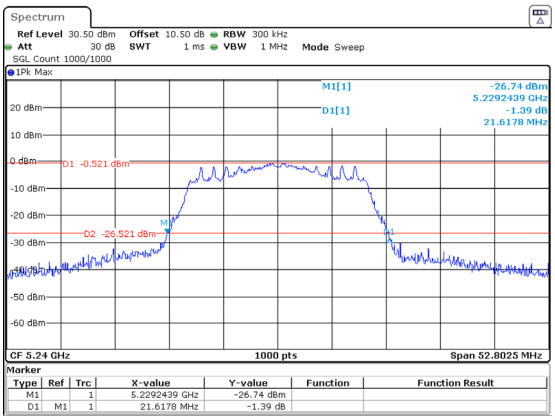
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:03:20

802.11ac20_5200MHz_Chain 1



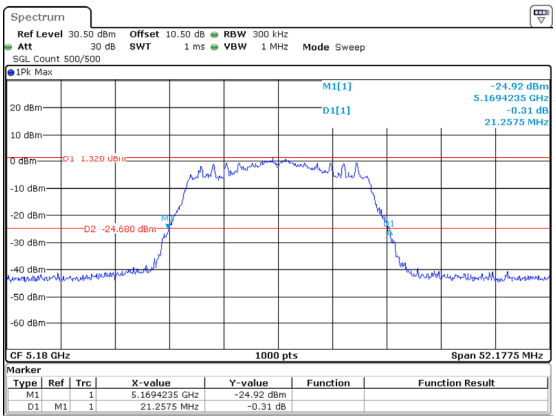
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:06:11

802.11ac20_5240MHz_Chain 1



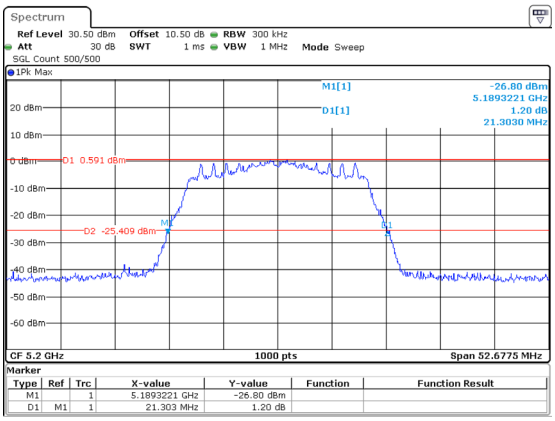
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:08:03

802.11ac20_5180MHz_Chain 2



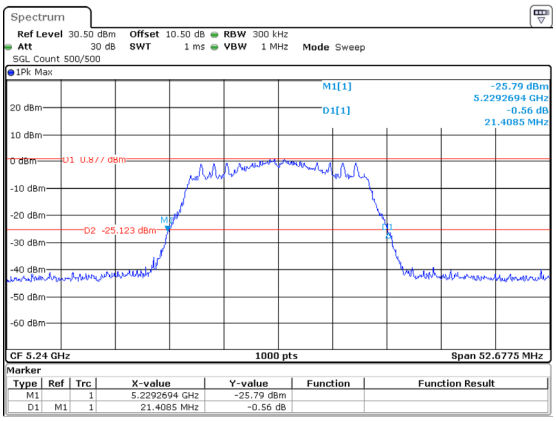
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:41:07

802.11ac20_5200MHz_Chain 2



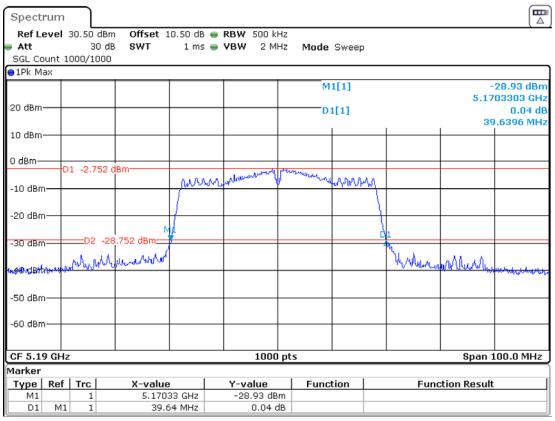
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:42:47

802.11ac20_5240MHz_Chain 2



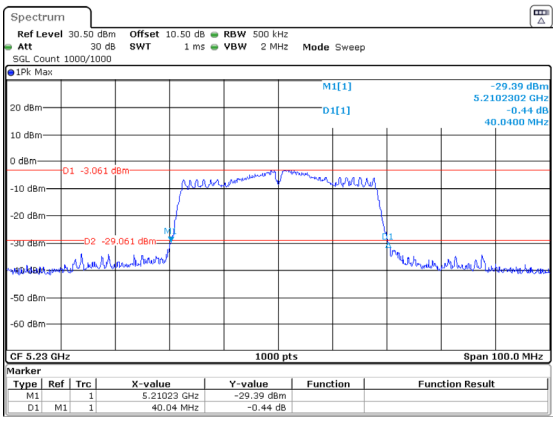
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:47:09

802.11ac40_5190MHz_Chain 1



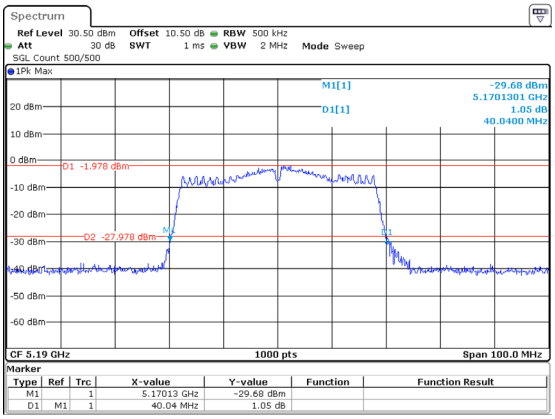
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:10:26

802.11ac40_5230MHz_Chain 1



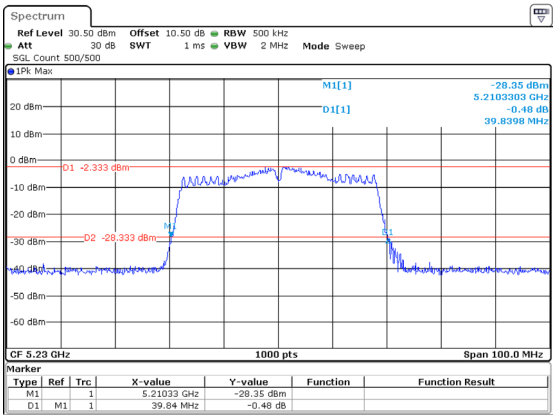
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:11:36

802.11ac40_5190MHz_Chain 2



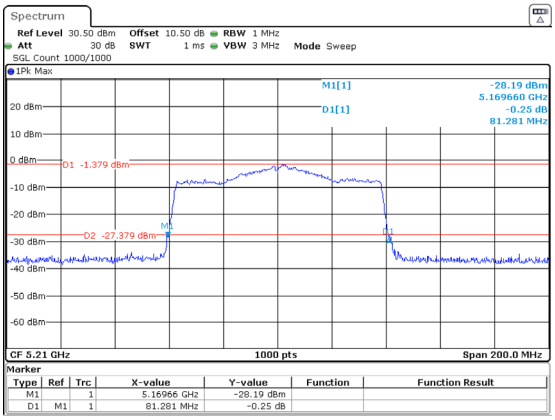
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:48:23

802.11ac40_5230MHz_Chain 2



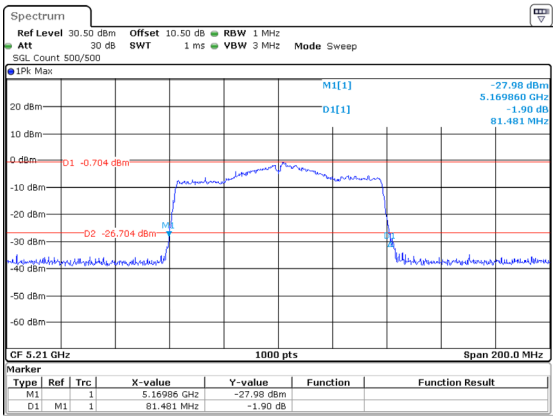
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:49:25

802.11ac80_5210MHz_Chain 1



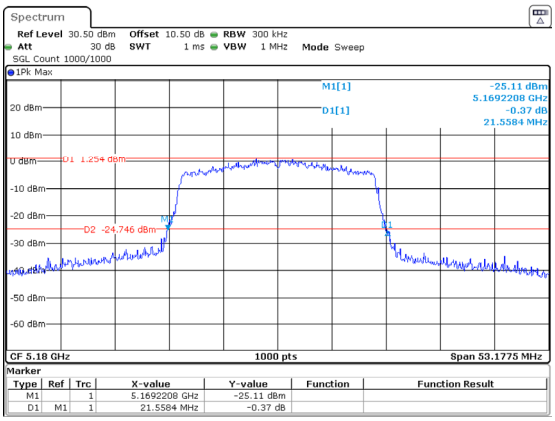
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:14:02

802.11ac80_5210MHz_Chain 2



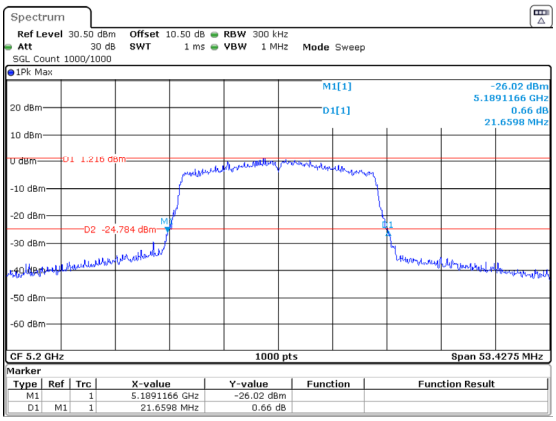
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:50:26

802.11ax20_5180MHz_RU_Full_Chain 1



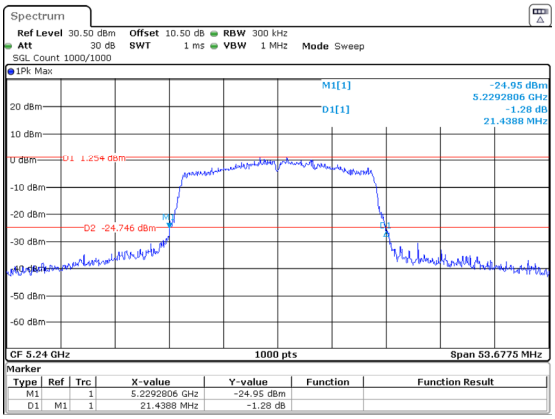
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:16:49

802.11ax20_5200MHz_RU_Full_Chain 1



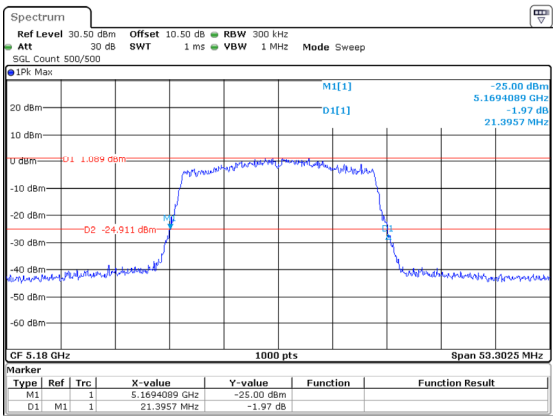
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:20:08

802.11ax20_5240MHz_RU_Full_Chain 1



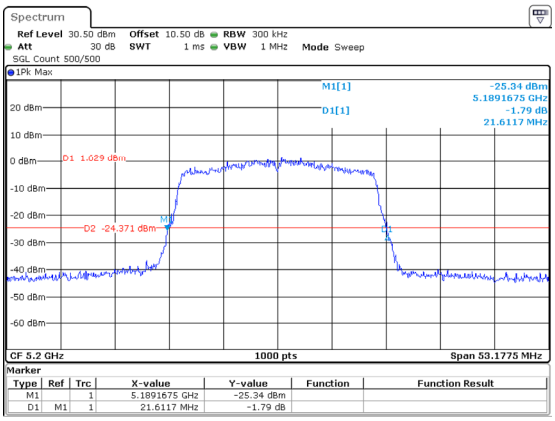
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:22:00

802.11ax20_5180MHz_RU_Full_Chain 2



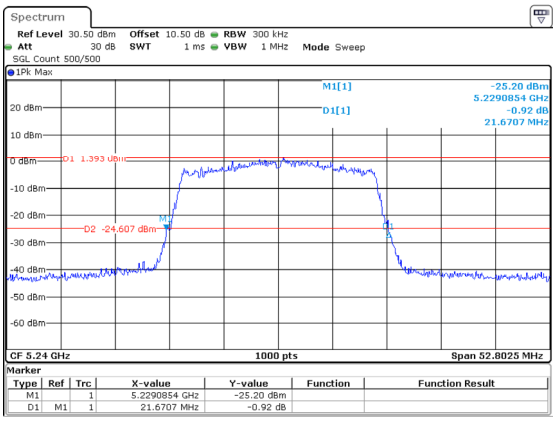
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:52:12

802.11ax20_5200MHz_RU_Full_Chain 2



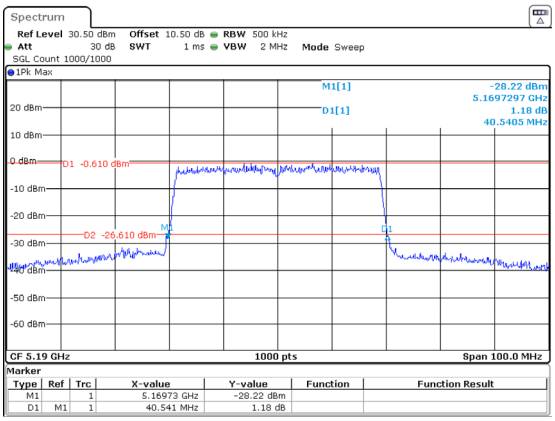
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:54:51

802.11ax20_5240MHz_RU_Full_Chain 2



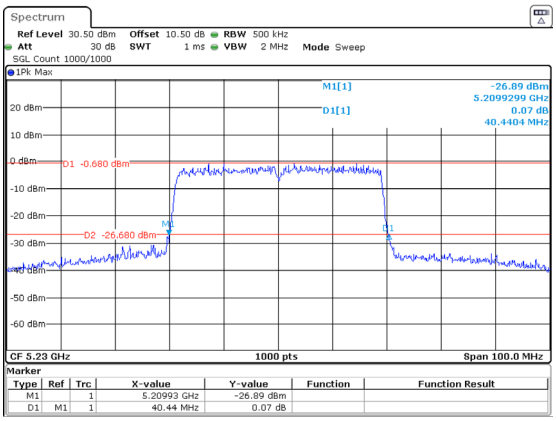
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:56:38

802.11ax40_5190MHz_RU_Full_Chain 1



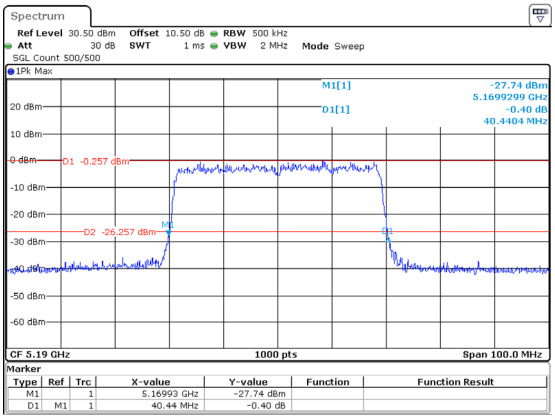
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:23:35

802.11ax40_5230MHz_RU_Full_Chain 1



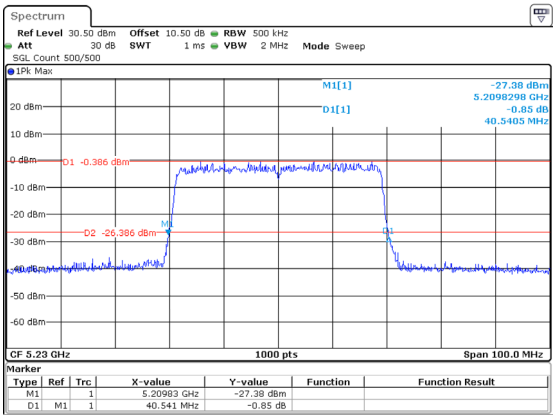
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:25:00

802.11ax40_5190MHz_RU_Full_Chain 2



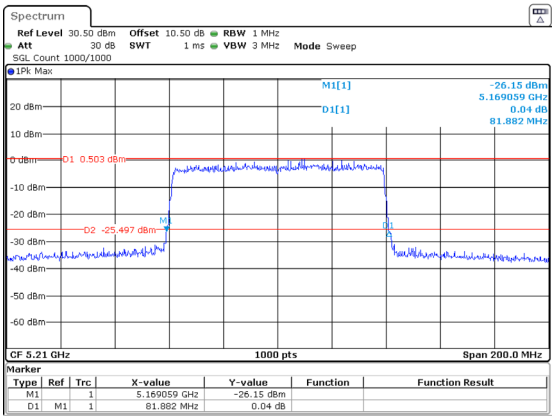
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:57:52

802.11ax40_5230MHz_RU_Full_Chain 2



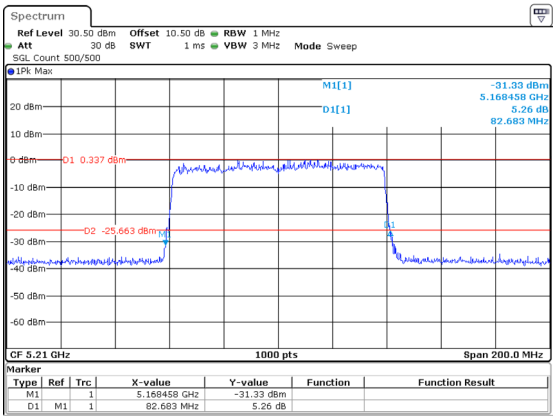
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 19:58:58

802.11ax80_5210MHz_RU_Full_Chain 1



ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:27:06

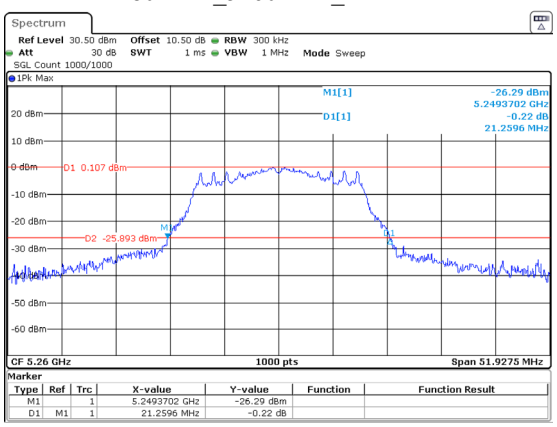
802.11ax80_5210MHz_RU_Full_Chain 2



ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:00:48

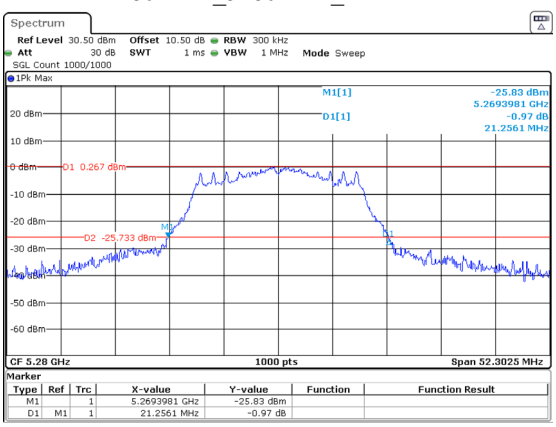
5250-5350MHz

802.11a_5260MHz_Chain 1



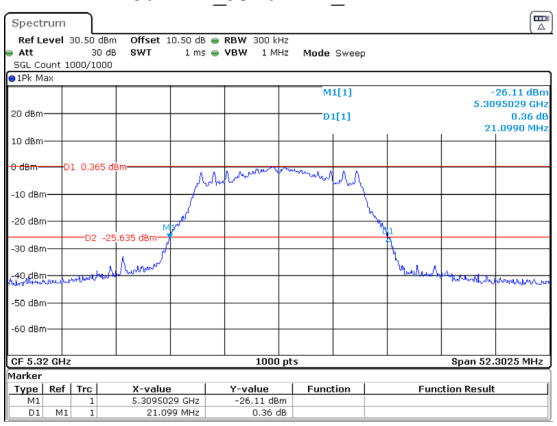
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:35:15

802.11a_5280MHz_Chain 1



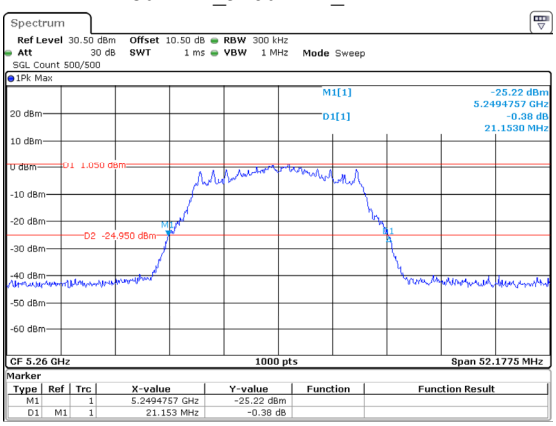
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:37:23

802.11a_5320MHz_Chain 1



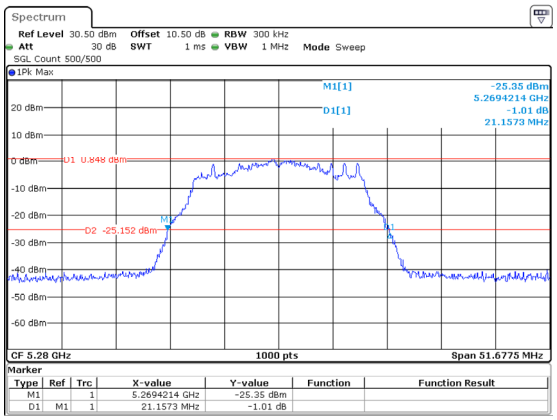
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:39:51

802.11a_5260MHz_Chain 2



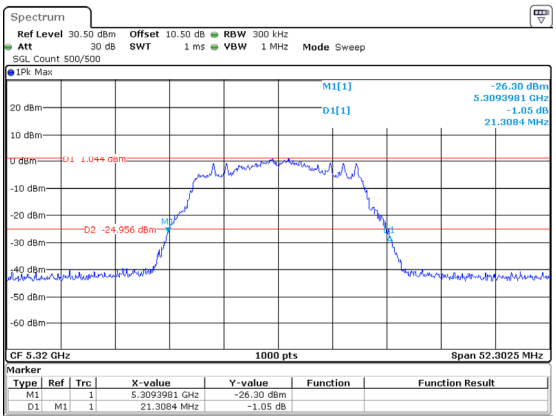
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:03:30

802.11a_5280MHz_Chain 2



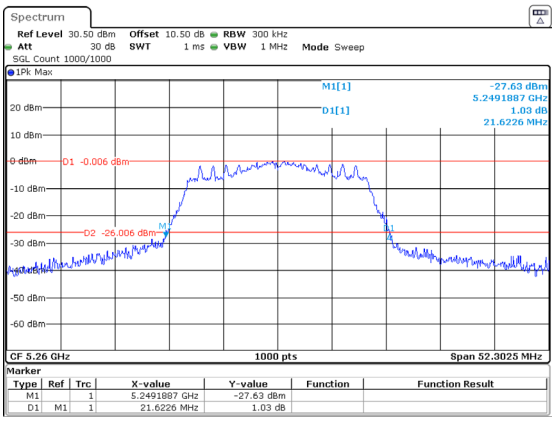
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:05:00

802.11a_5320MHz_Chain 2



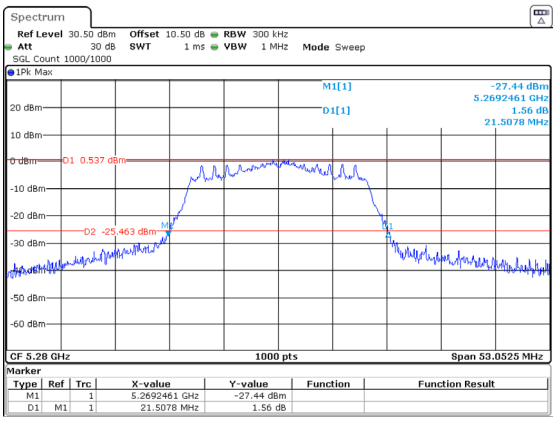
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:06:30

802.11ac20_5260MHz_Chain 1



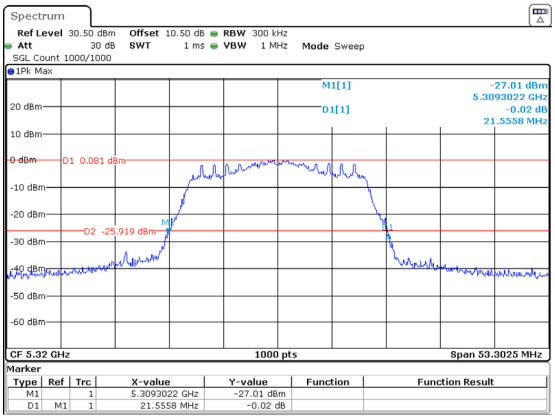
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:43:07

802.11ac20_5280MHz_Chain 1



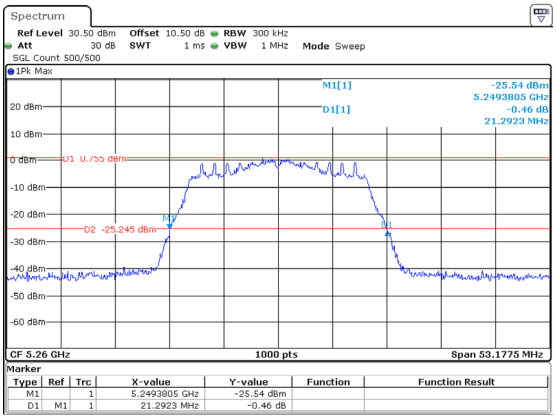
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:44:52

802.11ac20_5320MHz_Chain 1



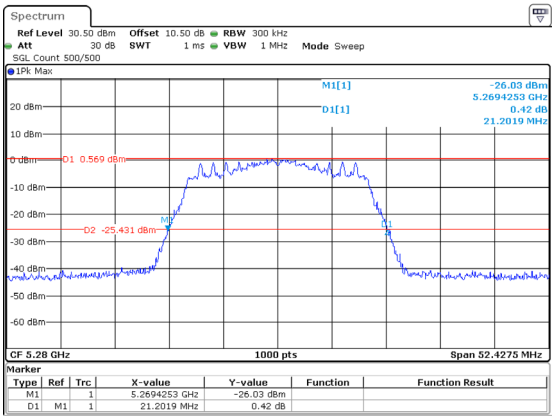
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:46:43

802.11ac20_5260MHz_Chain 2



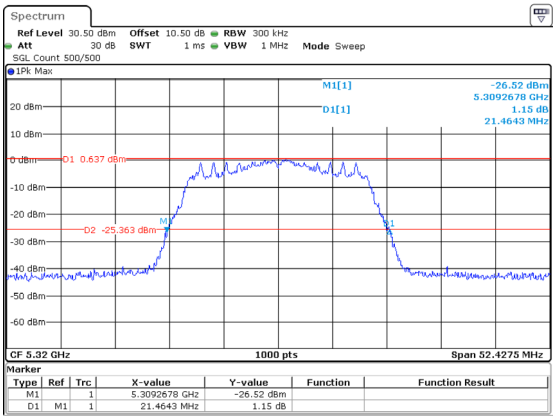
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:07:59

802.11ac20_5280MHz_Chain 2



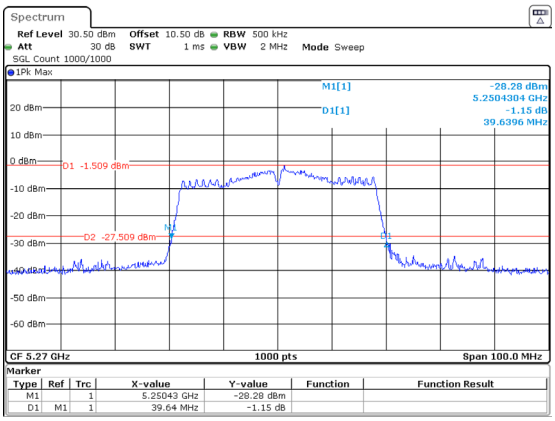
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:09:19

802.11ac20_5320MHz_Chain 2



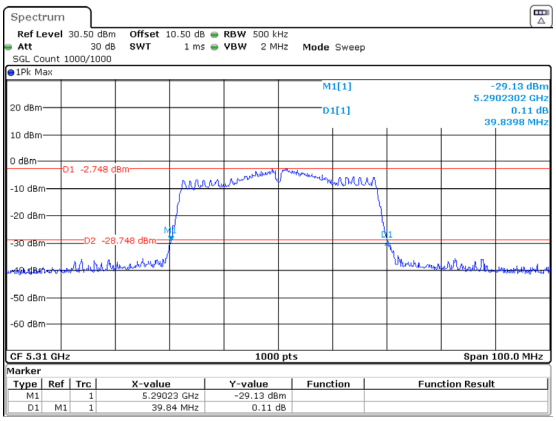
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:10:40

802.11ac40_5270MHz_Chain 1



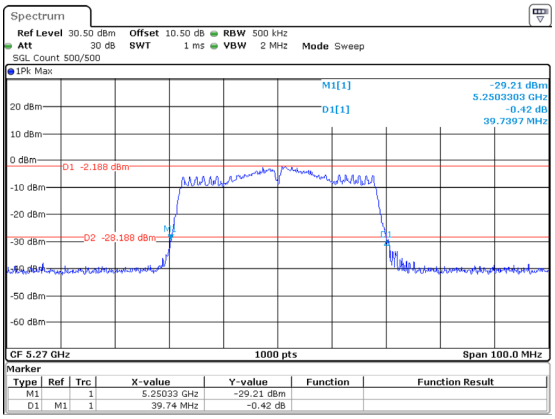
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:51:13

802.11ac40_5310MHz_Chain 1



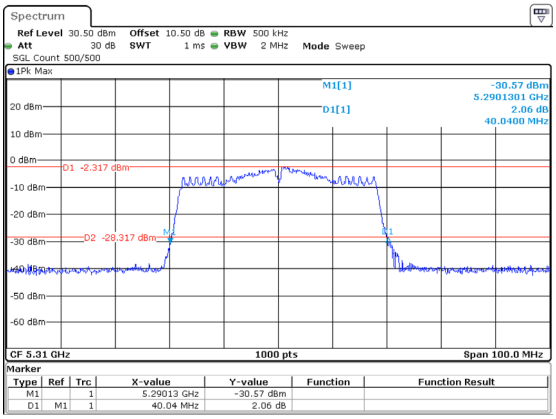
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:52:31

802.11ac40_5270MHz_Chain 2



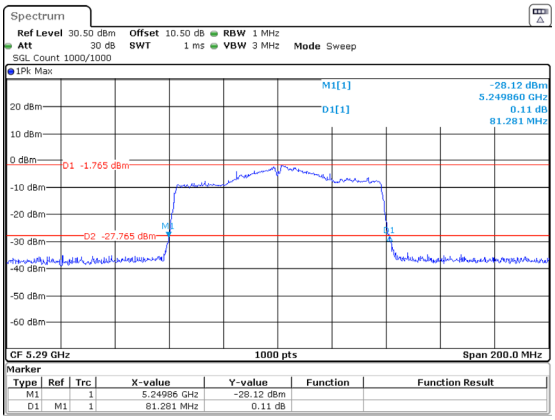
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:11:55

802.11ac40_5310MHz_Chain 2



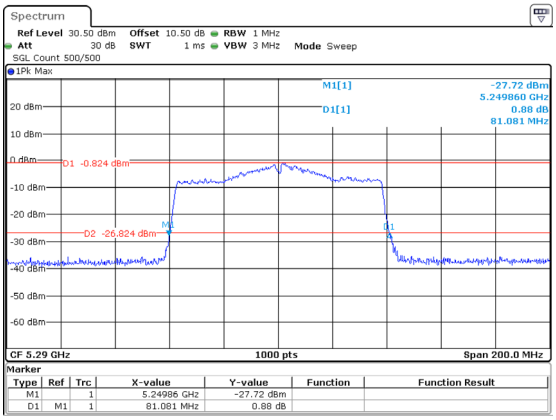
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:13:01

802.11ac80_5290MHz_Chain 1



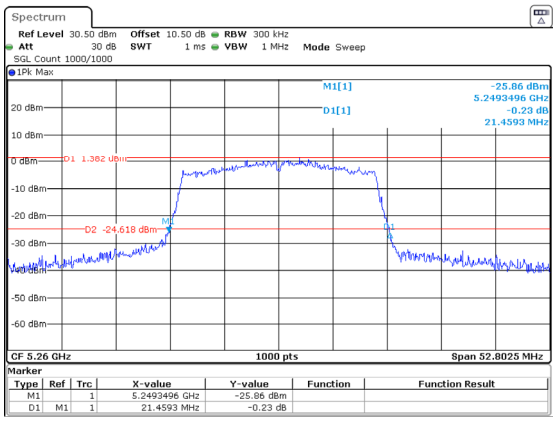
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:53:57

802.11ac80_5290MHz_Chain 2



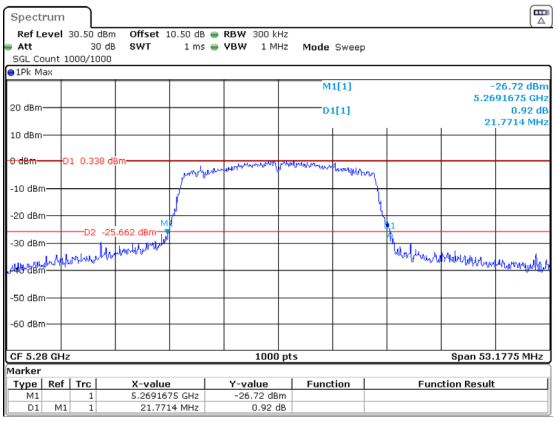
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:14:42

802.11ax20_5260MHz_RU_Full_Chain 1



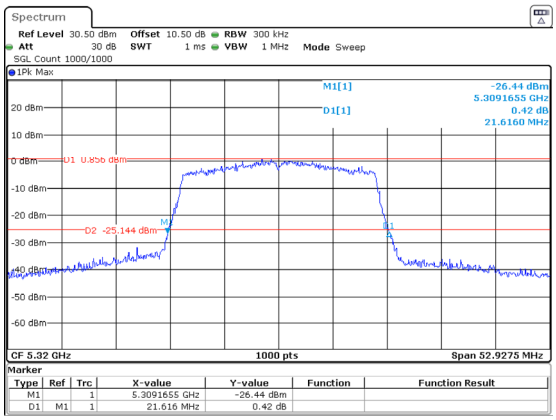
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:55:27

802.11ax20_5280MHz_RU_Full_Chain 1



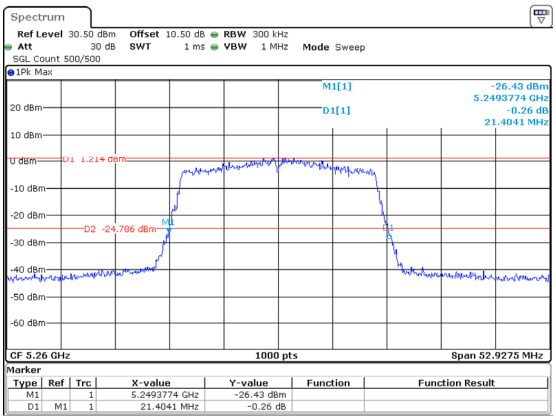
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:57:09

802.11ax20_5320MHz_RU_Full_Chain 1



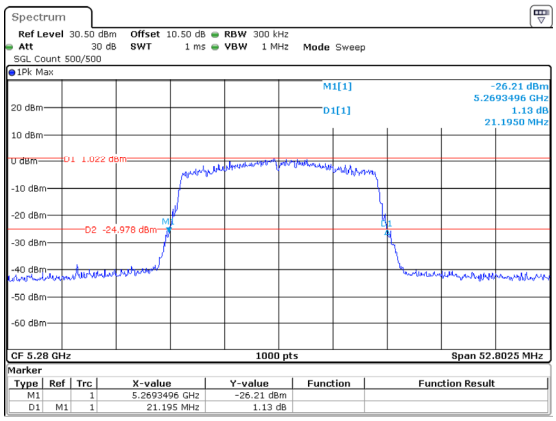
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 21:59:00

802.11ax20_5260MHz_RU_Full_Chain 2



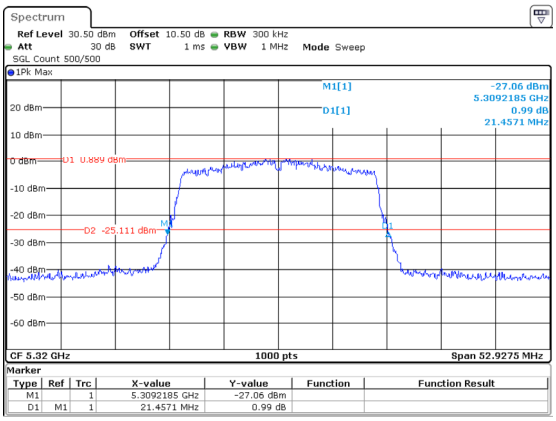
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:17:48

802.11ax20_5280MHz_RU_Full_Chain 2



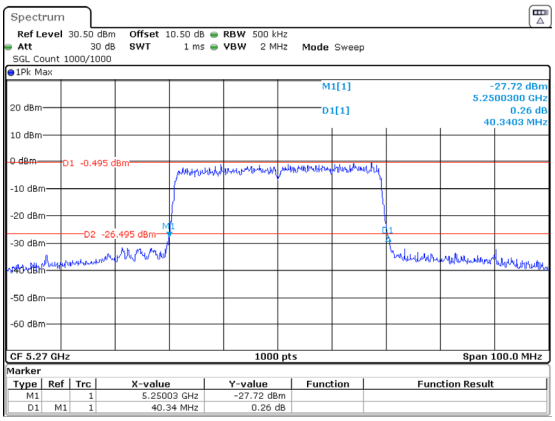
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:22:15

802.11ax20_5320MHz_RU_Full_Chain 2



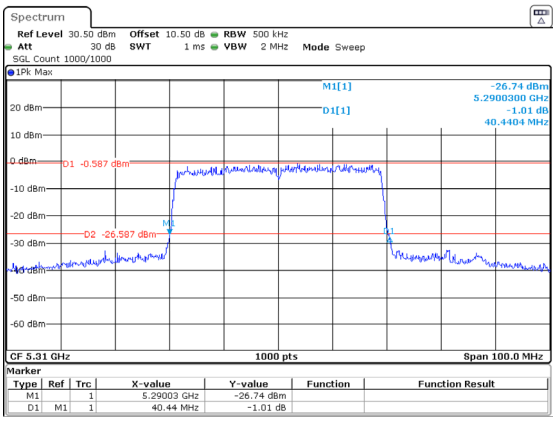
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:23:43

802.11ax40_5270MHz_RU_Full_Chain 1



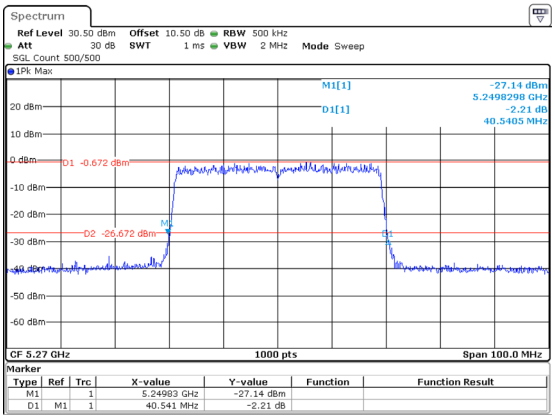
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 22:00:14

802.11ax40_5310MHz_RU_Full_Chain 1



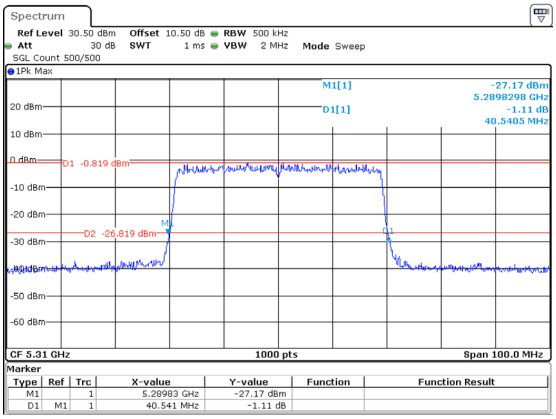
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 22:01:29

802.11ax40_5270MHz_RU_Full_Chain 2



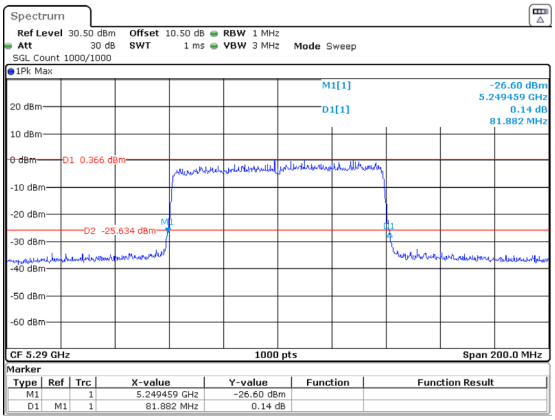
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:25:03

802.11ax40_5310MHz_RU_Full_Chain 2



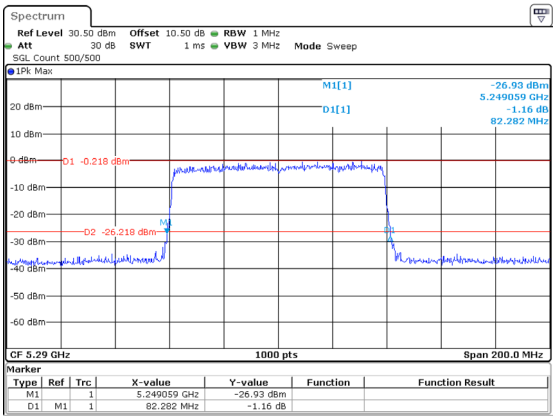
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:26:12

802.11ax80_5290MHz_RU_Full_Chain 1



ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 22:02:39

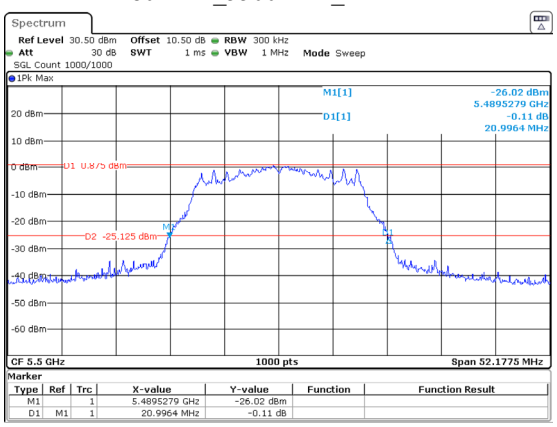
802.11ax80_5290MHz_RU_Full_Chain 2



ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:27:34

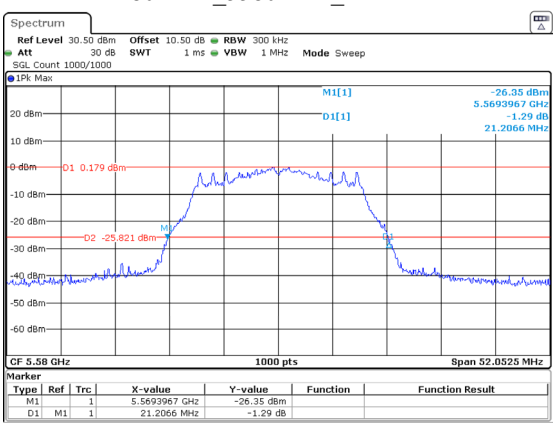
5470-5725MHz

802.11a_5500MHz_Chain 1



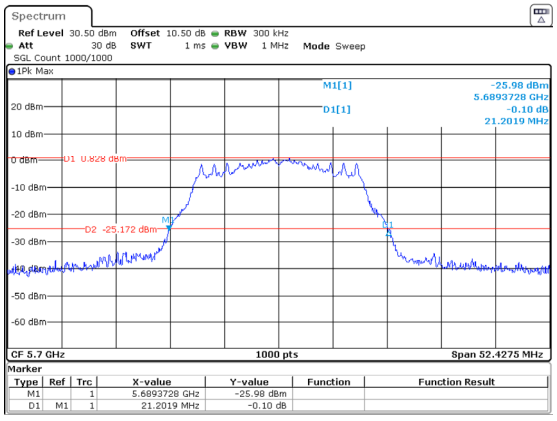
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 22:05:22

802.11a_5580MHz_Chain 1



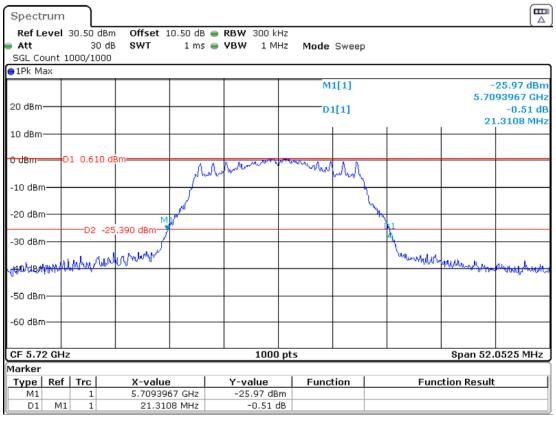
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 22:07:15

802.11a_5700MHz_Chain 1



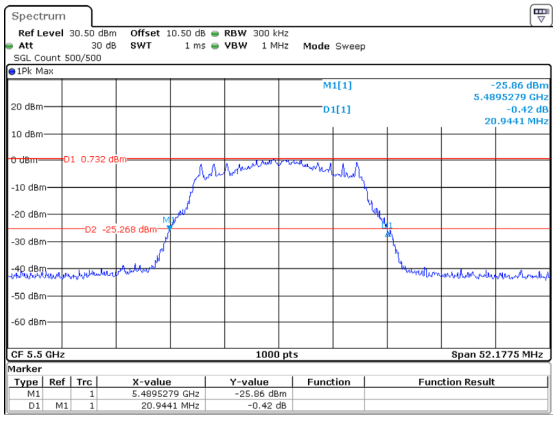
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 22:09:03

802.11a_5720MHz_Chain 1



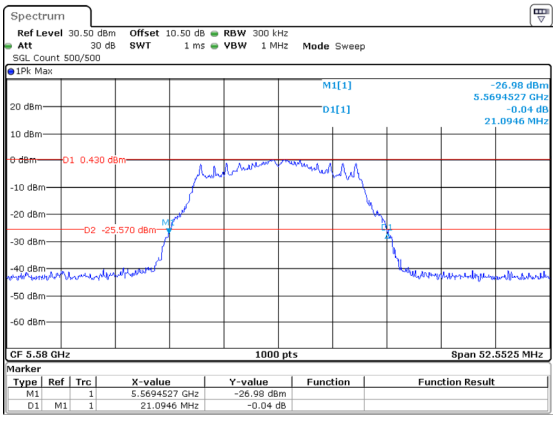
ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 6.MAR.2025 22:13:28

802.11a_5500MHz_Chain 2



ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:30:19

802.11a_5580MHz_Chain 2



ProjectNo.:2401T33438E-RF Tester:Brian Li
Date: 7.MAR.2025 20:32:52