TEST REPORT

Applicant Name:	INFINIX MOBILITY LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT, Hong Kong
Report Number:	SZ1231213-75213E-RF-00F
FCC ID:	2AIZN-X6871

Test Standard (s)

FCC PART 15.407

Sample Description

Product Type:	Mobile Phone
Model No.:	X6871
Multiple Model(s) No.:	N/A
Trade Mark:	Infinix
Date Received:	2024/01/17
Issue Date:	2024/03/15

Test Result:	Pass▲

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

Prepared and Checked By:

Michelle Zeng

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 "▼".

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	SZ1231213-75213E-RF-00F	Original Report	2024/03/15

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	Mobile Phone
Tested Model	X6871
Multiple Model(s)	N/A
Frequency Range	5G Wi-Fi: 5150-5250MHz; 5725-5850MHz
Mode	802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80
Maximum Conducted Average Output Power	5150-5250MHz: 15.00dBm 5725-5850MHz: 16.81dBm
Modulation Technique	OFDM, OFDMA
Antenna Specification#	-1.64dBi(ANT 1); -3.6dBi (ANT 2) (provided by the applicant)
Voltage Range	DC 3.91V from battery or DC 5-11V from adapter
Sample serial number	2F5J-5 for Conducted and Radiated Emissions Test 2F5J-1 for RF Conducted Test (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	Model: U450XSB Input: AC 100-240V~50/60Hz, 1.8A Output: DC 5.0V, 3.0A, 15.0W or 5.0-10.0V, 1.5A or 11.0V, 4.1A, 45.0W MAX

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 C63.10-2013, 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		±5%
RF Frequency		213.55 Hz(k=2, 95% level of confidence)
RF output power, conducted		0.72 dB(k=2, 95% level of confidence)
Unwanted Emission, conducted		1.75 dB(k=2, 95% level of confidence)
AC Power Lines Conducted Emissions	9kHz-150kHz	3.94dB(k=2, 95% level of confidence)
	150kHz-30MHz	3.84dB(k=2, 95% level of confidence)
Radiated Emissions	9kHz - 30MHz	3.30dB(k=2, 95% level of confidence)
	30MHz~200MHz (Horizontal)	4.48dB(k=2, 95% level of confidence)
	30MHz~200MHz (Vertical)	4.55dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Horizontal)	4.85dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Vertical)	5.05dB(k=2, 95% level of confidence)
	1GHz - 6GHz	5.35dB(k=2, 95% level of confidence)
	6GHz - 18GHz	5.44dB(k=2, 95% level of confidence)
	18GHz - 40GHz	5.16dB(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.

The system support 802.11a/n ht20/n ht40/ac vht20/ac vht40/ac vht80/ax HE20/ax HE40/ax HE80, the 802.11 n ht20/n ht40 were reduced since the identical parameters with 802.11ac vht20 and vht40.

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 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

EUT was testing in engineering mode and power level as below. The power level was provided by the applicant. The device was tested with the worst case was performed as below:

5150-5250 MHz Band:

Test Mode	Data rate	RU Size	RU Index	ANT1_Power Level#			ANT2_ Power Level#		
				Low Channel	Middle Channel	High Channel	Low Channel	Middle Channel	High Channel
802.11a	6 Mbps	NA	NA	15.5	15.5	15.5	15.5	15.5	15.5
802.11ac20	MCS0	NA	NA	13.5	13.5	13.5	13.5	13.5	13.5
802.11ac40	MCS0	NA	NA	13.5	/	13.5	13.5	/	13.5
802.11ac80	MCS0	NA	NA	/	13.5	/	/	13.5	/
802.11ax20	MCS0	26Tone	RU0	8.5	8.5	8.5	8.5	8.5	8.5
		52Tone	RU37	9.5	9.5	9.5	9.5	9.5	9.5
		106Tone	RU53	11.5	11.5	11.5	11.5	11.5	11.5
		242Tone	RU61	13.5	13.5	13.5	13.5	13.5	13.5
802.11ax40	MCS0	26Tone	RU0	7	/	7	7	/	7
		52Tone	RU37	8.5	/	8.5	8.5	/	8.5
		106Tone	RU53	9.5	/	9.5	9.5	/	9.5
		242Tone	RU61	9.5	/	9.5	9.5	/	9.5
		484Tone	RU65	13.5	/	13.5	13.5	/	13.5
802.11ax80	MCS0	26Tone	RU0	/	6.5	/	/	6.5	/
		52Tone	RU37	/	7.5	/	/	7.5	/
		106Tone	RU53	/	8.5	/	/	8.5	/
		242Tone	RU61	/	9.5	/	/	9.5	/
		484Tone	RU65	/	11.5	/	/	11.5	/
		996Tone	RU67	/	13.5	/	/	13.5	/

5725-5850 MHz Band:

Test Mode	Data rate	RU Size	RU Index	ANT1_Power Level#			ANT2_ Power Level#		
				Low Channel	Middle Channel	High Channel	Low Channel	Middle Channel	High Channel
802.11a	6 Mbps	NA	NA	10	10	10	18	18	18
802.11ac20	MCS0	NA	NA	10	10	10	10	10	10
802.11ac40	MCS0	NA	NA	11	/	11	11	/	11
802.11ac80	MCS0	NA	NA	/	11	/	/	11	/
802.11ax20	MCS0	26Tone	RU0	7	7	7	7	7	7
		52Tone	RU37	8	8	8	8	8	8
		106Tone	RU53	9	9	9	9	9	9
		242Tone	RU61	10	10	10	10	10	10
802.11ax40	MCS0	26Tone	RU0	6	/	6	6	/	6
		52Tone	RU37	7	/	7	7	/	7
		106Tone	RU53	8	/	8	8	/	8
		242Tone	RU61	9	/	9	9	/	9
		484Tone	RU65	10	/	10	10	/	10
802.11ax80	MCS0	26Tone	RU0	/	6	/	/	6	/
		52Tone	RU37	/	7	/	/	7	/
		106Tone	RU53	/	8	/	/	8	/
		242Tone	RU61	/	9	/	/	9	/
		484Tone	RU65	/	10	/	/	10	/
		996Tone	RU67	/	11	/	/	11	/

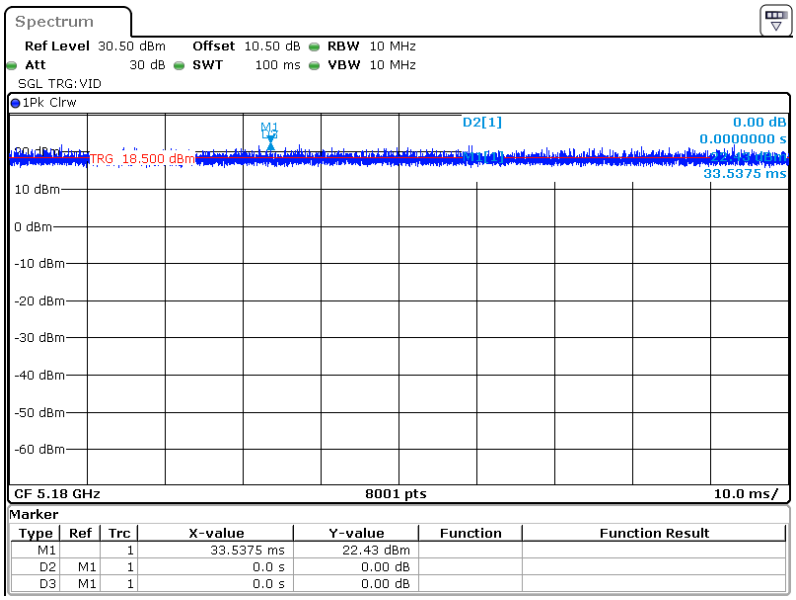
Note:
1. The above are the worst-case data rates, which are determined for each mode based upon investigations by measuring the average power and PSD across all data rates, bandwidths, and modulations.
2. According to the manufacturer, for 802.11 a mode, the device only support SISO mode.
3. According to the manufacturer, for 802.11 n/ac/ax mode, the device supports SISO and MIMO in all modes, per pretest, the MIMO mode was the worst mode for all the modes.

Duty cycle

Test Modes	Ton (ms)	Ton+off (ms)	Duty cycle (%)	Duty Cycle Factor (dB)	1/T (Hz)	VBW Setting (Hz)
802.11a	100	100	100.00	/	/	10.00
802.11ac vht20	100	100	100.00	/	/	10.00
802.11ac vht40	100	100	100.00	/	/	10.00
802.11ac vht80	100	100	100.00	/	/	10.00

The test data of 802.11ax modes please refer to the Appendix.

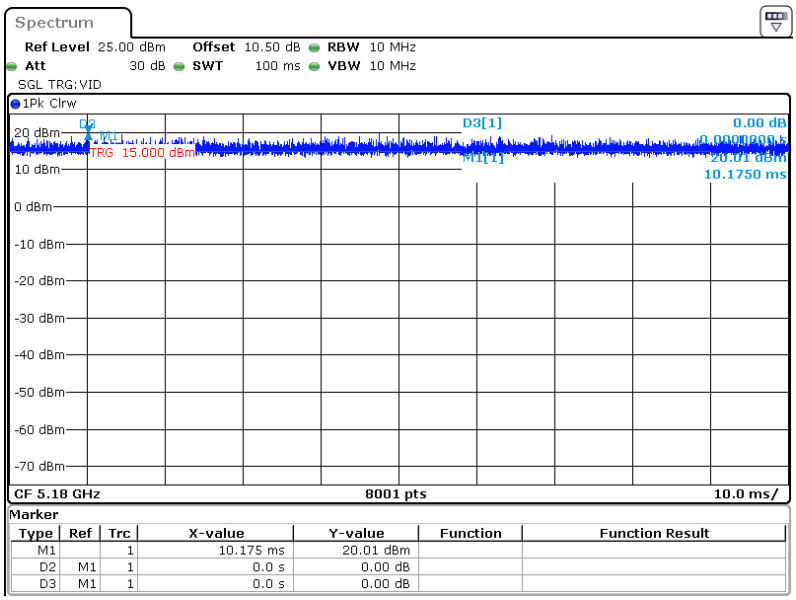
802.11a



ProjectNo.:SZ1231213-75213E Tester:Bamboo Zhan

Date: 27.FEB.2024 16:39:24

802.11ac 20



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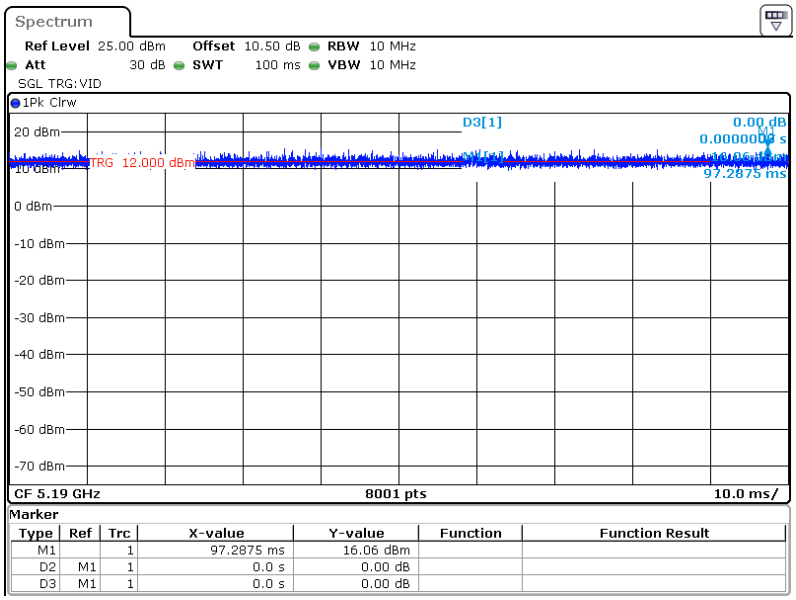
802.11ac 40



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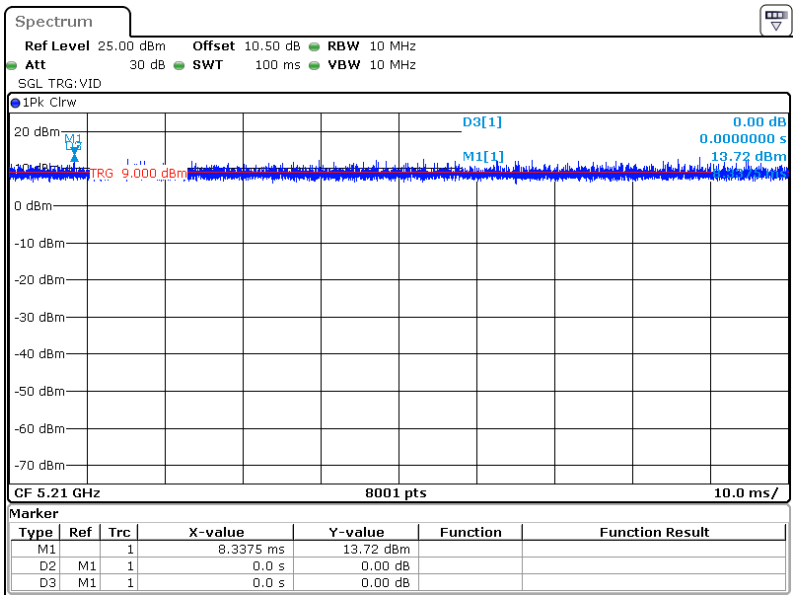
Date: 28.FEB.2024 09:04:57

802.11ac 80



ProjectNo.:SZ1231213-75213E Tester:Bamboo Zhan

Date: 28.FEB.2024 09:19:46

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

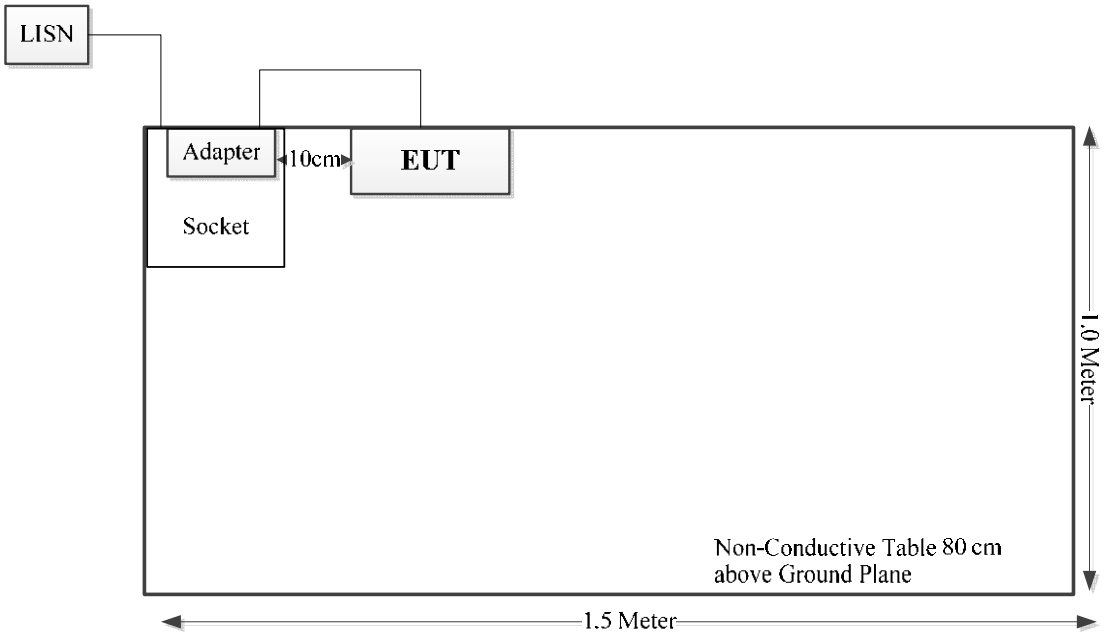
Manufacturer	Description	Model	Serial Number
Unknown	Socket	Unknown	Unknown

External I/O Cable

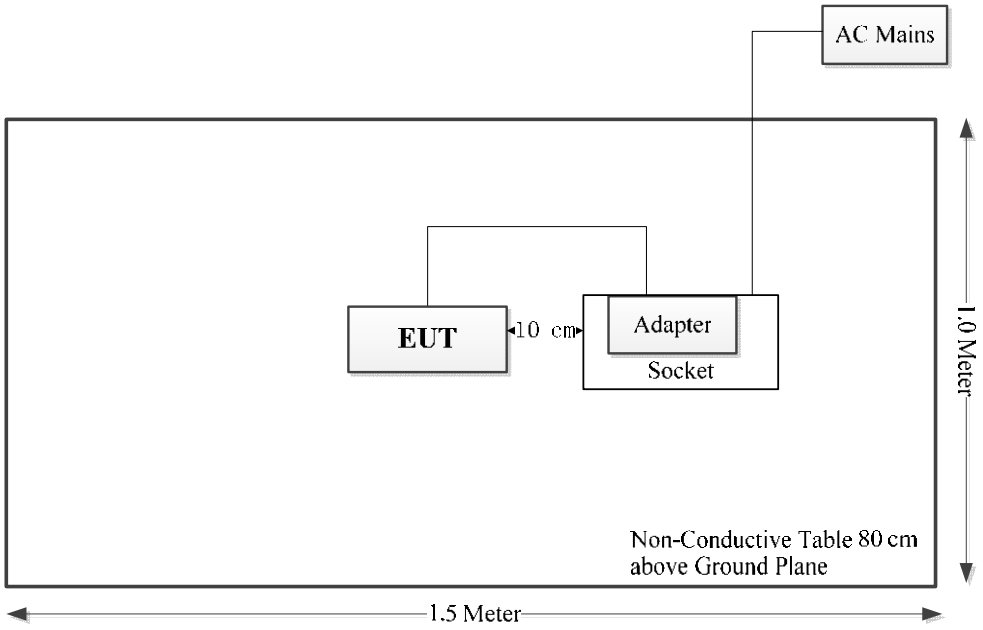
Cable Description	Length (m)	From Port	To
Un-shielding Detachable USB Cable	1.0	EUT	Adapter
Unshielded Un-detachable AC Cable	1.5	Socket	LISN/AC Main

Block Diagram of Test Setup

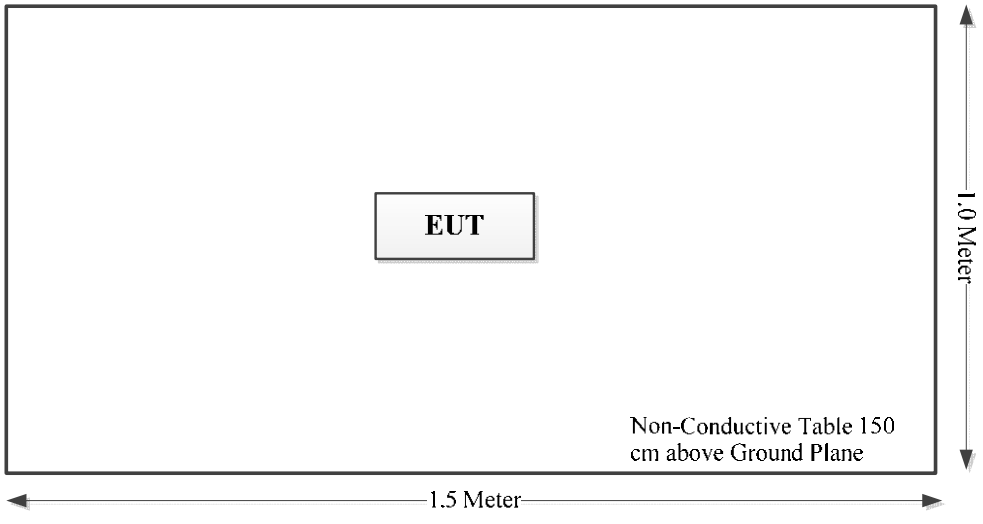
For Conducted Emissions:



Spurious emissions below 1GHz:



Spurious emissions above 1GHz:



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1307 (b) (1) & §2.1093	RF Exposure	Compliant
§15.203	Antenna Requirement	Compliant
§15.407(b)(9)& §15.207(a)	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
§15.407(a)	Conducted Transmitter Output Power	Compliant
§15.407 (a)	Power Spectral Density	Compliant
§15.407 (h)	Transmit Power Control (TPC)	Not Applicable
§15.407 (h)	Dynamic Frequency Selection (DFS)	Not Applicable

Not Applicable –The supplier declared that the equipment has no this function.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2023/02/08	2024/02/07
Rohde & Schwarz	LISN	ENV216	101613	2023/02/08	2024/02/07
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2023/08/03	2024/08/02
Unknown	CE Cable	CE Cable	UF A210B-1-0720-504504	2023/08/03	2024/08/02
Audix	EMI Test software	E3	191218	NCR	NCR
Radiated Emission Test					
R&S	EMI Test Receiver	ESR3	102455	2024/01/16	2025/01/15
Sonoma instrument	Pre-amplifier	310 N	186238	2023/06/08	2024/06/07
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2024/07/19
ETS	Passive Loop Antenna	6512	29604	2023/07/07	2024/07/06
Unknown	Cable	Chamber Cable 1	F-03-EM236	2023/08/03	2024/08/02
Unknown	Cable	Chamber Cable 4	EC-007	2023/08/03	2024/08/02
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2023/04/18	2024/04/17
COM-POWER	Pre-amplifier	PA-122	181919	2023/06/29	2024/06/28
Schwarzbeck	Horn Antenna	BBHA9120D(1201)	1143	2023/07/26	2024/07/25
Unknown	RF Cable	KMSE	0735	2023/10/08	2024/10/07
Unknown	RF Cable	UFA147	219661	2023/10/08	2024/10/07
SNSD	5G Band Reject filter	BSF5150-5850MN-0899-004	5G filter	2023/08/03	2024/08/02
A.H.System	Pre-amplifier	PAM-1840VH	190	2023/08/03	2024/08/02
Electro-Mechanics	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
RF Conducted Test					
Tonscend	RF control Unit	JS0806-2	19D8060154	2023/09/06	2024/09/05
Agilent	USB wideband power sensor	U2021XA	MY52350001	2023/06/08	2024/06/07
Rohde & Schwarz	Signal and Spectrum Analyzer	FSV40	101473	2024/01/16	2025/01/15
R&S	spectrum analyzer	FSV40	101942	2023/12/18	2024/12/17
Unknown	10dB Attenuator	Unknown	F-03-EM190	2023/07/04	2024/07/03

*** 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).

FCC§1.1307 (b) (1) & §2.1093 – RF EXPOSURE

Applicable Standard

According to FCC §2.1093 and §1.1307(b) (1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

a) According to KDB 447498 D01 General RF Exposure Guidance

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
1. f(GHz) is the RF channel transmit frequency in GHz.
2. Power and distance are rounded to the nearest mW and mm before calculation.
3. The result is rounded to one decimal place for comparison.
4. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test Exclusion.

Measurement Result

For Wi-Fi mode, please refer to SAR report: Please refer to SAR test report: SZ1231213-75213E-SA.

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to § 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 user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

a. Antenna must be permanently attached to the unit.
b. Antenna must use a unique type of connector to attach to the EUT.
c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.407 (a), if the transmitting antennas of directional gain greater than 6dBi are used, the transmit power and power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has two internal antennas which was permanently attached, and the maximum antenna gain[#] is -1.64dBi(ANT 1); -3.6dBi (ANT 2), fulfill the requirement of this section. Please refer to the EUT photos.

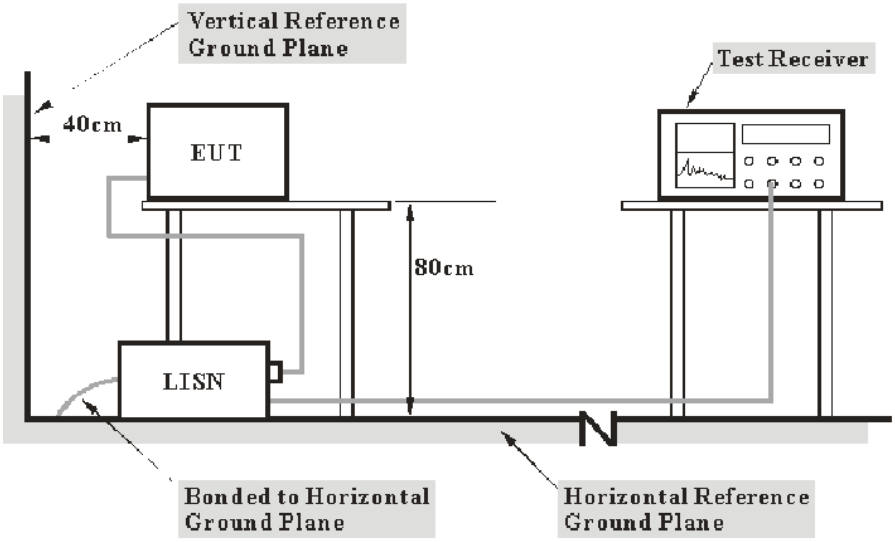
Result: Compliant

FCC §15.407 (b) (6) §15.207 (a) – CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207, §15.407(b) (6)

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 C63.10-2013 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).

Test Data

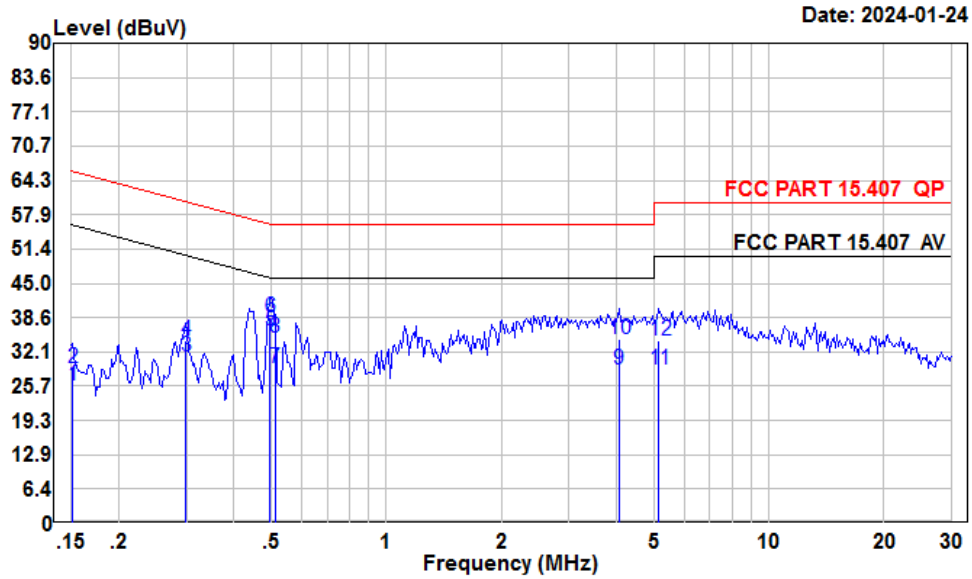
Environmental Conditions

Temperature:	25 ℃
Relative Humidity:	54 %
ATM Pressure:	101 kPa

The testing was performed by Macy Shi on 2024-01-24.

EUT operation mode: Transmitting (Maximum output power mode, 802.11 a, 5825MHz, ANT2)

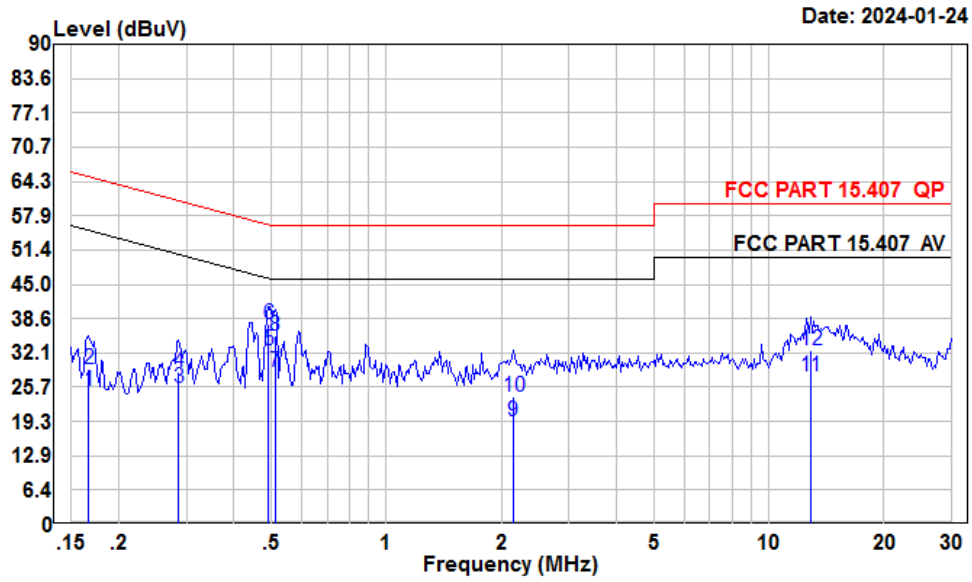
AC 120V/60 Hz, Line



Condition: Line
Project : SZ1231213-75213E-RF
Tester : Macy shi
Note : 5G WIFI

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.15	4.99	25.74	10.60	10.15	55.91	-30.17	Average
2	0.15	8.23	28.98	10.60	10.15	65.91	-36.93	QP
3	0.30	10.45	31.21	10.64	10.12	50.28	-19.07	Average
4	0.30	13.38	34.14	10.64	10.12	60.28	-26.14	QP
5	0.50	15.21	36.06	10.70	10.15	46.05	-9.99	Average
6	0.50	17.75	38.60	10.70	10.15	56.05	-17.45	QP
7	0.51	8.16	29.02	10.70	10.16	46.00	-16.98	Average
8	0.51	13.88	34.74	10.70	10.16	56.00	-21.26	QP
9	4.05	8.00	28.86	10.60	10.26	46.00	-17.14	Average
10	4.05	13.69	34.55	10.60	10.26	56.00	-21.45	QP
11	5.17	7.87	28.78	10.69	10.22	50.00	-21.22	Average
12	5.17	13.29	34.20	10.69	10.22	60.00	-25.80	QP

AC 120V/60 Hz, Neutral



Condition: Neutral
Project : SZ1231213-75213E-RF
Tester : Macy shi
Note : 5G WIFI

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	4.23	24.95	10.57	10.15	55.12	-30.17	Average
2	0.17	8.43	29.15	10.57	10.15	65.12	-35.97	QP
3	0.29	4.67	25.55	10.74	10.14	50.63	-25.08	Average
4	0.29	7.61	28.49	10.74	10.14	60.63	-32.14	QP
5	0.49	11.60	32.56	10.80	10.16	46.14	-13.58	Average
6	0.49	16.51	37.47	10.80	10.16	56.14	-18.67	QP
7	0.51	7.52	28.46	10.78	10.16	46.00	-17.54	Average
8	0.51	14.53	35.47	10.78	10.16	56.00	-20.53	QP
9	2.14	-1.56	19.34	10.70	10.20	46.00	-26.66	Average
10	2.14	3.00	23.90	10.70	10.20	56.00	-32.10	QP
11	12.85	6.94	27.72	10.61	10.17	50.00	-22.28	Average
12	12.85	11.93	32.71	10.61	10.17	60.00	-27.29	QP

§15.205 & §15.209 & §15.407(B)– UNDESIRABLE EMISSION

Applicable Standard

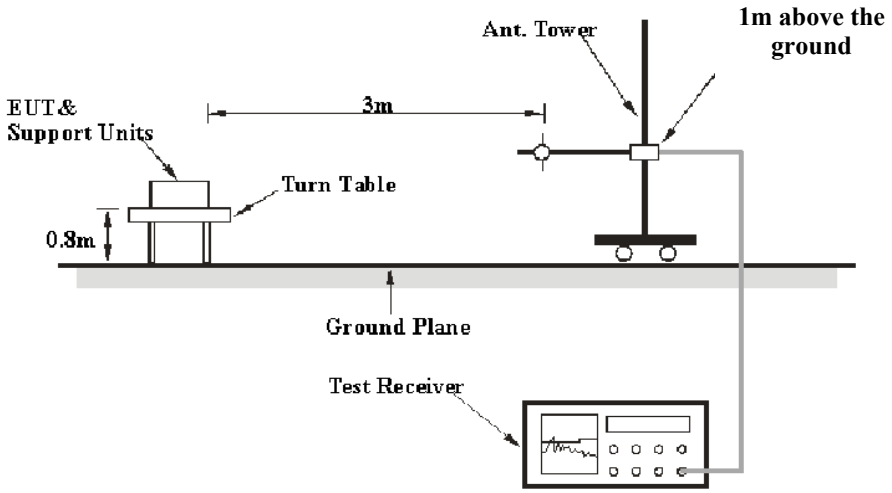
FCC §15.407 (b); §15.209; §15.205;

(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.

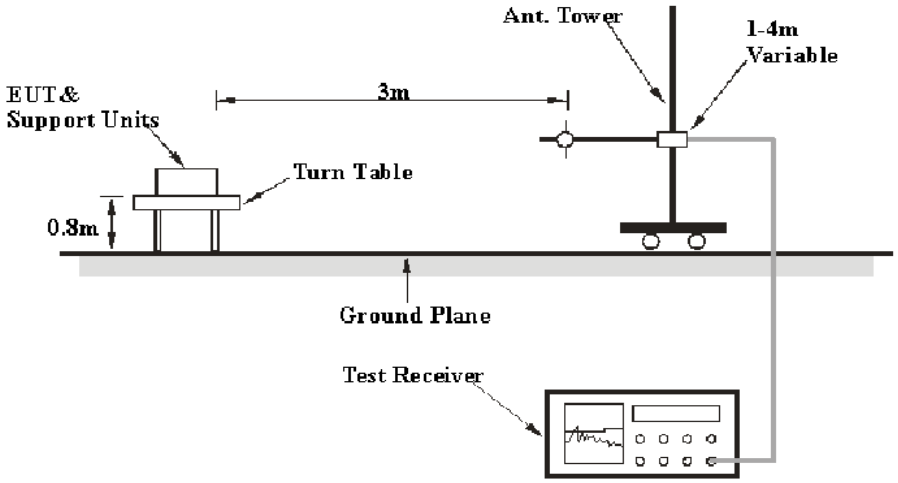
Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

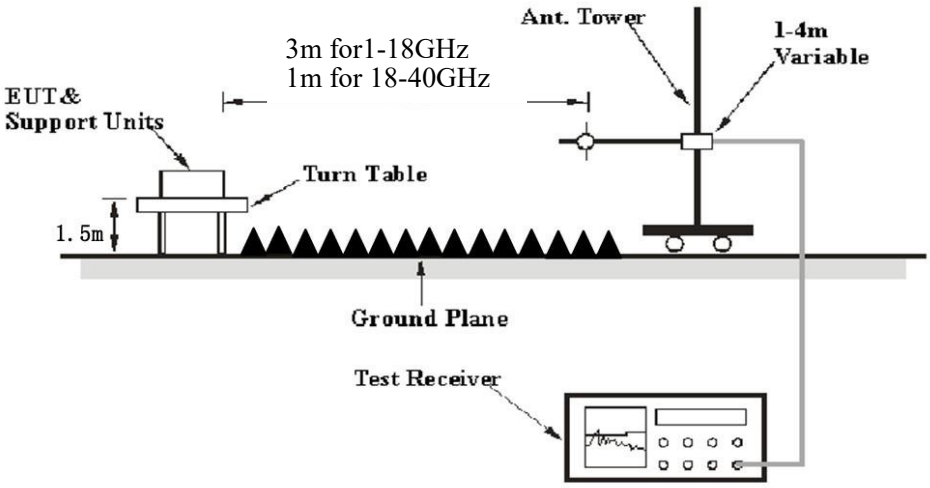
9 kHz-30MHz:



30MHz-1GHz:



Above 1 GHz:



The setup of EUT is according with per ANSI C63.10-2013 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:

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

Note: T 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.

According to ANSI C63.10-2013,9.4: For field strength measurements made at other than the distance at which the applicable limit is specified, 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). In some cases, a different distance correction factor may be required;

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

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(1/3)= -9.5 dB, for 18-40GHz range, the limit of 1m distance was added by 9.5dB from limit of 3m to compared with the result measurement at 1m 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

Test Data

Environmental Conditions

Temperature:	23~24.5 ℃
Relative Humidity:	50~55 %
ATM Pressure:	101 kPa

The testing was performed by Warren Huang on 2024-01-20 for below 1GHz and Zenos Qiao and Dylan Yang from 2024-01-27 to 2024-03-07 for above 1GHz.

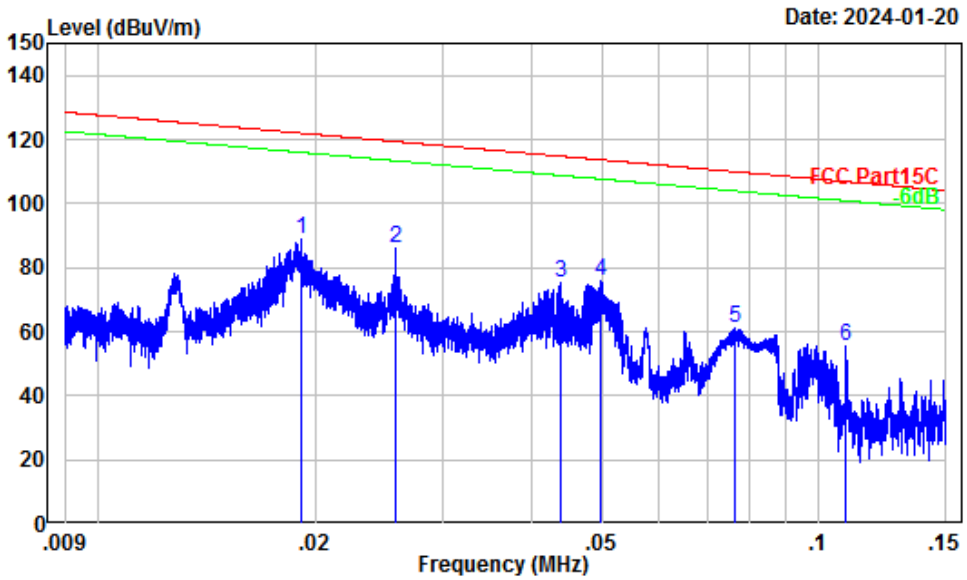
EUT operation mode: Transmitting

Note: Pre-scan in the X, Y and Z axes of orientation, the worst case Y-axis of orientation was recorded.

9 kHz-30MHz: *(Maximum output power mode, 802.11 a, 5825MHz, ANT2)*

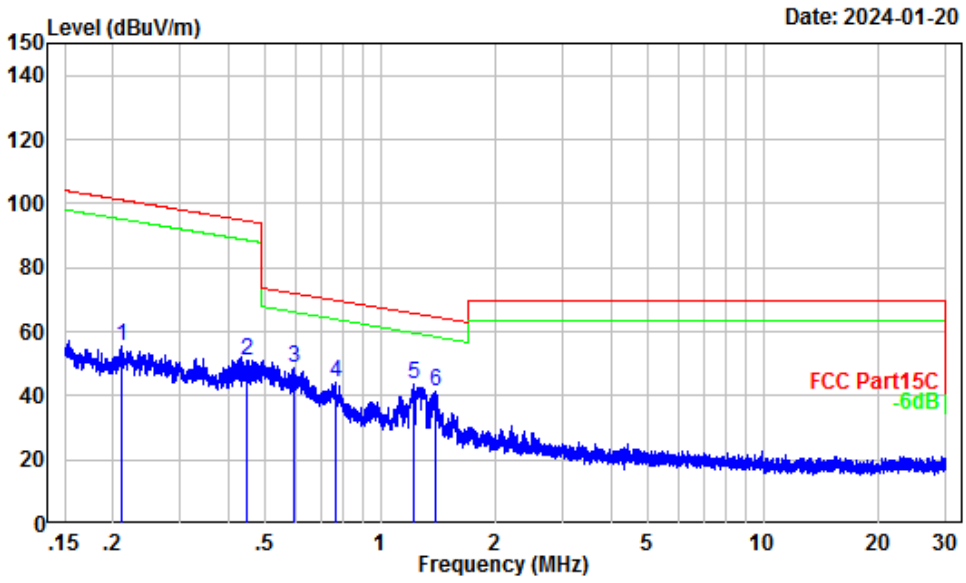
Note: When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded.

Parallel (worst case)



Site : chamber
Condition : 3m
Project Number: SZ1231213-75213E-RF
Note : 5G WIFI
Tester : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.02	50.50	38.55	89.05	121.96	-32.91	Peak
2	0.03	48.44	37.65	86.09	119.36	-33.27	Peak
3	0.04	42.93	32.31	75.24	114.79	-39.55	Peak
4	0.05	41.04	34.67	75.71	113.64	-37.93	Peak
5	0.08	37.36	23.55	60.91	109.94	-49.03	Peak
6	0.11	33.67	22.02	55.69	106.86	-51.17	Peak

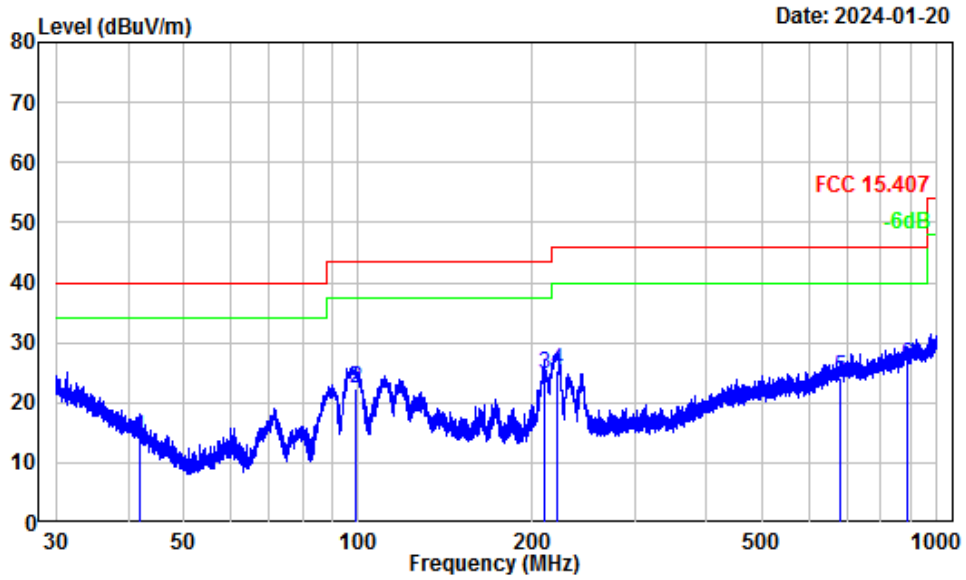


Site : chamber
Condition : 3m
Project Number: SZ1231213-75213E-RF
Note : 5G WIFI
Tester : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.21	28.61	26.72	55.33	101.13	-45.80	Peak
2	0.45	21.66	29.50	51.16	94.55	-43.39	Peak
3	0.60	19.74	29.04	48.78	72.06	-23.28	Peak
4	0.76	17.44	26.56	44.00	69.87	-25.87	Peak
5	1.23	14.33	29.43	43.76	65.67	-21.91	Peak
6	1.40	13.47	27.94	41.41	64.50	-23.09	Peak

30 MHz–1 GHz: *(Maximum output power mode, 802.11 a, 5825MHz, ANT2)*

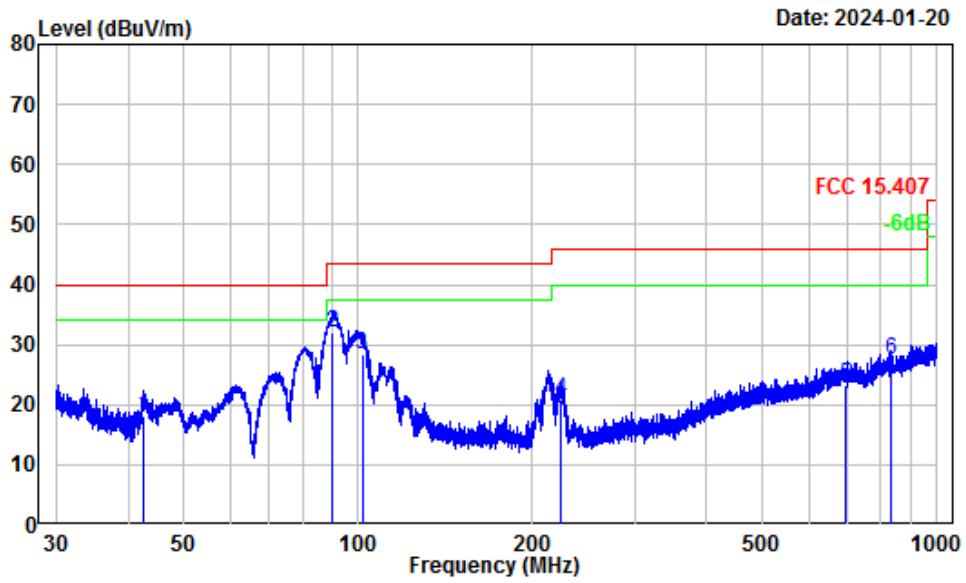
Horizontal



Site : chamber
Condition : 3m Horizontal
Project Number: SZ1231213-75213E-RF
Note : 5G WIFI
Tester : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	41.79	-11.53	25.64	14.11	40.00	-25.89	QP
2	98.79	-14.08	36.50	22.42	43.50	-21.08	QP
3	209.68	-11.19	35.80	24.61	43.50	-18.89	QP
4	220.91	-11.37	36.63	25.26	46.00	-20.74	QP
5	682.95	-1.83	25.92	24.09	46.00	-21.91	QP
6	886.83	0.80	25.36	26.16	46.00	-19.84	QP

Vertical



Site : chamber
Condition : 3m Vertical
Project Number: SZ1231213-75213E-RF
Note : 5G WIFI
Tester : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	42.47	-13.29	31.55	18.26	40.00	-21.74	QP
2	90.34	-17.29	49.14	31.85	43.50	-11.65	QP
3	101.51	-14.79	43.24	28.45	43.50	-15.05	QP
4	224.22	-12.24	32.98	20.74	46.00	-25.26	QP
5	694.11	-2.02	25.12	23.10	46.00	-22.90	QP
6	834.05	-0.28	27.80	27.52	46.00	-18.48	QP

Above 1GHz:

5150-5250 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a (ANT 1)									
5180MHz									
10360.00	50.89	PK	231	1.3	H	13.07	63.96	68.2	-4.24
10360.00	50.18	PK	231	1.3	V	13.07	63.25	68.2	-4.95
5200MHz									
10400.00	51.45	PK	145	2.2	H	13.12	64.57	68.2	-3.63
10400.00	50.72	PK	145	2.2	V	13.12	63.84	68.2	-4.36
5240MHz									
10480.00	52.06	PK	206	2.5	H	13.07	65.13	68.2	-3.07
10480.00	51.21	PK	206	2.5	V	13.07	64.28	68.2	-3.92
802.11a (ANT 2)									
5180MHz									
10360.00	49.96	PK	55	1.6	H	13.07	63.03	68.2	-5.17
10360.00	49.17	PK	55	1.6	V	13.07	62.24	68.2	-5.96
5200MHz									
10400.00	50.53	PK	261	1.7	H	13.12	63.65	68.2	-4.55
10400.00	49.75	PK	261	1.7	V	13.12	62.87	68.2	-5.33
5240MHz									
10480.00	51.18	PK	45	1.6	H	13.07	64.25	68.2	-3.95
10480.00	50.35	PK	45	1.6	V	13.07	63.42	68.2	-4.78
802.11ac20									
5180MHz									
10360.00	51.23	PK	181	2.4	H	13.07	64.30	68.2	-3.90
10360.00	50.54	PK	181	2.4	V	13.07	63.61	68.2	-4.59
5200MHz									
10400.00	51.68	PK	92	2.4	H	13.12	64.80	68.2	-3.40
10400.00	50.95	PK	92	2.4	V	13.12	64.07	68.2	-4.13
5240MHz									
10480.00	52.12	PK	232	1.6	H	13.07	65.19	68.2	-3.01
10480.00	51.31	PK	232	1.6	V	13.07	64.38	68.2	-3.82

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11ac40									
5190MHz									
10380.00	49.54	PK	257	1.0	H	13.09	62.63	68.2	-5.57
10380.00	48.75	PK	257	1.0	V	13.09	61.84	68.2	-6.36
5230MHz									
10460.00	51.77	PK	311	2.2	H	13.09	64.86	68.2	-3.34
10460.00	50.93	PK	311	2.2	V	13.09	64.02	68.2	-4.18
802.11ac80									
5210MHz									
10420.00	50.39	PK	209	1.6	H	13.12	63.51	68.2	-4.69
10420.00	49.64	PK	209	1.6	V	13.12	62.76	68.2	-5.44
802.11ax20									
5180MHz_242Tone_RU61									
10360.00	51.32	PK	4	1.3	H	13.07	64.39	68.2	-3.81
10360.00	50.53	PK	4	1.3	V	13.07	63.60	68.2	-4.60
5200MHz_242Tone_RU61									
10400.00	51.51	PK	13	1.1	H	13.12	64.63	68.2	-3.57
10400.00	50.74	PK	13	1.1	V	13.12	63.86	68.2	-4.34
5240MHz_242Tone_RU61									
10480.00	51.78	PK	289	2.5	H	13.07	64.85	68.2	-3.35
10480.00	50.95	PK	289	2.5	V	13.07	64.02	68.2	-4.18
802.11ax40									
5190MHz_484Tone_RU65									
10380.00	49.92	PK	2	1.7	H	13.09	63.01	68.2	-5.19
10380.00	49.15	PK	2	1.7	V	13.09	62.24	68.2	-5.96
5230MHz_484Tone_RU65									
10460.00	51.16	PK	104	2.2	H	13.09	64.25	68.2	-3.95
10460.00	50.33	PK	104	2.2	V	13.09	63.42	68.2	-4.78
802.11ax80									
5210MHz_996Tone_RU67									
10420.00	49.54	PK	23	1.2	H	13.12	62.66	68.2	-5.54
10420.00	48.89	PK	23	1.2	V	13.12	62.01	68.2	-6.19

5725-5850 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a (ANT 1)									
5745MHz									
11490.00	49.72	PK	281	1.7	H	14.31	64.03	74	-9.97
11490.00	34.66	AV	281	1.7	H	14.31	48.97	54	-5.03
11490.00	50.53	PK	131	1.4	V	14.31	64.84	74	-9.16
11490.00	35.94	AV	131	1.4	V	14.31	50.25	54	-3.75
5785MHz									
11570.00	45.63	PK	357	1.9	H	14.05	59.68	74	-14.32
11570.00	35.18	AV	357	1.9	H	14.05	49.23	54	-4.77
11570.00	50.23	PK	346	1.2	V	14.05	64.28	74	-9.72
11570.00	36.63	AV	346	1.2	V	14.05	50.68	54	-3.32
5825MHz									
11650.00	46.17	PK	199	1.6	H	13.83	60.00	74	-14.00
11650.00	35.88	AV	199	1.6	H	13.83	49.71	54	-4.29
11650.00	50.25	PK	292	2.4	V	13.83	64.08	74	-9.92
11650.00	36.55	AV	292	2.4	V	13.83	50.38	54	-3.62
802.11a (ANT 2)									
5745MHz									
11490.00	47.33	PK	209	1.7	H	14.31	61.64	74	-12.36
11490.00	33.62	AV	209	1.7	H	14.31	47.93	54	-6.07
11490.00	48.58	PK	139	1.5	V	14.31	62.89	74	-11.11
11490.00	36.58	AV	139	1.5	V	14.31	50.89	54	-3.11
5785MHz									
11570.00	47.02	PK	342	1.3	H	14.05	61.07	74	-12.93
11570.00	32.06	AV	342	1.3	H	14.05	46.11	54	-7.89
11570.00	48.97	PK	218	2.1	V	14.05	63.02	74	-10.98
11570.00	36.04	AV	218	2.1	V	14.05	50.09	54	-3.91
5825MHz									
11650.00	46.78	PK	56	1.7	H	13.83	60.61	74	-13.39
11650.00	31.91	AV	56	1.7	H	13.83	45.74	54	-8.26
11650.00	49.02	PK	148	1.5	V	13.83	62.85	74	-11.15
11650.00	36.22	AV	148	1.5	V	13.83	50.05	54	-3.95

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11ac20									
5745MHz									
11490.00	44.95	PK	327	1.1	H	14.31	59.26	74	-14.74
11490.00	34.22	AV	327	1.1	H	14.31	48.53	54	-5.47
11490.00	48.66	PK	338	1.4	V	14.31	62.97	74	-11.03
11490.00	36.38	AV	338	1.4	V	14.31	50.69	54	-3.31
5785MHz									
11570.00	44.54	PK	118	1.9	H	14.05	58.59	74	-15.41
11570.00	33.16	AV	118	1.9	H	14.05	47.21	54	-6.79
11570.00	49.59	PK	278	2.3	V	14.05	63.64	74	-10.36
11570.00	36.29	AV	278	2.3	V	14.05	50.34	54	-3.66
5825MHz									
11650.00	44.85	PK	29	1.7	H	13.83	58.68	74	-15.32
11650.00	33.26	AV	29	1.7	H	13.83	47.09	54	-6.91
11650.00	49.53	PK	182	1.0	V	13.83	63.36	74	-10.64
11650.00	36.51	AV	182	1.0	V	13.83	50.34	54	-3.66
802.11ac40									
5755MHz									
11510.00	45.19	PK	124	1.8	H	14.29	59.48	74	-14.52
11510.00	33.52	AV	124	1.8	H	14.29	47.81	54	-6.19
11510.00	47.49	PK	5	2.1	V	14.29	61.78	74	-12.22
11510.00	35.16	AV	5	2.1	V	14.29	49.45	54	-4.55
5795MHz									
11590.00	45.44	PK	332	1.7	H	13.97	59.41	74	-14.59
11590.00	31.02	AV	332	1.7	H	13.97	44.99	54	-9.01
11590.00	49.29	PK	131	1.7	V	13.97	63.26	74	-10.74
11590.00	32.08	AV	131	1.7	V	13.97	46.05	54	-7.95
802.11ac80									
5775MHz									
11550.00	46.54	PK	229	1.8	H	14.13	60.67	74	-13.33
11550.00	35.01	AV	229	1.8	H	14.13	49.14	54	-4.86
11550.00	47.98	PK	147	1.3	V	14.13	62.11	74	-11.89
11550.00	35.87	AV	147	1.3	V	14.13	50.00	54	-4.00

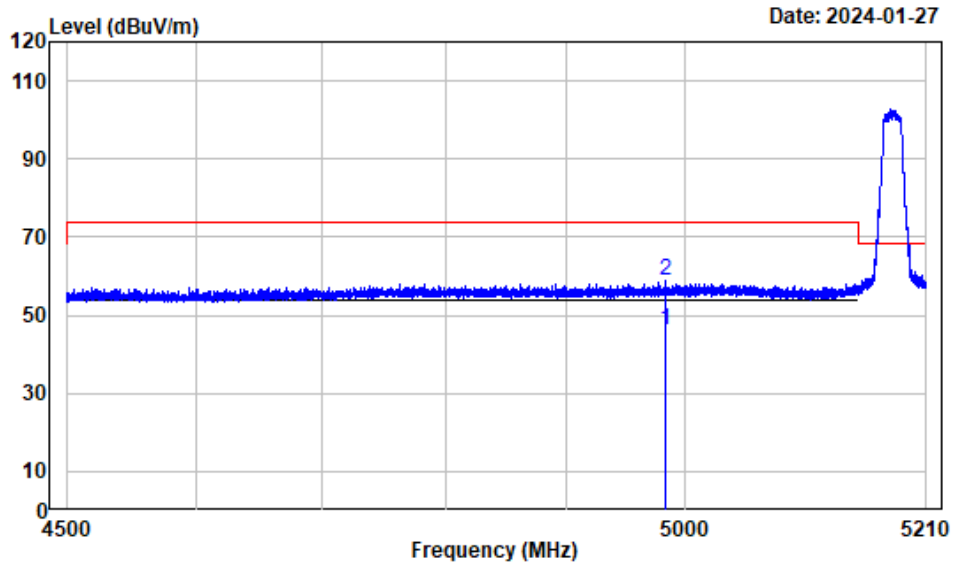
Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11ax20									
5745MHz_242Tone_RU61									
11490.00	49.25	PK	199	2.2	H	14.31	63.56	74	-10.44
11490.00	35.42	AV	199	2.2	H	14.31	49.73	54	-4.27
11490.00	50.31	PK	150	2.2	V	14.31	64.62	74	-9.38
11490.00	36.54	AV	150	2.2	V	14.31	50.85	54	-3.15
5785MHz_242Tone_RU61									
11570.00	48.89	PK	190	1.1	H	14.05	62.94	74	-11.06
11570.00	35.21	AV	190	1.1	H	14.05	49.26	54	-4.74
11570.00	49.75	PK	113	2.4	V	14.05	63.80	74	-10.20
11570.00	36.08	AV	113	2.4	V	14.05	50.13	54	-3.87
5825MHz_242Tone_RU61									
11650.00	48.57	PK	21	1.1	H	13.83	62.40	74	-11.60
11650.00	34.96	AV	21	1.1	H	13.83	48.79	54	-5.21
11650.00	49.34	PK	56	2.1	V	13.83	63.17	74	-10.83
11650.00	35.85	AV	56	2.1	V	13.83	49.68	54	-4.32
802.11ax40									
5755MHz_484Tone_RU65									
11510.00	48.48	PK	55	1.0	H	14.29	62.77	74	-11.23
11510.00	35.57	AV	55	1.0	H	14.29	49.86	54	-4.14
11510.00	49.32	PK	113	1.1	V	14.29	63.61	74	-10.39
11510.00	36.71	AV	113	1.1	V	14.29	51.00	54	-3.00
5795MHz_484Tone_RU65									
11590.00	47.99	PK	74	2.3	H	13.97	61.96	74	-12.04
11590.00	34.68	AV	74	2.3	H	13.97	48.65	54	-5.35
11590.00	49.02	PK	124	1.2	V	13.97	62.99	74	-11.01
11590.00	36.35	AV	124	1.2	V	13.97	50.32	54	-3.68
802.11ax80									
5775MHz_996Tone_RU67									
11550.00	47.85	PK	145	2.3	H	14.13	61.98	74	-12.02
11550.00	35.24	AV	145	2.3	H	14.13	49.37	54	-4.63
11550.00	49.52	PK	154	1.5	V	14.13	63.65	74	-10.35
11550.00	36.17	AV	154	1.5	V	14.13	50.30	54	-3.70

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.

Test plots for Band Edge Measurements (Radiated)

5150-5250MHz:

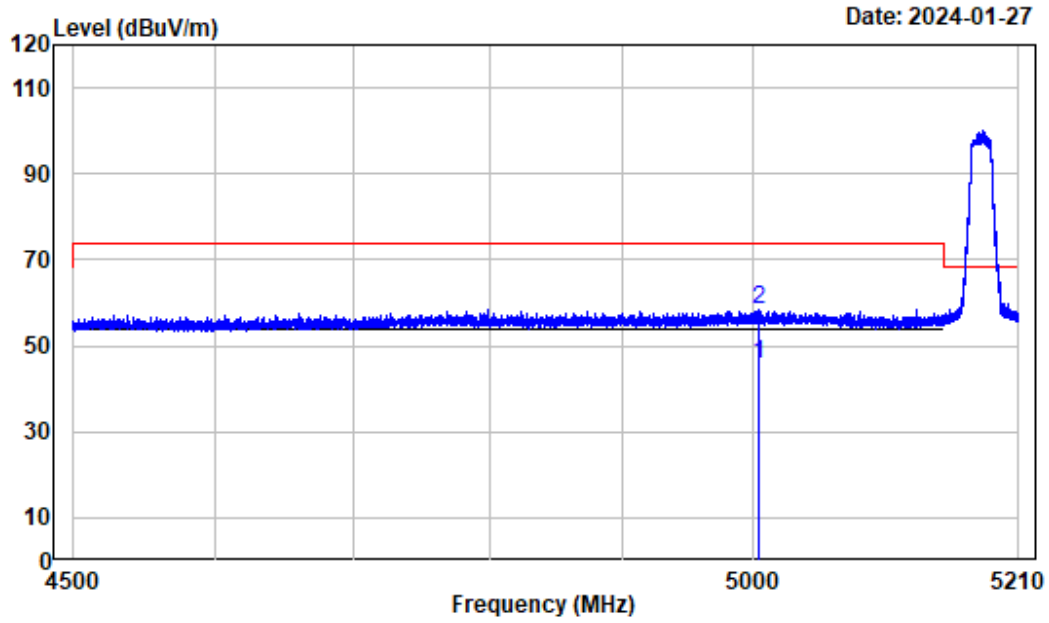
802.11a, ANT 1			
Test Channel:	**5180MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4983.333	2.85	43.12	45.97	54.00	Average	-8.03
2	4983.333	2.85	55.81	58.66	74.00	Peak	-15.34

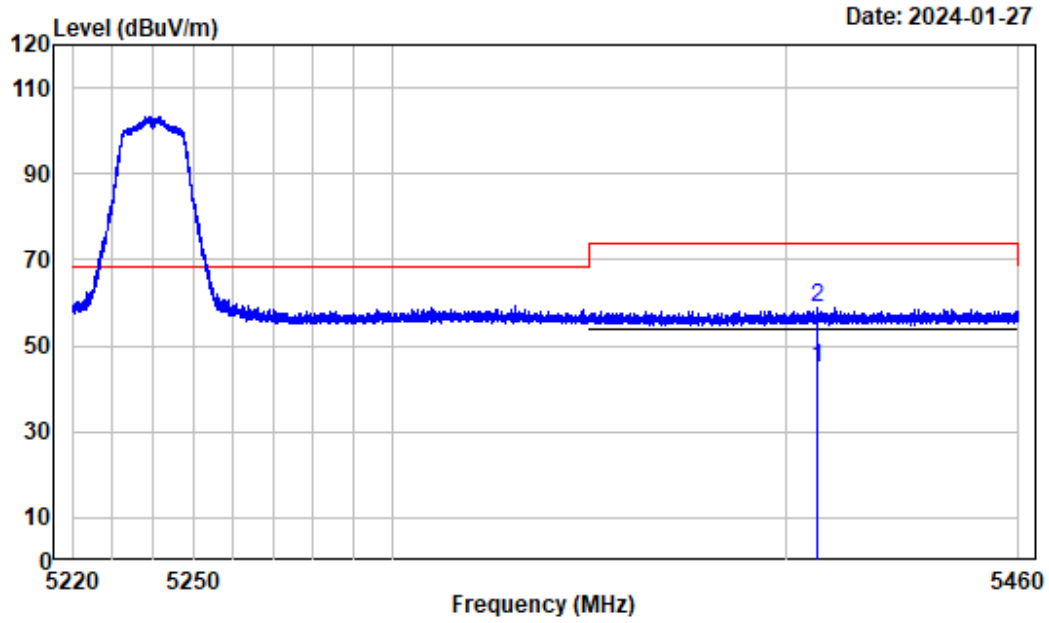
802.11a, ANT 1			
Test Channel:	**5180MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5004.544	2.97	42.75	45.72	54.00	Average	-8.28
2	5004.544	2.97	55.42	58.39	74.00	Peak	-15.61

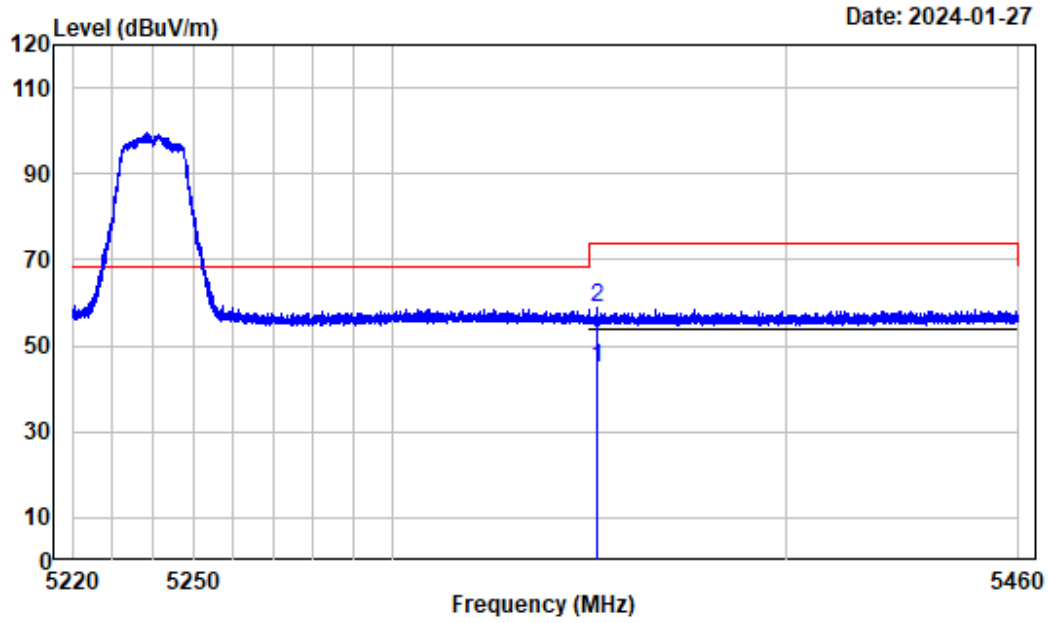
802.11a, ANT 1			
Test Channel:	**5240MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5407.860	3.00	42.05	45.05	54.00	Average	-8.95
2	5407.860	3.00	56.06	59.06	74.00	Peak	-14.94

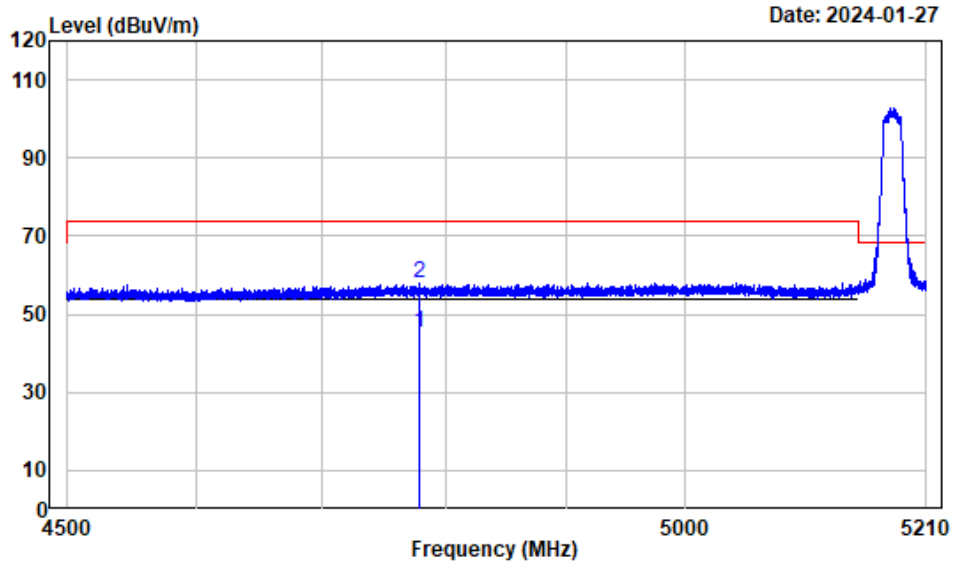
802.11a, ANT 1			
Test Channel:	**5240MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5351.850	2.91	41.94	44.85	54.00	Average	-9.15
2	5351.850	2.91	56.00	58.91	74.00	Peak	-15.09

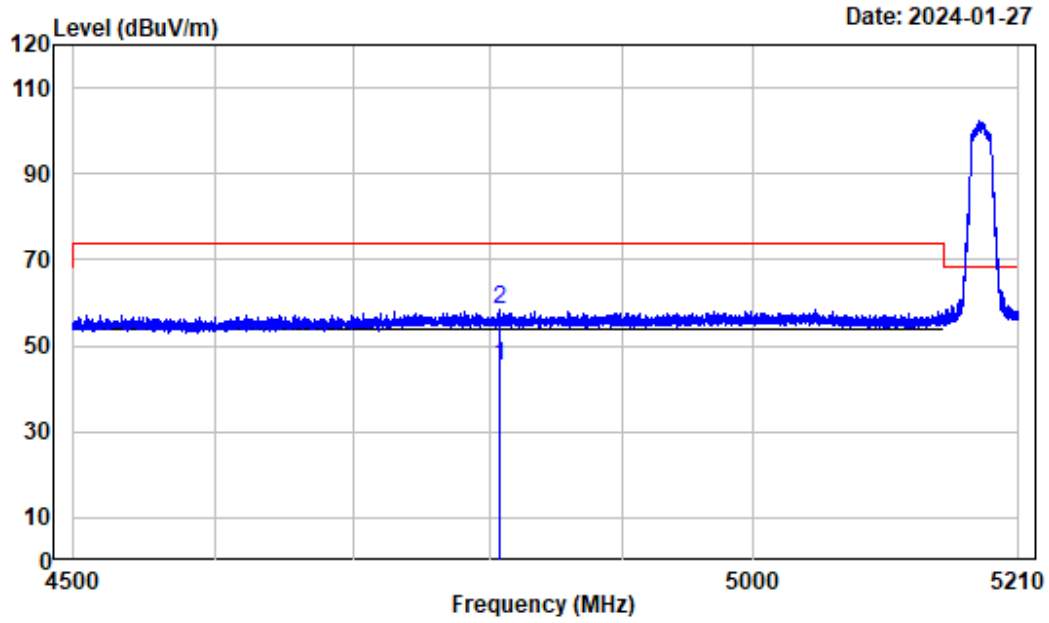
802.11a, ANT 2			
Test Channel:	**5180MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4779.296	2.44	42.85	45.29	54.00	Average	-8.71
2	4779.296	2.44	55.73	58.17	74.00	Peak	-15.83

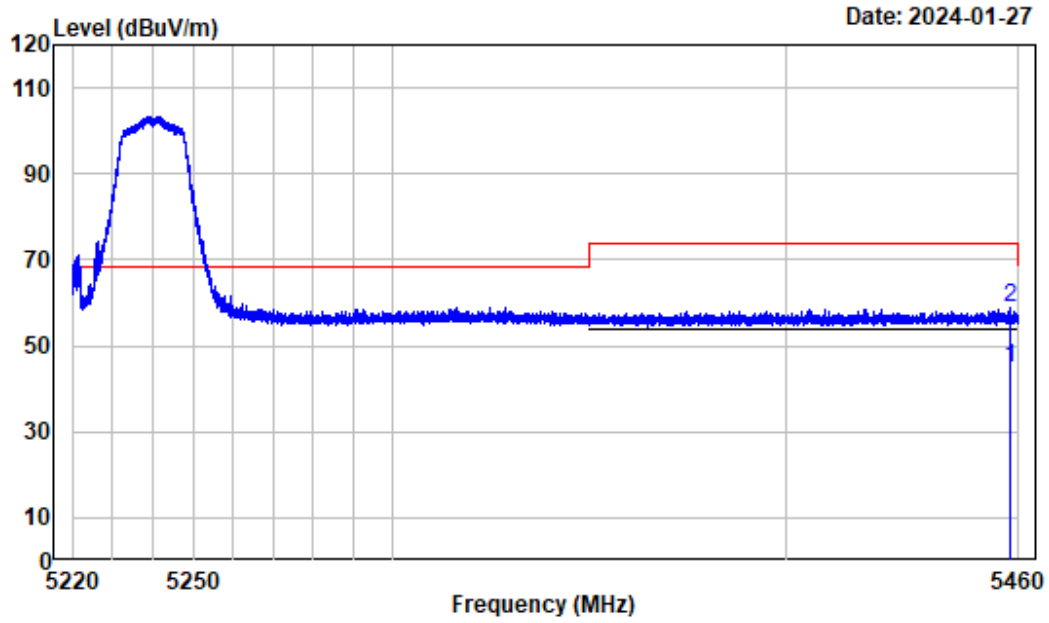
802.11a, ANT 2			
Test Channel:	**5180MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4807.252	2.43	42.88	45.31	54.00	Average	-8.69
2	4807.252	2.43	56.14	58.57	74.00	Peak	-15.43

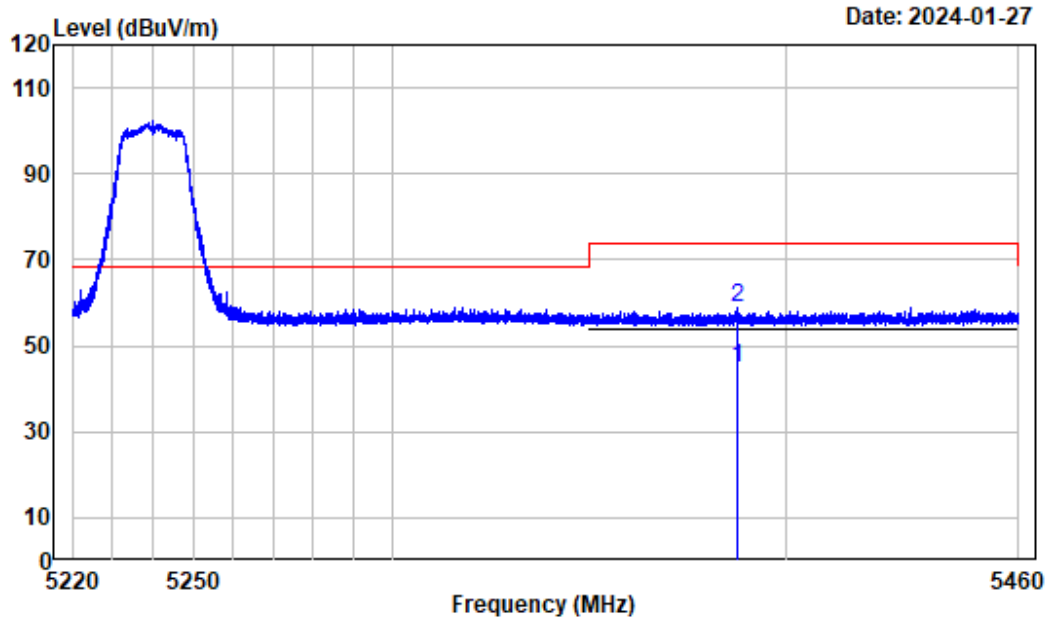
802.11a, ANT 2			
Test Channel:	**5240MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5457.810	3.06	41.93	44.99	54.00	Average	-9.01
2	5457.810	3.06	56.00	59.06	74.00	Peak	-14.94

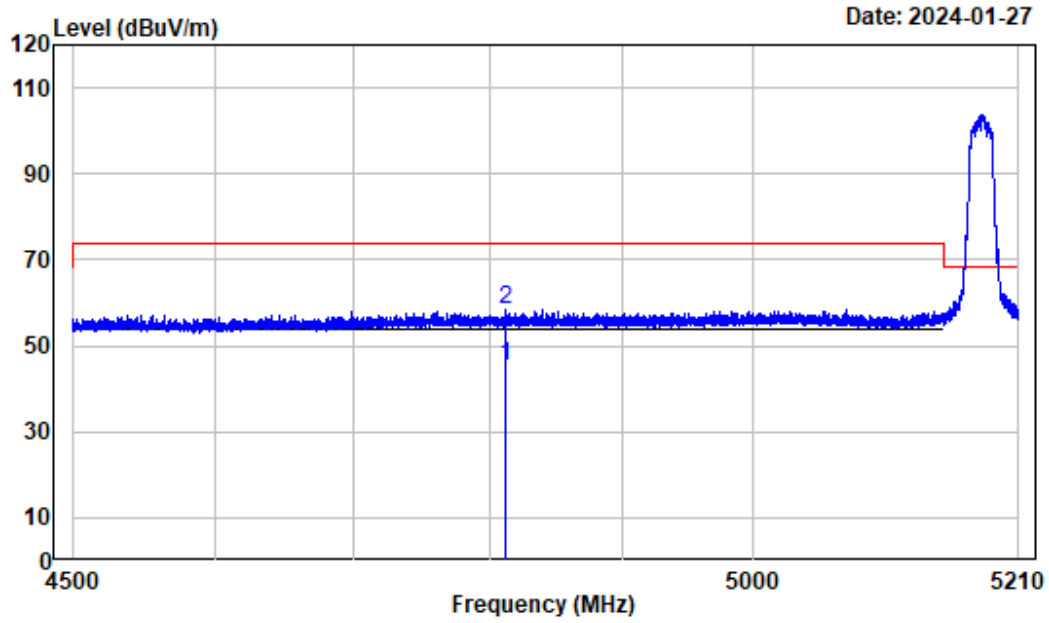
802.11a, ANT 2			
Test Channel:	**5240MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5387.460	2.96	42.02	44.98	54.00	Average	-9.02
2	5387.460	2.96	55.87	58.83	74.00	Peak	-15.17

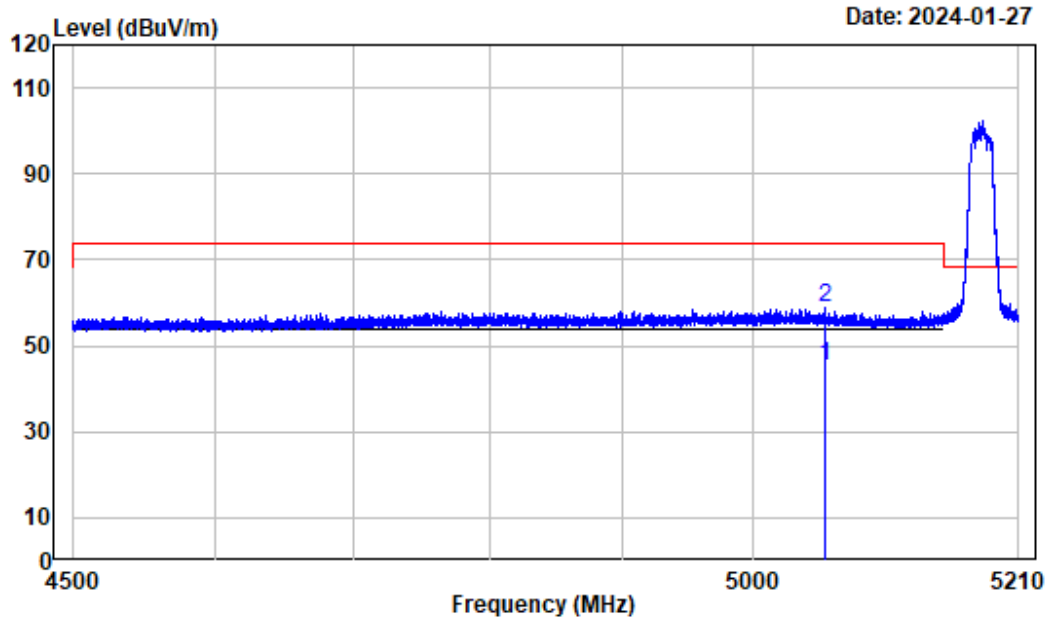
802.11ac20			
Test Channel:	**5180MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC20-5180

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4812.045	2.43	42.65	45.08	54.00	Average	-8.92
2	4812.045	2.43	56.09	58.52	74.00	Peak	-15.48

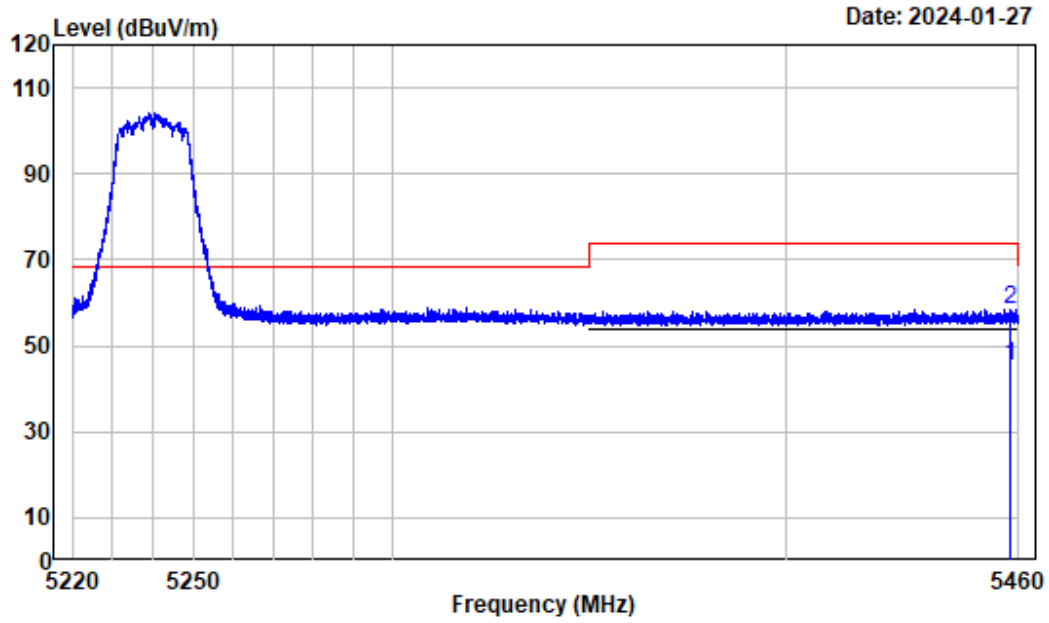
802.11ac20			
Test Channel:	**5180MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC20-5180

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5055.575	2.93	42.43	45.36	54.00	Average	-8.64
2	5055.575	2.93	55.99	58.92	74.00	Peak	-15.08

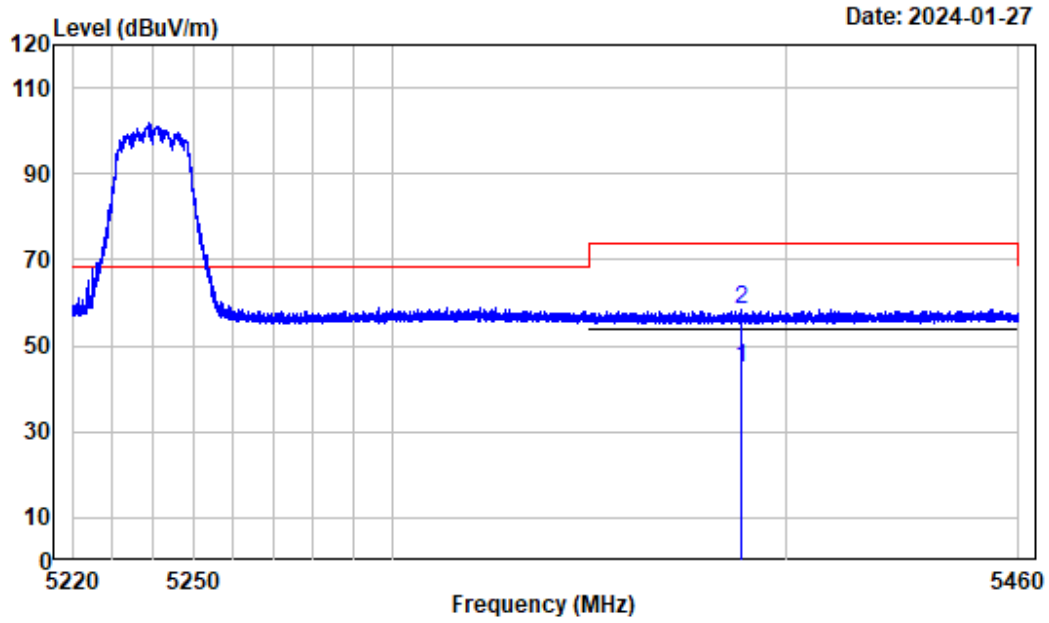
802.11ac20			
Test Channel:	**5240MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC20-5240

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5457.720	3.06	42.19	45.25	54.00	Average	-8.75
2	5457.720	3.06	55.45	58.51	74.00	Peak	-15.49

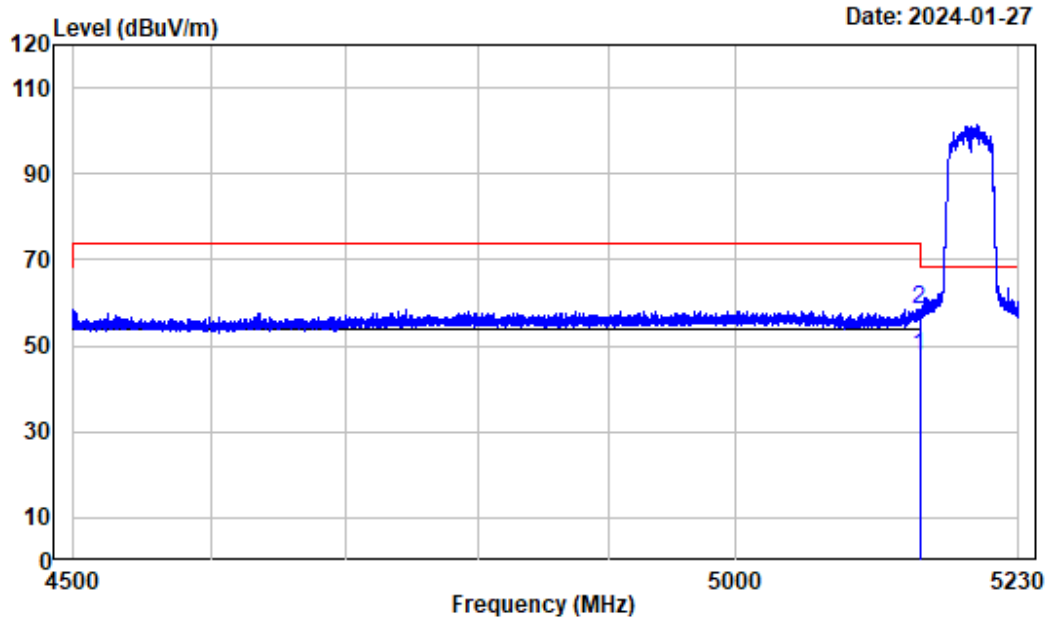
802.11ac20			
Test Channel:	**5240MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC20-5240

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5388.750	2.97	41.97	44.94	54.00	Average	-9.06
2	5388.750	2.97	55.53	58.50	74.00	Peak	-15.50

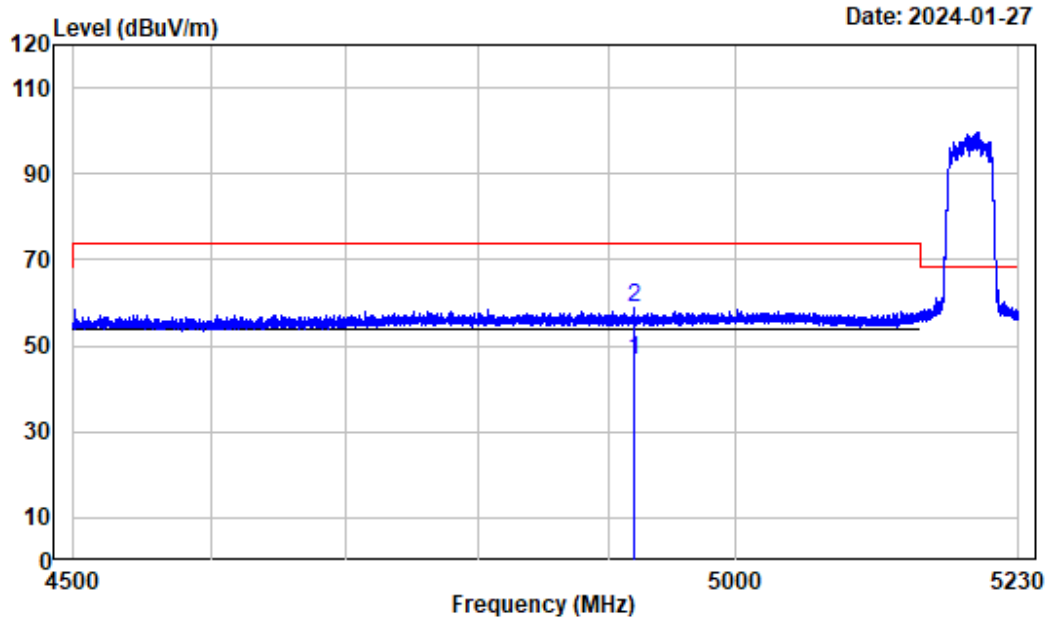
802.11ac40			
Test Channel:	**5190MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC40-5190

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5148.422	2.70	44.84	47.54	54.00	Average	-6.46
2	5148.422	2.70	55.92	58.62	74.00	Peak	-15.38

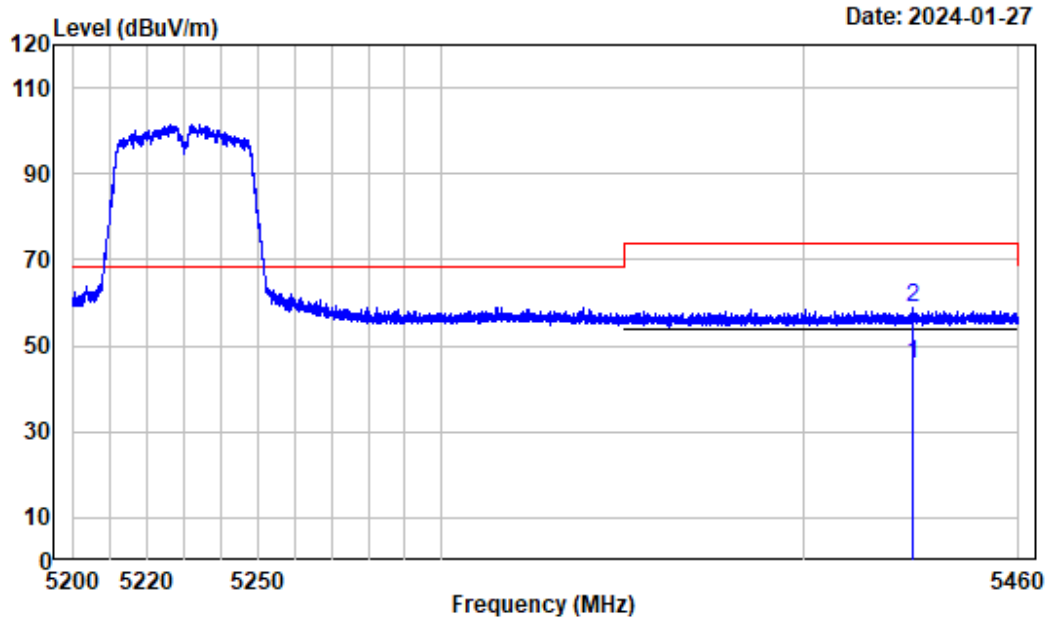
802.11ac40			
Test Channel:	**5190MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC40-5190

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4919.567	2.62	44.20	46.82	54.00	Average	-7.18
2	4919.567	2.62	56.07	58.69	74.00	Peak	-15.31

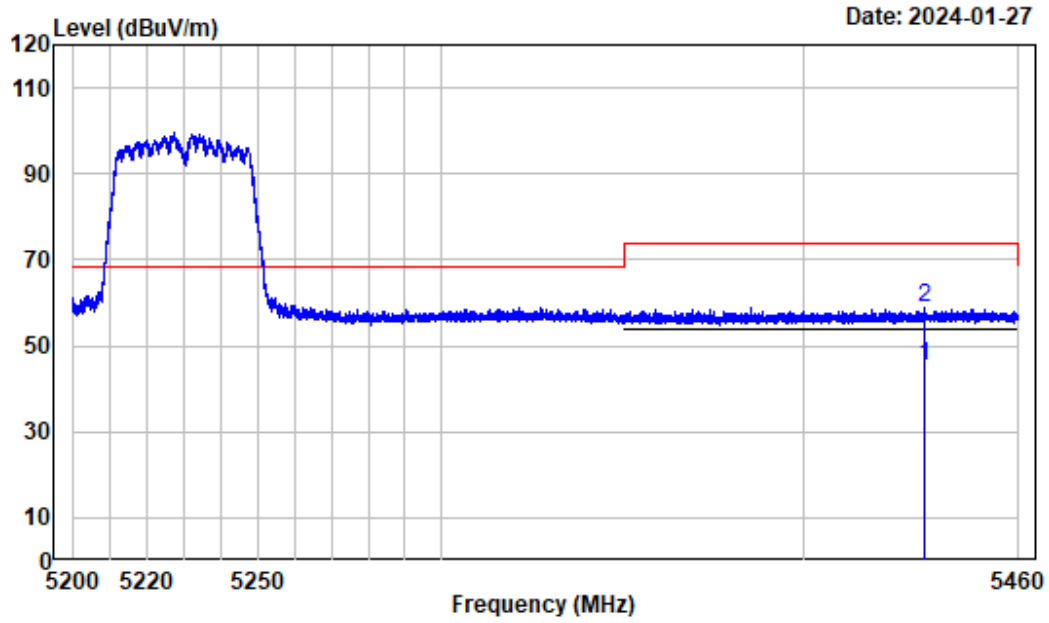
802.11ac40			
Test Channel:	**5230MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC40-5230

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5430.356	3.04	42.55	45.59	54.00	Average	-8.41
2	5430.356	3.04	55.74	58.78	74.00	Peak	-15.22

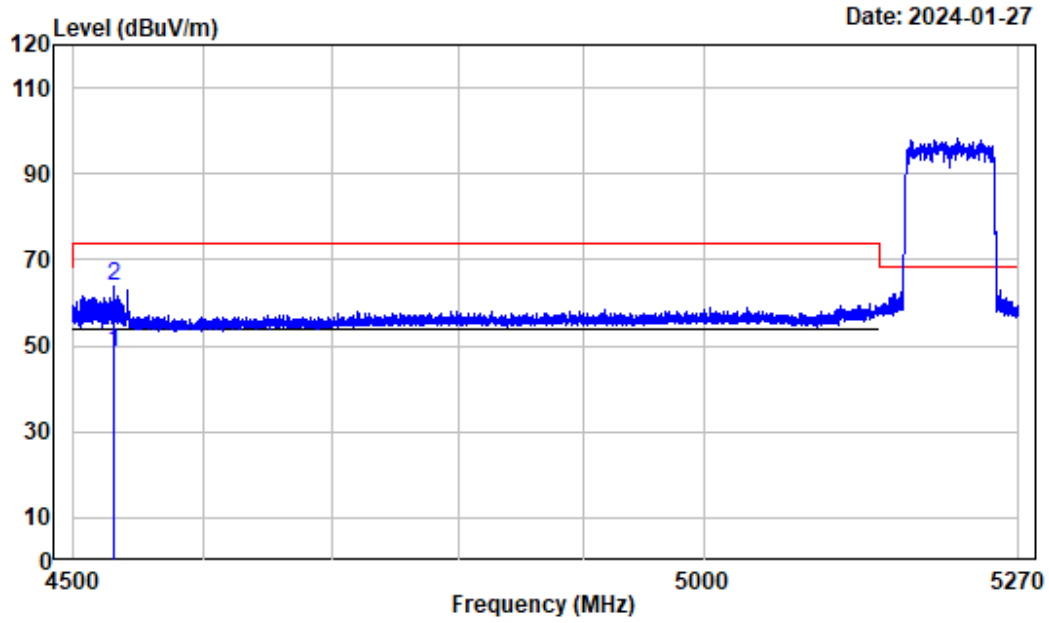
802.11ac40			
Test Channel:	**5230MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC40-5230

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5433.675	3.04	42.32	45.36	54.00	Average	-8.64
2	5433.675	3.04	55.77	58.81	74.00	Peak	-15.19

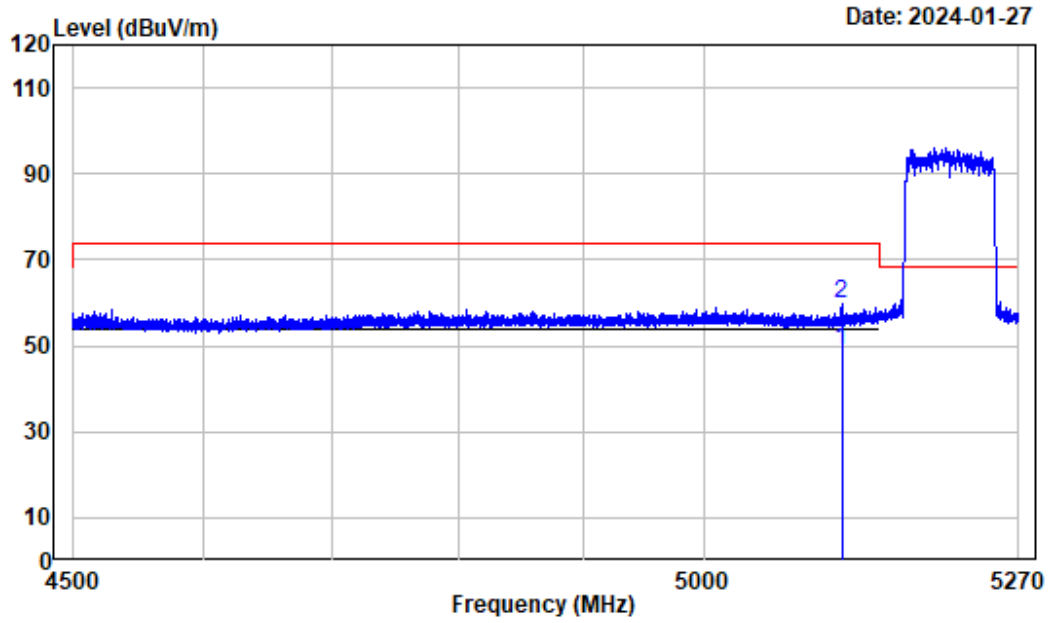
802.11ac80			
Test Channel:	**5210MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4531.474	1.52	46.94	48.46	54.00	Average	-5.54
2	4531.474	1.52	62.16	63.68	74.00	Peak	-10.32

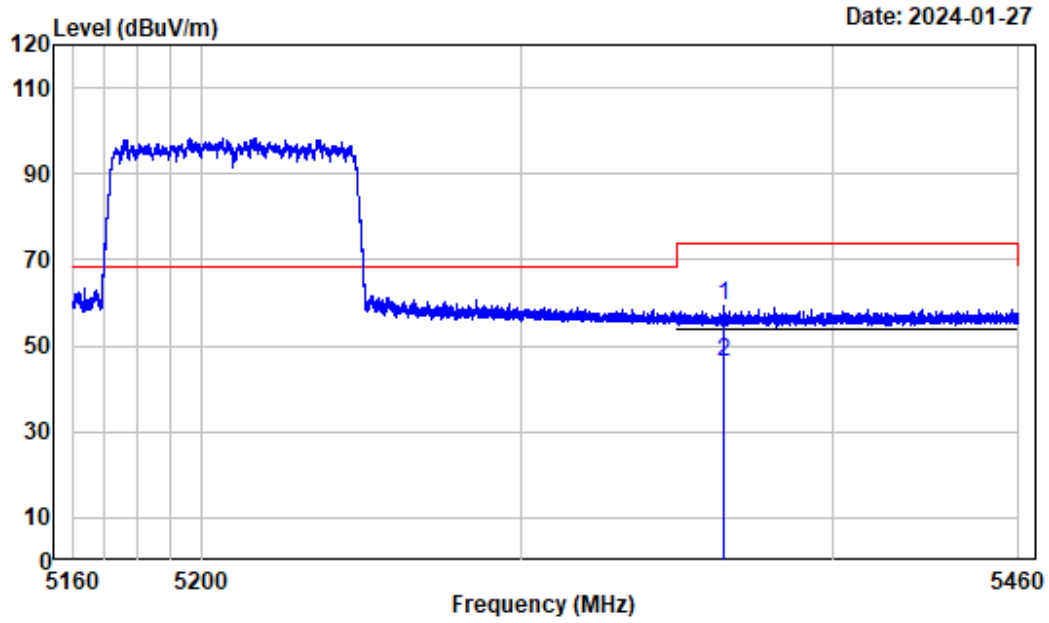
802.11ac80			
Test Channel:	**5210MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5116.674	2.71	46.07	48.78	54.00	Average	-5.22
2	5116.674	2.71	56.91	59.62	74.00	Peak	-14.38

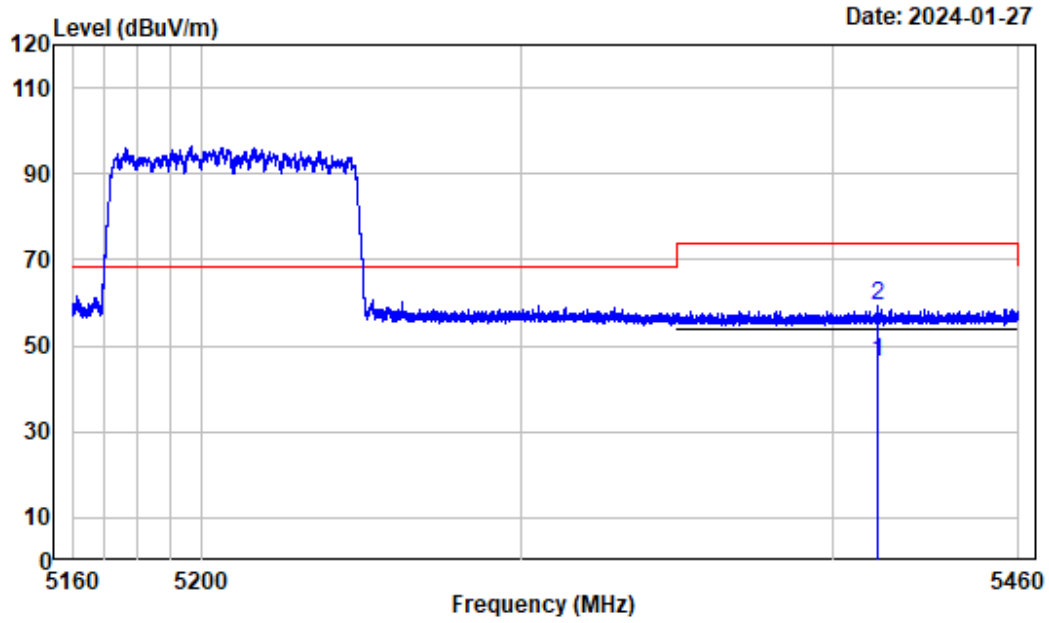
802.11ac80			
Test Channel:	**5210MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5364.563	2.93	56.27	59.20	74.00	Peak	-14.80
2	5364.563	2.93	43.25	46.18	54.00	Average	-7.82

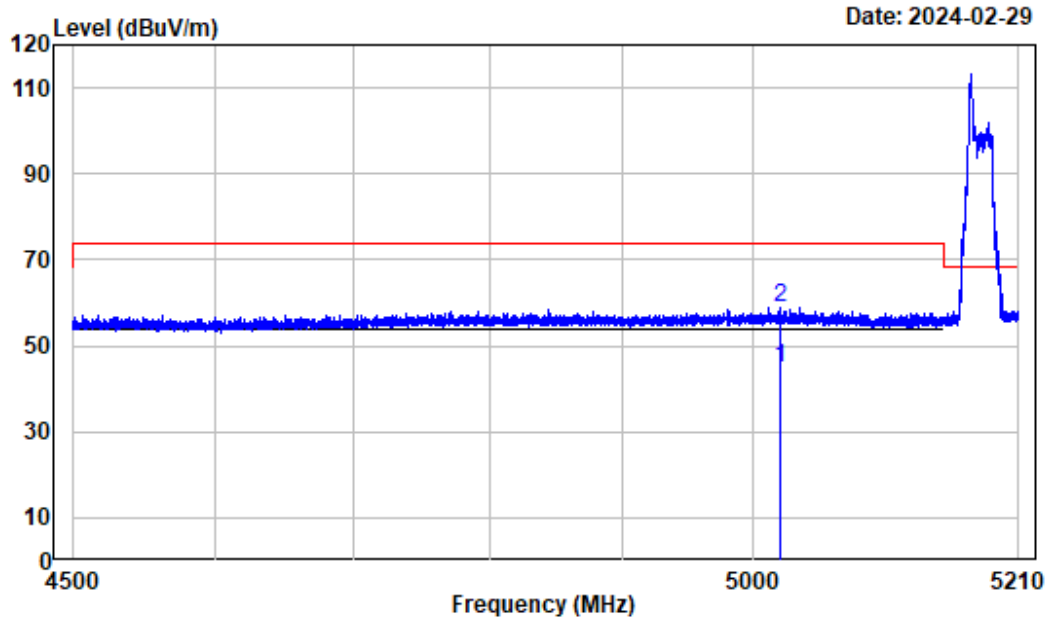
802.11ac80			
Test Channel:	**5210MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AC80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5414.212	3.01	43.39	46.40	54.00	Average	-7.60
2	5414.212	3.01	56.17	59.18	74.00	Peak	-14.82

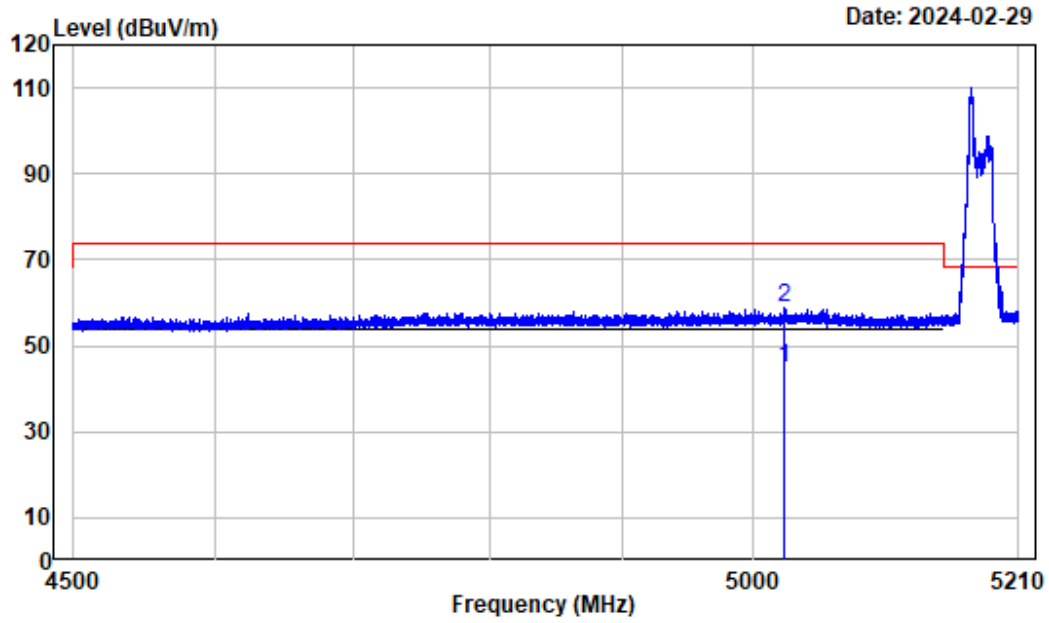
802.11ax20			
Test Channel:	**5180MHz_26Tone_RU0**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX20-5180_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5021.051	2.96	42.02	44.98	54.00	Average	-9.02
2	5021.051	2.96	56.13	59.09	74.00	Peak	-14.91

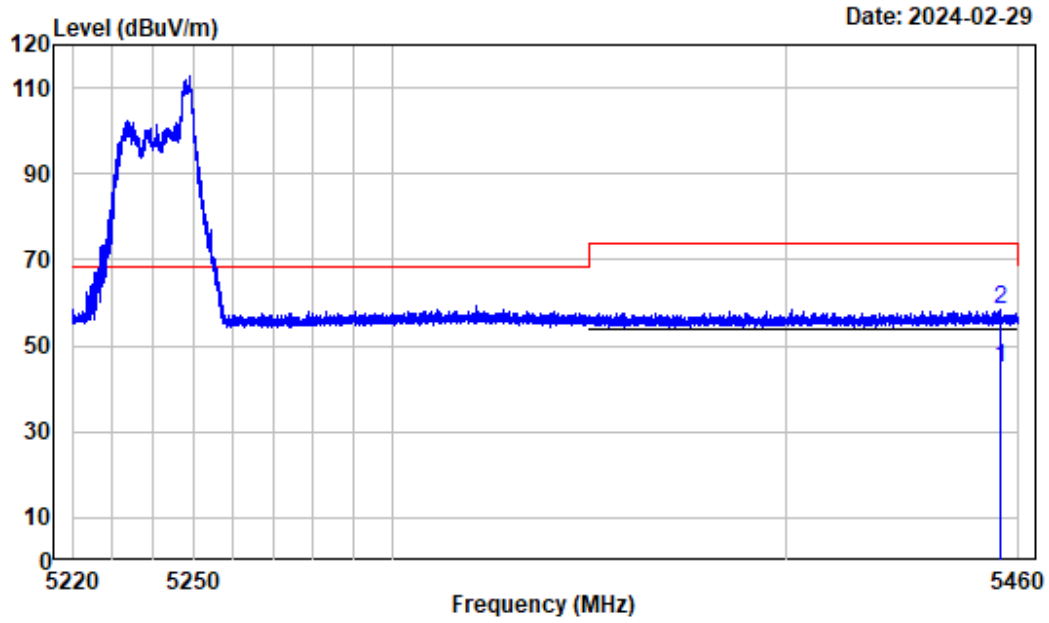
802.11ax20			
Test Channel:	**5180MHz_26Tone_RU0**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX20-5180_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5024.069	2.96	41.89	44.85	54.00	Average	-9.15
2	5024.069	2.96	55.72	58.68	74.00	Peak	-15.32

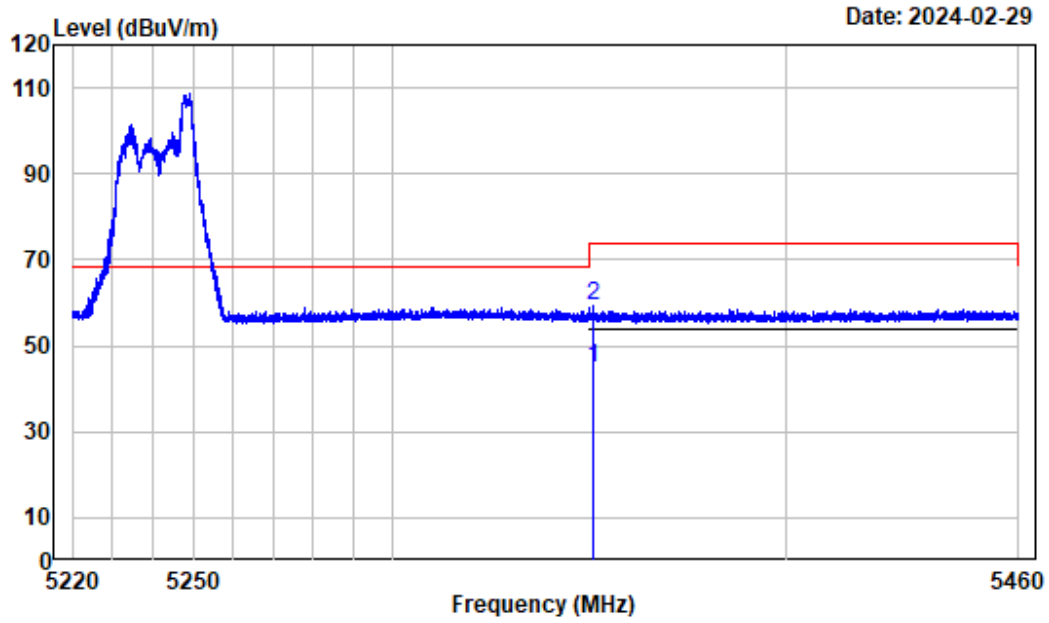
802.11ax20			
Test Channel:	**5240MHz_26Tone_RU8**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX20-5240_26Tone_RU8(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5455.320	3.06	41.64	44.70	54.00	Average	-9.30
2	5455.320	3.06	55.56	58.62	74.00	Peak	-15.38

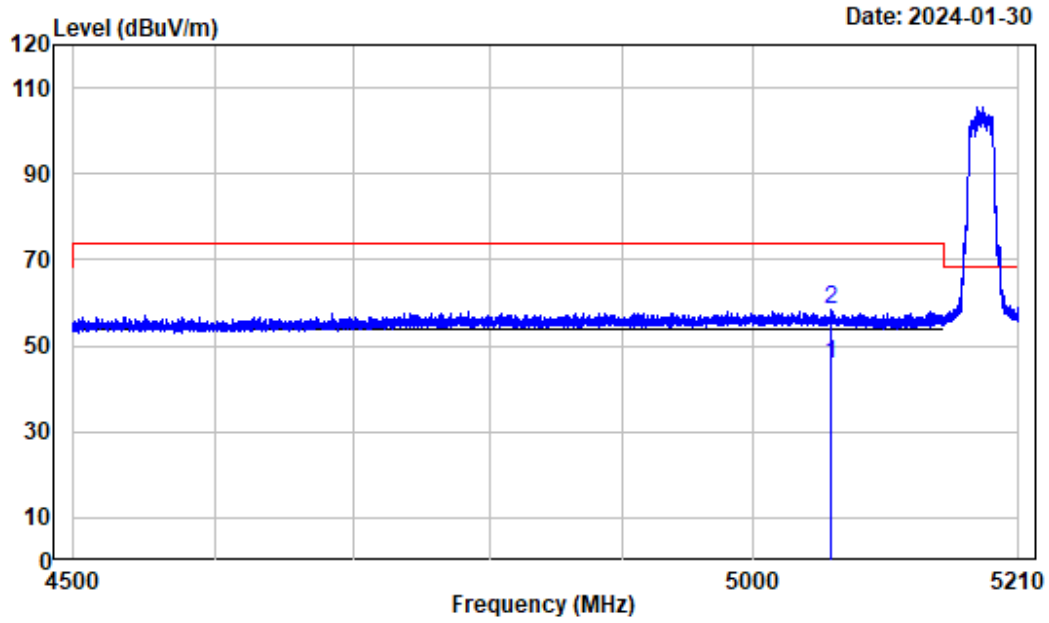
802.11ax20			
Test Channel:	**5240MHz_26Tone_RU8**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX20-5240_26Tone_RU8(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5350.590	2.90	41.74	44.64	54.00	Average	-9.36
2	5350.590	2.90	56.50	59.40	74.00	Peak	-14.60

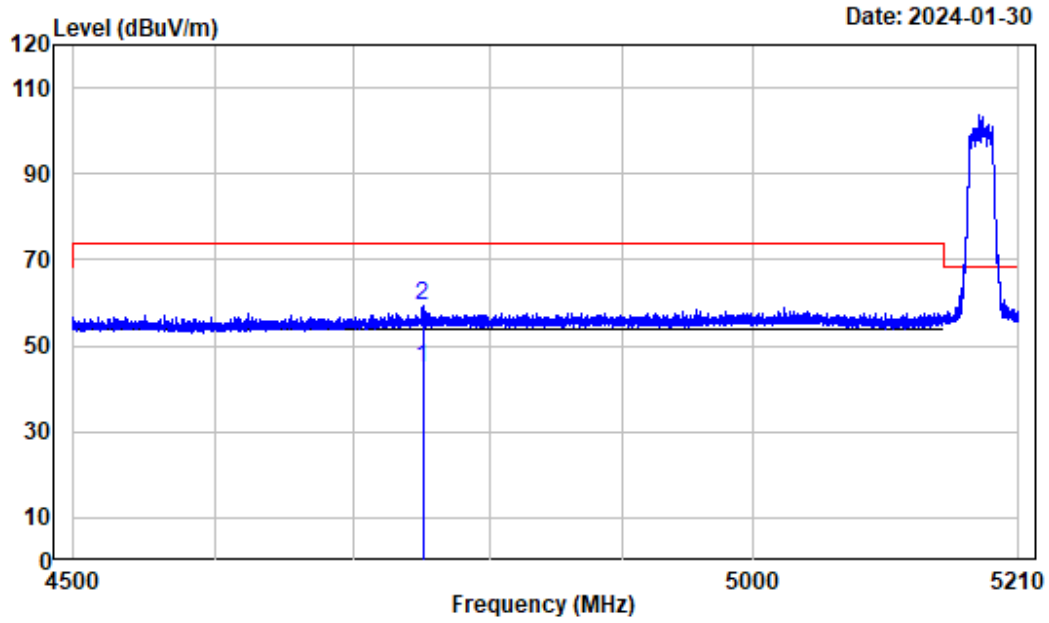
802.11ax20			
Test Channel:	**5180MHz_242Tone_RU61**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX20-5180

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5061.433	2.89	42.79	45.68	54.00	Average	-8.32
2	5061.433	2.89	55.43	58.32	74.00	Peak	-15.68

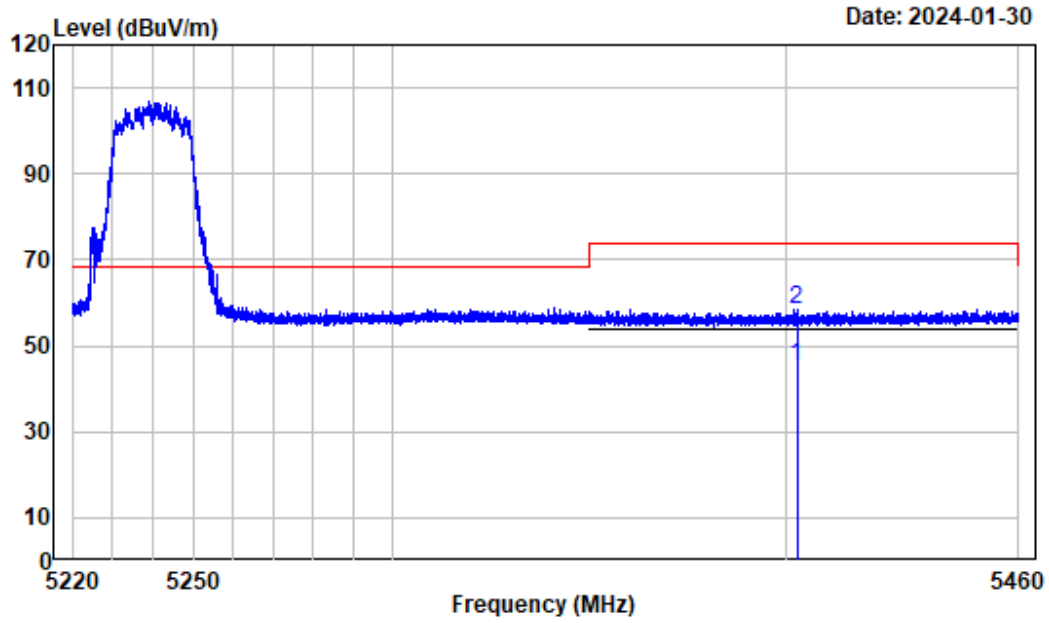
802.11ax20			
Test Channel:	**5180MHz_242Tone_RU61**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX20-5180

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4750.896	2.46	42.55	45.01	54.00	Average	-8.99
2	4750.896	2.46	56.81	59.27	74.00	Peak	-14.73

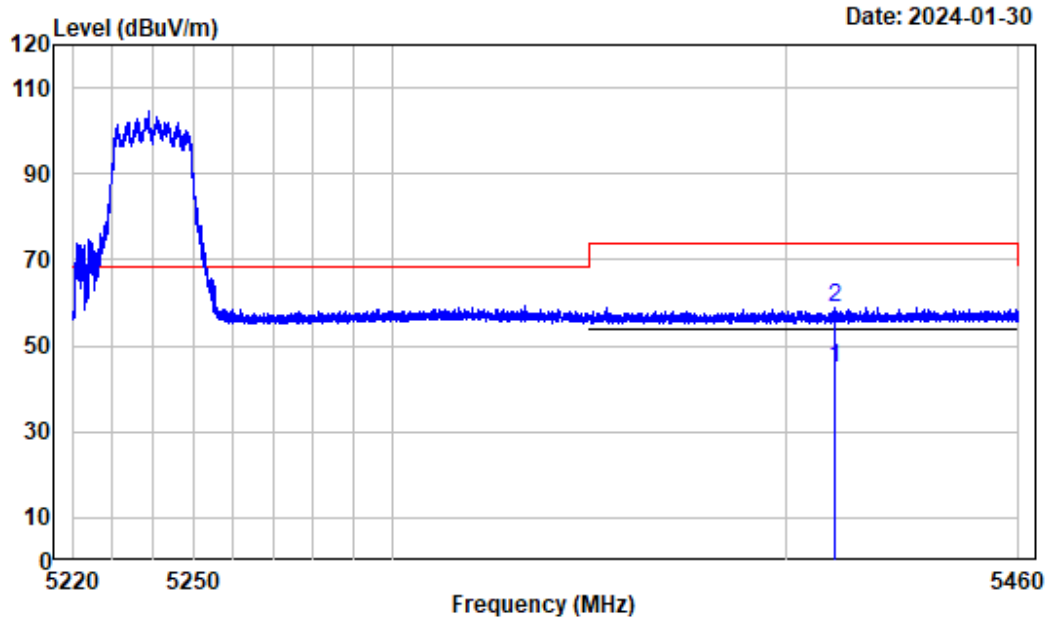
802.11ax20			
Test Channel:	**5240MHz_242Tone_RU61**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX20-5240

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5402.790	3.00	42.13	45.13	54.00	Average	-8.87
2	5402.790	3.00	55.36	58.36	74.00	Peak	-15.64

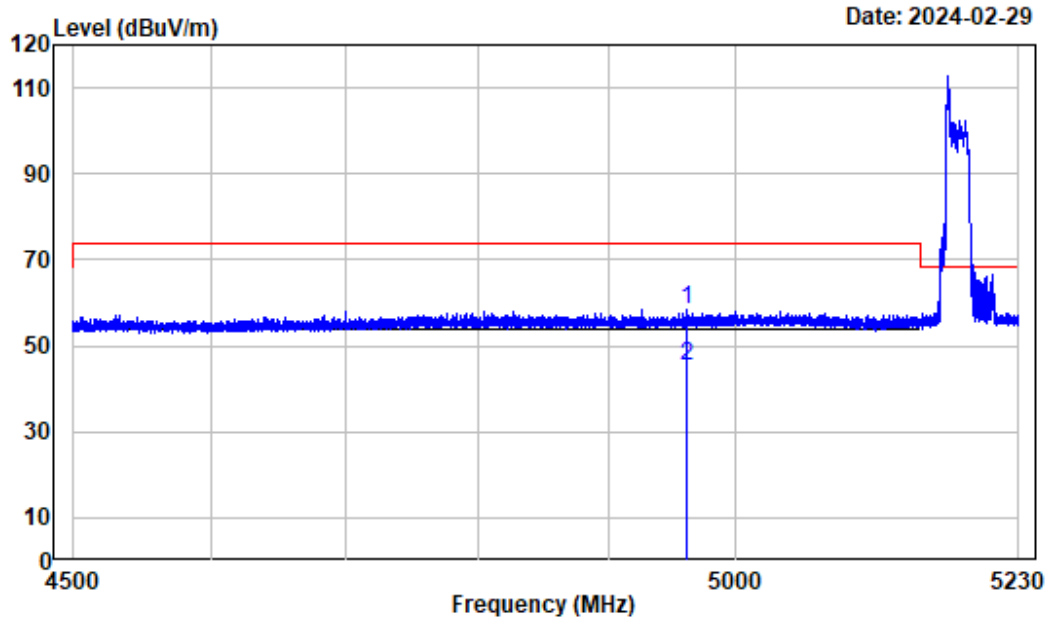
802.11ax20			
Test Channel:	**5240MHz_242Tone_RU61**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX20-5240

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5412.450	3.00	41.94	44.94	54.00	Average	-9.06
2	5412.450	3.00	55.90	58.90	74.00	Peak	-15.10

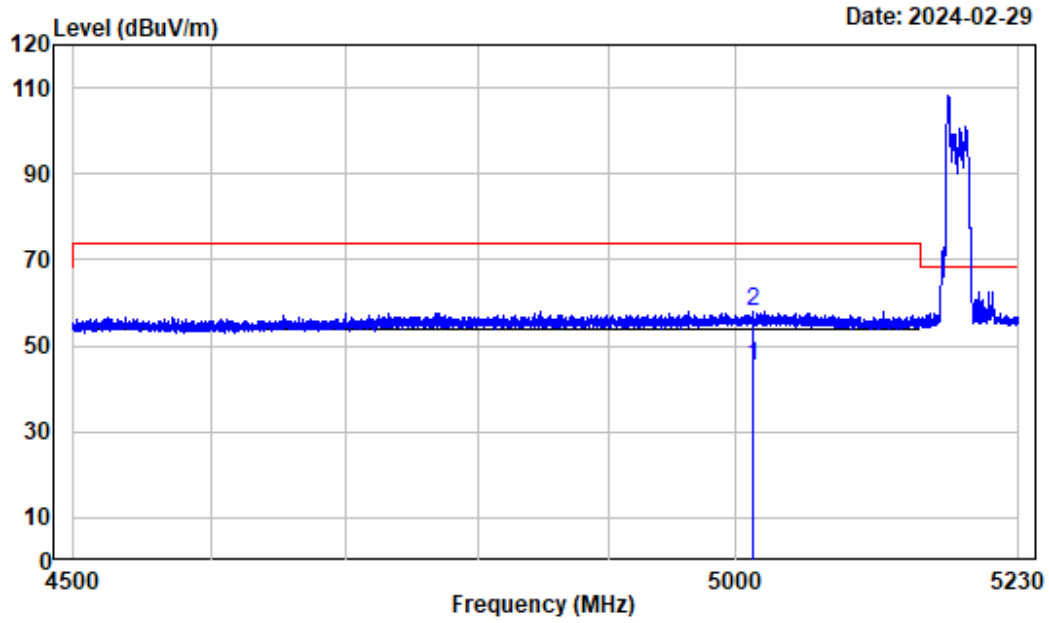
802.11ax40			
Test Channel:	**5190MHz_26Tone_RU0**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX40-5190_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4960.813	2.68	55.72	58.40	74.00	Peak	-15.60
2	4960.813	2.68	42.46	45.14	54.00	Average	-8.86

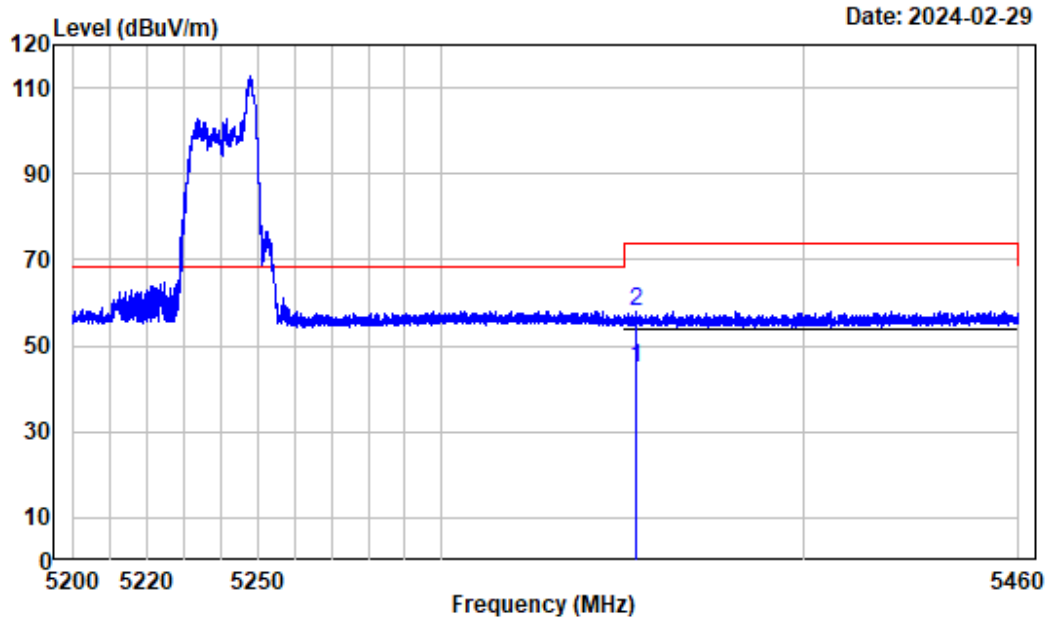
802.11ax40			
Test Channel:	**5190MHz_26Tone_RU0**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX40-5190_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5013.555	2.97	42.31	45.28	54.00	Average	-8.72
2	5013.555	2.97	55.21	58.18	74.00	Peak	-15.82

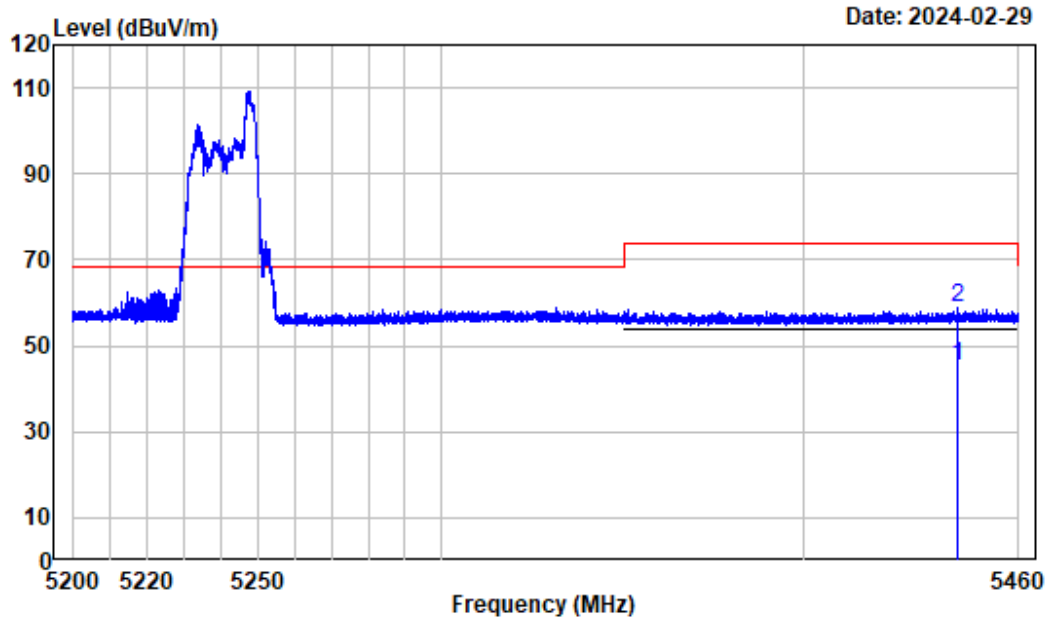
802.11ax40			
Test Channel:	**5230MHz_26Tone_RU17**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX40-5230_26Tone_RU17(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5353.433	2.92	42.03	44.95	54.00	Average	-9.05
2	5353.433	2.92	55.26	58.18	74.00	Peak	-15.82

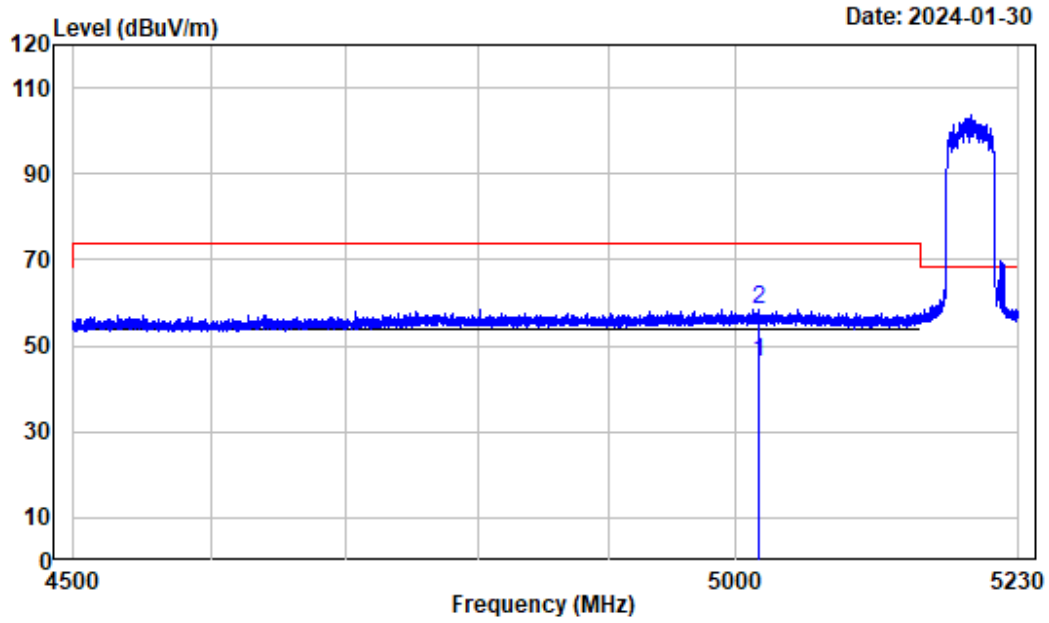
802.11ax40			
Test Channel:	**5230MHz_26Tone_RU17**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX40-5230_26Tone_RU17(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5442.970	3.05	42.23	45.28	54.00	Average	-8.72
2	5442.970	3.05	55.59	58.64	74.00	Peak	-15.36

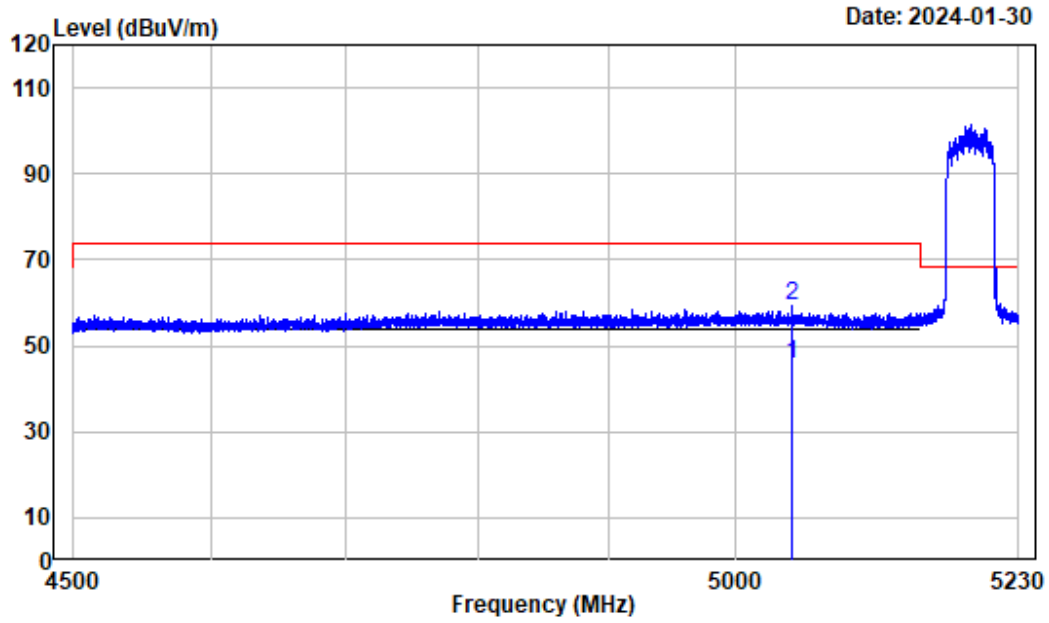
802.11ax40			
Test Channel:	**5190MHz_484Tone_RU65**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX40-5190

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5018.026	2.96	43.25	46.21	54.00	Average	-7.79
2	5018.026	2.96	55.53	58.49	74.00	Peak	-15.51

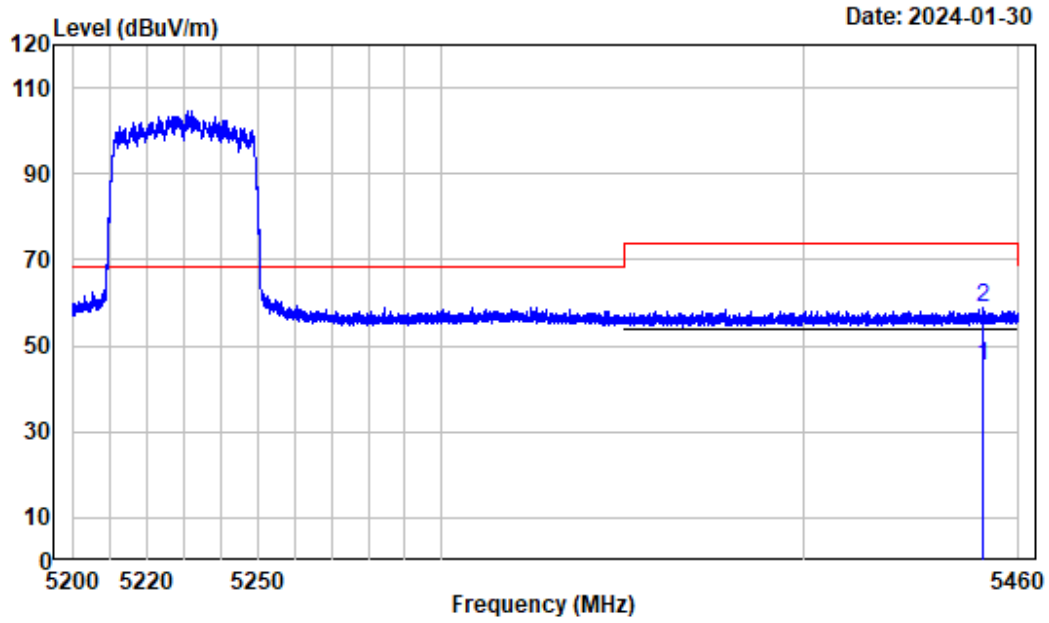
802.11ax40			
Test Channel:	**5190MHz_484Tone_RU65**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX40-5190

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5045.036	2.95	42.87	45.82	54.00	Average	-8.18
2	5045.036	2.95	56.36	59.31	74.00	Peak	-14.69

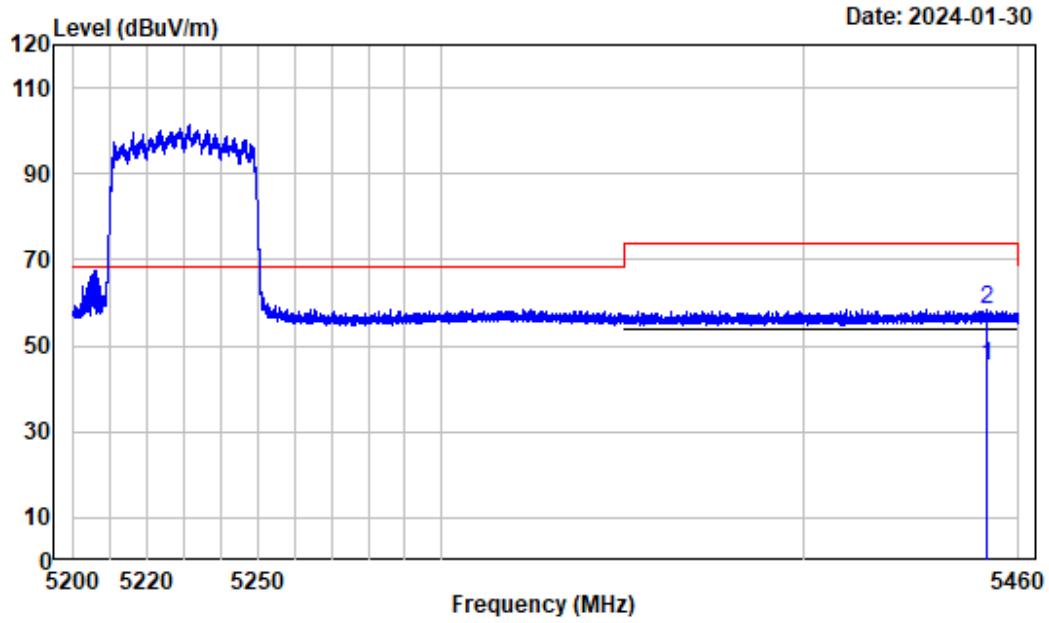
802.11ax40			
Test Channel:	**5230MHz_484Tone_RU65**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX40-5230

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5449.990	3.07	42.40	45.47	54.00	Average	-8.53
2	5449.990	3.07	55.93	59.00	74.00	Peak	-15.00

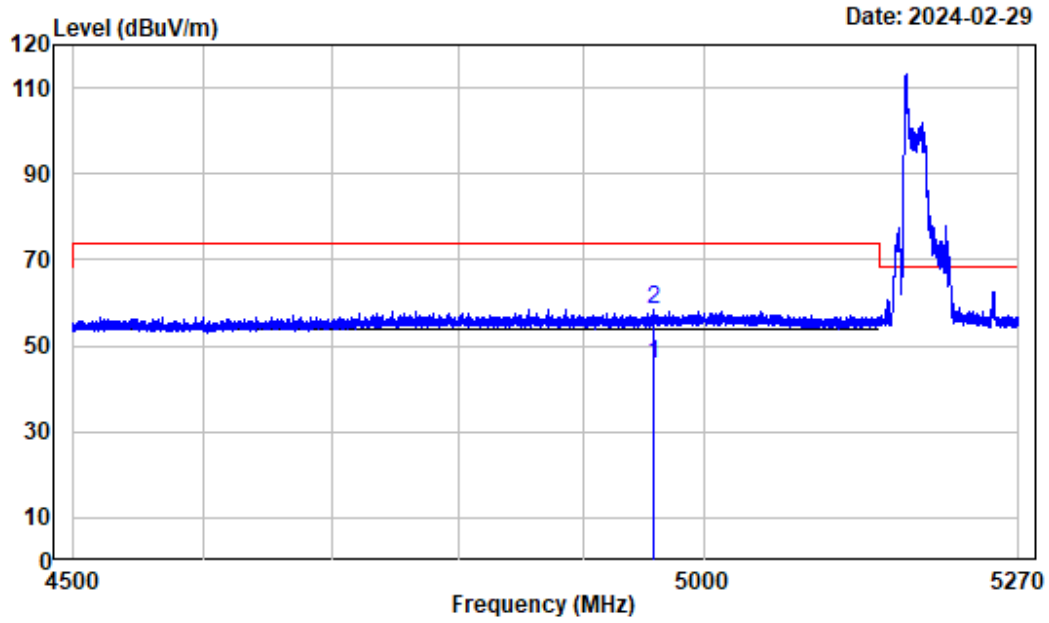
802.11ax40			
Test Channel:	**5230MHz_484Tone_RU65**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX40-5230

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5450.965	3.06	42.26	45.32	54.00	Average	-8.68
2	5450.965	3.06	55.37	58.43	74.00	Peak	-15.57

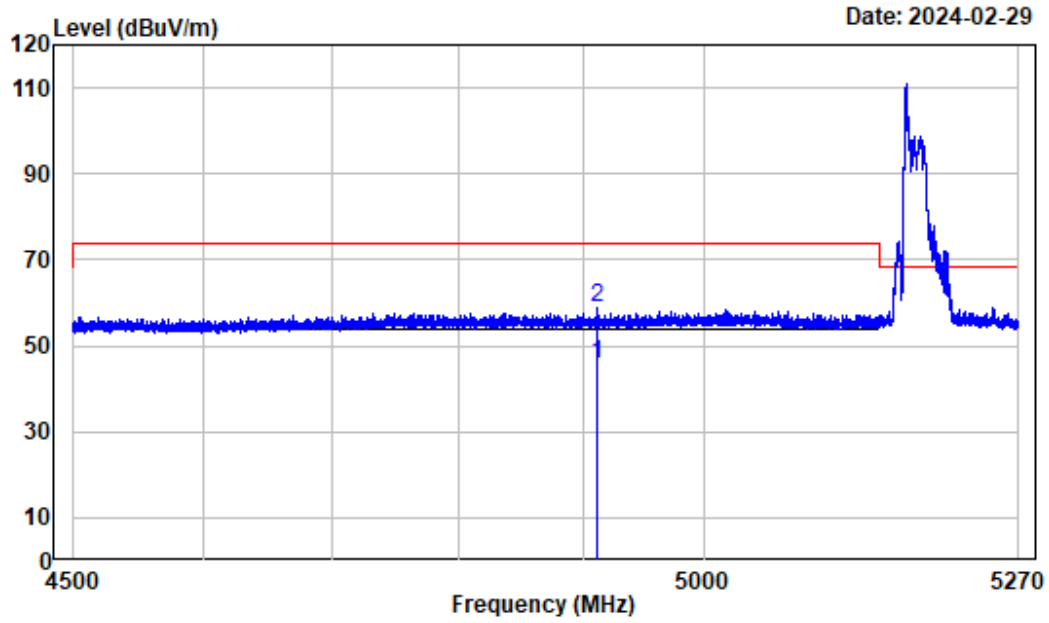
802.11ax80			
Test Channel:	**5210MHz_26Tone_RU0**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX80-5210_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4958.920	2.67	43.01	45.68	54.00	Average	-8.32
2	4958.920	2.67	55.89	58.56	74.00	Peak	-15.44

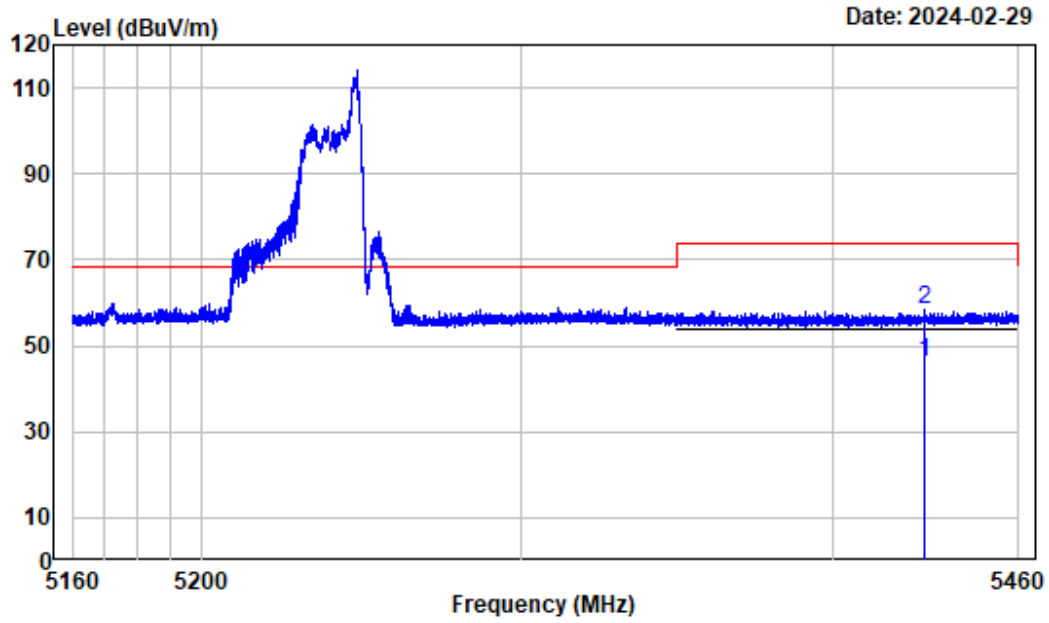
802.11ax80			
Test Channel:	**5210MHz_26Tone_RU0**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX80-5210_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4911.373	2.64	43.16	45.80	54.00	Average	-8.20
2	4911.373	2.64	56.03	58.67	74.00	Peak	-15.33

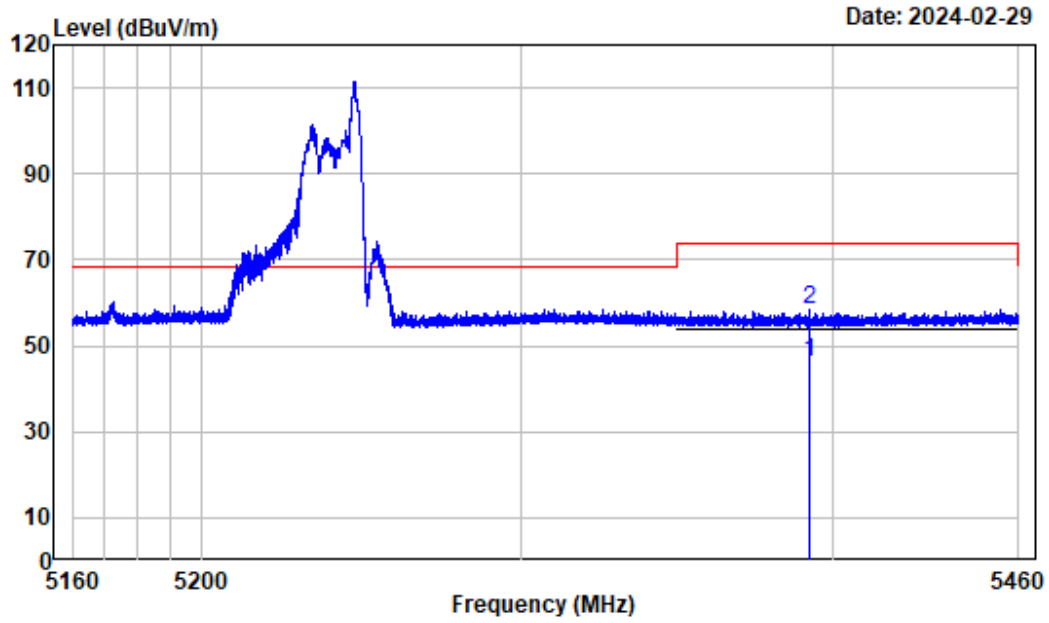
802.11ax80			
Test Channel:	**5210MHz_26Tone_RU36**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX80-5210_26Tone_RU36(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5429.175	3.03	43.18	46.21	54.00	Average	-7.79
2	5429.175	3.03	55.57	58.60	74.00	Peak	-15.40

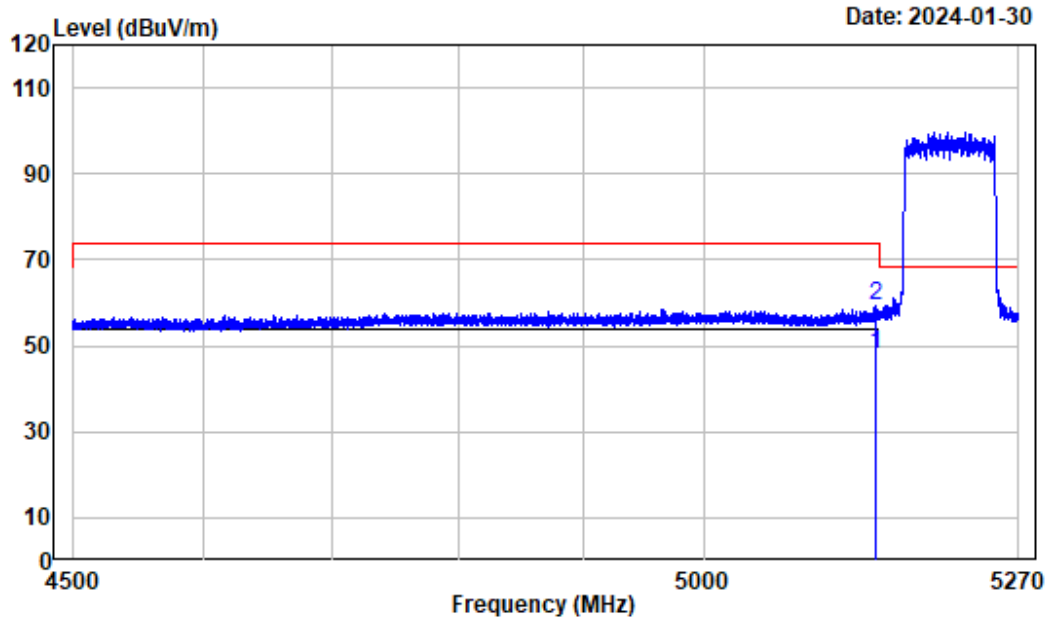
802.11ax80			
Test Channel:	**5210MHz_26Tone_RU36**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B1-AX80-5210_26Tone_RU36(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5392.500	2.98	43.40	46.38	54.00	Average	-7.62
2	5392.500	2.98	55.47	58.45	74.00	Peak	-15.55

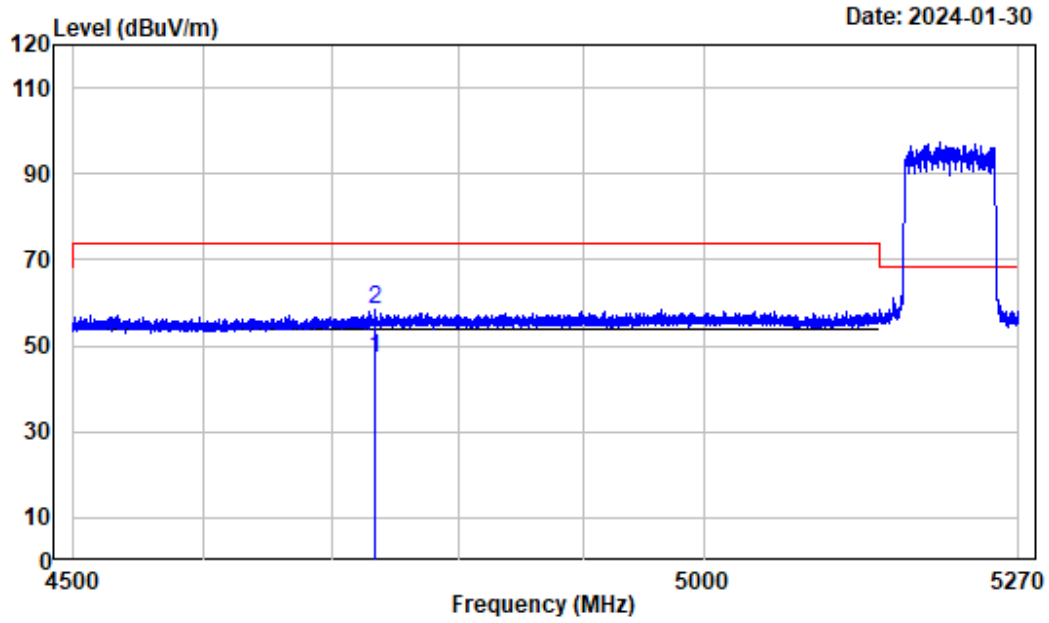
802.11ax80			
Test Channel:	**5210MHz_996Tone_RU67**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5146.126	2.70	45.44	48.14	54.00	Average	-5.86
2	5146.126	2.70	56.59	59.29	74.00	Peak	-14.71

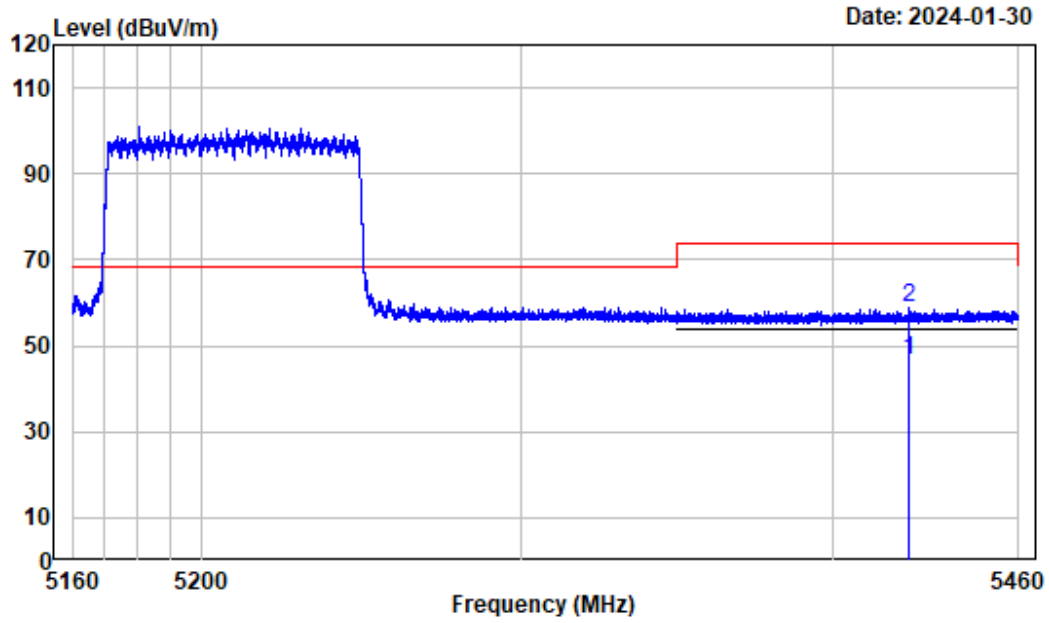
802.11ax80			
Test Channel:	**5210MHz_996Tone_RU67**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	4733.310	2.30	44.87	47.17	54.00	Average	-6.83
2	4733.310	2.30	56.08	58.38	74.00	Peak	-15.62

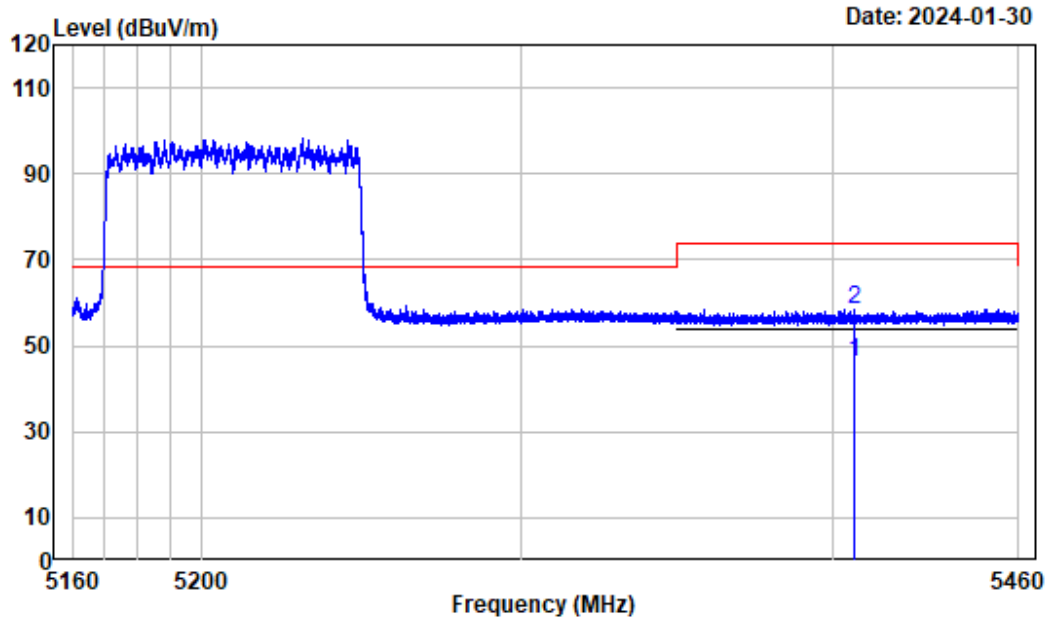
802.11ax80			
Test Channel:	**5210MHz_996Tone_RU67**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5424.337	3.02	43.57	46.59	54.00	Average	-7.41
2	5424.337	3.02	55.85	58.87	74.00	Peak	-15.13

802.11ax80			
Test Channel:	**5210MHz_996Tone_RU67**	**Ant. Polar. :**	**Vertical**

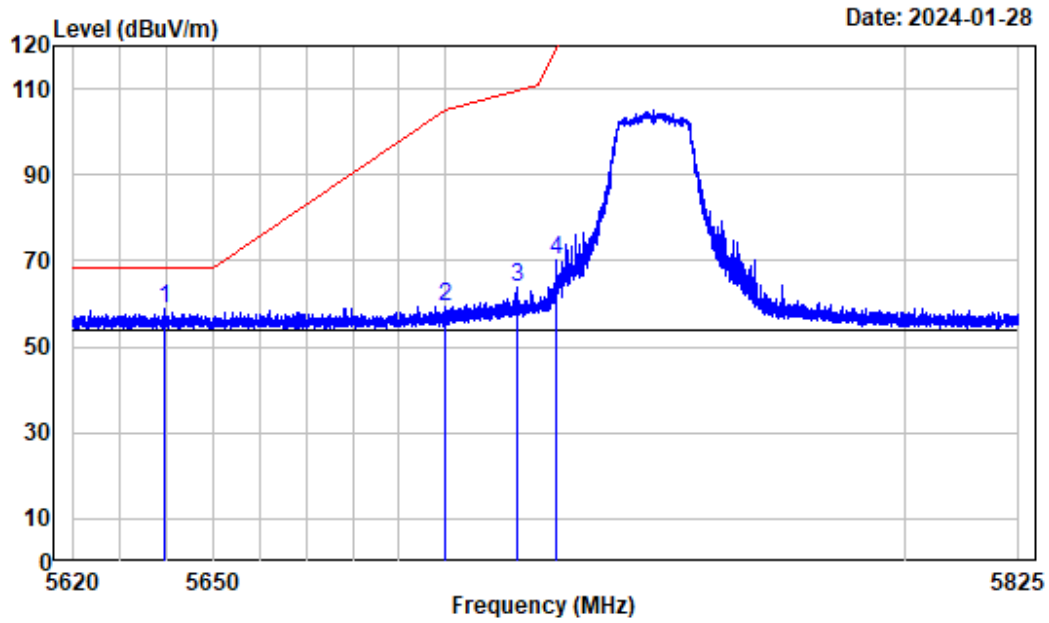


Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi_B1_AX80-5210

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5406.862	2.99	43.20	46.19	54.00	Average	-7.81
2	5406.862	2.99	55.48	58.47	74.00	Peak	-15.53

5725-5850MHz:

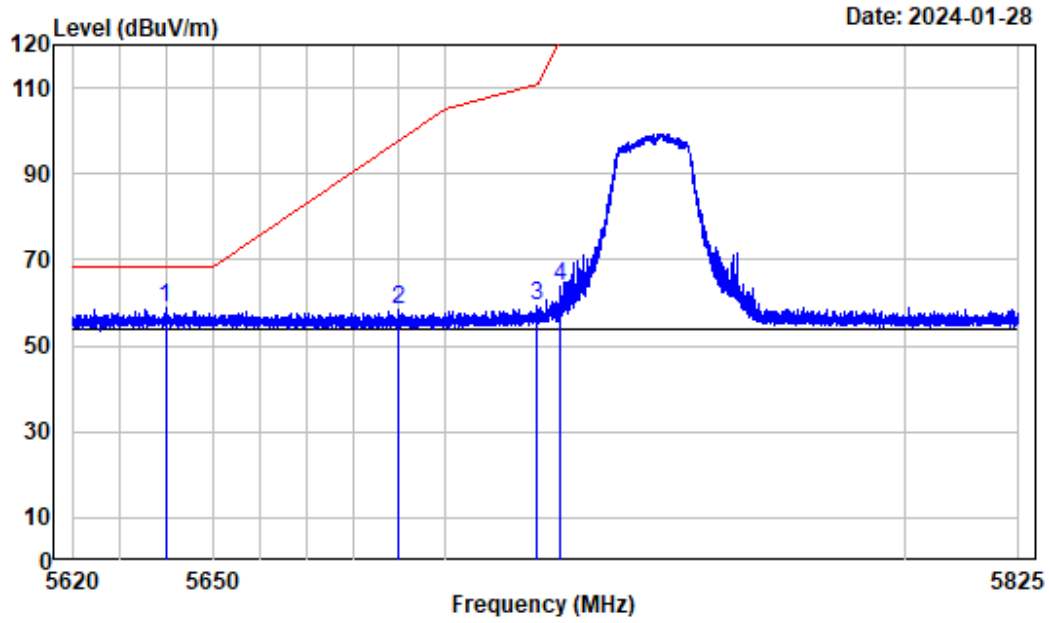
802.11a, ANT 1			
Test Channel:	**5745MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5639.731	3.20	55.59	58.79	68.20	peak	-9.41
2	5699.899	3.45	56.07	59.52	105.13	peak	-45.61
3	5715.632	3.47	60.49	63.96	109.58	peak	-45.62
4	5724.089	3.48	66.57	70.05	120.12	peak	-50.07

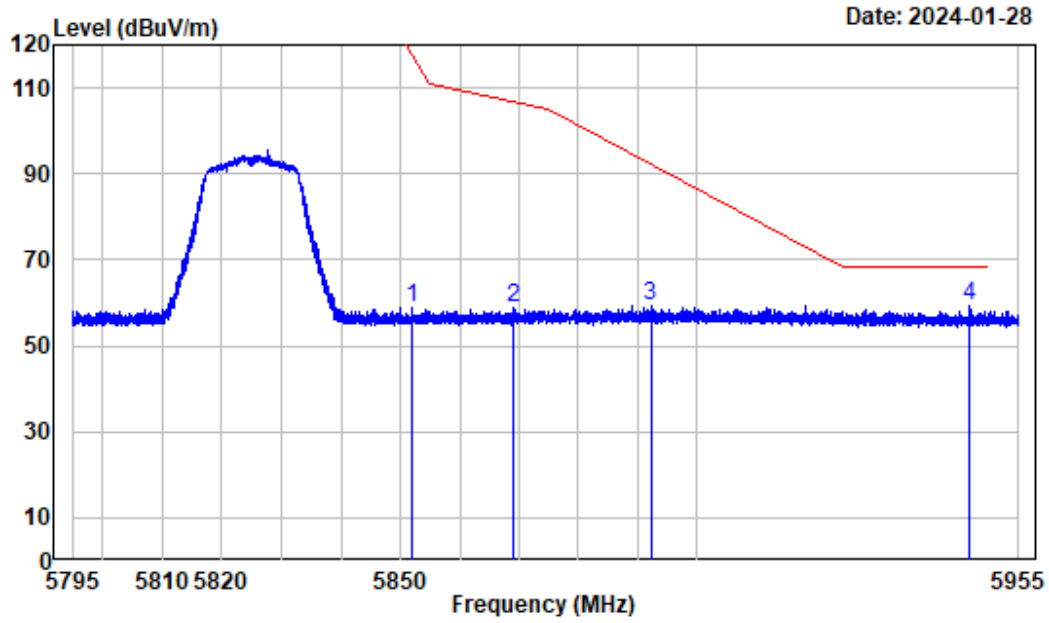
802.11a, ANT 1			
Test Channel:	**5745MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5639.859	3.20	55.49	58.69	68.20	peak	-9.51
2	5689.674	3.41	54.99	58.40	97.59	peak	-39.19
3	5719.681	3.48	55.82	59.30	110.71	peak	-51.41
4	5724.652	3.48	60.40	63.88	121.41	peak	-57.53

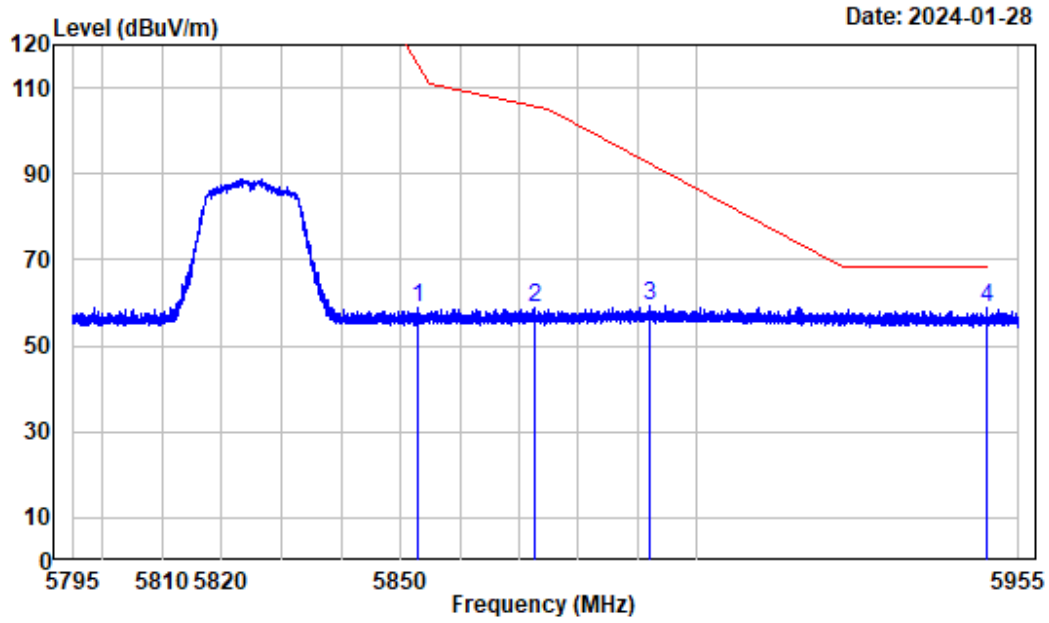
802.11a, ANT 1			
Test Channel:	**5825MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5851.800	3.69	55.22	58.91	118.10	peak	-59.19
2	5869.120	3.75	55.02	58.77	106.84	peak	-48.07
3	5892.280	3.83	55.64	59.47	92.38	peak	-32.91
4	5946.520	3.75	55.49	59.24	68.20	peak	-8.96

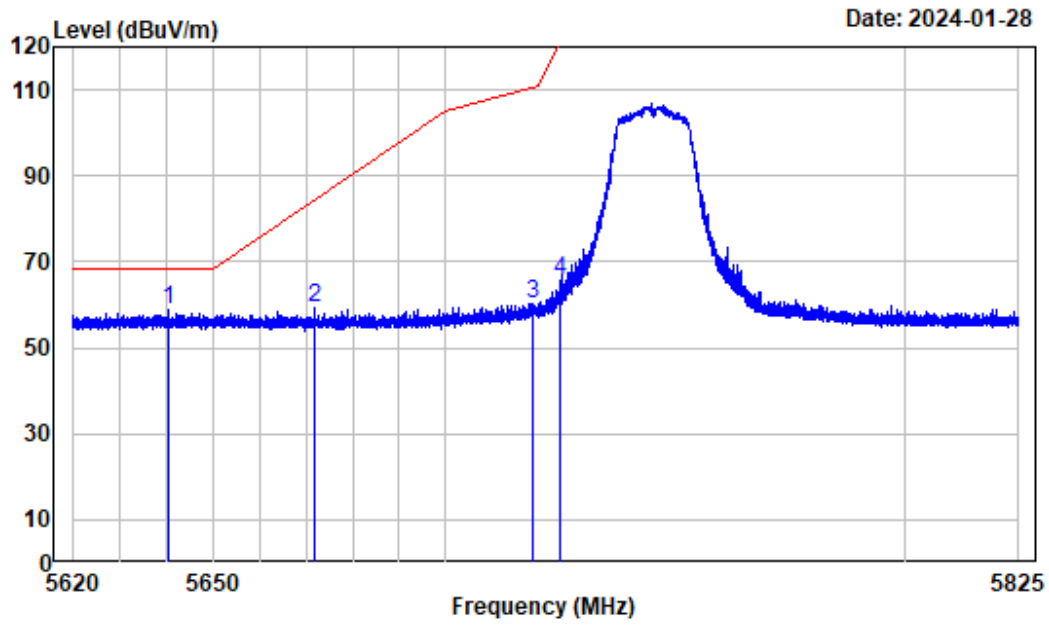
802.11a, ANT 1			
Test Channel:	**5825MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5852.940	3.69	55.39	59.08	115.50	peak	-56.42
2	5872.800	3.76	55.10	58.86	105.82	peak	-46.96
3	5892.140	3.83	55.28	59.11	92.48	peak	-33.37
4	5949.540	3.74	55.18	58.92	68.20	peak	-9.28

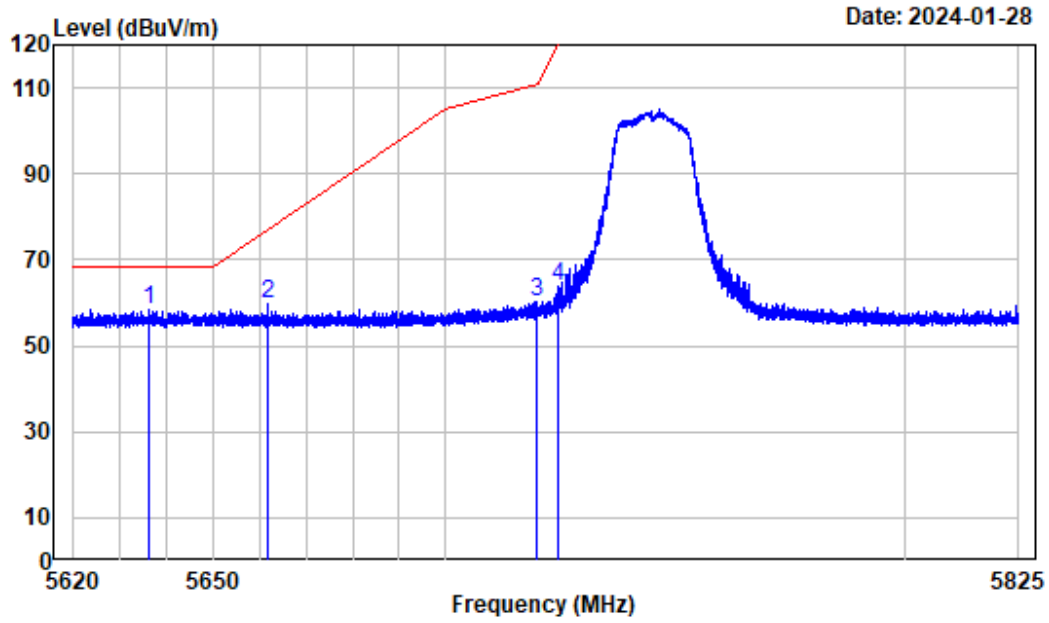
802.11a, ANT 2			
Test Channel:	**5745MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5640.500	3.20	55.65	58.85	68.20	peak	-9.35
2	5671.942	3.35	55.94	59.29	84.48	peak	-25.19
3	5718.913	3.48	56.97	60.45	110.50	peak	-50.05
4	5724.627	3.48	62.24	65.72	121.35	peak	-55.63

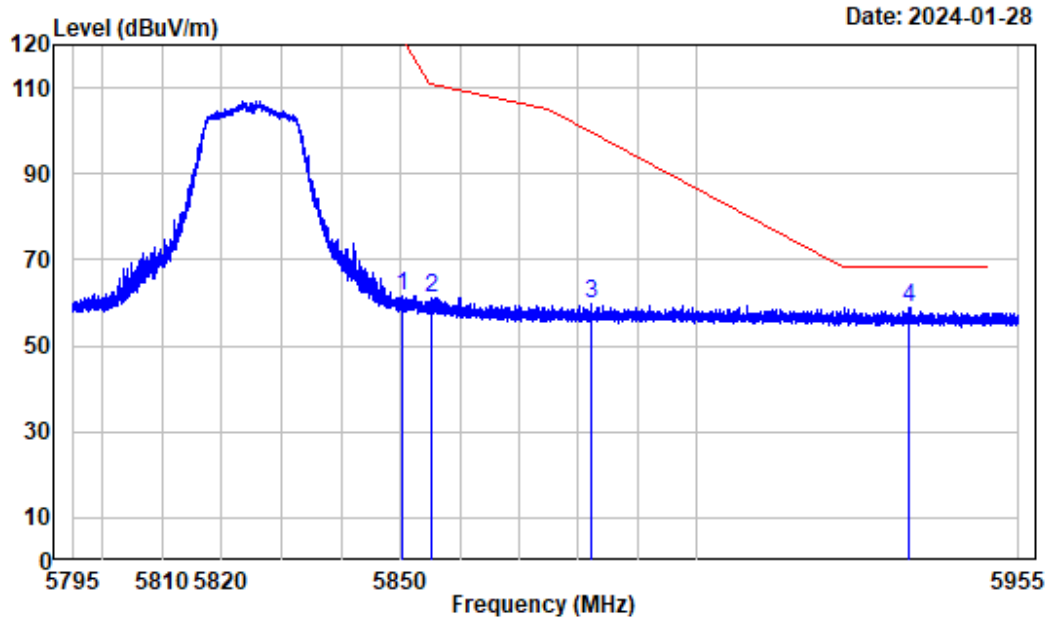
802.11a, ANT 2			
Test Channel:	**5745MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5636.323	3.17	55.19	58.36	68.20	peak	-9.84
2	5661.846	3.31	56.40	59.71	77.00	peak	-17.29
3	5719.502	3.48	56.96	60.44	110.66	peak	-50.22
4	5724.345	3.48	60.53	64.01	120.71	peak	-56.70

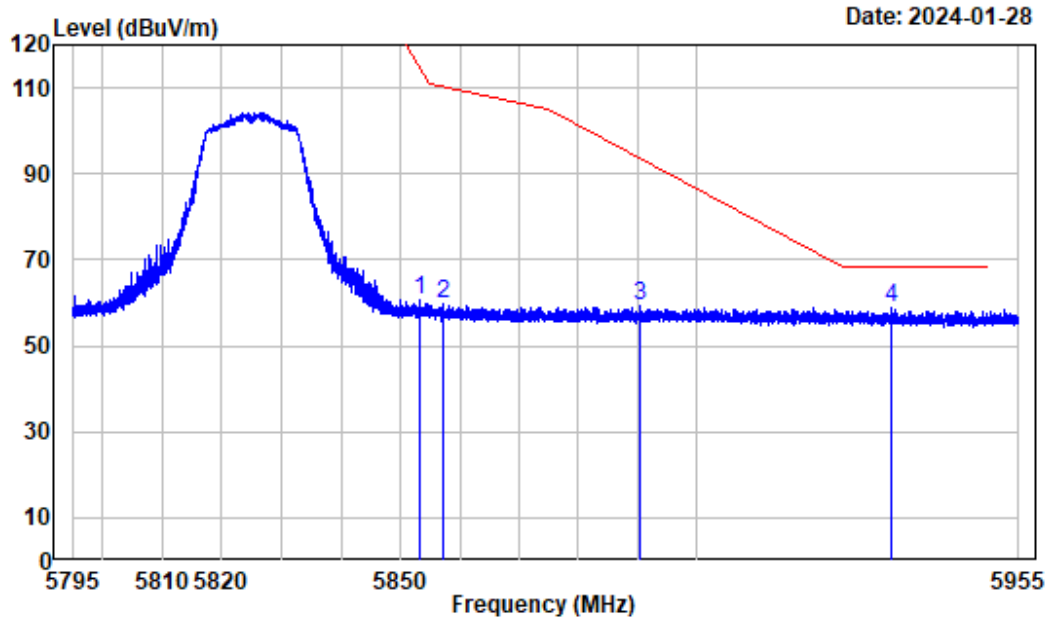
802.11a, ANT 2			
Test Channel:	**5825MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5850.360	3.67	58.02	61.69	121.38	peak	-59.69
2	5855.300	3.70	57.54	61.24	110.72	peak	-49.48
3	5882.080	3.79	55.87	59.66	99.94	peak	-40.28
4	5936.380	3.77	54.97	58.74	68.20	peak	-9.46

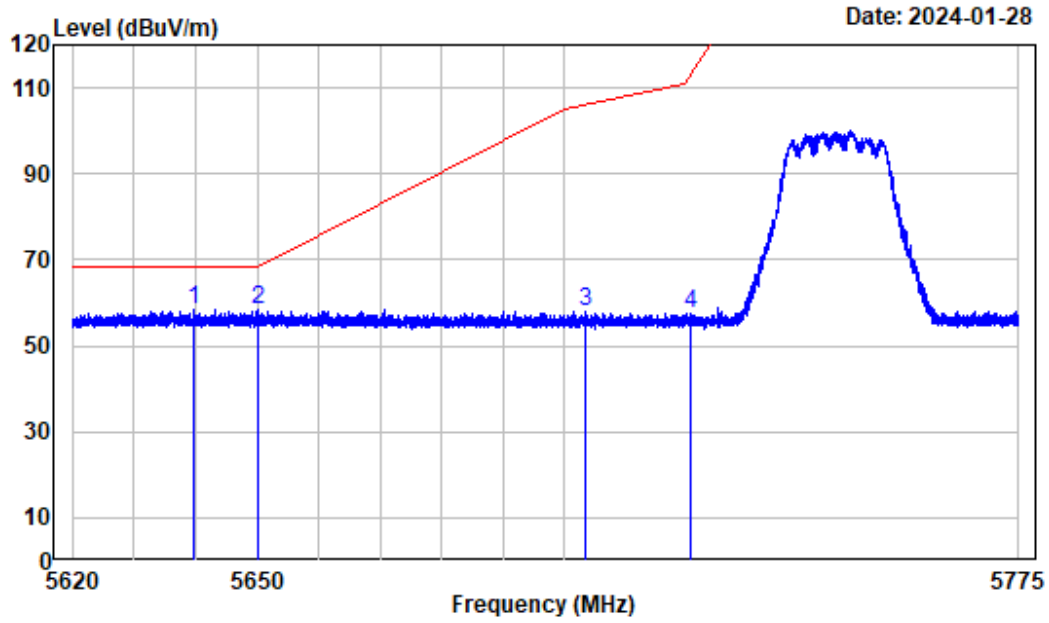
802.11a, ANT 2			
Test Channel:	**5825MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note :

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5853.280	3.69	57.12	60.81	114.72	peak	-53.91
2	5857.320	3.71	56.01	59.72	110.15	peak	-50.43
3	5890.620	3.82	55.52	59.34	93.61	peak	-34.27
4	5933.100	3.77	54.93	58.70	68.20	peak	-9.50

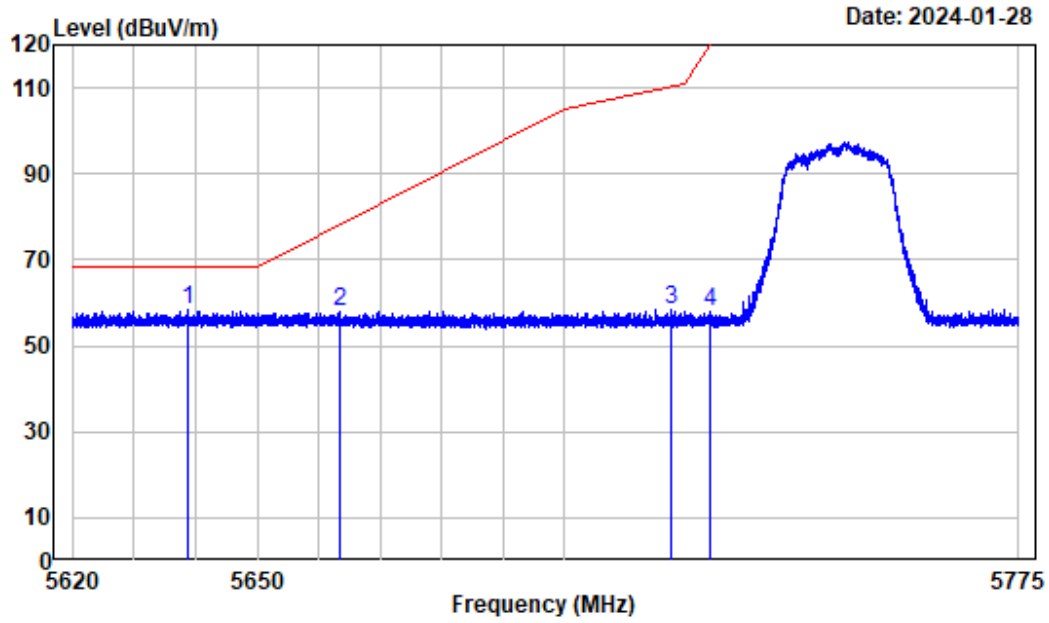
802.11ac20			
Test Channel:	**5745MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC20-5745

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5639.705	3.20	55.09	58.29	68.20	peak	-9.91
2	5650.147	3.27	55.14	58.41	68.31	peak	-9.90
3	5703.487	3.46	54.32	57.78	106.18	peak	-48.40
4	5720.905	3.48	54.24	57.72	112.86	peak	-55.14

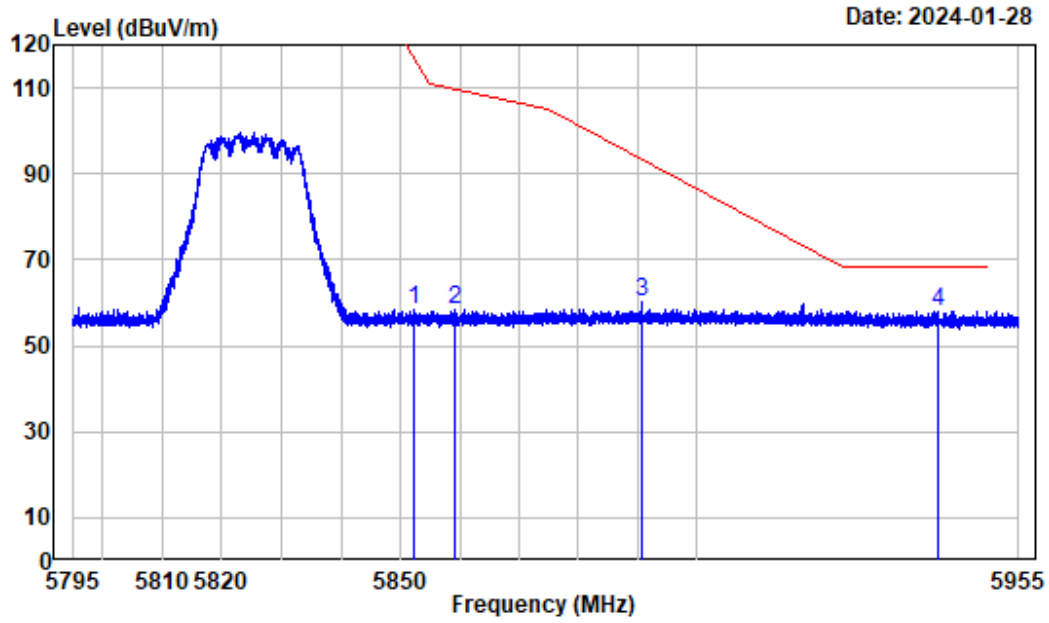
802.11ac20			
Test Channel:	**5745MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC20-5745

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5638.774	3.19	55.34	58.53	68.20	peak	-9.67
2	5663.458	3.31	54.68	57.99	78.19	peak	-20.20
3	5717.728	3.48	54.97	58.45	110.16	peak	-51.71
4	5723.869	3.48	54.54	58.02	119.62	peak	-61.60

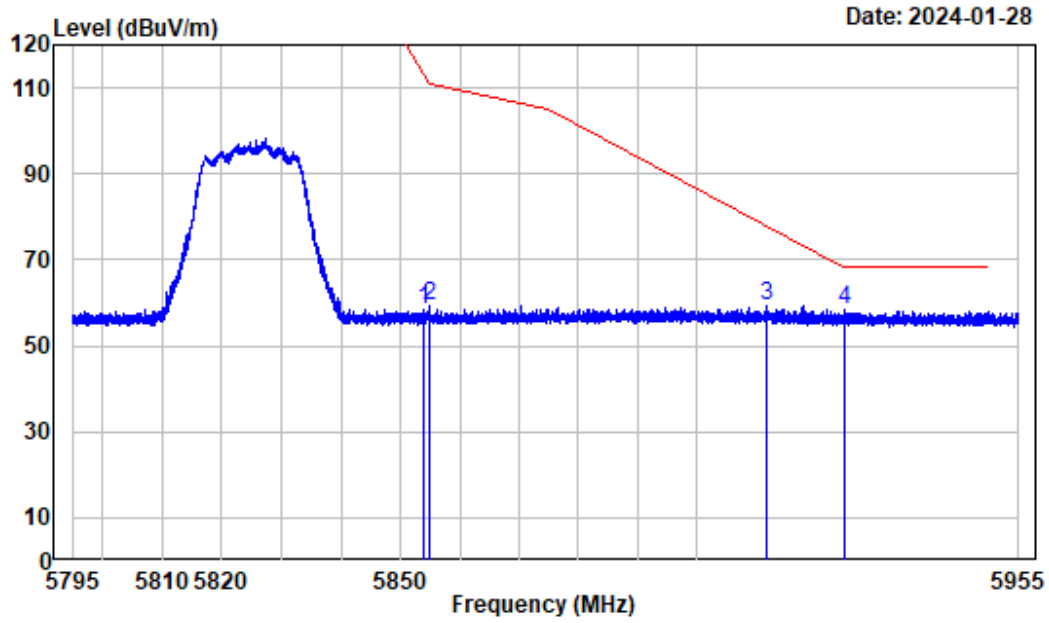
802.11ac20			
Test Channel:	**5825MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5852.420	3.69	54.54	58.23	116.68	peak	-58.45
2	5859.020	3.72	54.79	58.51	109.67	peak	-51.16
3	5890.900	3.82	56.58	60.40	93.40	peak	-33.00
4	5941.280	3.75	54.37	58.12	68.20	peak	-10.08

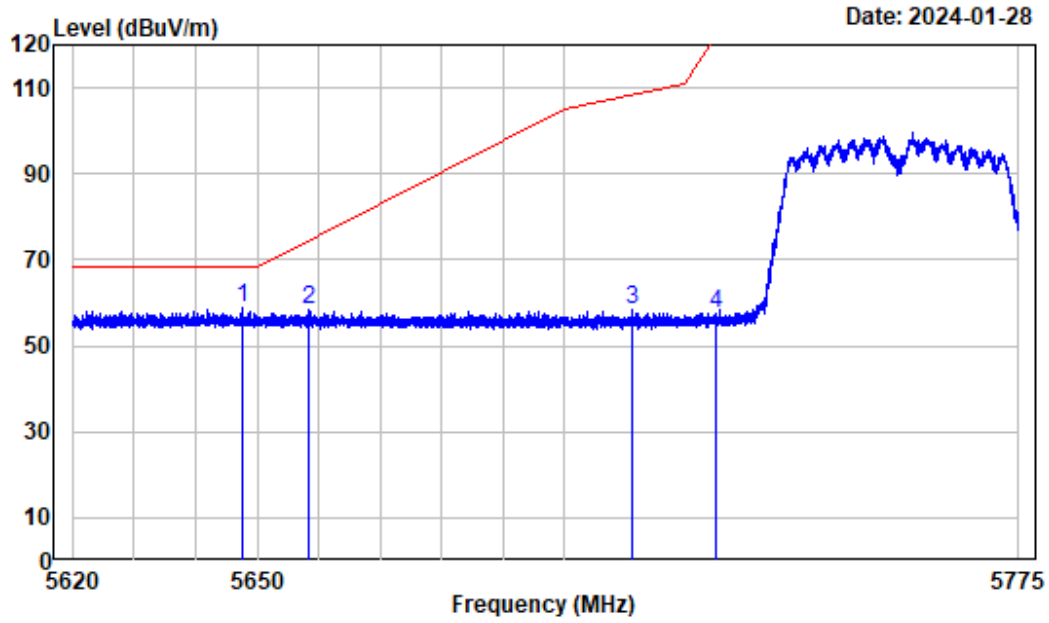
802.11ac20			
Test Channel:	**5825MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5853.880	3.70	54.65	58.35	113.35	peak	-55.00
2	5855.020	3.70	55.59	59.29	110.79	peak	-51.50
3	5912.100	3.83	55.60	59.43	77.72	peak	-18.29
4	5925.240	3.79	54.40	58.19	68.20	peak	-10.01

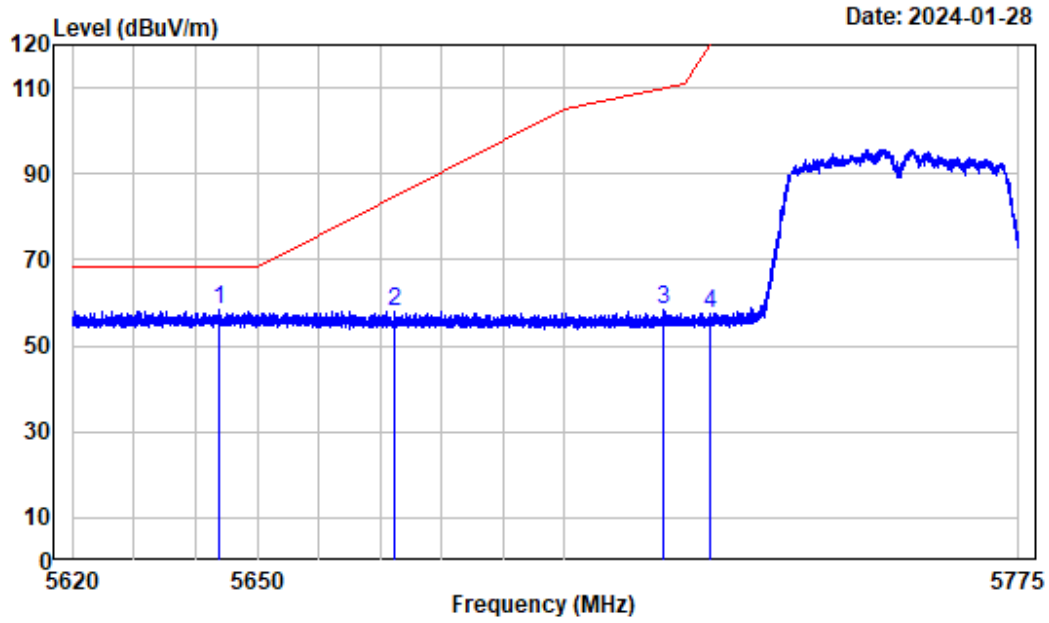
802.11ac40			
Test Channel:	**5755MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC40-5755

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5647.667	3.25	55.47	58.72	68.20	peak	-9.48
2	5658.479	3.30	55.27	58.57	74.50	peak	-15.93
3	5711.159	3.47	54.82	58.29	108.33	peak	-50.04
4	5724.916	3.48	54.10	57.58	122.01	peak	-64.43

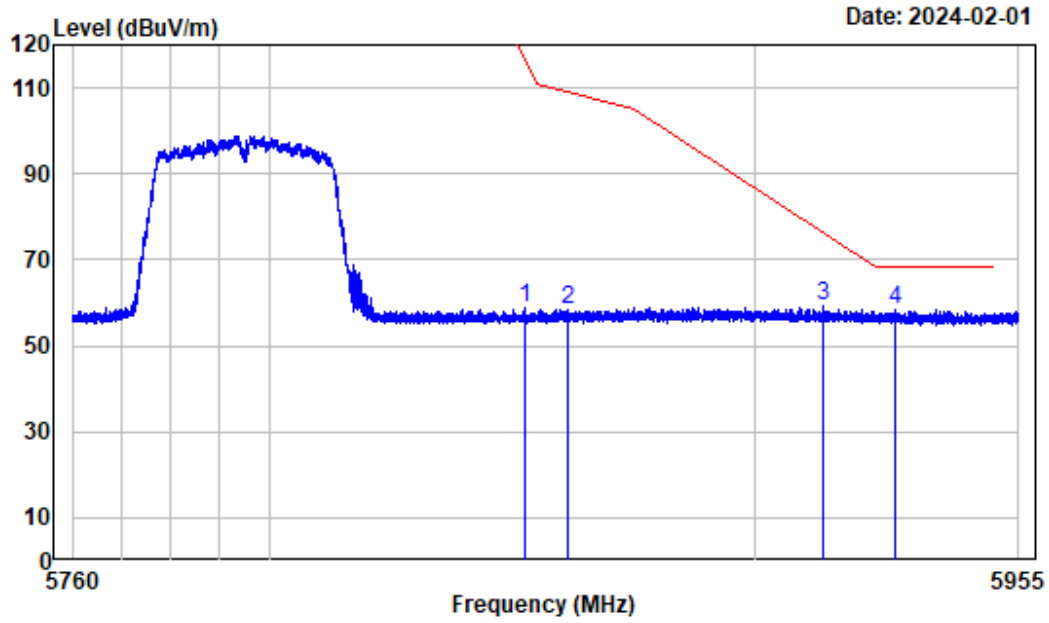
802.11ac40			
Test Channel:	**5755MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC40-5755

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5643.618	3.22	55.34	58.56	68.20	peak	-9.64
2	5672.409	3.35	54.71	58.06	84.82	peak	-26.76
3	5716.468	3.47	54.91	58.38	109.81	peak	-51.43
4	5723.869	3.48	54.14	57.62	119.62	peak	-62.00

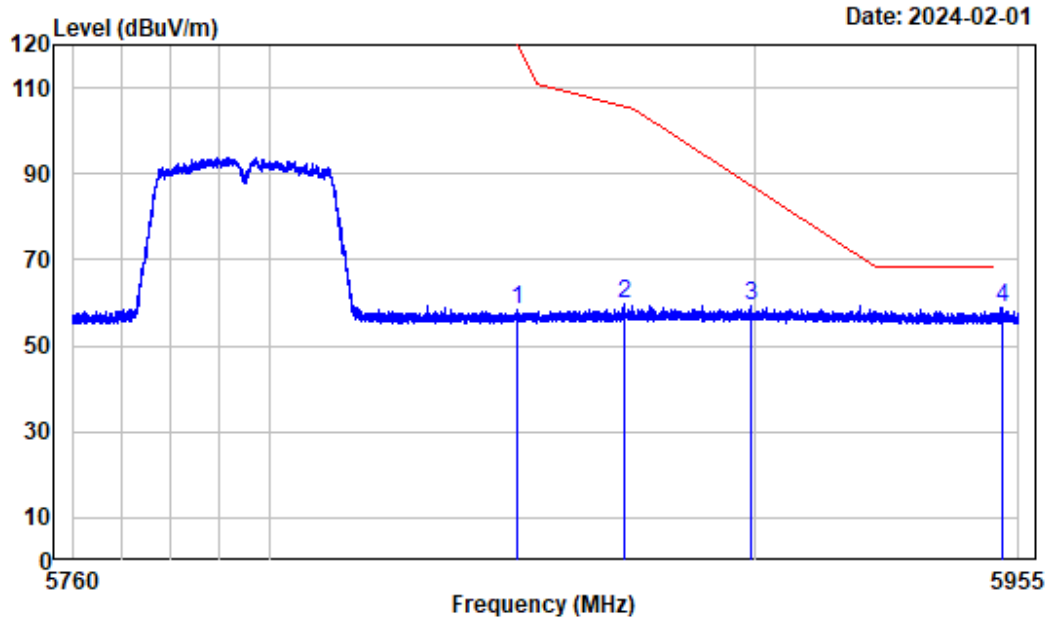
802.11ac40			
Test Channel:	**5795MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC40-5795

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5852.649	3.69	55.28	58.97	116.16	Peak	-57.19
2	5861.375	3.72	54.68	58.40	109.01	Peak	-50.61
3	5914.342	3.82	55.29	59.11	76.06	Peak	-16.95
4	5929.065	3.78	54.75	58.53	68.20	Peak	-9.67

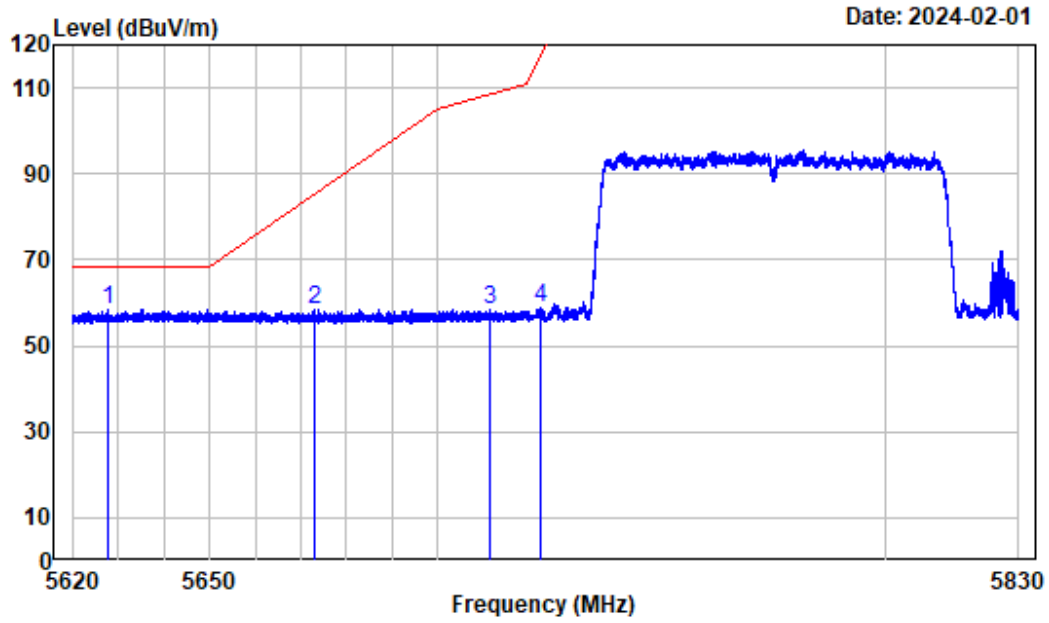
802.11ac40			
Test Channel:	**5795MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Dylan
Note : 5GWiFi_B4_AC40-5795

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5850.797	3.67	54.60	58.27	120.38	Peak	-62.11
2	5873.149	3.76	55.85	59.61	105.72	Peak	-46.11
3	5899.352	3.86	55.61	59.47	87.14	Peak	-27.67
4	5951.612	3.73	55.31	59.04	68.20	Peak	-9.16

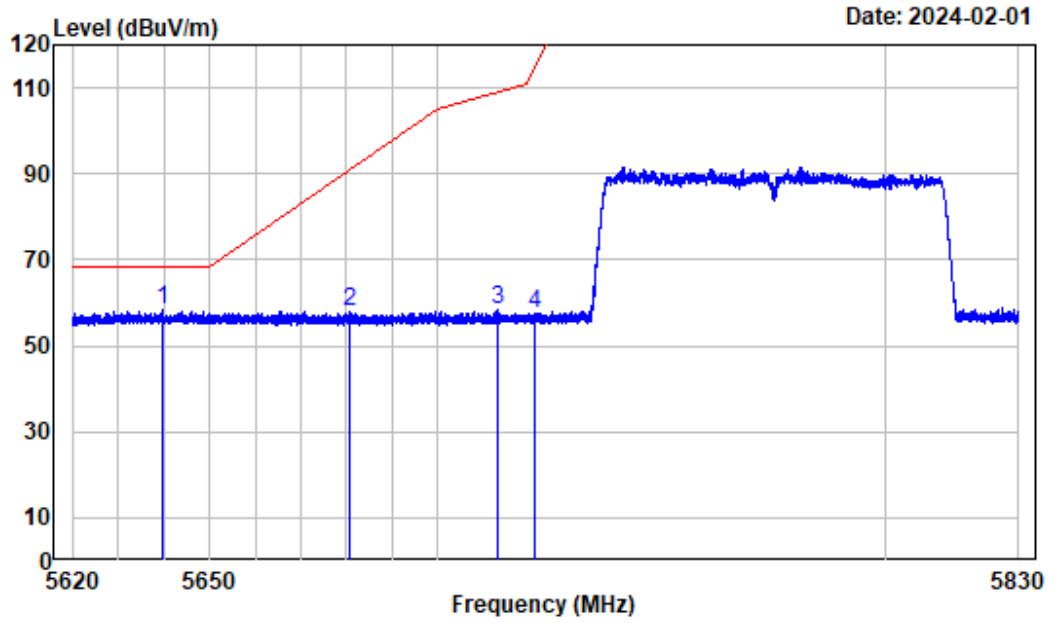
802.11ac80			
Test Channel:	**5775MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5627.770	3.10	55.41	58.51	68.20	Peak	-9.69
2	5673.183	3.35	55.18	58.53	85.40	Peak	-26.87
3	5711.560	3.47	54.84	58.31	108.44	Peak	-50.13
4	5723.163	3.48	55.57	59.05	118.01	Peak	-58.96

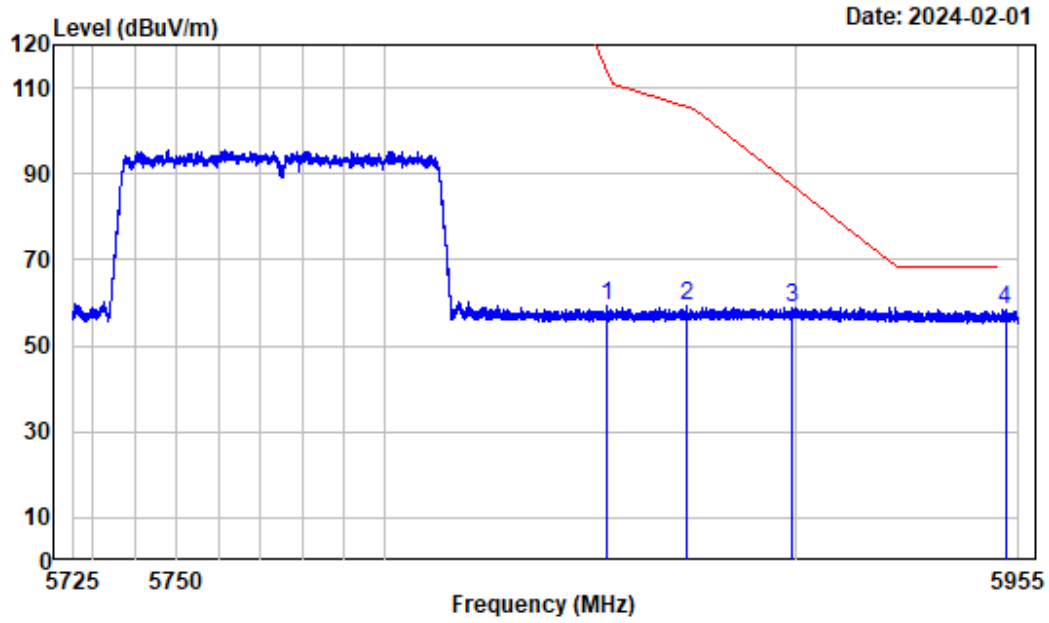
802.11ac80			
Test Channel:	**5775MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5639.635	3.20	55.26	58.46	68.20	Peak	-9.74
2	5680.690	3.38	54.65	58.03	90.95	Peak	-32.92
3	5713.292	3.48	54.84	58.32	108.92	Peak	-50.60
4	5721.719	3.48	54.21	57.69	114.72	Peak	-57.03

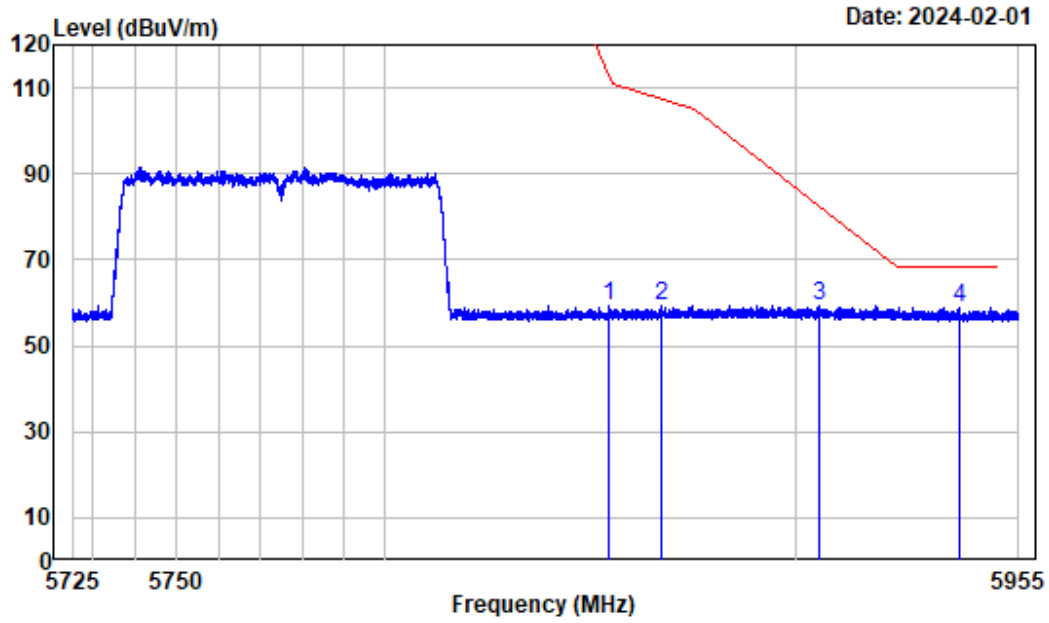
802.11ac80			
Test Channel:	**5775MHz**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5853.627	3.69	55.62	59.31	113.93	Peak	-54.62
2	5873.178	3.76	55.63	59.39	105.71	Peak	-46.32
3	5899.167	3.86	55.23	59.09	87.28	Peak	-28.19
4	5951.723	3.73	54.76	58.49	68.20	Peak	-9.71

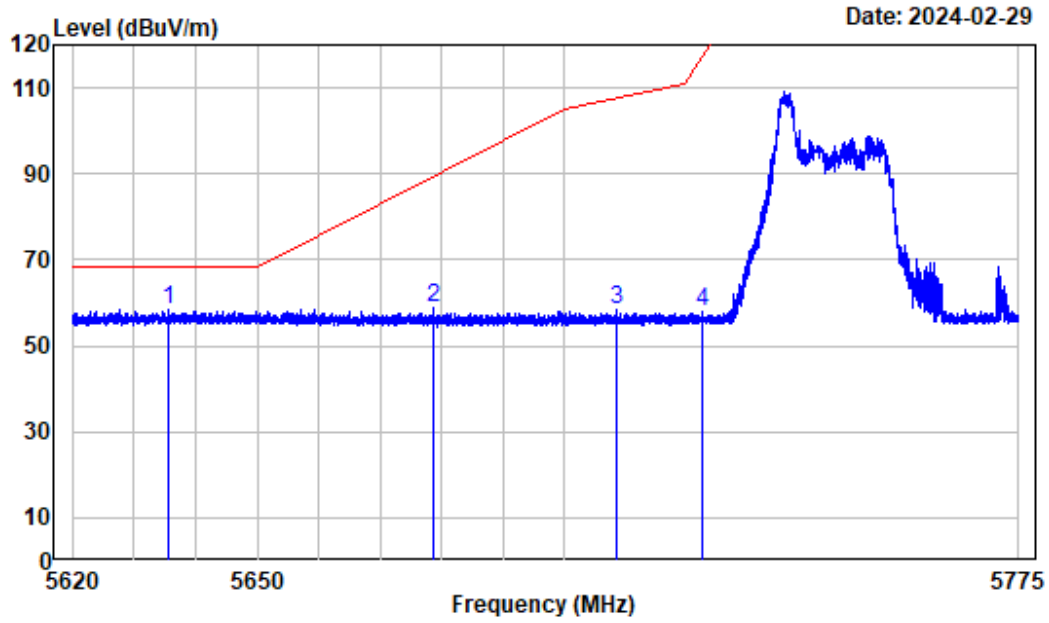
802.11ac80			
Test Channel:	**5775MHz**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5854.346	3.70	55.43	59.13	112.29	Peak	-53.16
2	5867.025	3.74	55.44	59.18	107.43	Peak	-48.25
3	5905.895	3.84	55.41	59.25	82.30	Peak	-23.05
4	5940.481	3.76	55.31	59.07	68.20	Peak	-9.13

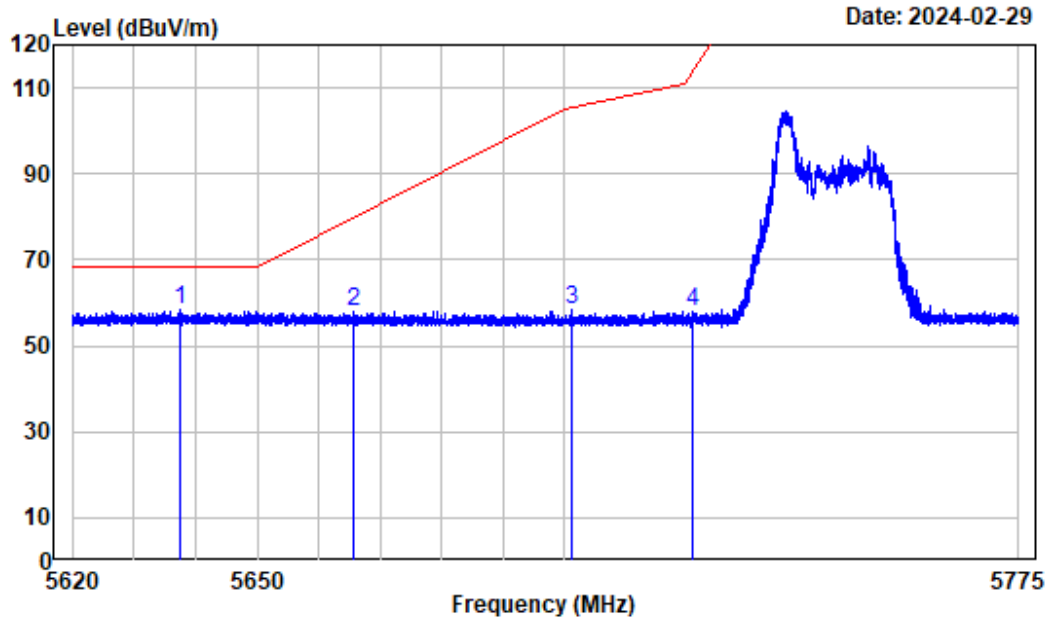
802.11ax20			
Test Channel:	**5745MHz_26Tone_RU0**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX20-5745_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5635.694	3.17	55.43	58.60	68.20	Peak	-9.60
2	5678.590	3.36	55.36	58.72	89.40	Peak	-30.68
3	5708.660	3.46	54.94	58.40	107.63	Peak	-49.23
4	5722.726	3.48	54.33	57.81	117.02	Peak	-59.21

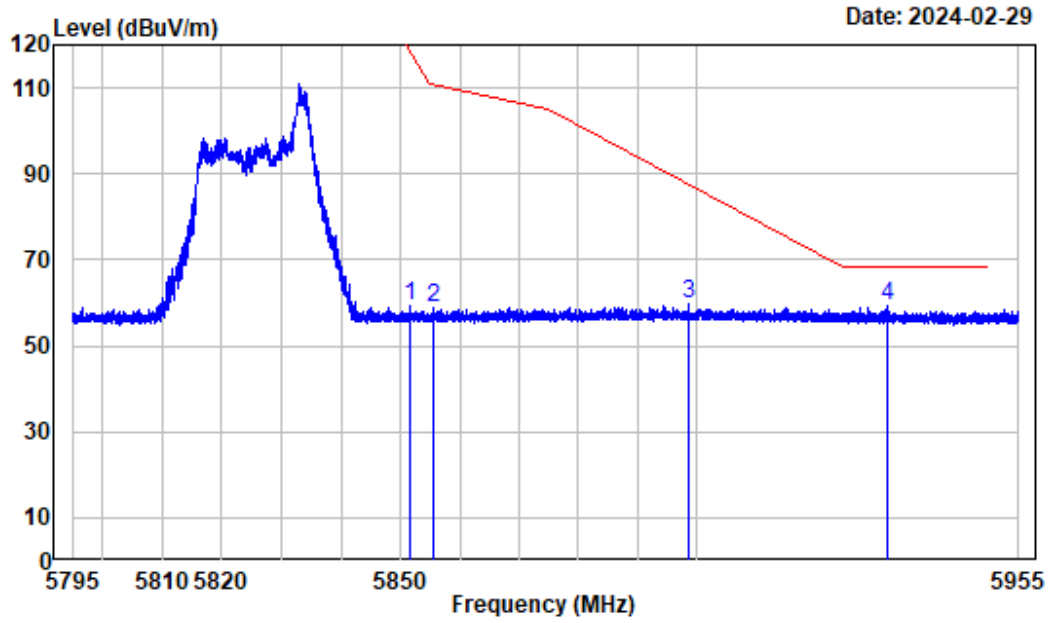
802.11ax20			
Test Channel:	**5745MHz_26Tone_RU0**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX20-5745_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5637.534	3.18	55.17	58.35	68.20	Peak	-9.85
2	5665.764	3.33	54.67	58.00	79.90	Peak	-21.90
3	5701.414	3.45	54.85	58.30	105.60	Peak	-47.30
4	5721.041	3.48	54.44	57.92	113.17	Peak	-55.25

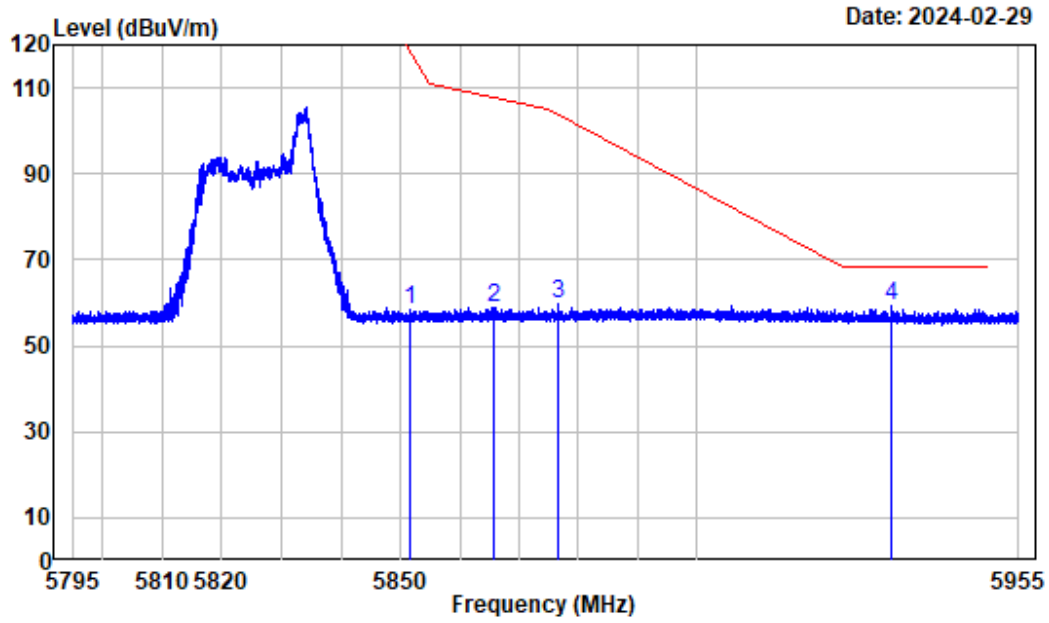
802.11ax20			
Test Channel:	**5825MHz_26Tone_RU8**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX20-5825_26Tone_RU8(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5851.760	3.69	55.79	59.48	118.19	Peak	-58.71
2	5855.540	3.70	55.04	58.74	110.65	Peak	-51.91
3	5898.720	3.85	55.90	59.75	87.61	Peak	-27.86
4	5932.680	3.77	55.54	59.31	68.20	Peak	-8.89

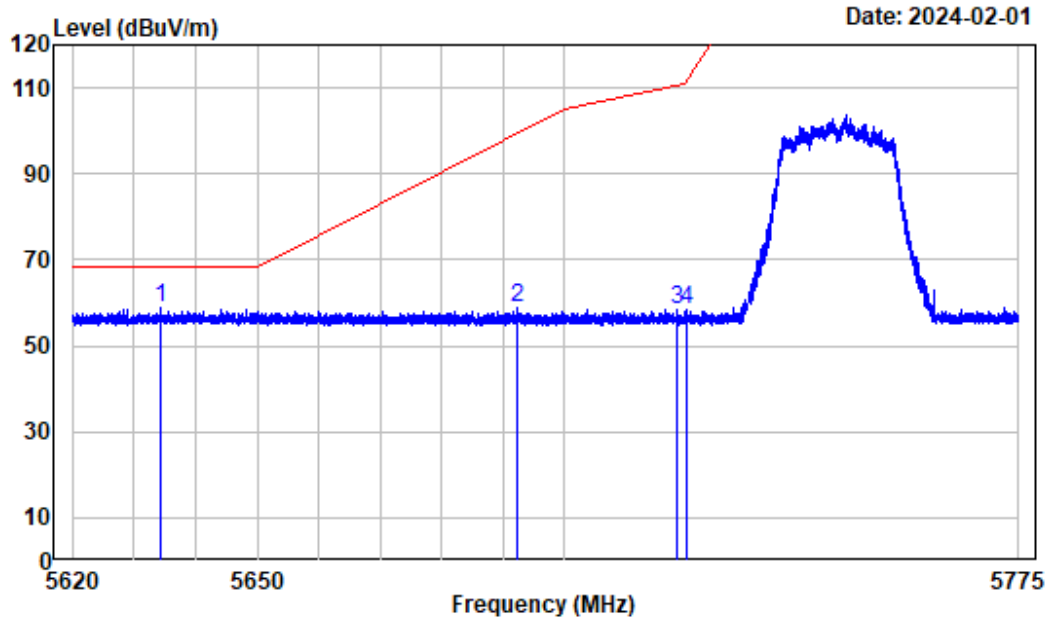
802.11ax20			
Test Channel:	**5825MHz_26Tone_RU8**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX20-5825_26Tone_RU8(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5851.540	3.68	54.62	58.30	118.69	Peak	-60.39
2	5865.760	3.73	55.13	58.86	107.78	Peak	-48.92
3	5876.580	3.78	55.92	59.70	104.03	Peak	-44.33
4	5933.260	3.77	55.43	59.20	68.20	Peak	-9.00

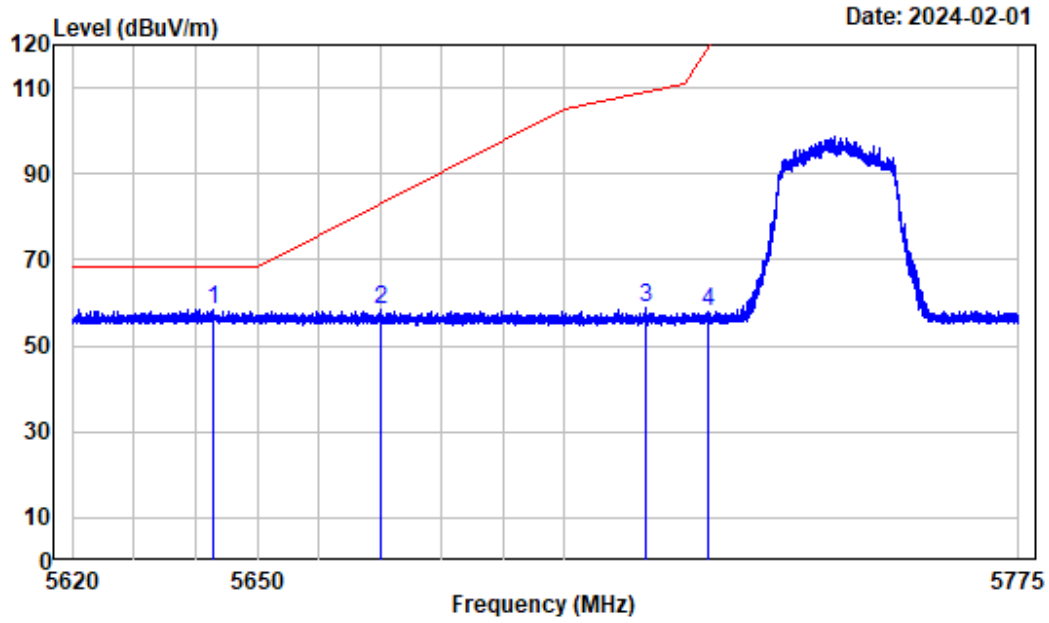
802.11ax20			
Test Channel:	**5745MHz_242Tone_RU61**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX20-5745

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5634.241	3.15	55.51	58.66	68.20	Peak	-9.54
2	5692.501	3.42	55.26	58.68	99.67	Peak	-40.99
3	5718.483	3.48	54.98	58.46	110.38	Peak	-51.92
4	5720.130	3.48	55.09	58.57	111.10	Peak	-52.53

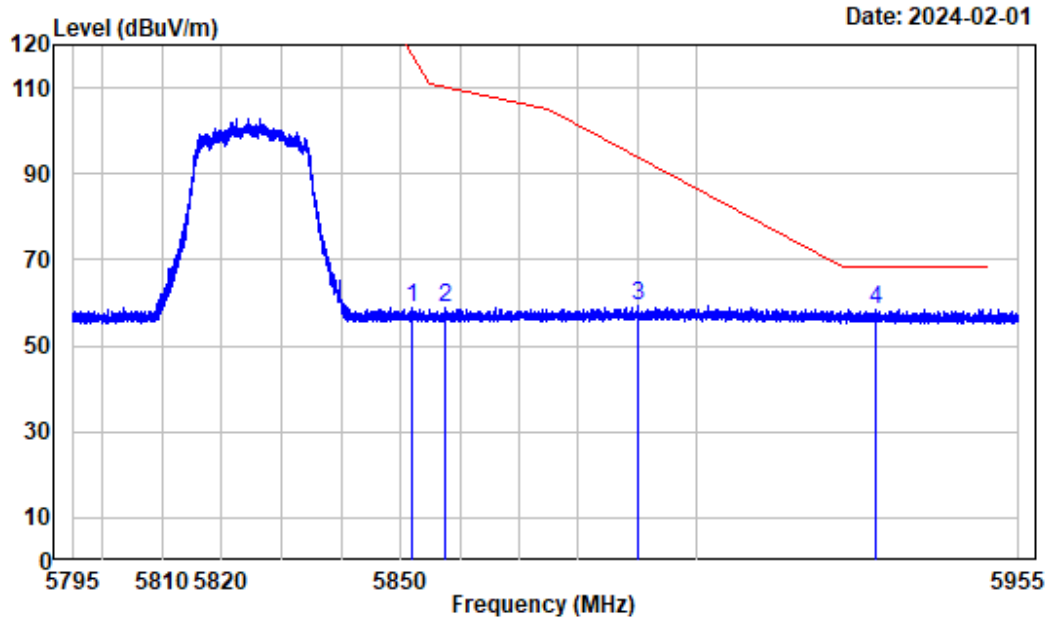
802.11ax20			
Test Channel:	**5745MHz_242Tone_RU61**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX20-5745

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5642.920	3.21	55.37	58.58	68.20	Peak	-9.62
2	5670.104	3.34	54.89	58.23	83.12	Peak	-24.89
3	5713.542	3.48	55.27	58.75	108.99	Peak	-50.24
4	5723.579	3.48	54.64	58.12	118.96	Peak	-60.84

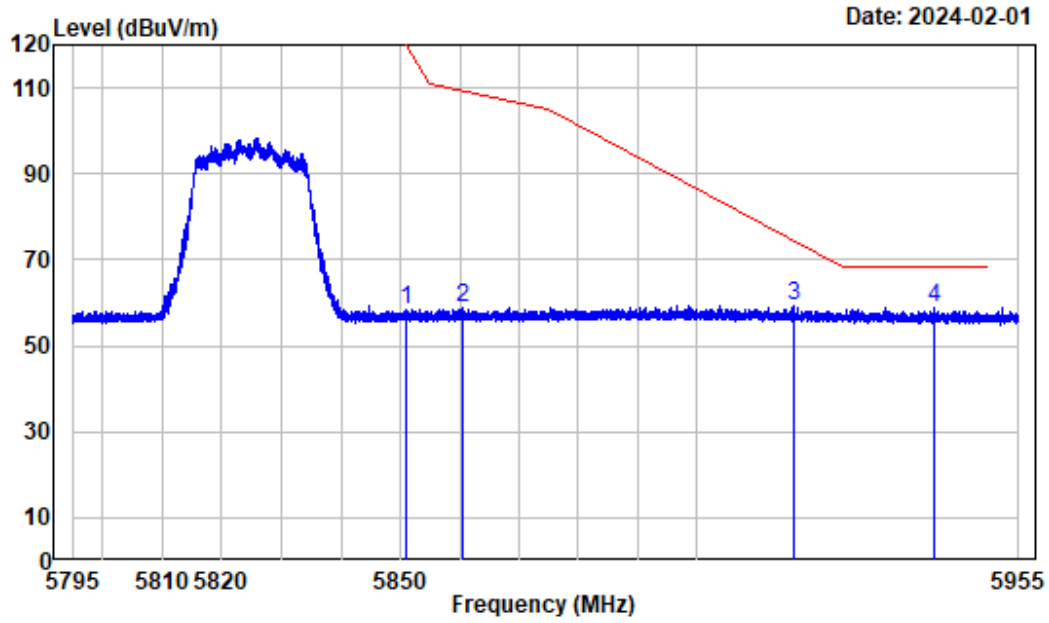
802.11ax20			
Test Channel:	**5825MHz_242Tone_RU61**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5852.000	3.69	55.09	58.78	117.64	Peak	-58.86
2	5857.620	3.71	55.23	58.94	110.07	Peak	-51.13
3	5890.140	3.82	55.31	59.13	93.96	Peak	-34.83
4	5930.440	3.79	54.79	58.58	68.20	Peak	-9.62

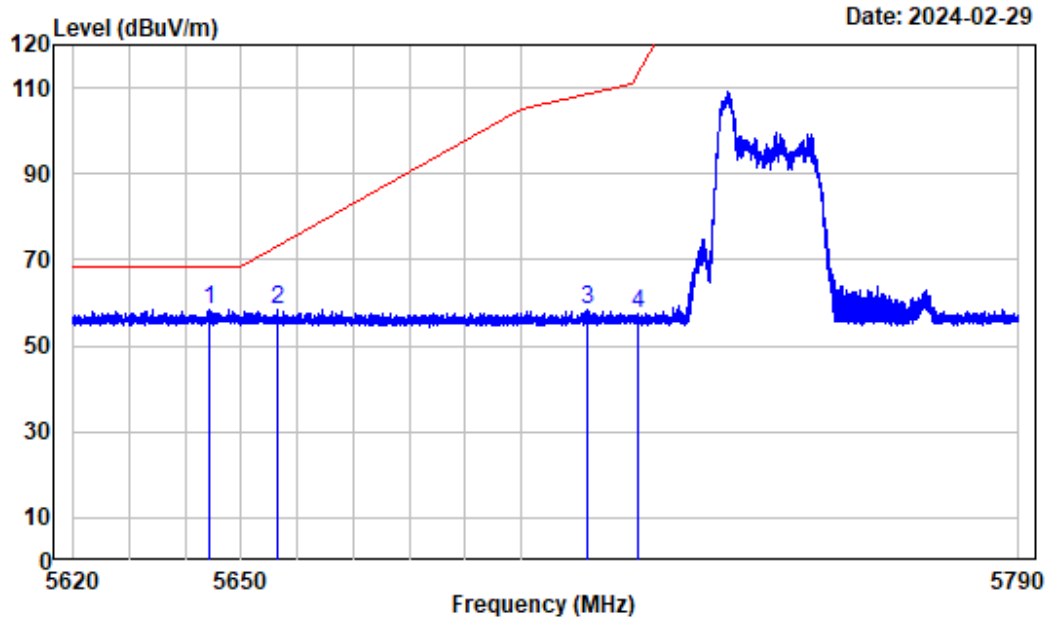
802.11ax20			
Test Channel:	**5825MHz_242Tone_RU61**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5851.020	3.67	54.76	58.43	119.87	Peak	-61.44
2	5860.580	3.71	55.20	58.91	109.24	Peak	-50.33
3	5916.580	3.82	55.47	59.29	74.41	Peak	-15.12
4	5940.460	3.76	55.11	58.87	68.20	Peak	-9.33

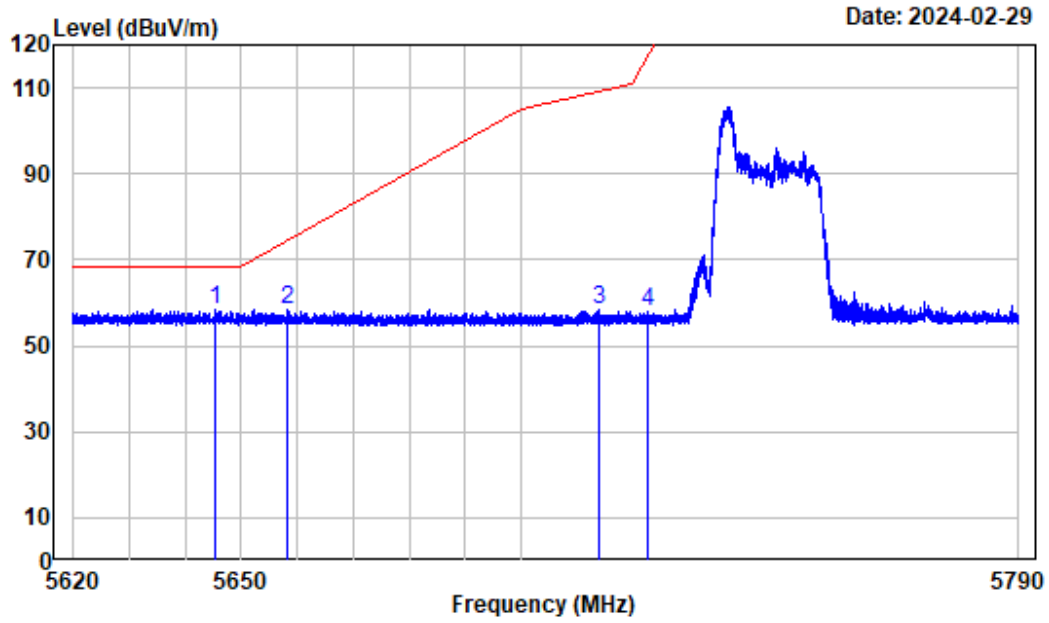
802.11ax40			
Test Channel:	**5755MHz_26Tone_RU0**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX40-5755_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5644.140	3.22	55.42	58.64	68.20	Peak	-9.56
2	5656.337	3.30	55.09	58.39	72.91	Peak	-14.52
3	5711.864	3.47	54.81	58.28	108.52	Peak	-50.24
4	5721.171	3.48	54.05	57.53	113.47	Peak	-55.94

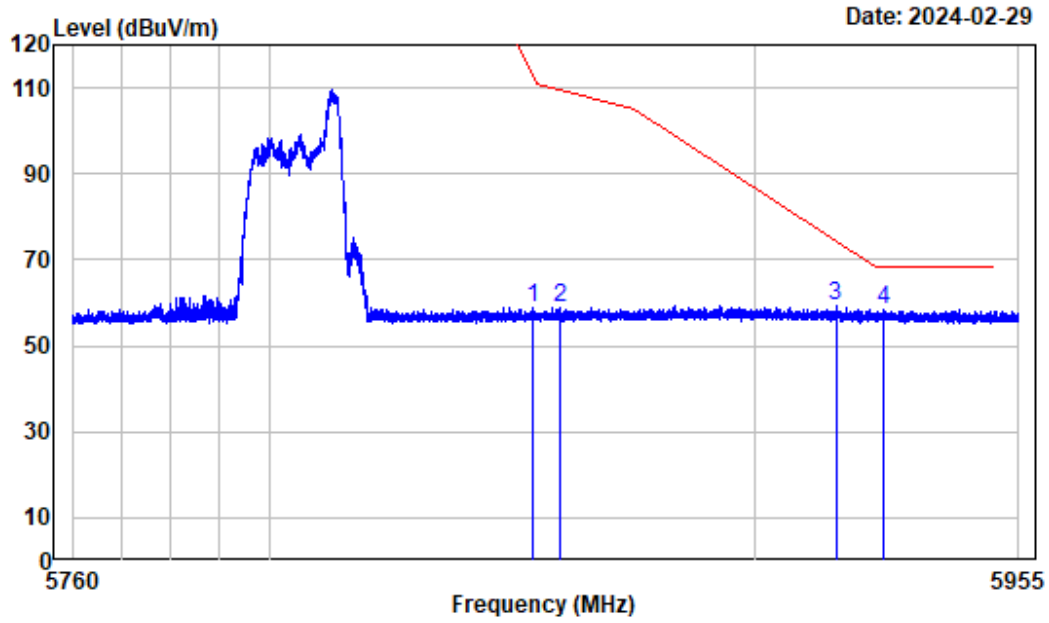
802.11ax40			
Test Channel:	**5755MHz_26Tone_RU0**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX40-5755_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5645.436	3.23	55.02	58.25	68.20	Peak	-9.95
2	5658.016	3.30	55.16	58.46	74.15	Peak	-15.69
3	5713.967	3.47	55.10	58.57	109.11	Peak	-50.54
4	5722.680	3.49	54.52	58.01	116.91	Peak	-58.90

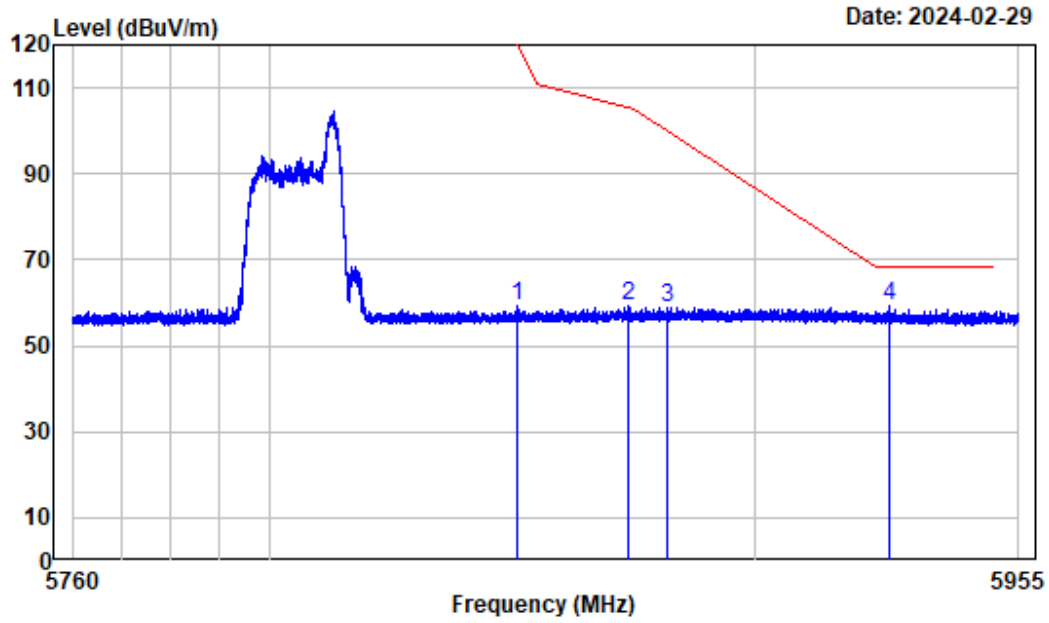
802.11ax40			
Test Channel:	**5795MHz_26Tone_RU17**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX40-5795_26Tone_RU17(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5854.258	3.70	54.99	58.69	112.49	Peak	-53.80
2	5859.596	3.71	55.25	58.96	109.51	Peak	-50.55
3	5916.829	3.82	55.63	59.45	74.23	Peak	-14.78
4	5926.603	3.79	54.59	58.38	68.20	Peak	-9.82

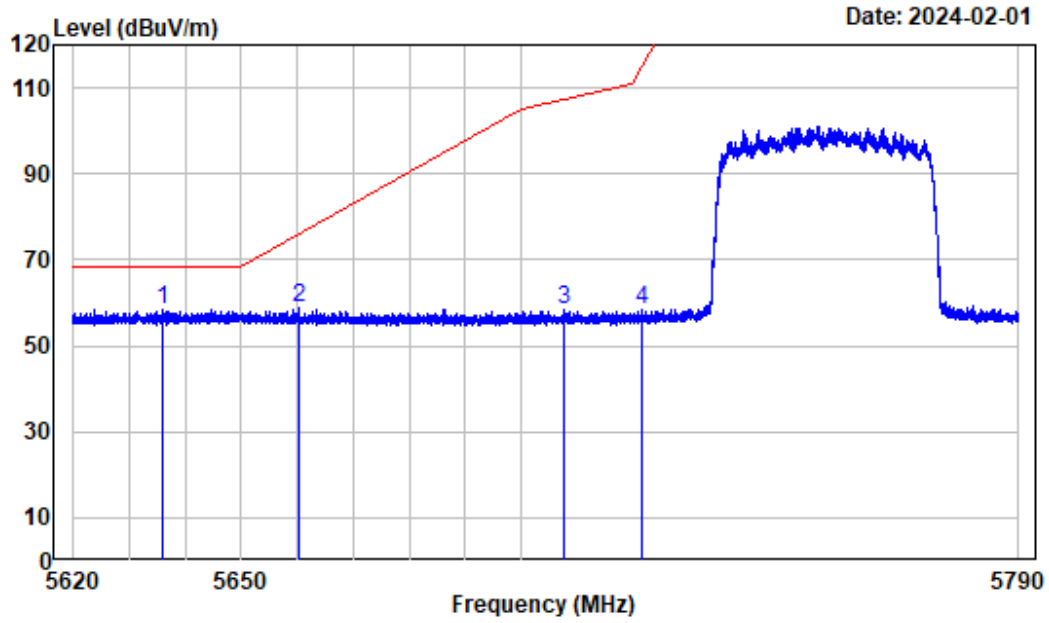
802.11ax40			
Test Channel:	**5795MHz_26Tone_RU17**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX40-5795_26Tone_RU17(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5850.943	3.67	55.44	59.11	120.05	Peak	-60.94
2	5873.904	3.77	55.40	59.17	105.51	Peak	-46.34
3	5881.948	3.79	55.23	59.02	100.04	Peak	-41.02
4	5928.139	3.78	55.41	59.19	68.20	Peak	-9.01

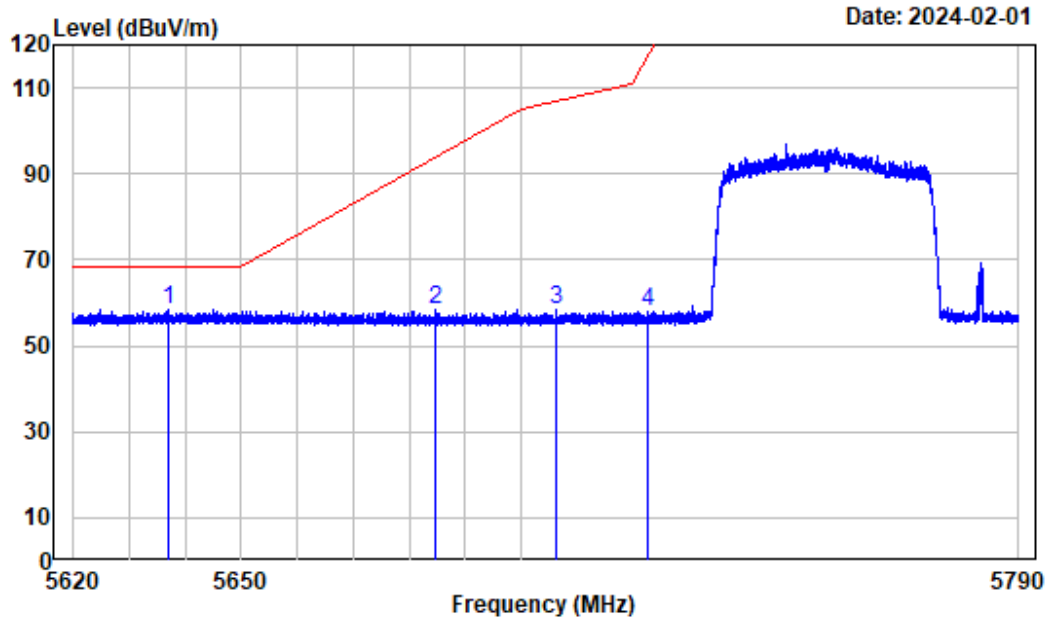
802.11ax40			
Test Channel:	**5755MHz_484Tone_RU65**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX40-5755

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5636.107	3.17	55.39	58.56	68.20	Peak	-9.64
2	5660.375	3.30	55.43	58.73	75.90	Peak	-17.17
3	5707.635	3.46	54.95	58.41	107.34	Peak	-48.93
4	5721.873	3.48	54.85	58.33	115.07	Peak	-56.74

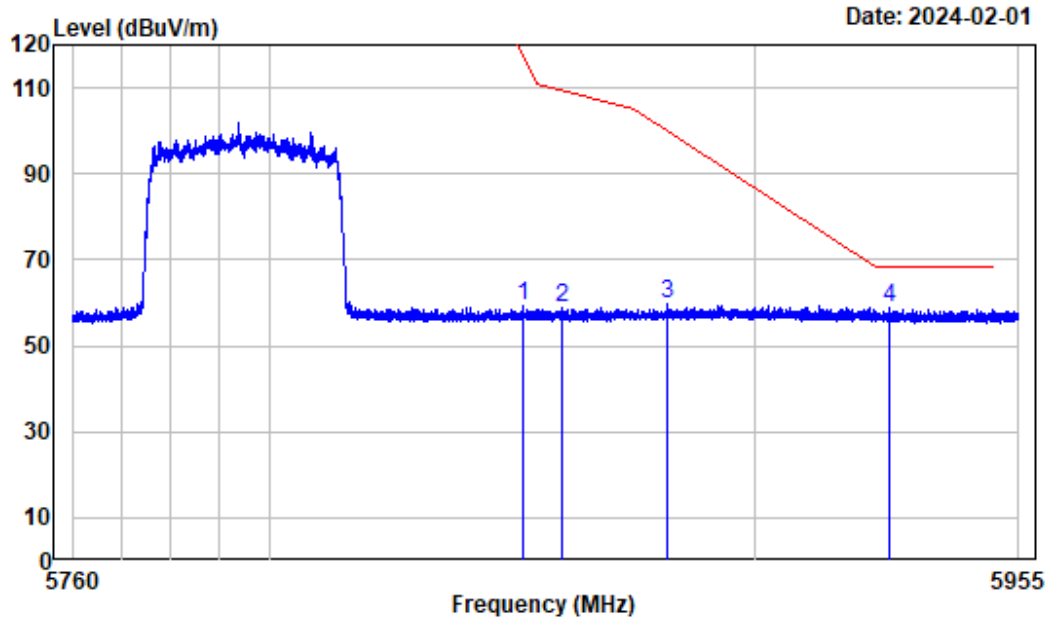
802.11ax40			
Test Channel:	**5755MHz_484Tone_RU65**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX40-5755

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5637.085	3.18	55.32	58.50	68.20	Peak	-9.70
2	5684.664	3.40	55.06	58.46	93.89	Peak	-35.43
3	5706.147	3.45	54.93	58.38	106.92	Peak	-48.54
4	5722.786	3.48	54.55	58.03	117.15	Peak	-59.12

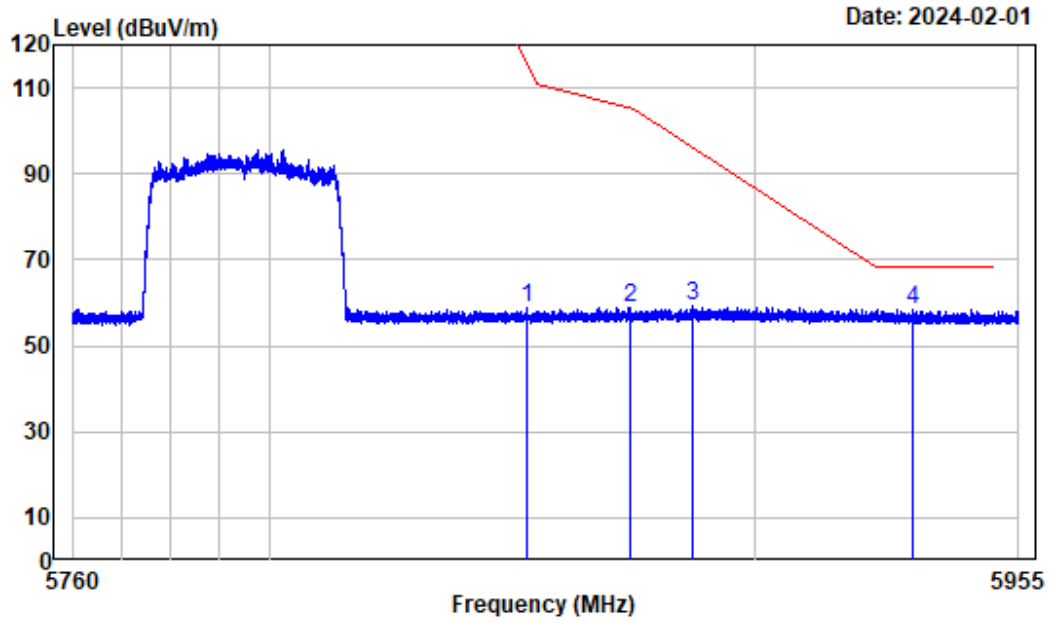
802.11ax40			
Test Channel:	**5795MHz_484Tone_RU65**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX40-5795

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5851.918	3.69	55.53	59.22	117.83	Peak	-58.61
2	5860.108	3.71	55.10	58.81	109.37	Peak	-50.56
3	5881.973	3.79	55.87	59.66	100.02	Peak	-40.36
4	5928.139	3.78	54.99	58.77	68.20	Peak	-9.43

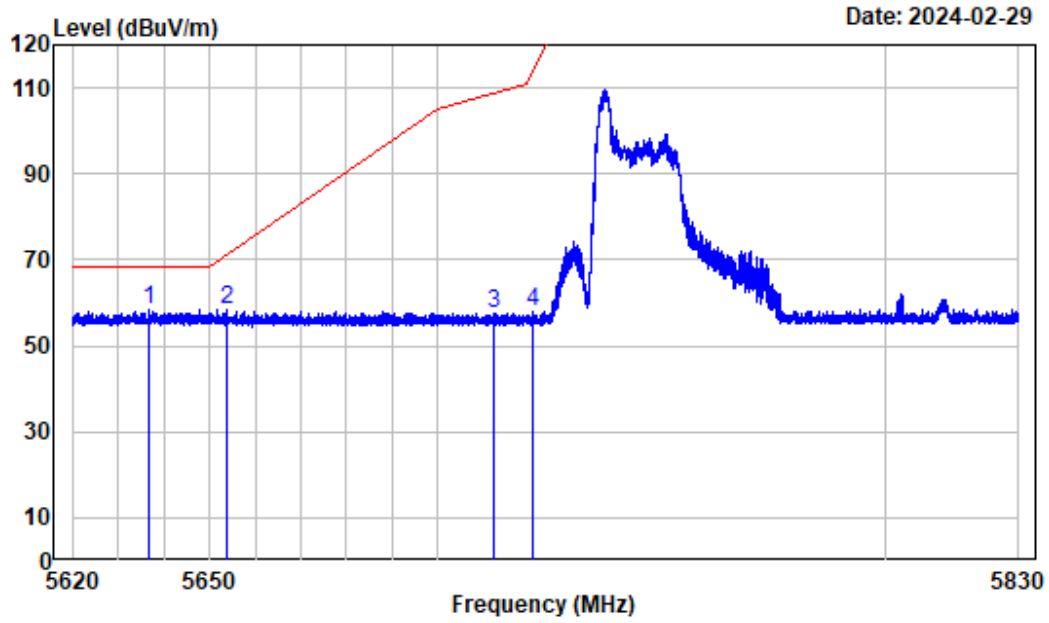
802.11ax40			
Test Channel:	**5795MHz_484Tone_RU65**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX40-5795

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5852.771	3.69	55.03	58.72	115.88	Peak	-57.16
2	5874.197	3.77	55.09	58.86	105.42	Peak	-46.56
3	5887.213	3.81	55.51	59.32	96.13	Peak	-36.81
4	5933.014	3.77	54.77	58.54	68.20	Peak	-9.66

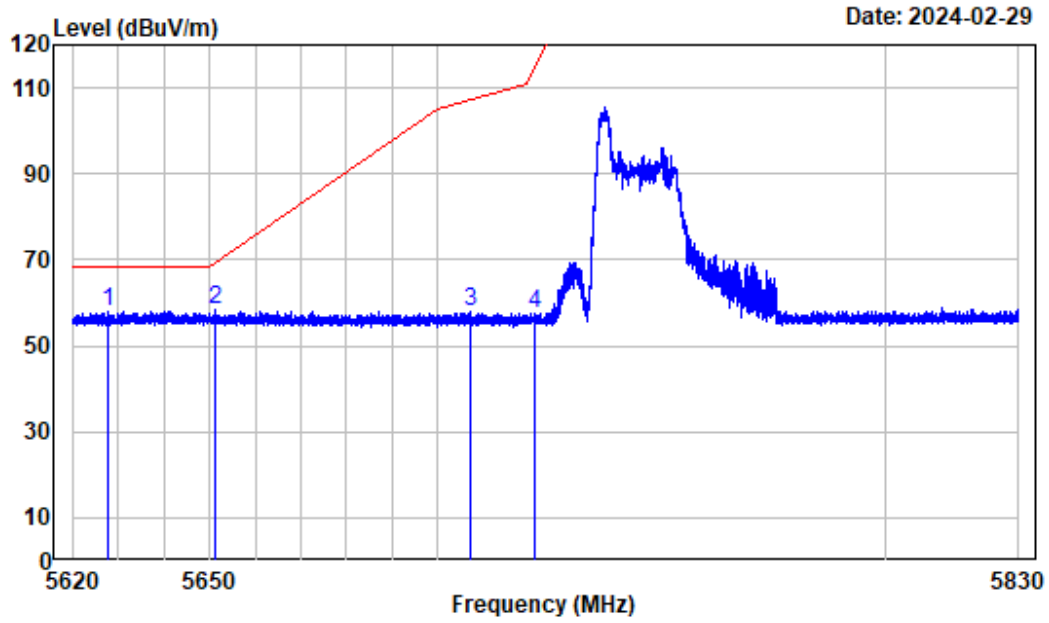
802.11ax80			
Test Channel:	**5775MHz_26Tone_RU0**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX80-5775_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5636.616	3.17	55.34	58.51	68.20	Peak	-9.69
2	5653.836	3.29	55.13	58.42	71.05	Peak	-12.63
3	5712.505	3.48	54.23	57.71	108.70	Peak	-50.99
4	5721.430	3.48	54.68	58.16	114.06	Peak	-55.90

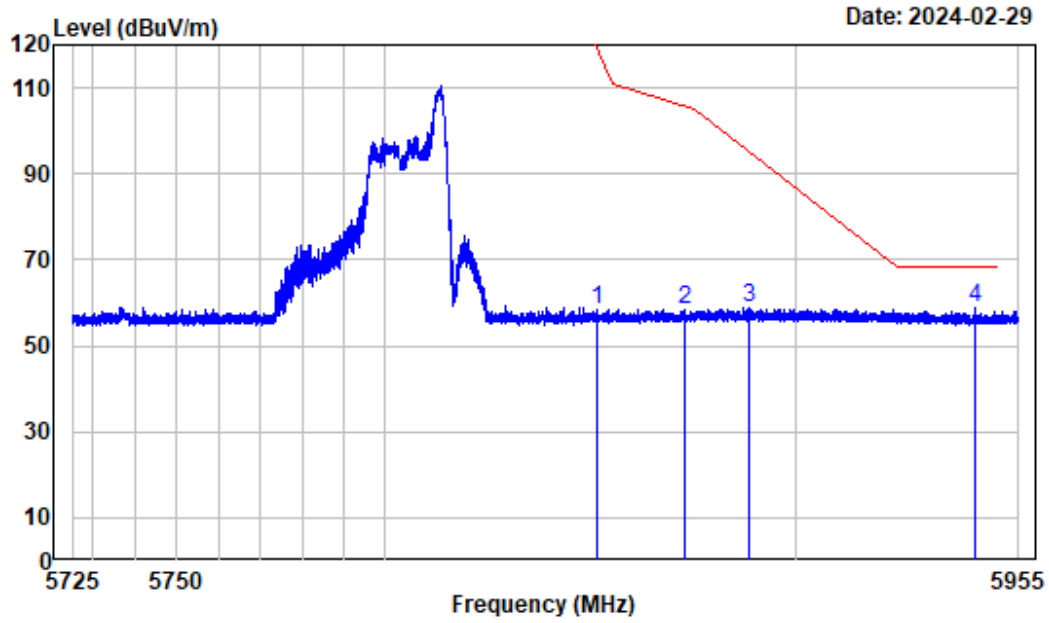
802.11ax80			
Test Channel:	**5775MHz_26Tone_RU0**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX80-5775_26Tone_RU0(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5627.875	3.10	54.99	58.09	68.20	Peak	-10.11
2	5651.316	3.28	54.99	58.27	69.18	Peak	-10.91
3	5707.623	3.46	54.45	57.91	107.34	Peak	-49.43
4	5721.692	3.48	54.07	57.55	114.66	Peak	-57.11

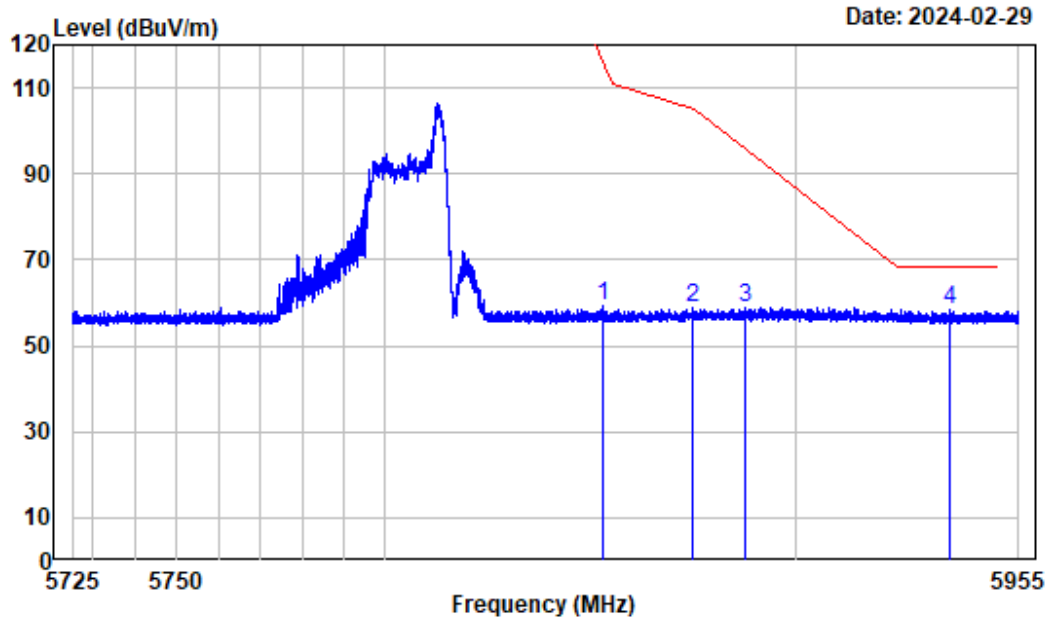
802.11ax80			
Test Channel:	**5775MHz_26Tone_RU36**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX80-5775_26Tone_RU36(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5851.328	3.68	54.74	58.42	119.17	Peak	-60.75
2	5872.947	3.76	54.87	58.63	105.77	Peak	-47.14
3	5888.674	3.81	55.17	58.98	95.05	Peak	-36.07
4	5944.391	3.74	54.98	58.72	68.20	Peak	-9.48

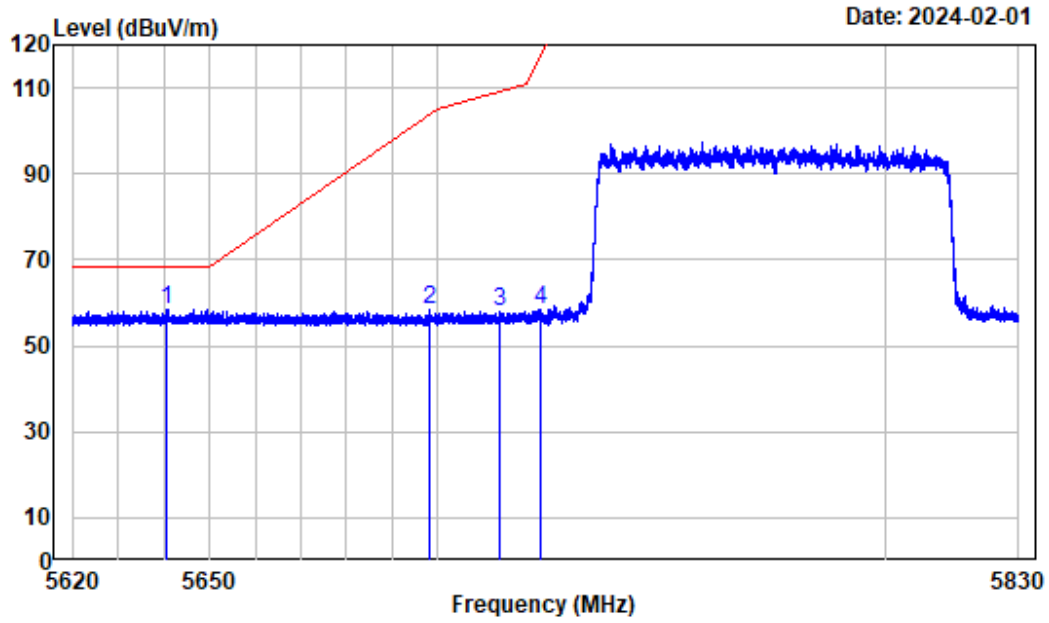
802.11ax80			
Test Channel:	**5775MHz_26Tone_RU36**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E-RF
Tester : Zenos Qiao
Note : 5GWiFi-B4-AX80-5775_26Tone_RU36(Worst Case)

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5852.708	3.69	55.57	59.26	116.03	Peak	-56.77
2	5874.874	3.77	55.11	58.88	105.24	Peak	-46.36
3	5887.754	3.81	55.16	58.97	95.73	Peak	-36.76
4	5937.894	3.76	54.62	58.38	68.20	Peak	-9.82

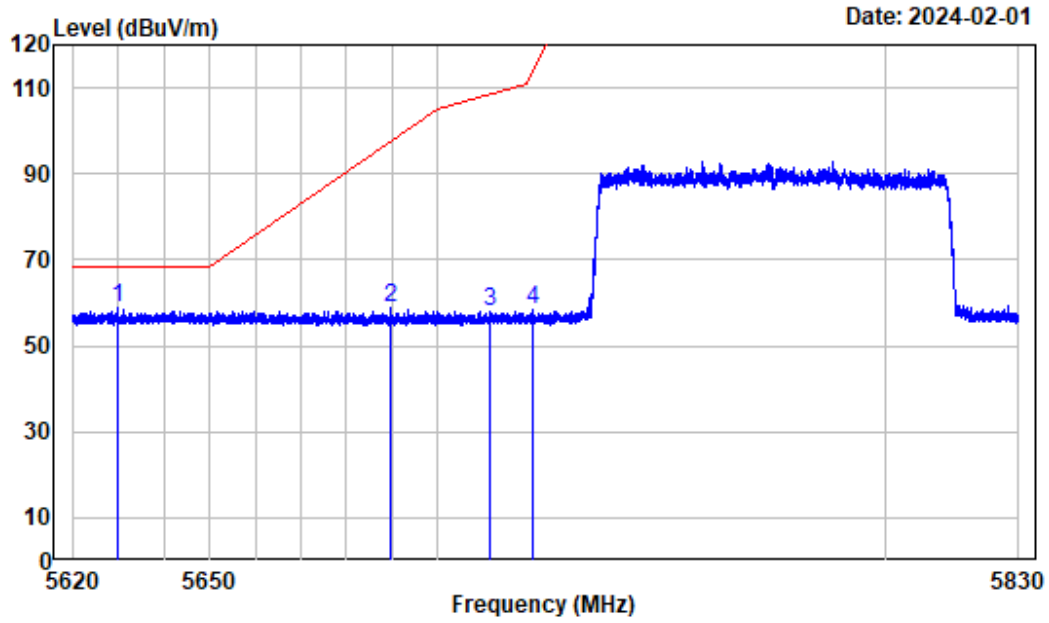
802.11ax80			
Test Channel:	**5775MHz_996Tone_RU67**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5640.370	3.20	55.42	58.62	68.20	Peak	-9.58
2	5698.356	3.44	54.90	58.34	103.99	Peak	-45.65
3	5713.817	3.47	54.57	58.04	109.07	Peak	-51.03
4	5723.005	3.48	55.08	58.56	117.65	Peak	-59.09

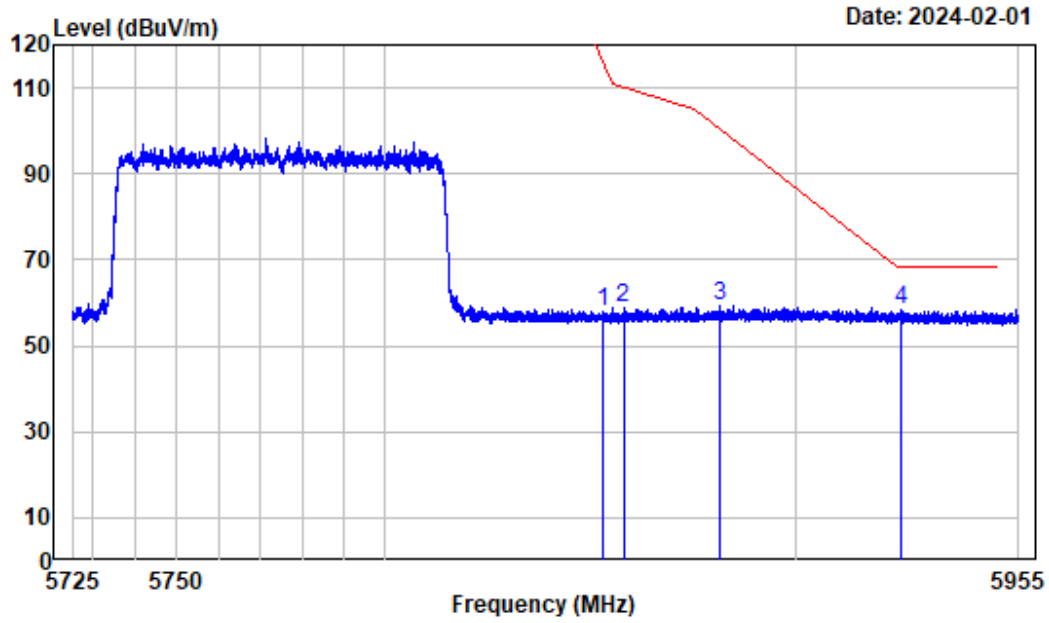
802.11ax80			
Test Channel:	**5775MHz_996Tone_RU67**	**Ant. Polar. :**	**Vertical**



Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5629.817	3.12	55.70	58.82	68.20	Peak	-9.38
2	5689.667	3.41	55.29	58.70	97.58	Peak	-38.88
3	5711.665	3.47	54.50	57.97	108.47	Peak	-50.50
4	5721.194	3.48	54.83	58.31	113.52	Peak	-55.21

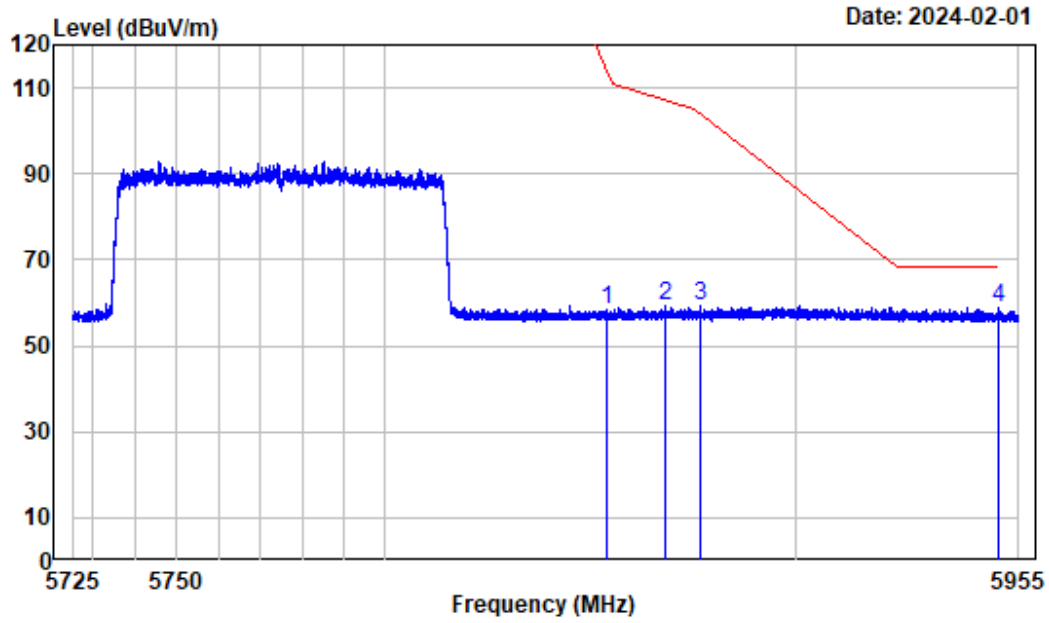
802.11ax80			
Test Channel:	**5775MHz_996Tone_RU67**	**Ant. Polar. :**	**Horizontal**



Condition : Horizontal
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5852.708	3.69	54.27	57.96	116.03	Peak	-58.07
2	5857.854	3.71	55.20	58.91	110.00	Peak	-51.09
3	5881.515	3.79	55.65	59.44	100.36	Peak	-40.92
4	5926.135	3.79	54.60	58.39	68.20	Peak	-9.81

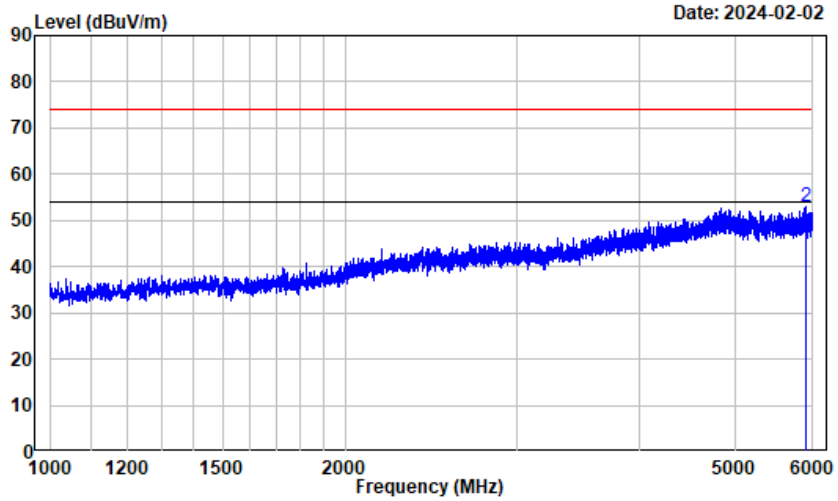
802.11ax80			
Test Channel:	**5775MHz_996Tone_RU67**	**Ant. Polar. :**	**Vertical**

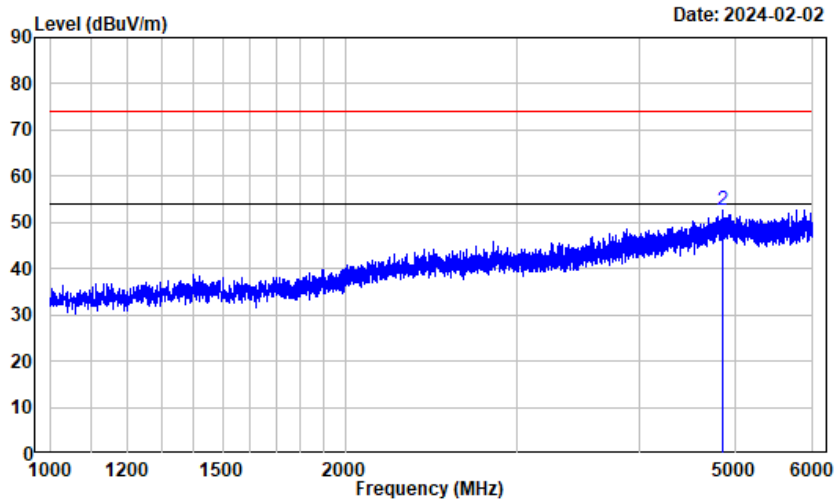


Condition : Vertical
Project No.: SZ1231213-75213E
Tester : Zenos Qiao
Note : 5GWiFi_B4_AX80-5775

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	5853.800	3.70	54.63	58.33	113.54	Peak	-55.21
2	5867.945	3.75	55.47	59.22	107.17	Peak	-47.95
3	5876.627	3.78	55.46	59.24	103.99	Peak	-44.75
4	5950.256	3.73	55.13	58.86	68.20	Peak	-9.34

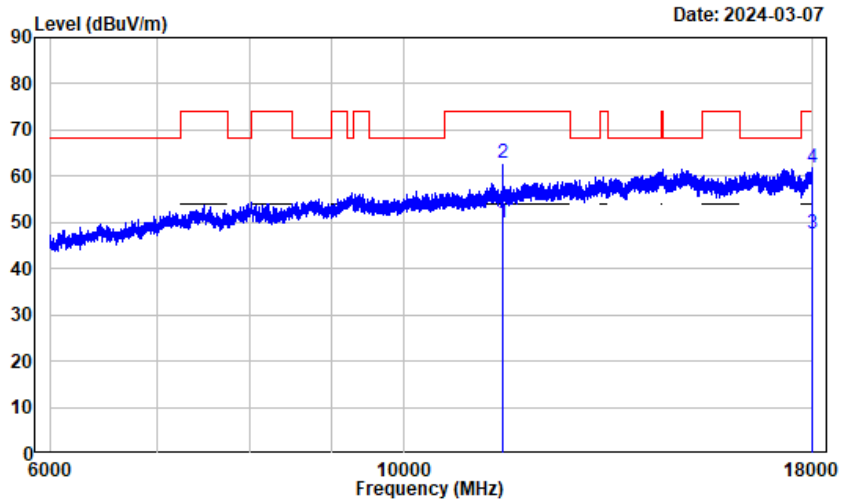
Listed with the worst harmonic margin test plot (802.11ax40, 5755MHz)

Horizontal	
1-6GHz	 Condition : Horizontal Project No.: SZ1231213-75213E-RF Tester : Zenos Qiao Note : 5G WiFi_B4_AX40-5755 Freq / Read Level / Limit Line / Over Limit 1 5903.125 MHz 3.85 dB/m 41.04 dBuV 44.89 dBuV/m 54.00 dBuV/m Average -9.11 dB 2 5903.125 MHz 3.85 dB/m 49.09 dBuV 52.94 dBuV/m 74.00 dBuV/m Peak -21.06 dB

Vertical	
1-6GHz	 Condition : Vertical Project No.: SZ1231213-75213E-RF Tester : Zenos Qiao Note : 5G WiFi_B4_AX40-5755 | | Freq | Factor | Read Level | Limit Level | Limit Line | Remark | Over Limit | | | MHz | dB/m | dBuV | dBuV/m | dBuV/m | | dB | | 1 | 4861.250 | 2.51 | 42.73 | 45.24 | 54.00 | Average | -8.76 | | 2 | 4861.250 | 2.51 | 50.13 | 52.64 | 74.00 | Peak | -21.36 |

Horizontal

6-18GHz

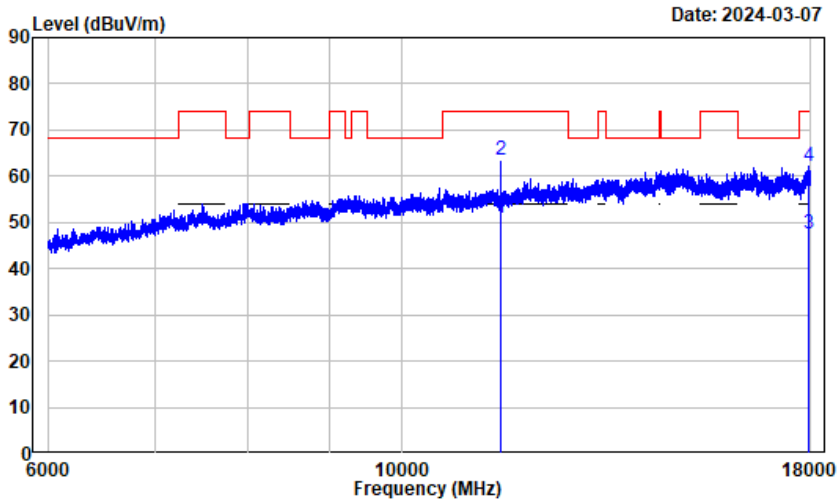


Condition : Horizontal
Project No.: SZKA231213-75287E
Tester : Dylan
Note : 5Gwifi band4_5755

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	11510.000	14.29	35.57	49.86	54.00	Average	-4.14
2	11510.000	14.29	48.48	62.77	74.00	Peak	-11.23
3	17977.500	24.45	23.03	47.48	54.00	Average	-6.52
4	17977.500	24.45	37.37	61.82	74.00	Average	-12.18

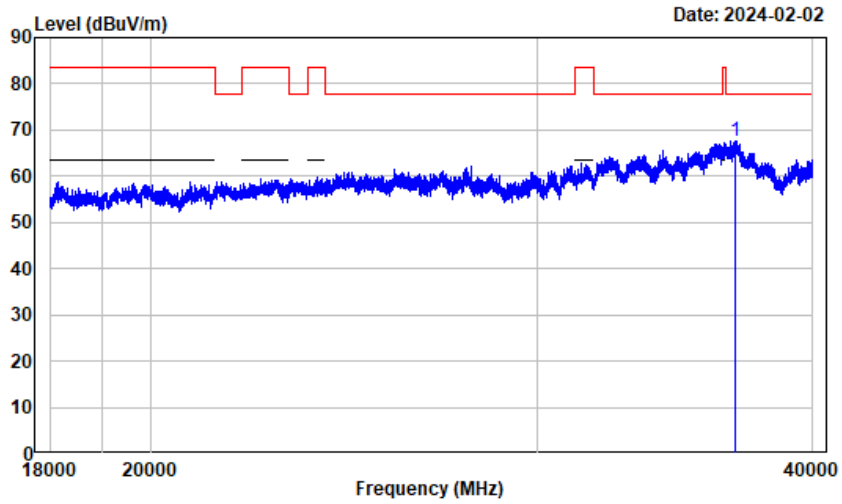
Vertical

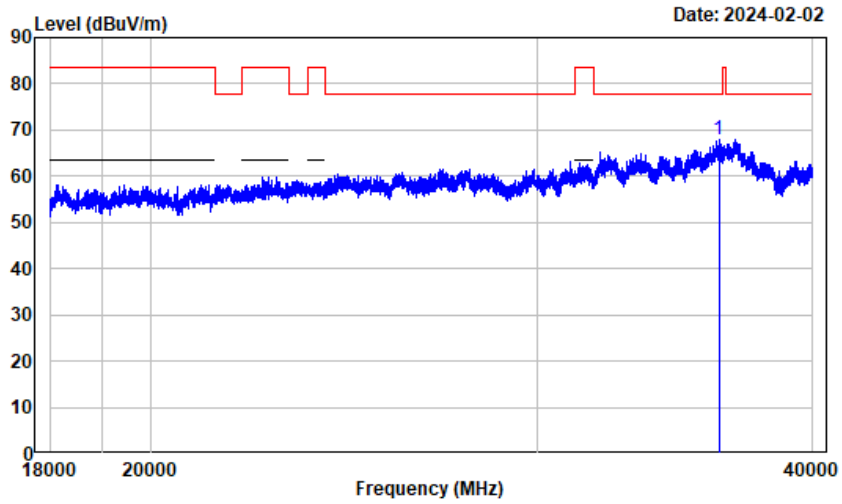
6-18GHz



Condition : Vertical
Project No.: SZKA231213-75287E
Tester : Dylan
Note : 5Gwifi band4_5755

	Freq	Factor	Read Level	Level	Limit Line	Remark	Over Limit
	MHz	dB/m	dBuV	dBuV/m	dBuV/m		dB
1	11510.000	14.29	36.71	51.00	54.00	Average	-3.00
2	11510.000	14.29	49.32	63.61	74.00	Peak	-10.39
3	17938.500	24.18	23.44	47.62	54.00	Average	-6.38
4	17938.500	24.18	37.80	61.98	74.00	Peak	-12.02

Horizontal	
18-40GHz	 Project No. : SZ1231213-75213E Tester : Zenos Qiao Polarization: Horizontal Note : 5GWIFI_band4_AX40_5755 Freq / Factor / Read Level / Limit Level / Limit Line / Remark / Over Limit MHz / dB/m / dBuV / dBuV/m / dBuV/m / / dB 1 36859.500 25.03 42.66 67.69 77.70 Peak -10.01

Vertical	
18-40GHz	 Project No. : SZ1231213-75213E Tester : Zenos Qiao Polarization: Vertical Note : 5GWIFI_band4_AX40_5755 Freq / Factor / Read Level / Limit Level / Limit Line / Remark / Over Limit MHz / dB/m / dBuV / dBuV/m / dBuV/m / / dB 1 36254.500 24.58 43.40 67.98 77.70 Peak -9.72

FCC §15.407(a), (e) – 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.

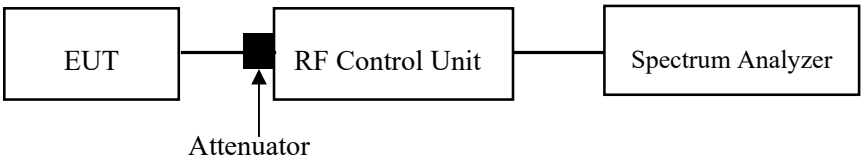
Test Procedure

According to KDB789033 D02 section II.C and section II.D

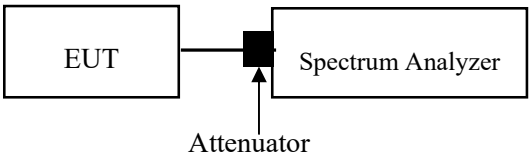
1. Emission Bandwidth (EBW)
a) Set RBW = approximately 1% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. **Minimum Emission Bandwidth for the band 5.725-5.85 GHz**
Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.725-5.85 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 = auto couple.
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.

For 802.11ax Mode:



For other Modes:



Test Data

Environmental Conditions

Temperature:	23~26 ℃
Relative Humidity:	40~50 %
ATM Pressure:	100.1~101.0 kPa

The testing was performed by Bamboo Zhan from 2024-02-27 to 2024-02-28 and Tom Liu from 2024-02-29 to 2024-03-01.

EUT operation mode: Transmitting

Test Result: Compliant.

5150-5250MHz:

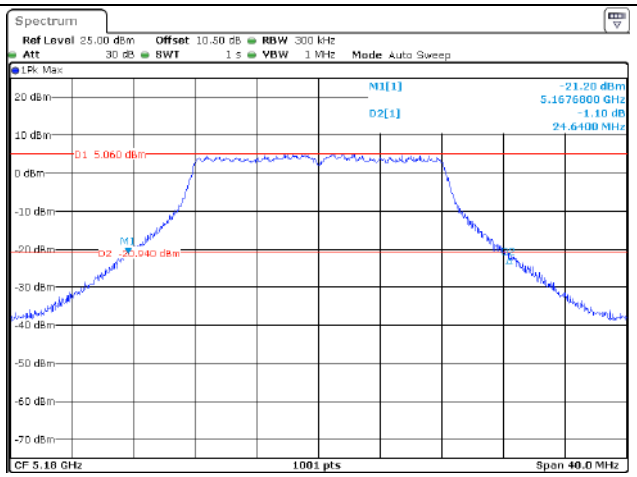
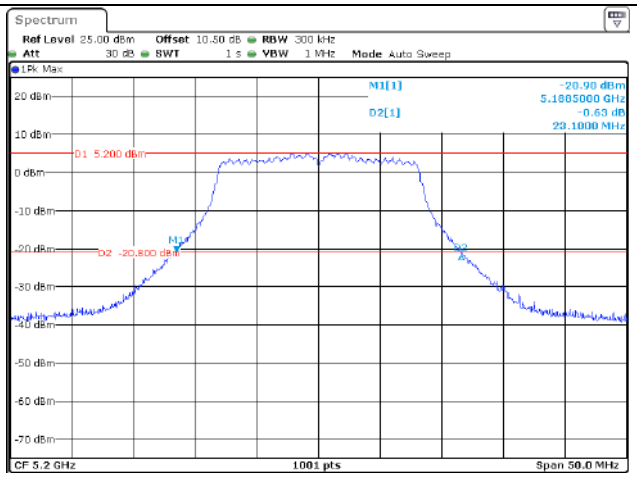
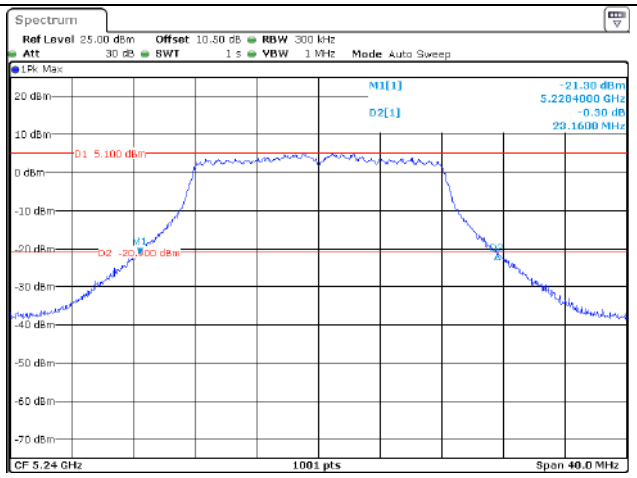
Test Modes	Test Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5180	24.64	17.34
	5200	23.10	17.02
	5240	23.16	17.02
802.11ac vht20	5180	25.76	18.50
	5200	24.05	18.22
	5240	24.70	18.18
802.11ac vht40	5190	41.28	36.28
	5230	40.95	36.28
802.11ac vht80	5210	80.92	75.76
Note: Test only was performed at ANT 1. The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth			

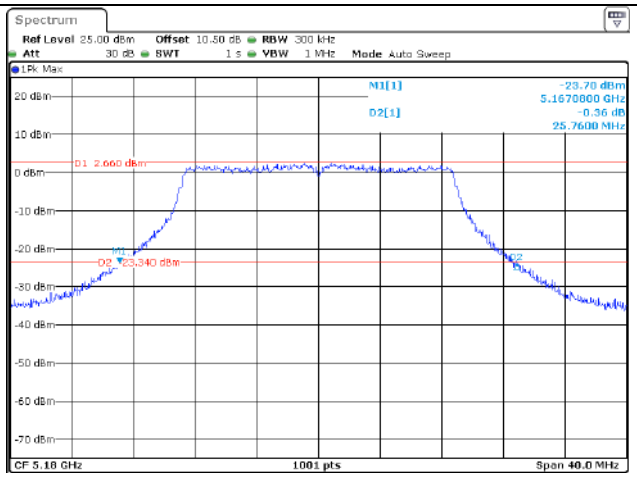
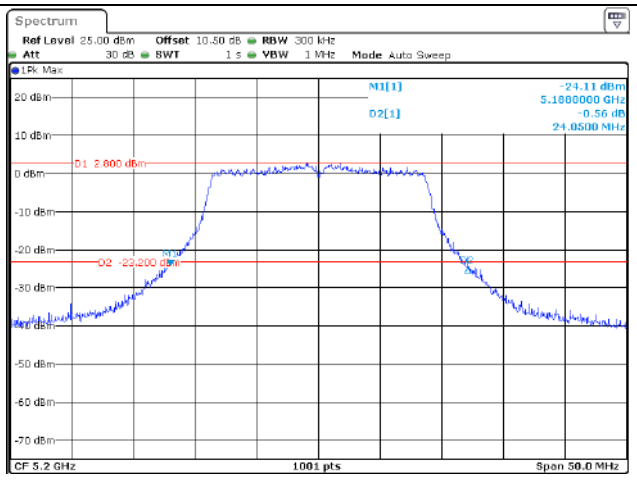
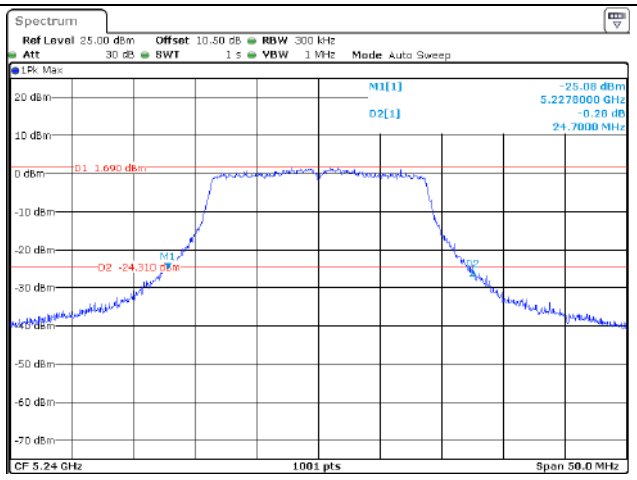
5725-5850MHz:

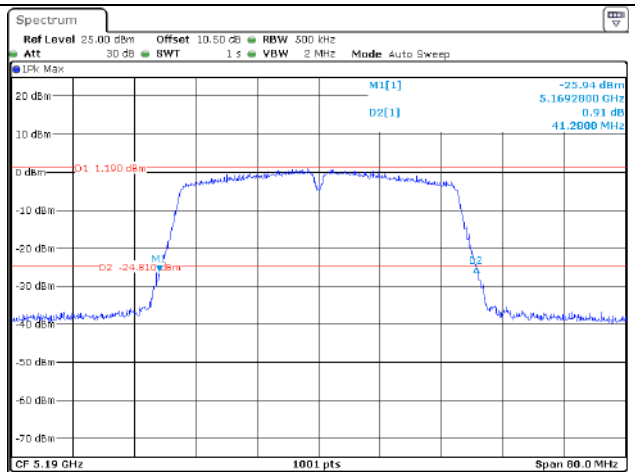
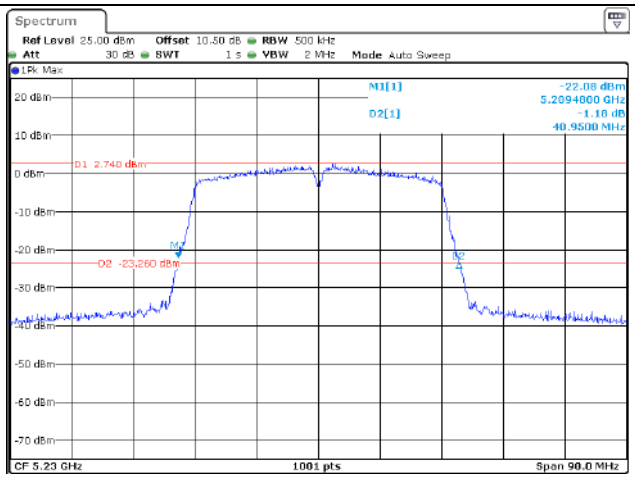
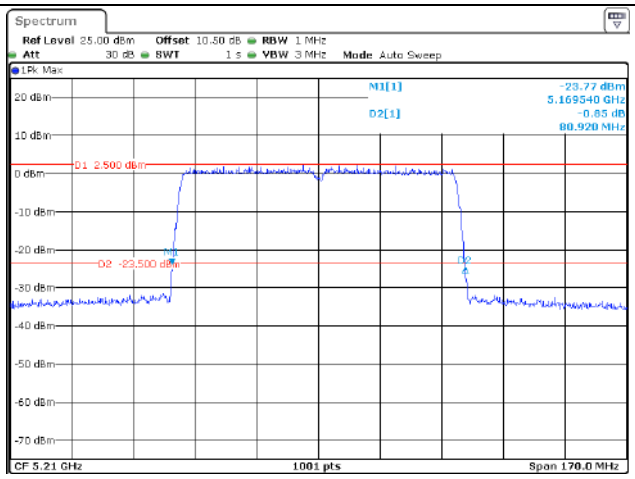
Test Modes	Test Frequency (MHz)	6 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5745	16.64	17.02
	5785	16.52	17.02
	5825	16.60	17.02
802.11ac vht20	5745	17.80	18.18
	5785	17.84	18.18
	5825	17.88	18.22
802.11ac vht40	5755	36.48	36.28
	5795	36.48	36.28
802.11ac vht80	5775	76.80	75.76
Note: Test only was performed at ANT 1. 6dB Emission Bandwidth Limit: ≥0.5 MHz The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.			

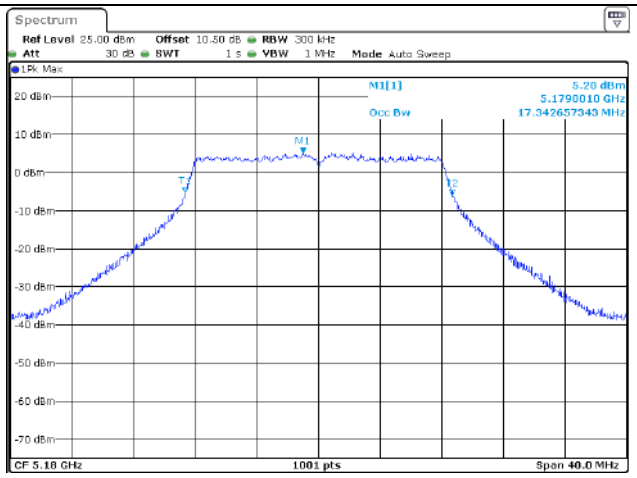
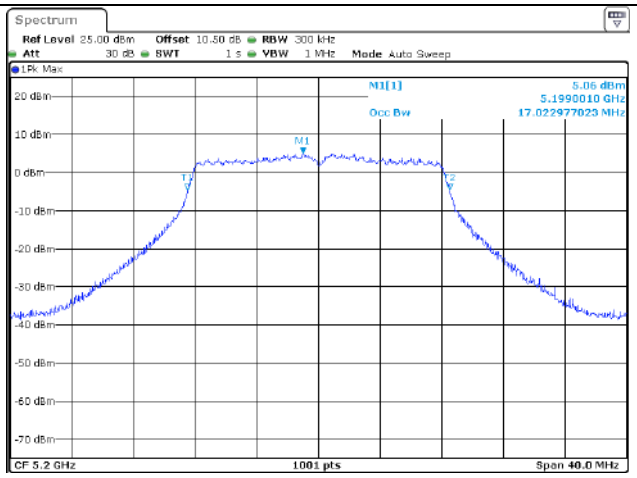
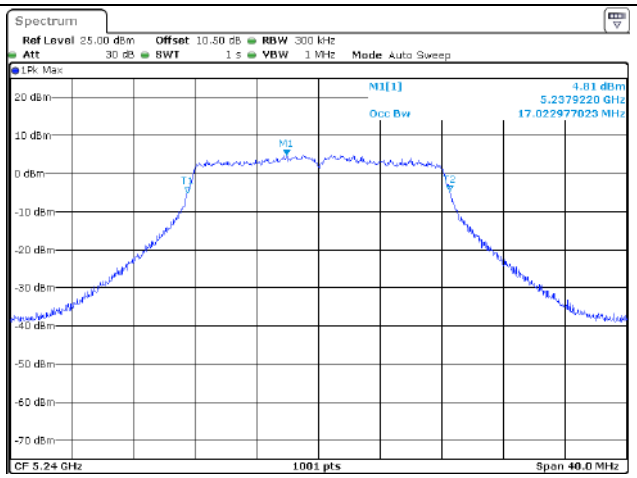
The test data of 802.11ax modes please refer to the Appendix.

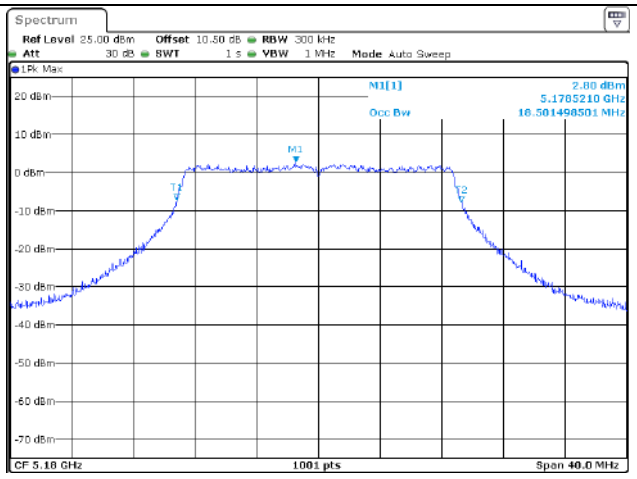
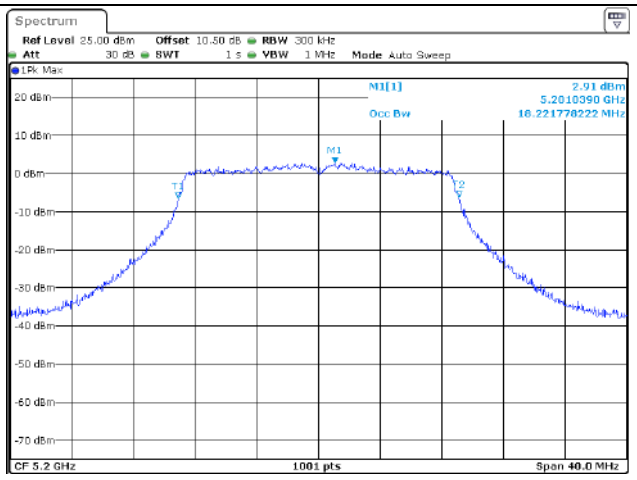
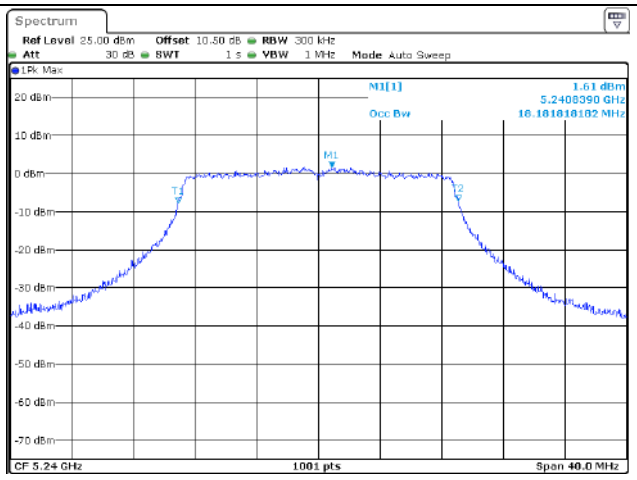
5150-5250MHz:
ANT0

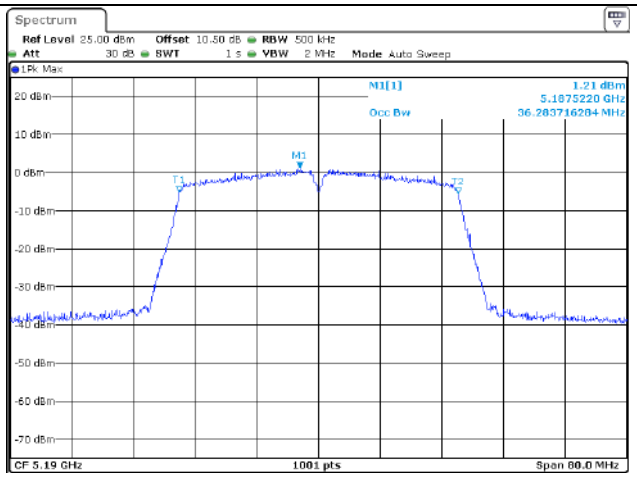
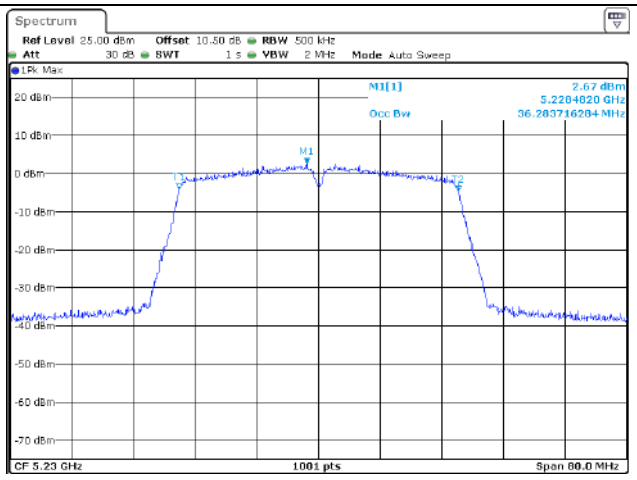
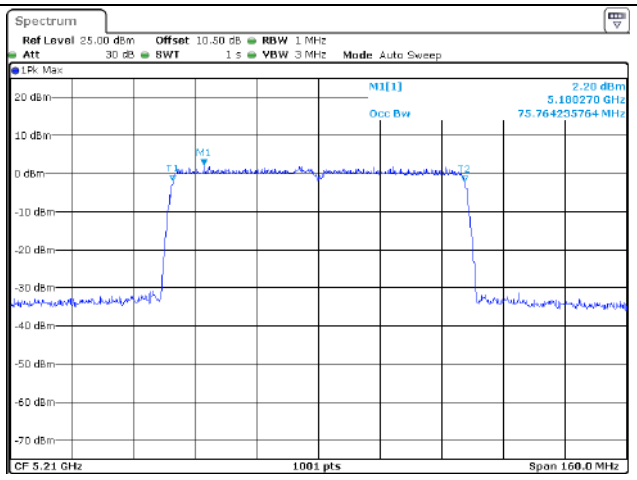
26dB Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

26dB Emission Bandwidth	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

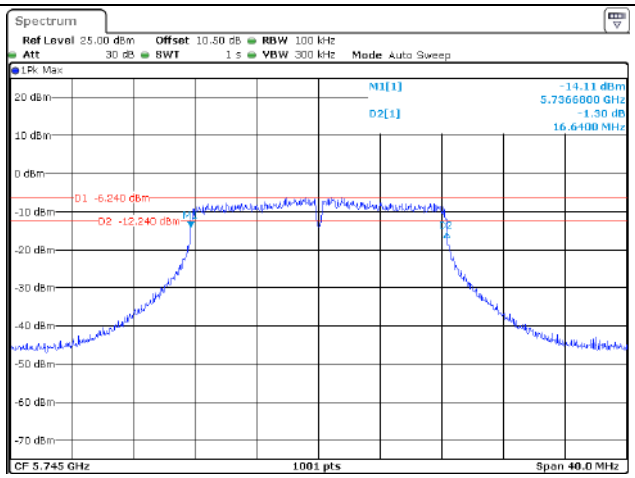
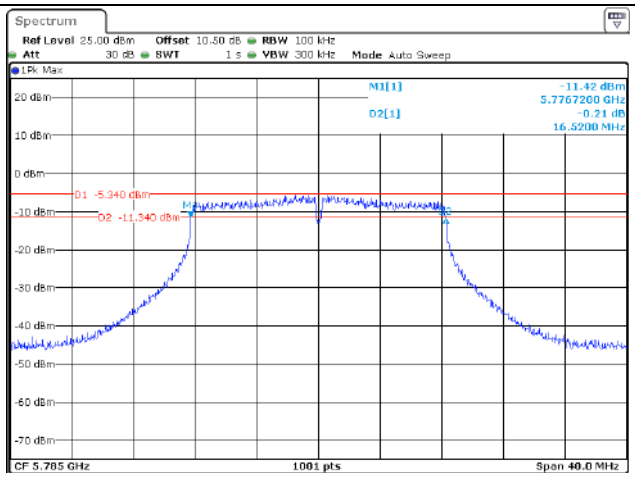
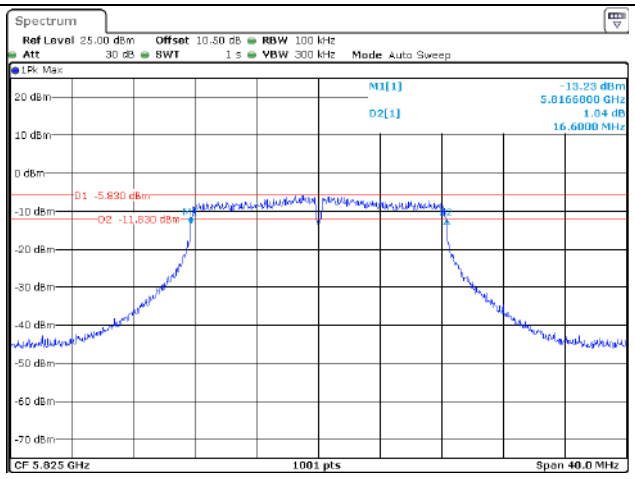
26dB Emission Bandwidth	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

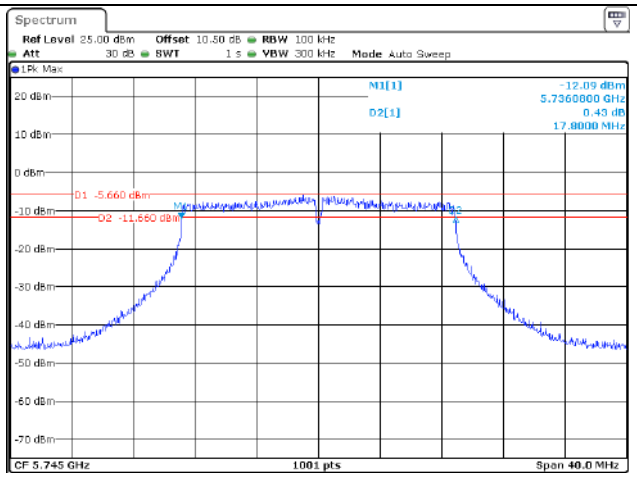
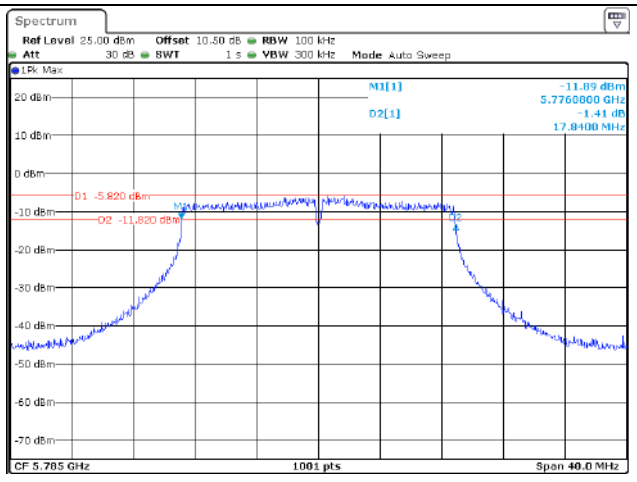
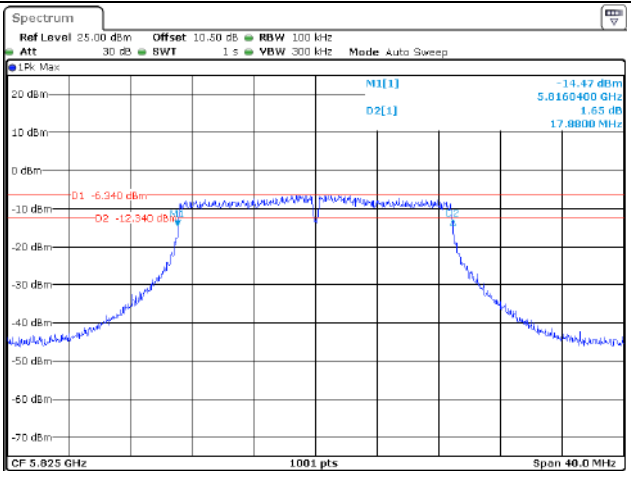
99% Emission Bandwidth	
802.11a Lowest Channel	 ProjectNo.:SZ1231213-75213E Tester:Bamboo Zhan Date: 27.FEB.2024 16:40:14
802.11a Middle Channel	 ProjectNo.:SZ1231213-75213E Tester:Bamboo Zhan Date: 27.FEB.2024 16:42:42
802.11a Highest Channel	 ProjectNo.:SZ1231213-75213E Tester:Bamboo Zhan Date: 27.FEB.2024 16:46:54

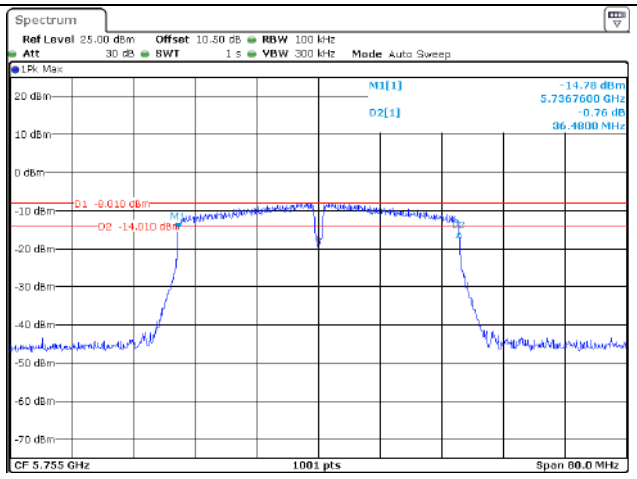
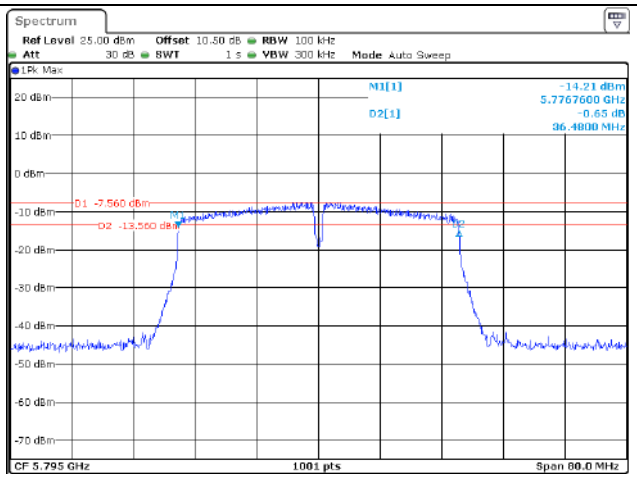
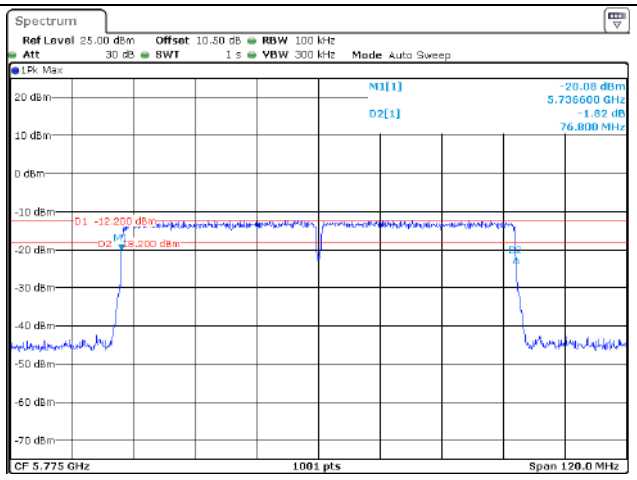
99% Emission Bandwidth	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

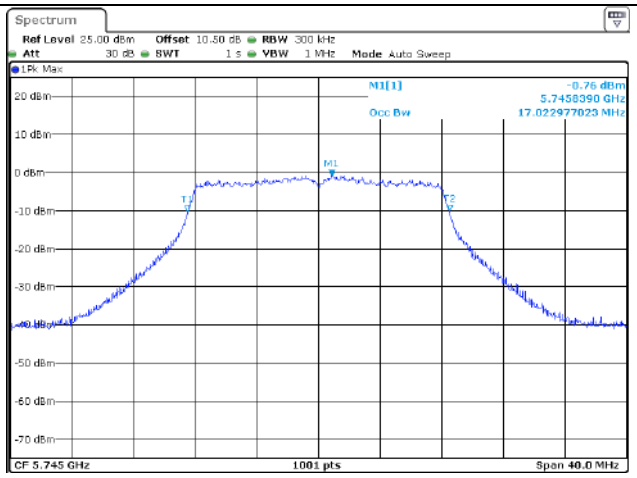
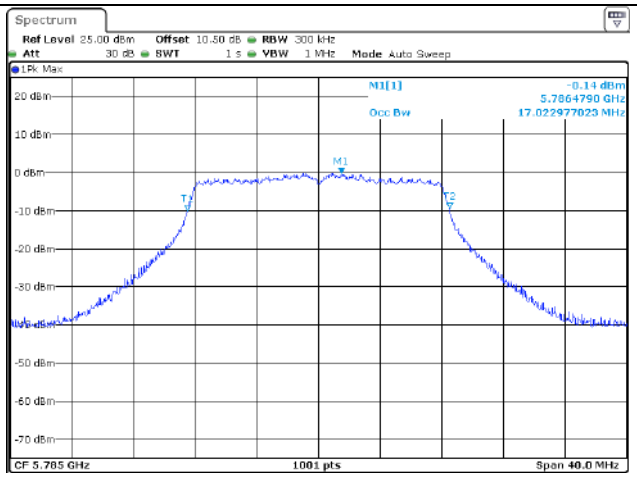
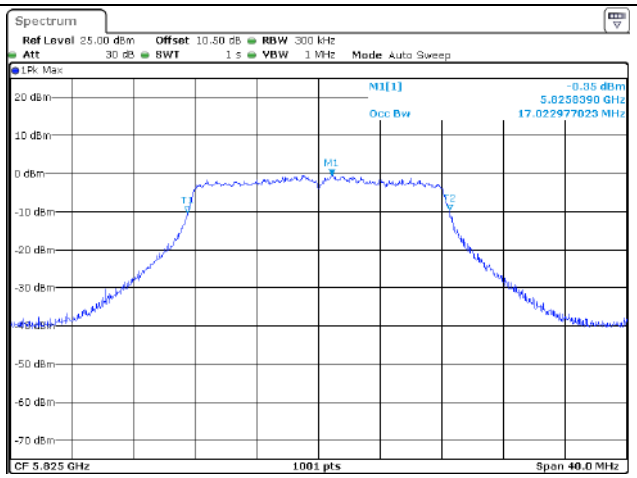
99% Emission Bandwidth	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

5725-5850MHz:
ANT0

6dB Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

6dB Emission Bandwidth	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

6dB Emission Bandwidth	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

99% Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

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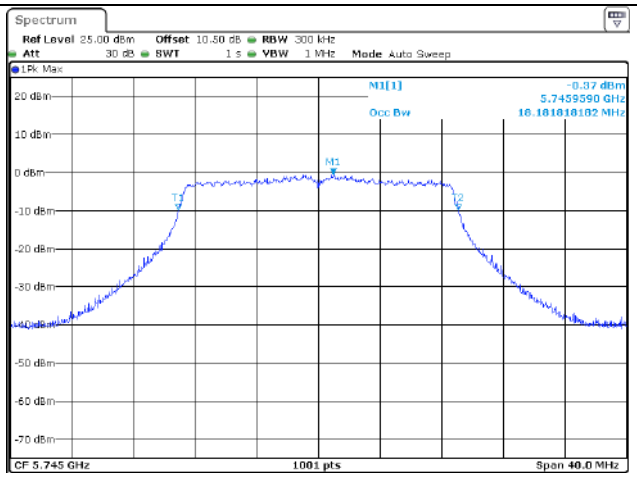
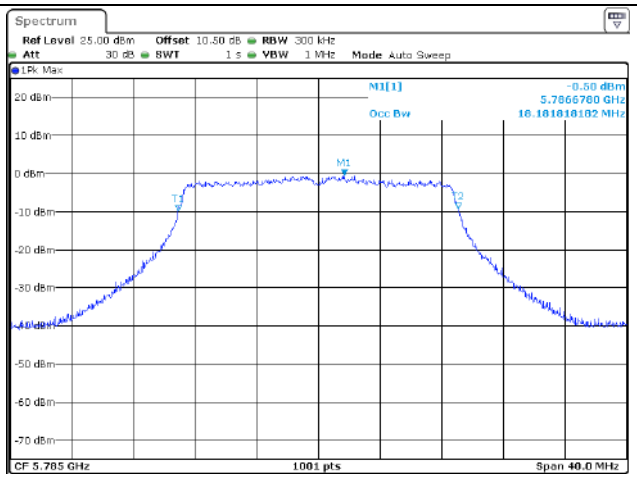
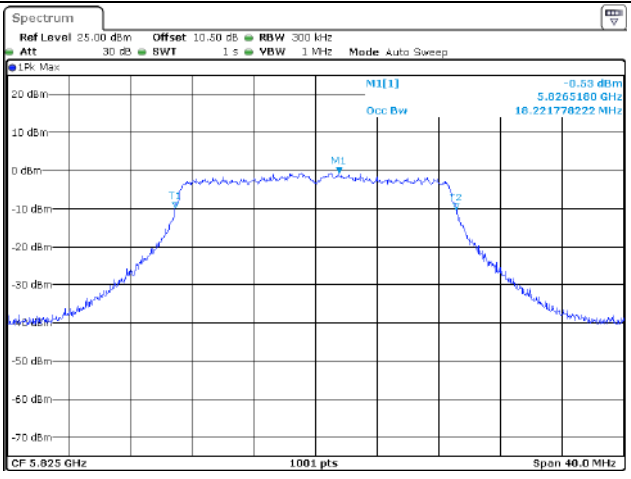
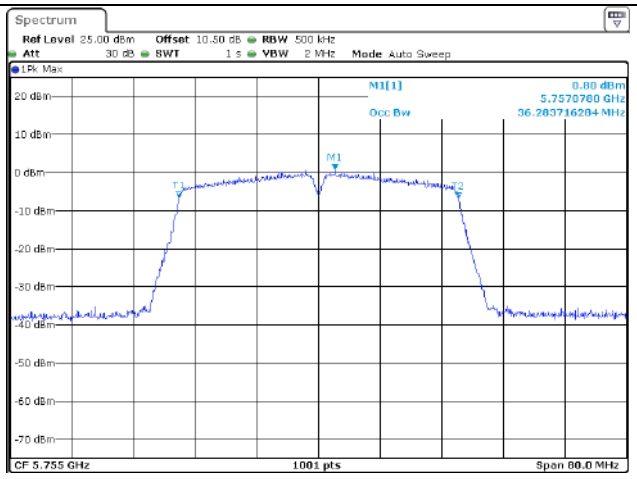
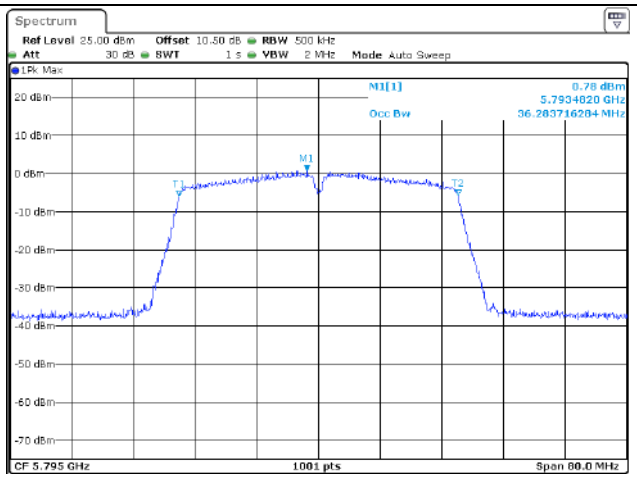
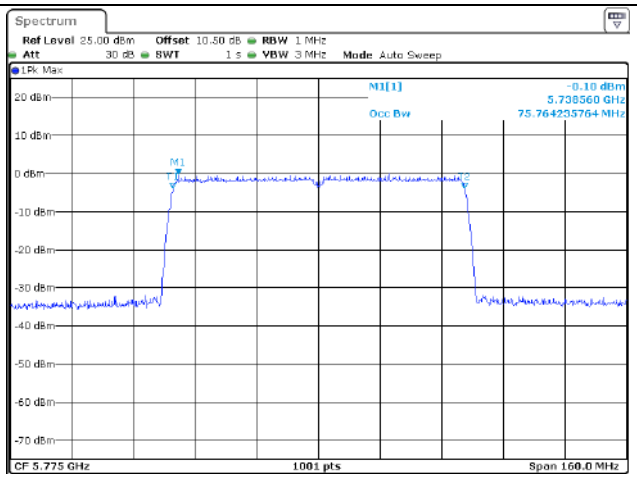
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

99% Emission Bandwidth	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

FCC §15.407(a) – 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.

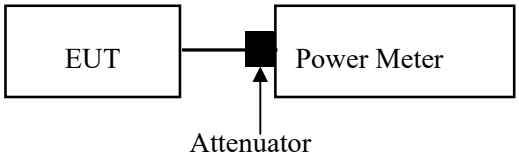
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 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 KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method PM-G should be applied

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.



Test Data

Environmental Conditions

Temperature:	23~26 ℃
Relative Humidity:	40~50 %
ATM Pressure:	100.1~101.0 kPa

The testing was performed by Bamboo Zhan from 2024-02-27 to 2024-02-28 and Tom Liu from 2024-02-29 to 2024-03-01.

EUT operation mode: Transmitting

Test Result: Compliant.

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)			
		ANT 1	ANT 2	Total	Limit
802.11a	5180	13.32	14.04	/	23.98
	5200	12.76	14.05	/	23.98
	5240	12.69	14.10	/	23.98
802.11ac vht20	5180	10.93	11.52	14.25	23.98
	5200	10.86	11.66	**14.29**	23.98
	5240	10.56	11.78	14.22	23.98
802.11ac vht40	5190	10.55	11.41	14.01	23.98
	5230	10.43	11.61	14.07	23.98
802.11ac vht80	5210	10.35	11.35	13.89	23.98
Note: The device is a client unit. The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices: Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$					
Antenna Gain:	-1.64	dBi	Directional gain:	-1.64	dBi

5725-5850 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)			
		ANT 1	ANT 2	Total	Limit
802.11a	5745	7.08	15.95	/	30
	5785	7.68	16.33	/	30
	5825	7.41	**16.81**	/	30
802.11ac vht20	5745	7.56	7.78	10.68	30
	5785	7.54	8.26	10.93	30
	5825	7.46	8.92	11.26	30
802.11ac vht40	5755	8.42	8.75	11.60	30
	5795	8.74	9.28	12.03	30
802.11ac vht80	5775	8.48	8.43	11.47	30
Note: The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices: Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$					
Antenna Gain:	-1.64	dBi	Directional gain:	-1.64	dBi

The test data of 802.11ax modes please refer to the Appendix.

FCC §15.407(a) - 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.

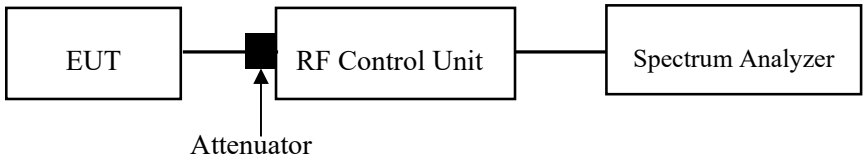
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11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

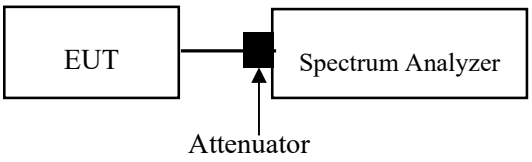
Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 should be applied
a) Set span to encompass the entire EBW(or, alternatively, the entire 99% occupied Bandwidth) of the signal.
b) Set sweep trigger to “free run.”.
c) Set RBW=1MHz or 500kHz Set VBW>3 MHz or 2MHz.
d) Number of points in sweep>2 x span/RBW.(This ensures that bin-to-bin spacing is <RBW/2. so that narrowband signals are not lost between frequency bins.)
e) Sweep time = auto.
f) Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
g) Trace mode = max hold.
h) Do not use sweep triggering. Allow the sweep to “free run.”
i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
j) Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).

For 802.11ax Mode:



For other Modes:



Test Data

Environmental Conditions

Temperature:	23~26 ℃
Relative Humidity:	40~50 %
ATM Pressure:	100.1~101.0 kPa

The testing was performed by Bamboo Zhan from 2024-02-27 to 2024-02-28 and Tom Liu from 2024-02-29 to 2024-03-01.

EUT operation mode: Transmitting

Test Result: Compliant.

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)			
		ANT 1	ANT 2	Total	Limit
802.11a	5180	2.27	3.12	/	11
	5200	1.91	3.14	/	11
	5240	1.88	3.16	/	11
802.11ac vht20	5180	-0.50	0.22	2.89	11
	5200	-0.76	0.37	2.85	11
	5240	-1.03	0.59	2.87	11
802.11ac vht40	5190	-2.28	-1.73	1.01	11
	5230	-2.36	-1.50	1.10	11
802.11ac vht80	5210	-6.86	-5.95	-3.37	11

Note:
The device is a client unit.
Method SA-1 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01was used for PSD test, and the duty cycle factor was added into the result.
The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:
Array Gain = 10 log(N_{ANT}/N_{SS}) dB

Antenna Gain:	-1.64	dBi	Directional gain:	1.36	dBi

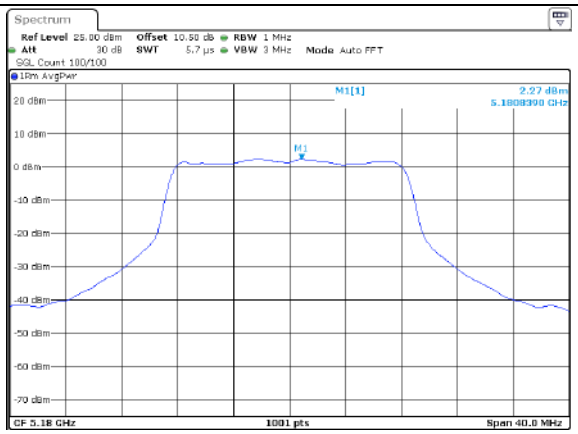
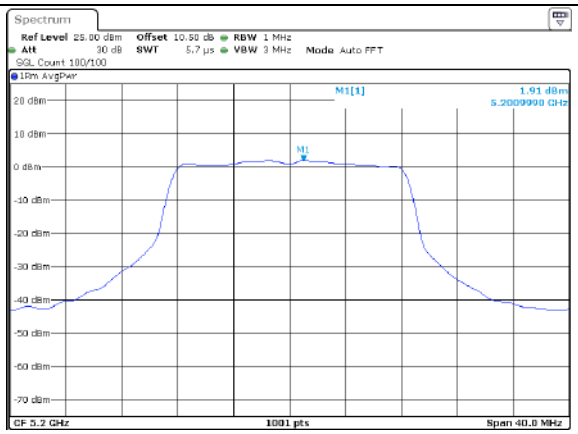
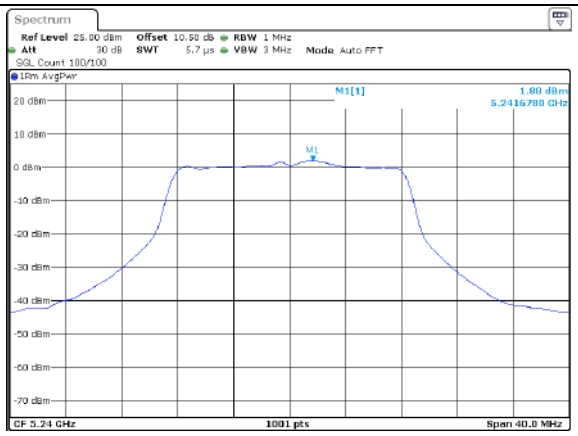
5725-5850 MHz:

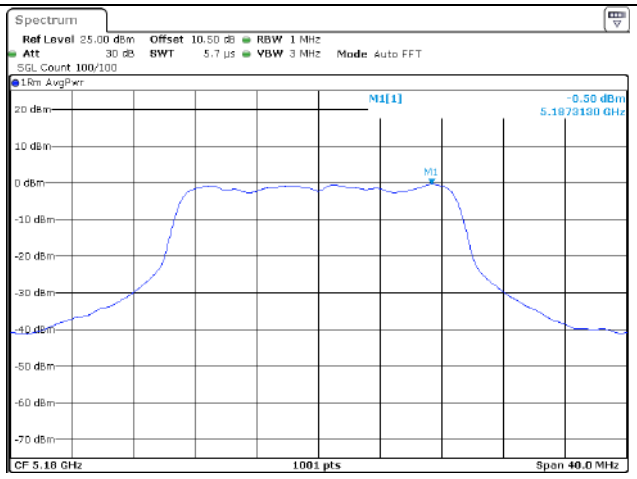
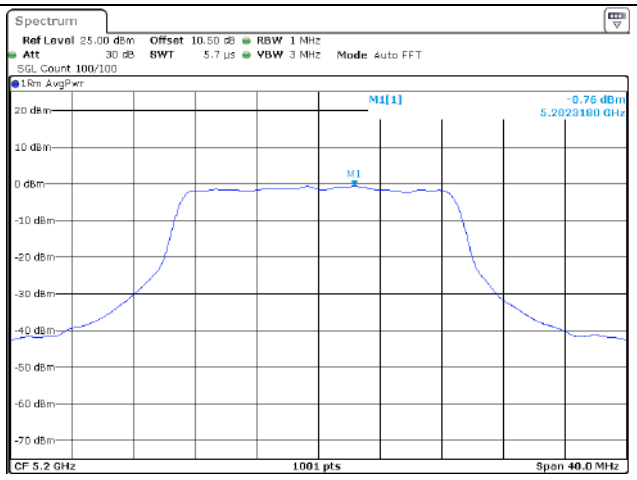
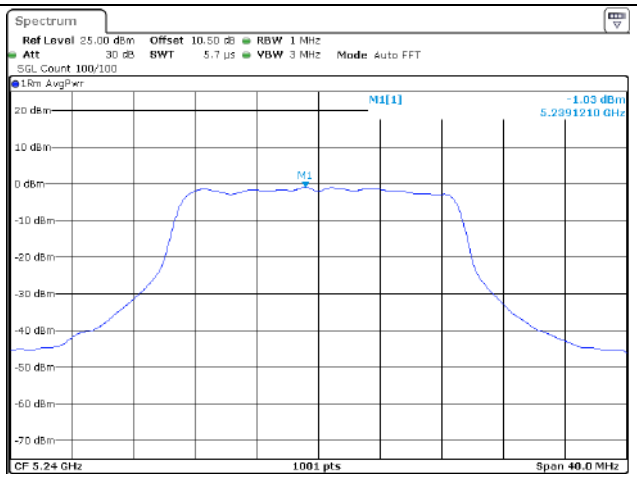
Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)			
		ANT 1	ANT 2	Total	Limit
802.11a	5745	-6.63	2.73	/	30
	5785	-6.10	3.04	/	30
	5825	-6.35	3.13	/	30
802.11ac vht20	5745	-6.22	-6.41	-3.30	30
	5785	-6.29	-4.96	-2.56	30
	5825	-6.30	-4.94	-2.56	30
802.11ac vht40	5755	-7.69	-7.30	-4.48	30
	5795	-7.38	-6.88	-4.11	30
802.11ac vht80	5775	-11.49	-11.62	-8.54	30
Note: Method SA-1 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01was used for PSD test, and the duty cycle factor was added into the result. The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB					
Antenna Gain:	-1.64	dBi	Directional gain:	1.36	dBi

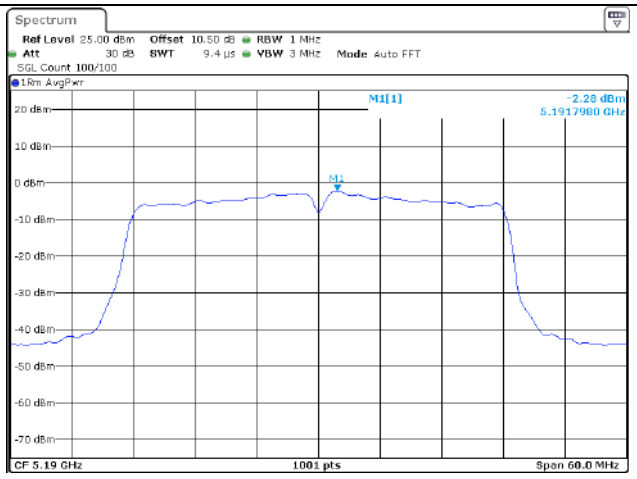
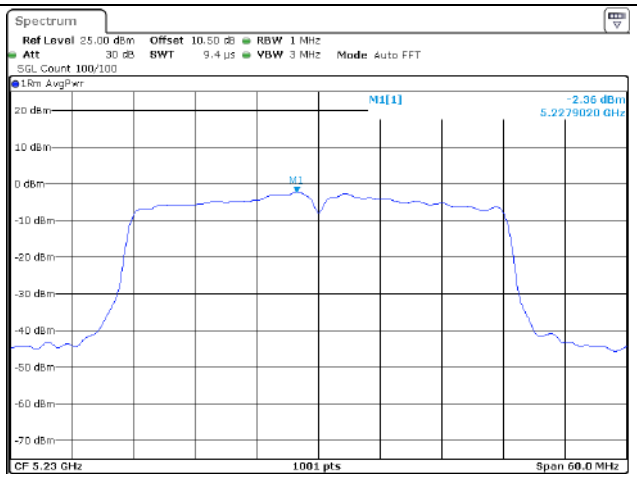
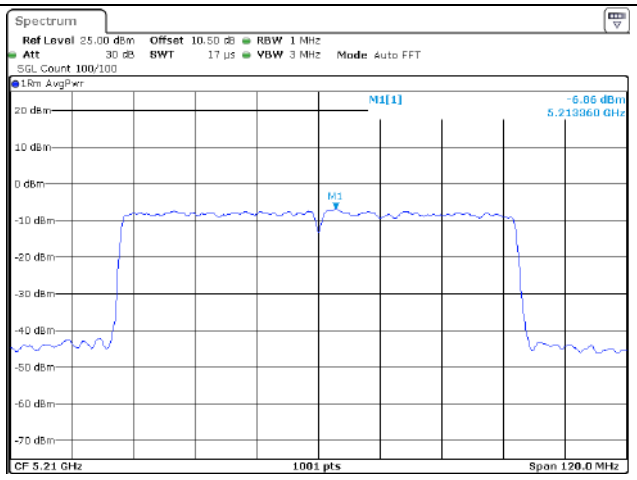
The test data of 802.11ax modes please refer to the Appendix.

5150-5250MHz:

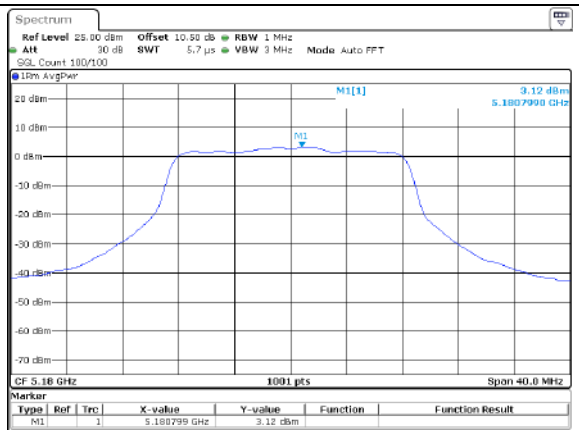
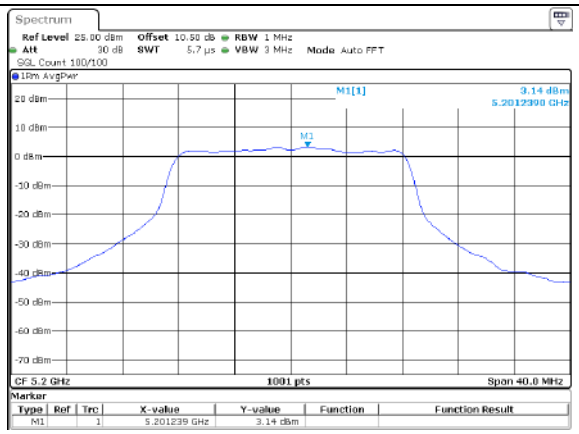
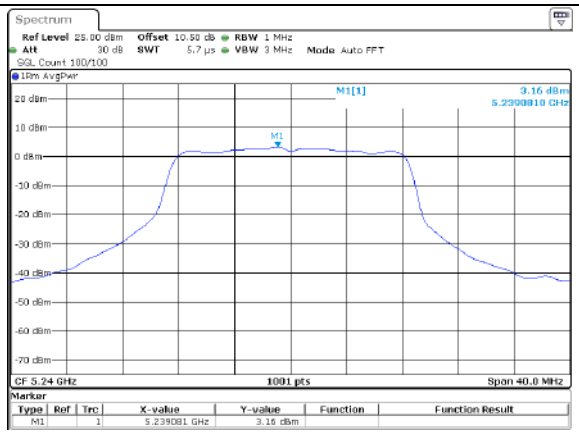
ANT 1

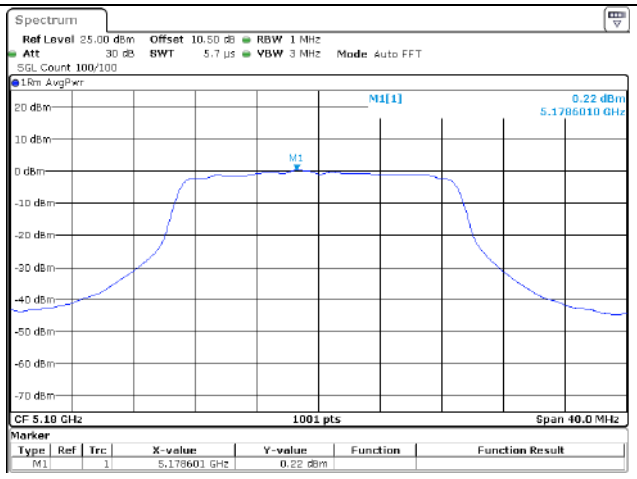
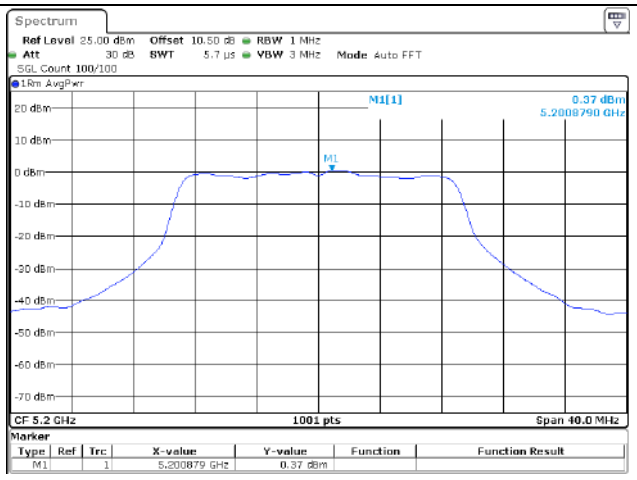
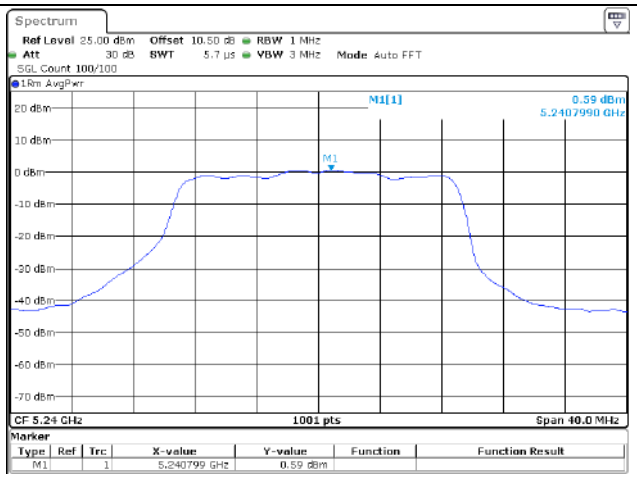
Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

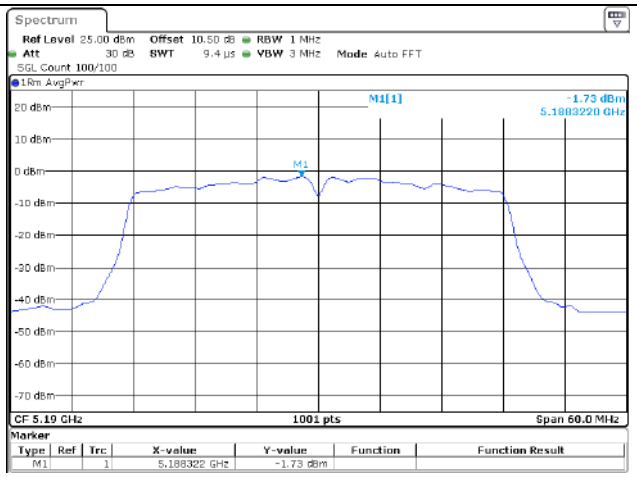
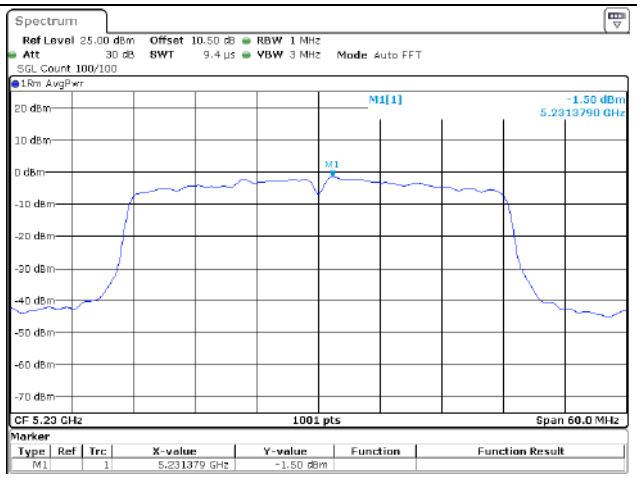
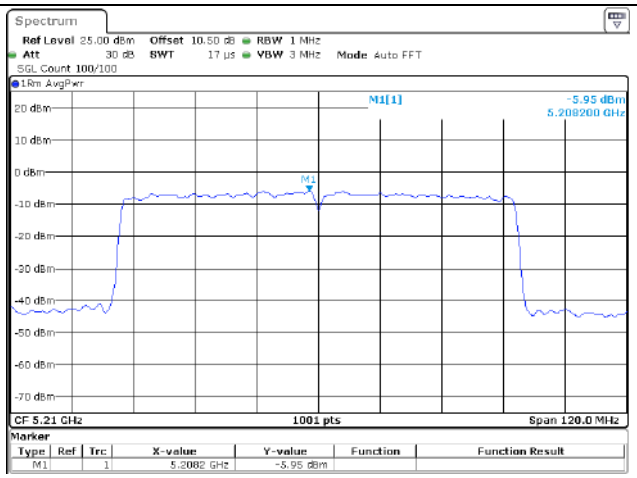
Maximum power spectral density	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

Maximum power spectral density	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

ANT 2

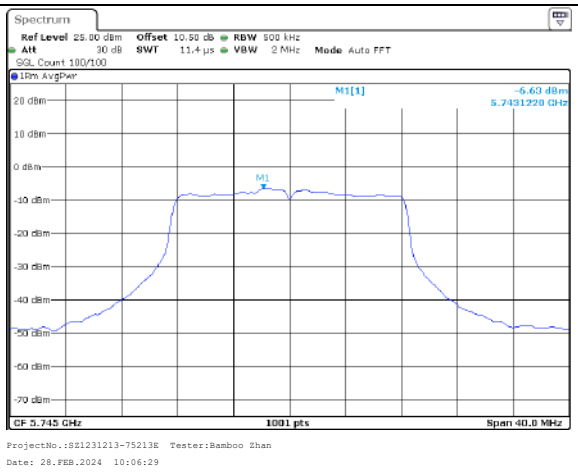
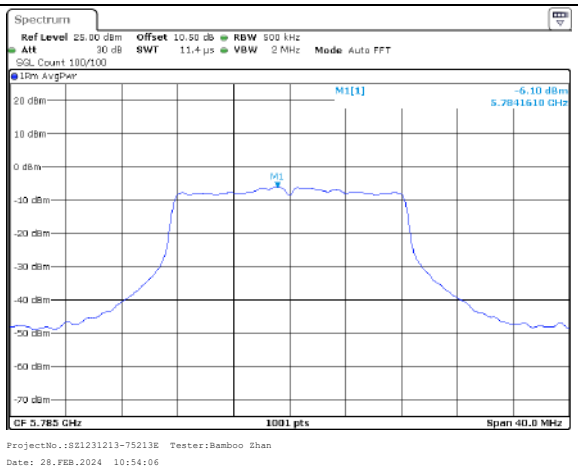
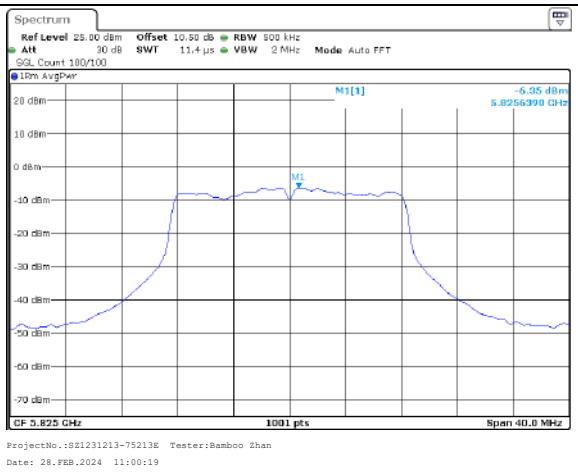
Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

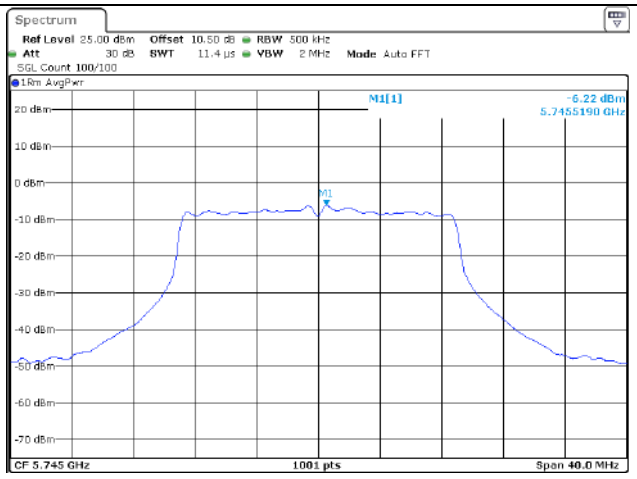
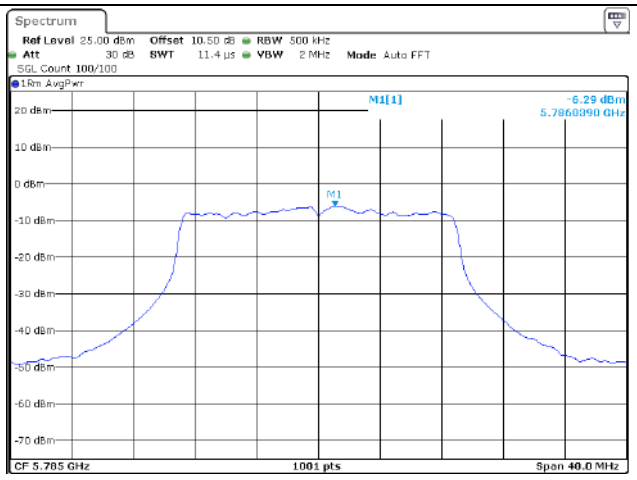
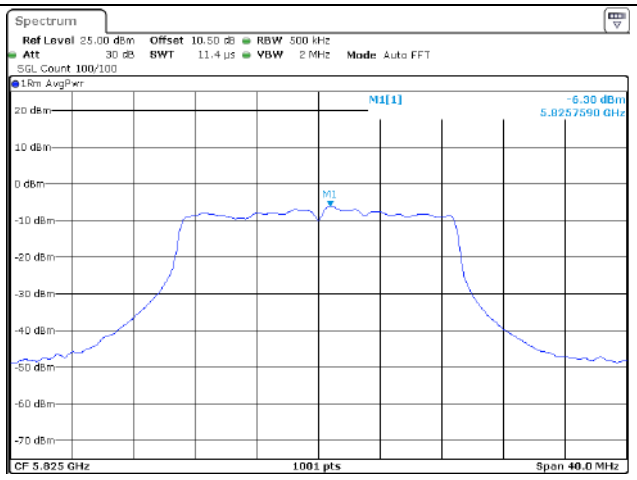
Maximum power spectral density	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

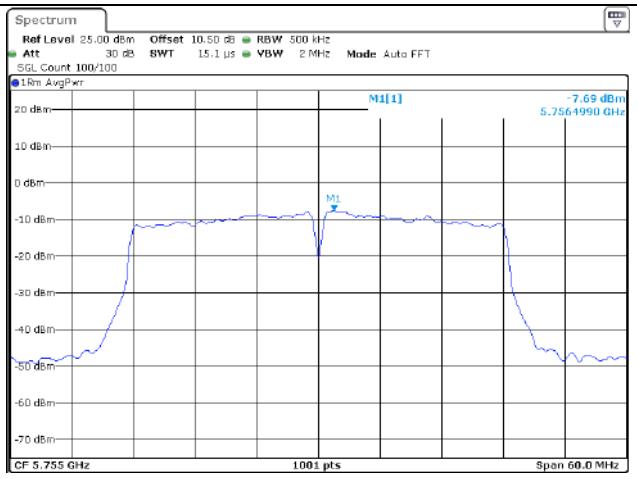
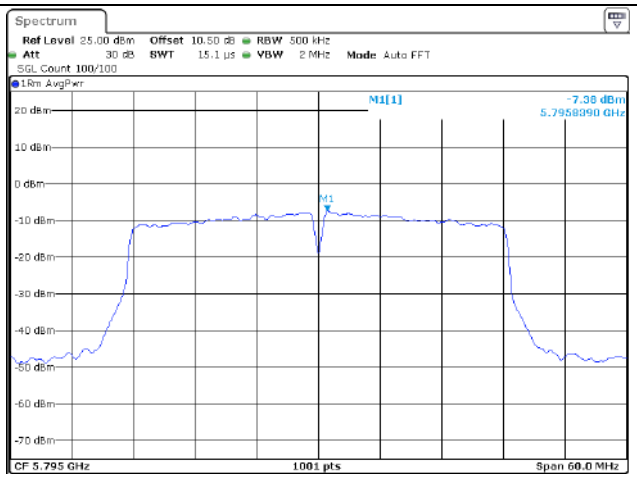
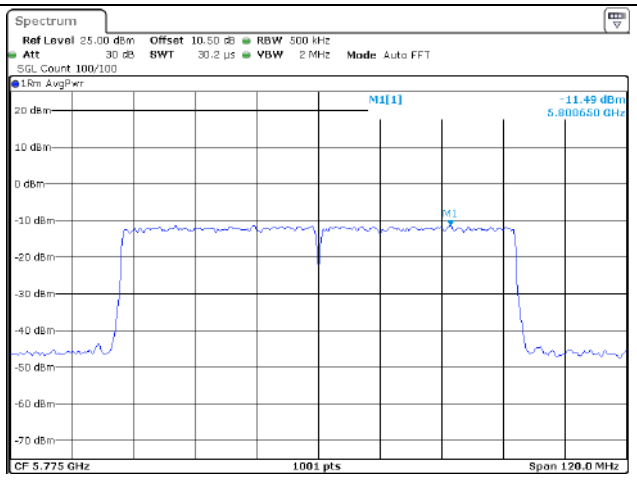
Maximum power spectral density	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

5725-5850MHz:

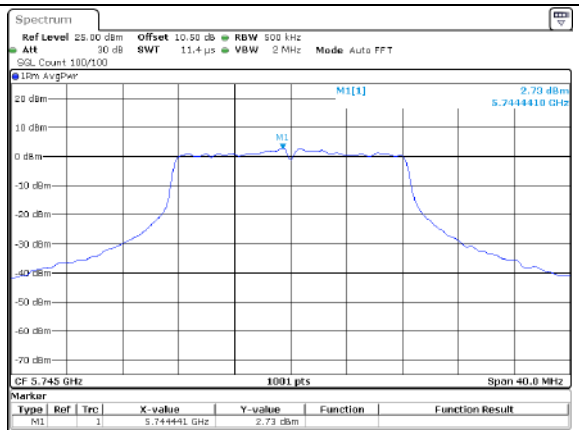
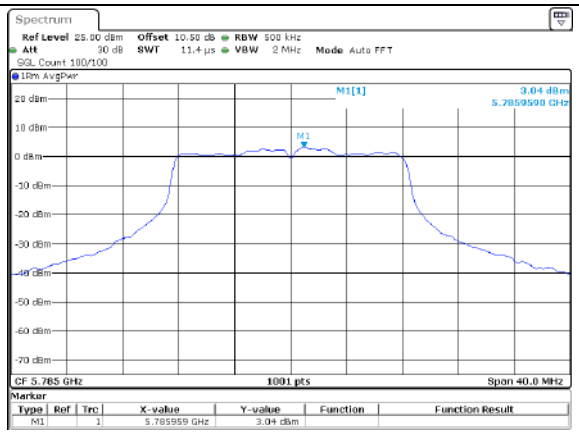
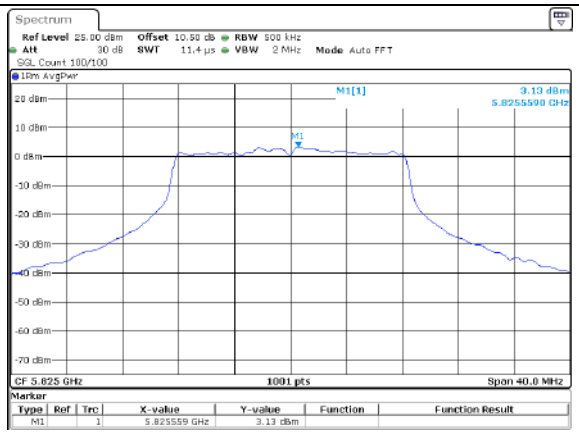
ANT1

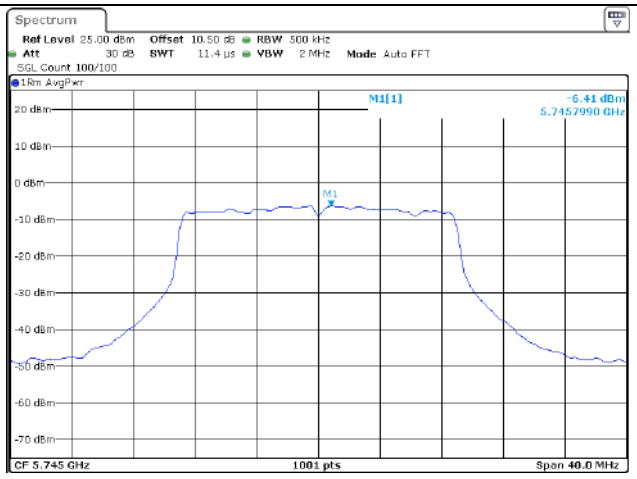
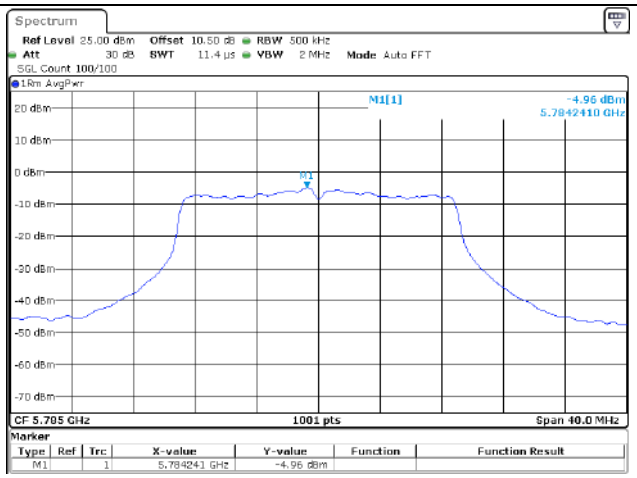
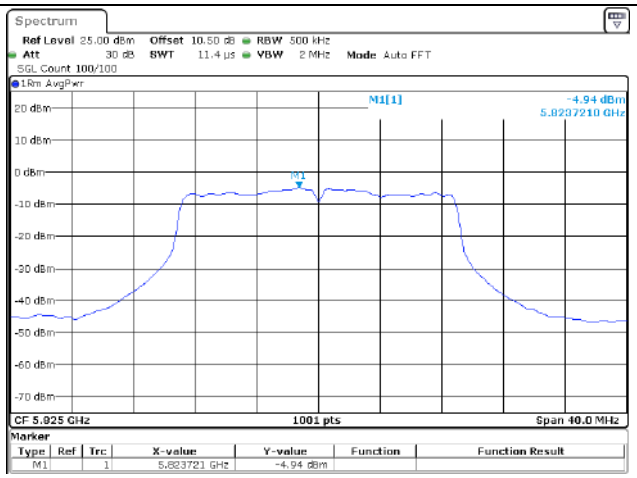
Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

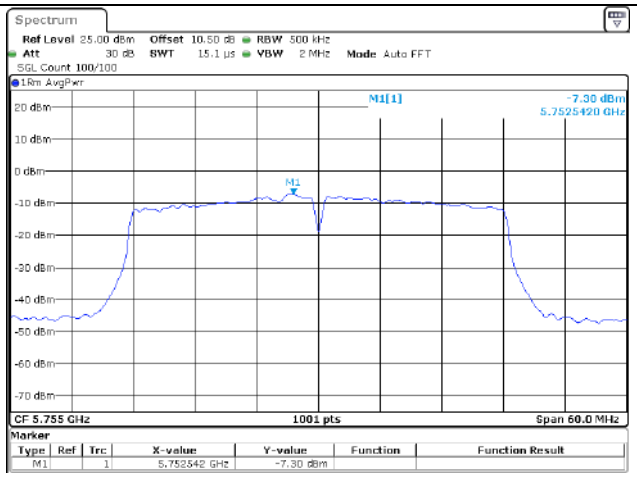
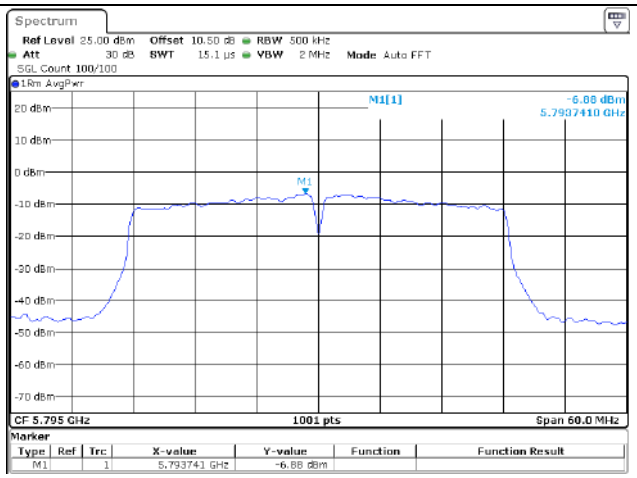
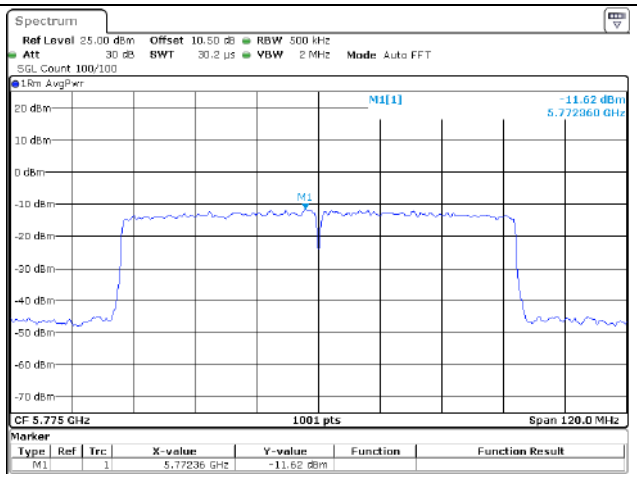
Maximum power spectral density	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

Maximum power spectral density	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

ANT2

Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

Maximum power spectral density	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

Maximum power spectral density	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

EUT PHOTOGRAPHS

Please refer to the attachment SZ1231213-75213E-RF External photo and SZ1231213-75213E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment SZ1231213-75213E-RF Test Setup photo.

APPENDIX

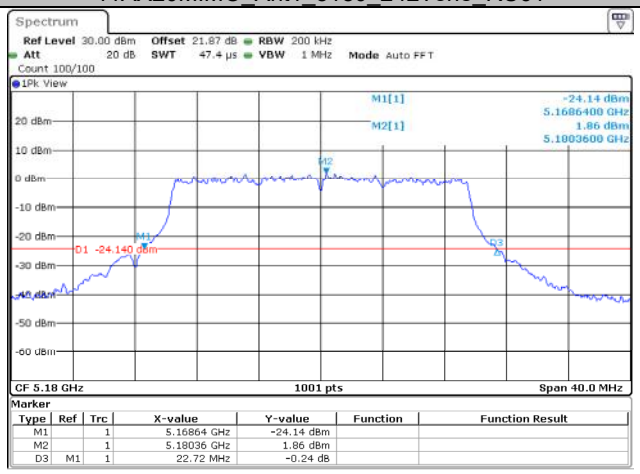
Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	26db BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20MIMO	Ant1	5180	242Tone	RU61	22.72	5168.64	5191.36	---	---
	Ant2	5180	242Tone	RU61	22.24	5169.04	5191.28	---	---
	Ant1	5200	242Tone	RU61	22.60	5188.60	5211.20	---	---
	Ant2	5200	242Tone	RU61	22.68	5188.88	5211.56	---	---
	Ant1	5240	242Tone	RU61	22.32	5229.12	5251.44	---	---
	Ant2	5240	242Tone	RU61	22.60	5228.44	5251.04	---	---
	Ant1	5745	242Tone	RU61	22.24	5733.92	5756.16	---	---
	Ant2	5745	242Tone	RU61	22.88	5733.64	5756.52	---	---
	Ant1	5785	242Tone	RU61	22.68	5773.88	5796.56	---	---
	Ant2	5785	242Tone	RU61	22.64	5773.68	5796.32	---	---
	Ant1	5825	242Tone	RU61	22.28	5813.84	5836.12	---	---
	Ant2	5825	242Tone	RU61	22.68	5813.64	5836.32	---	---
11AX40MIMO	Ant1	5190	484Tone	RU65	39.92	5170.08	5210.00	---	---
	Ant2	5190	484Tone	RU65	39.84	5170.08	5209.92	---	---
	Ant1	5230	484Tone	RU65	39.92	5210.08	5250.00	---	---
	Ant2	5230	484Tone	RU65	39.68	5210.16	5249.84	---	---
	Ant1	5755	484Tone	RU65	39.92	5735.08	5775.00	---	---
	Ant2	5755	484Tone	RU65	39.76	5735.16	5774.92	---	---
	Ant1	5795	484Tone	RU65	40.00	5775.00	5815.00	---	---
	Ant2	5795	484Tone	RU65	39.76	5775.16	5814.92	---	---
11AX80MIMO	Ant1	5210	996Tone	RU67	81.12	5169.52	5250.64	---	---
	Ant2	5210	996Tone	RU67	81.12	5169.52	5250.64	---	---
	Ant1	5775	996Tone	RU67	81.12	5734.52	5815.64	---	---
	Ant2	5775	996Tone	RU67	80.80	5734.68	5815.48	---	---

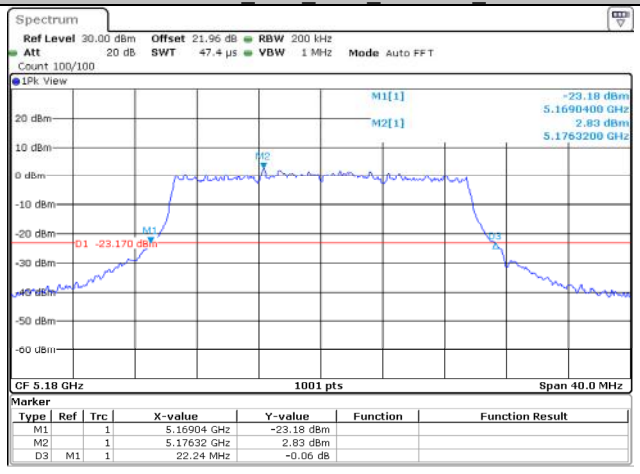
Test Graphs

11AX20MIMO_Ant1_5180_242Tone_RU61



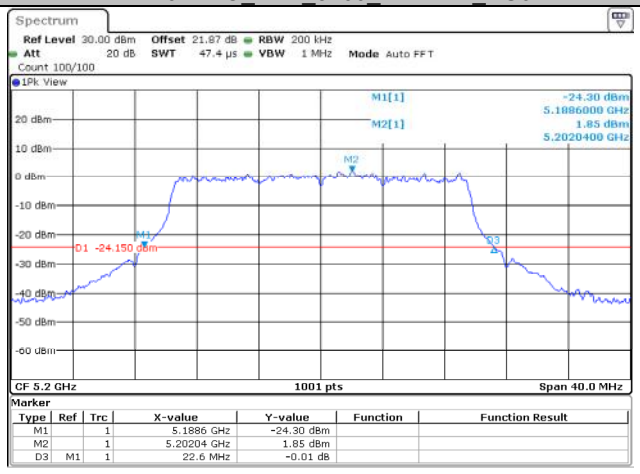
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:31:04

11AX20MIMO_Ant2_5180_242Tone_RU61



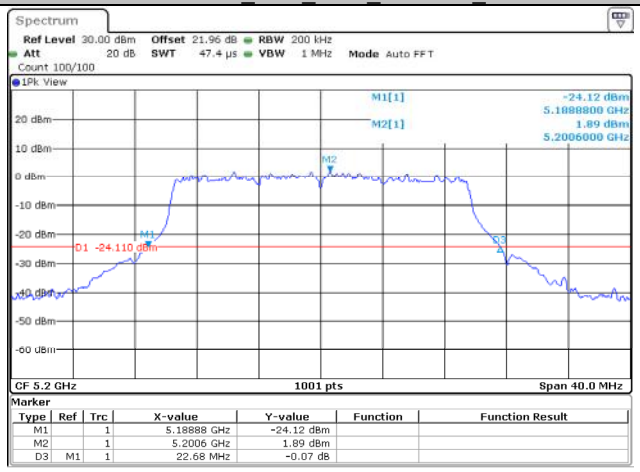
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:32:53

11AX20MIMO_Ant1_5200_242Tone_RU61

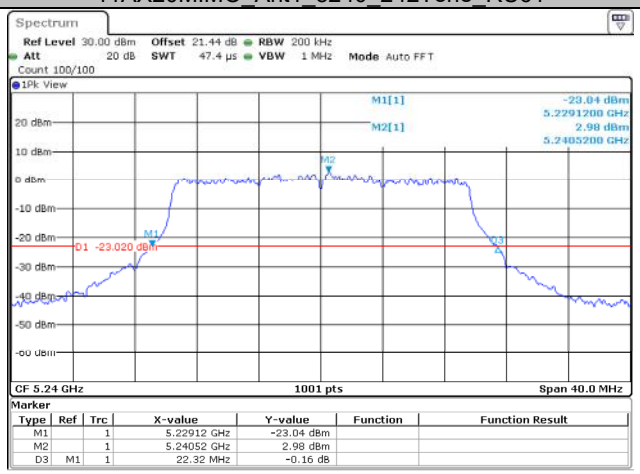


ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:34:38

11AX20MIMO_Ant2_5200_242Tone_RU61



11AX20MIMO_Ant1_5240_242Tone_RU61



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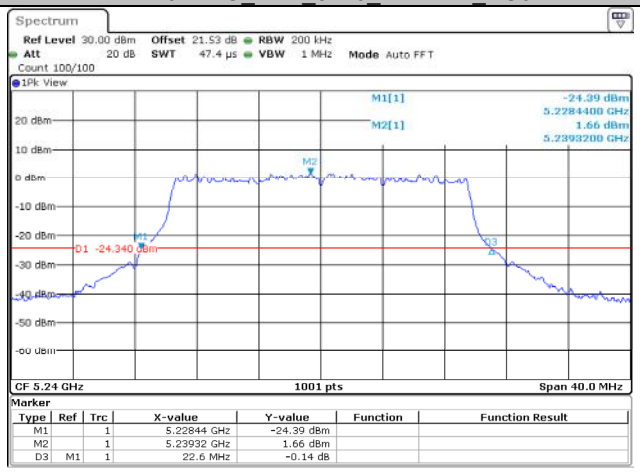
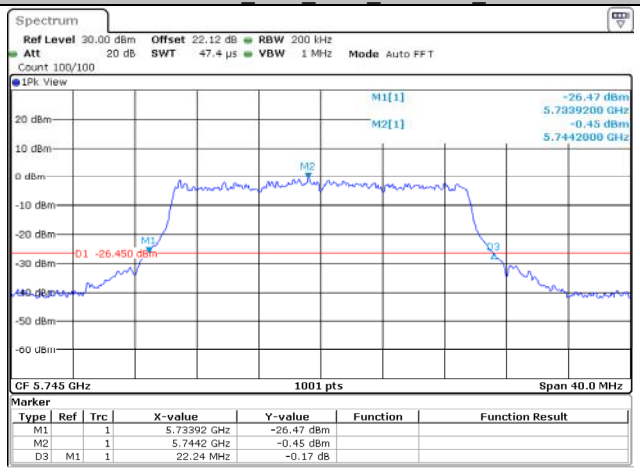
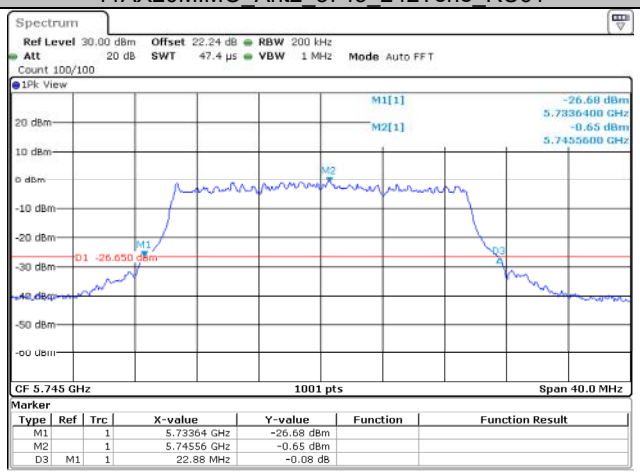


11AX20MIMO_Ant1_5745_242Tone_RU61



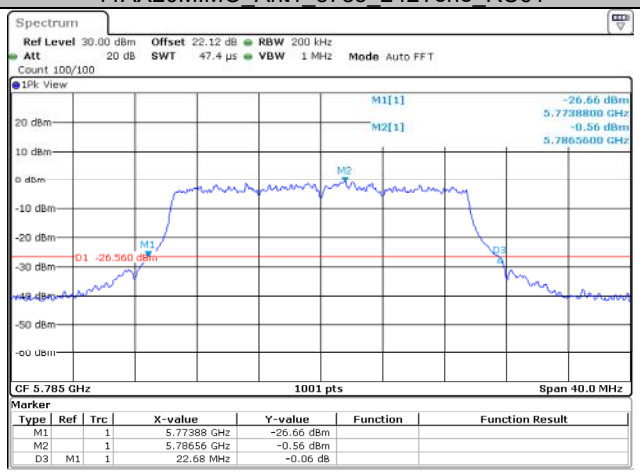
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:48:31

11AX20MIMO_Ant2_5745_242Tone_RU61



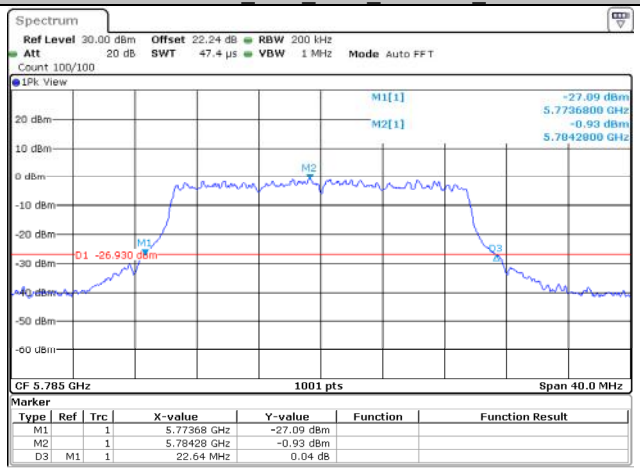
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:49:45

11AX20MIMO_Ant1_5785_242Tone_RU61



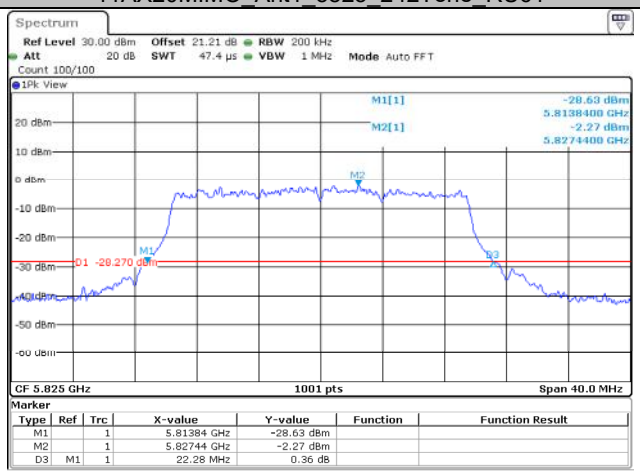
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:52:54

11AX20MIMO_Ant2_5785_242Tone_RU61



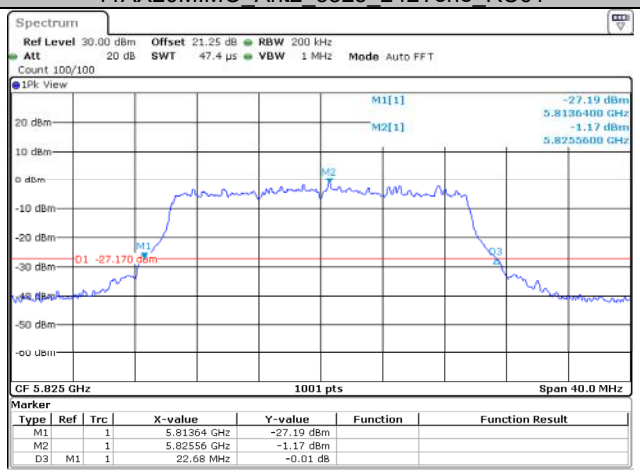
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:54:20

11AX20MIMO_Ant1_5825_242Tone_RU61



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:56:51

11AX20MIMO_Ant2_5825_242Tone_RU61



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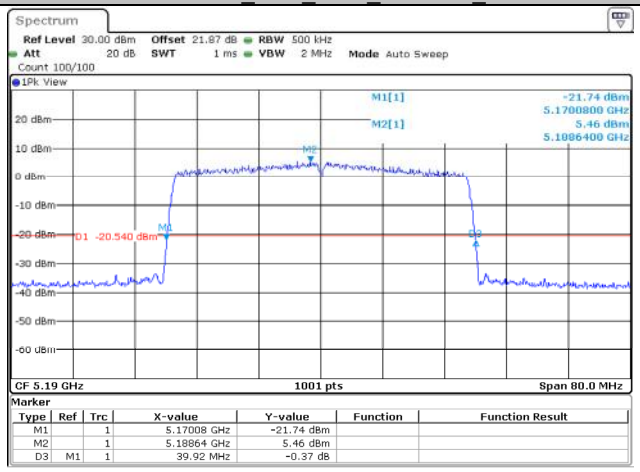
Date: 1.MAR.2024 09:58:36

11AX40MIMO_Ant1_5190_484Tone_RU65



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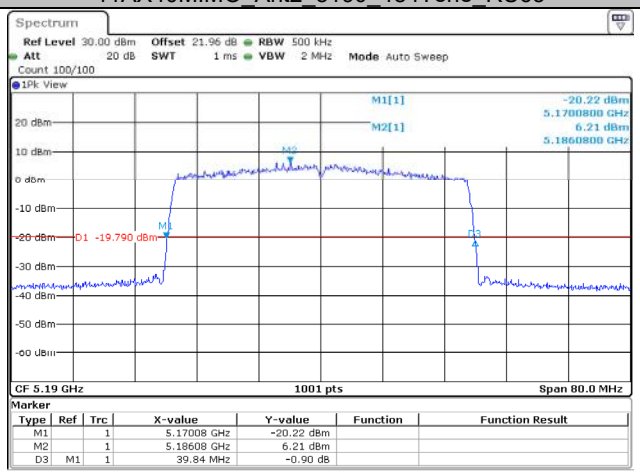
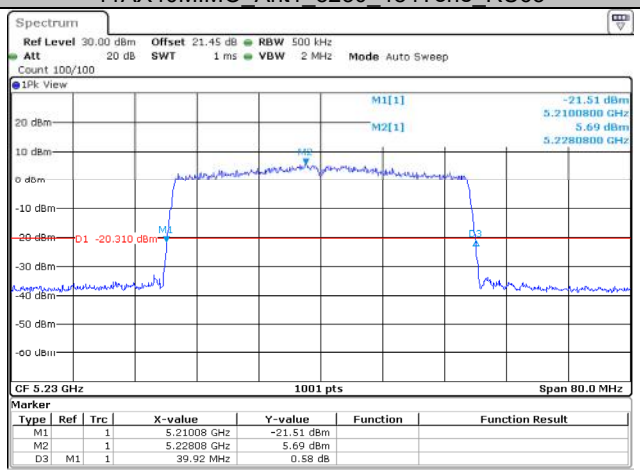
Date: 1.MAR.2024 10:01:25

11AX40MIMO_Ant2_5190_484Tone_RU65



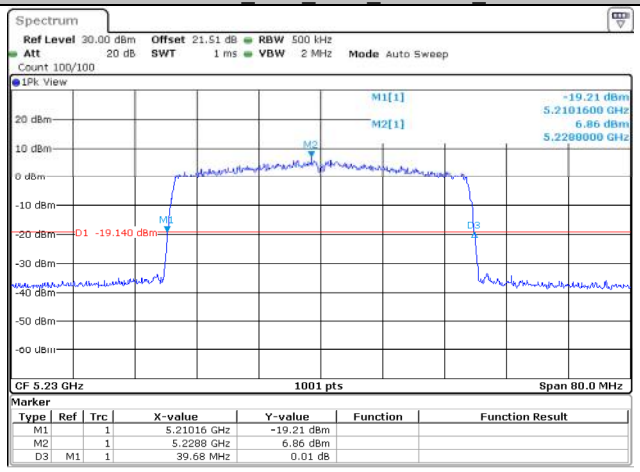
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:02:32

11AX40MIMO_Ant1_5230_484Tone_RU65

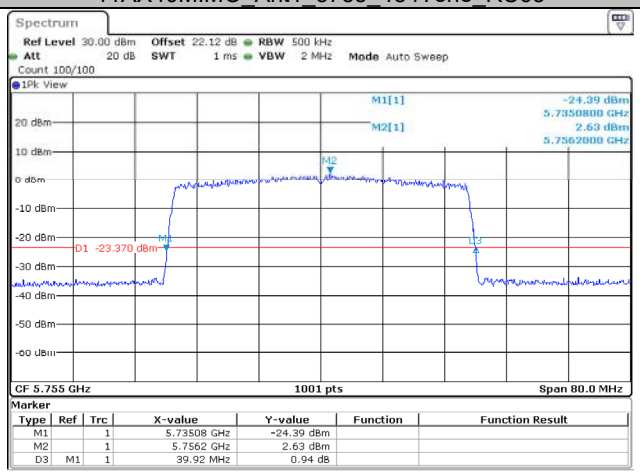


ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:04:06

11AX40MIMO_Ant2_5230_484Tone_RU65



11AX40MIMO_Ant1_5755_484Tone_RU65



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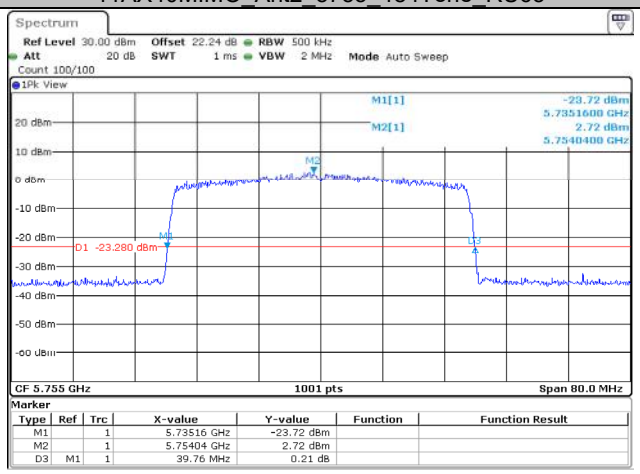

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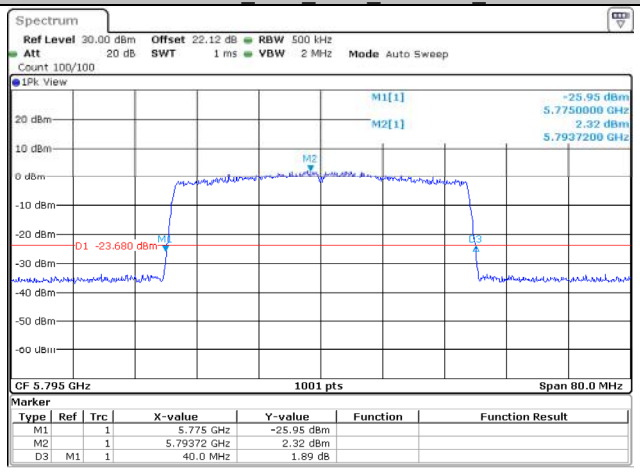
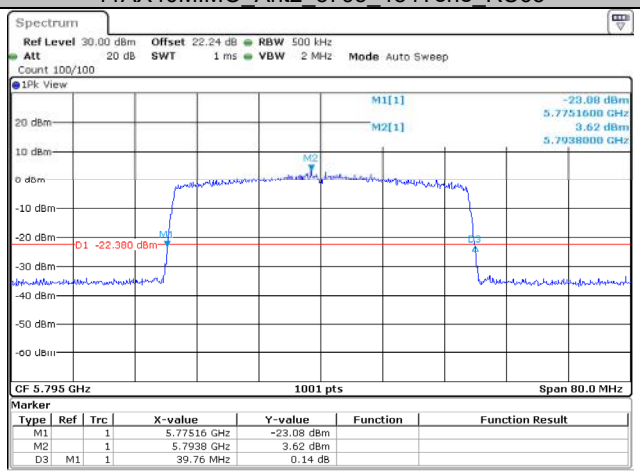


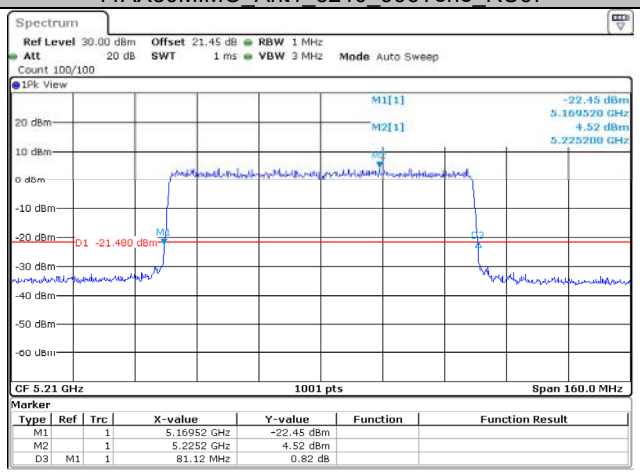
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:11:05

11AX40MIMO_Ant2_5795_484Tone_RU65



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:12:50

11AX80MIMO_Ant1_5210_996Tone_RU67



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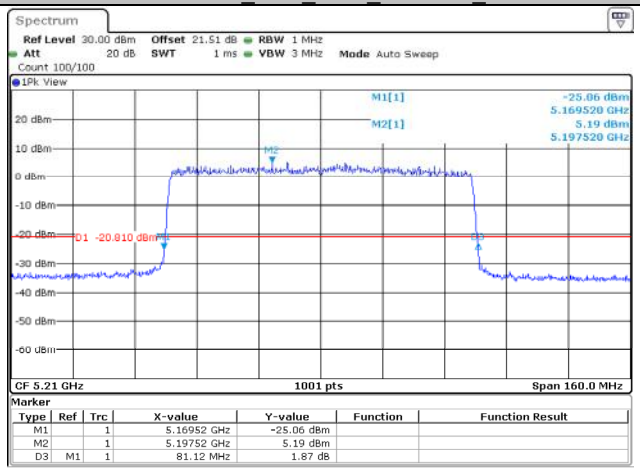
Date: 1.MAR.2024 10:15:14

11AX80MIMO_Ant2_5210_996Tone_RU67



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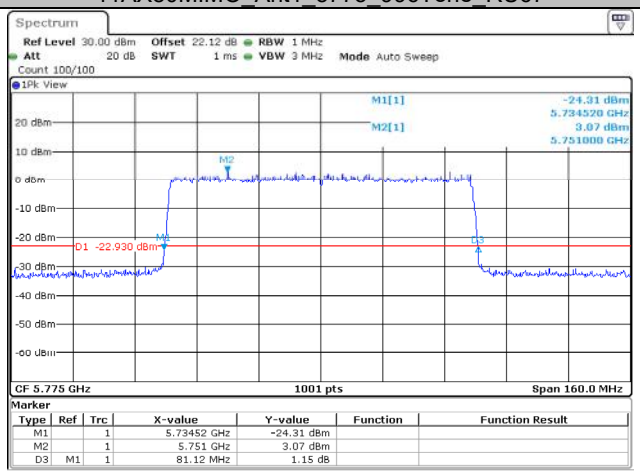
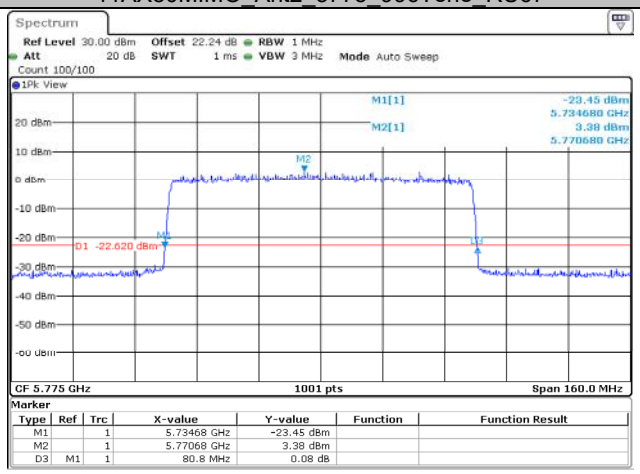
Date: 1.MAR.2024 10:16:40

11AX80MIMO_Ant1_5775_996Tone_RU67



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:19:32

11AX80MIMO_Ant2_5775_996Tone_RU67



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:21:04

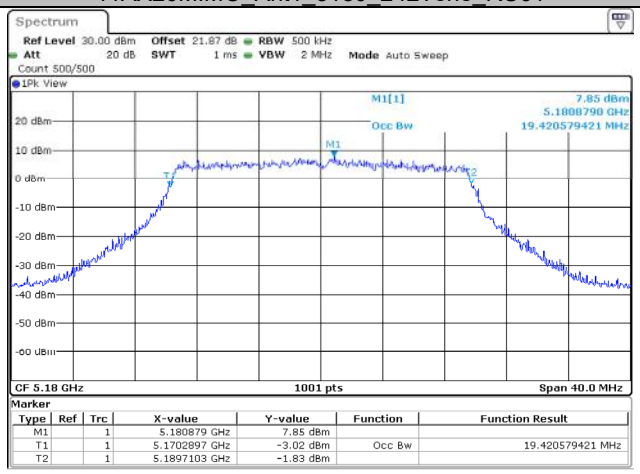
Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20MIMO	Ant1	5180	242Tone	RU61	19.421	5170.2897	5189.7103	---	---
	Ant2	5180	242Tone	RU61	19.341	5170.3297	5189.6703	---	---
	Ant1	5200	242Tone	RU61	19.461	5190.2897	5209.7502	---	---
	Ant2	5200	242Tone	RU61	19.421	5190.2897	5209.7103	---	---
	Ant1	5240	242Tone	RU61	19.461	5230.2498	5249.7103	---	---
	Ant2	5240	242Tone	RU61	19.261	5230.3696	5249.6304	---	---
	Ant1	5745	242Tone	RU61	19.421	5735.3297	5754.7502	---	---
	Ant2	5745	242Tone	RU61	19.341	5735.3297	5754.6703	---	---
	Ant1	5785	242Tone	RU61	19.421	5775.3297	5794.7502	---	---
	Ant2	5785	242Tone	RU61	19.261	5775.3696	5794.6304	---	---
	Ant1	5825	242Tone	RU61	19.421	5815.2897	5834.7103	---	---
	Ant2	5825	242Tone	RU61	19.341	5815.3297	5834.6703	---	---
11AX40MIMO	Ant1	5190	484Tone	RU65	37.802	5171.1389	5208.9411	---	---
	Ant2	5190	484Tone	RU65	37.722	5171.1389	5208.8611	---	---
	Ant1	5230	484Tone	RU65	37.802	5211.1389	5248.9411	---	---
	Ant2	5230	484Tone	RU65	37.483	5211.2987	5248.7812	---	---
	Ant1	5755	484Tone	RU65	37.722	5736.2188	5773.9411	---	---
	Ant2	5755	484Tone	RU65	37.642	5736.2188	5773.8611	---	---
	Ant1	5795	484Tone	RU65	37.802	5776.1389	5813.9411	---	---
	Ant2	5795	484Tone	RU65	37.562	5776.2188	5813.7812	---	---
11AX80MIMO	Ant1	5210	996Tone	RU67	77.682	5171.1588	5248.8412	---	---
	Ant2	5210	996Tone	RU67	77.522	5171.1588	5248.6813	---	---
	Ant1	5775	996Tone	RU67	77.842	5736.1588	5814.0010	---	---
	Ant2	5775	996Tone	RU67	77.522	5736.3187	5813.8412	---	---

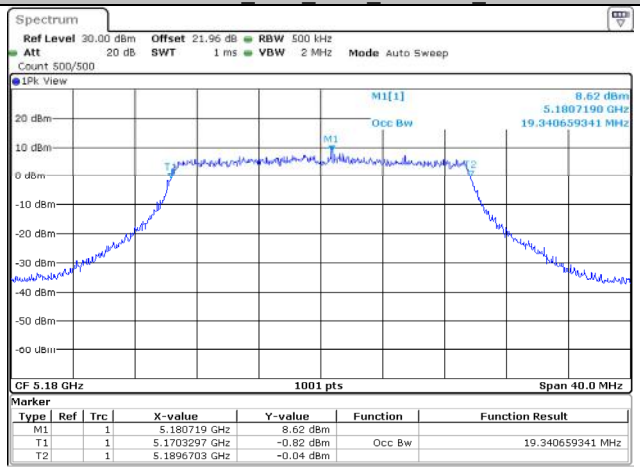
Test Graphs

11AX20MIMO_Ant1_5180_242Tone_RU61



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:31:11

11AX20MIMO_Ant2_5180_242Tone_RU61



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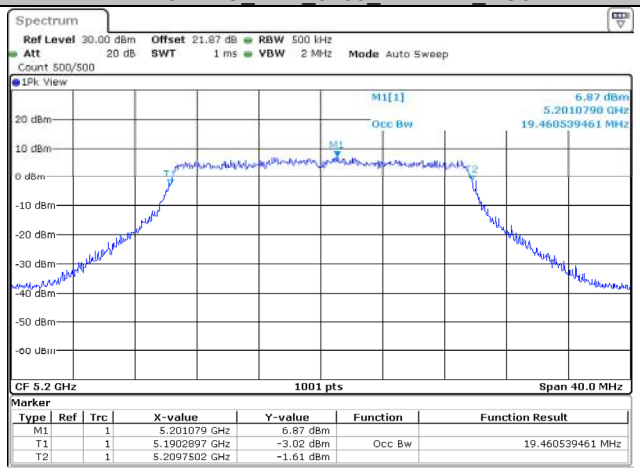
Date: 1.MAR.2024 09:33:00

11AX20MIMO_Ant1_5200_242Tone_RU61



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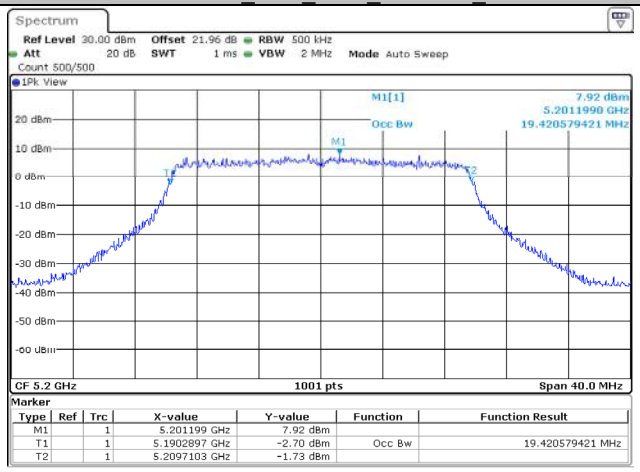
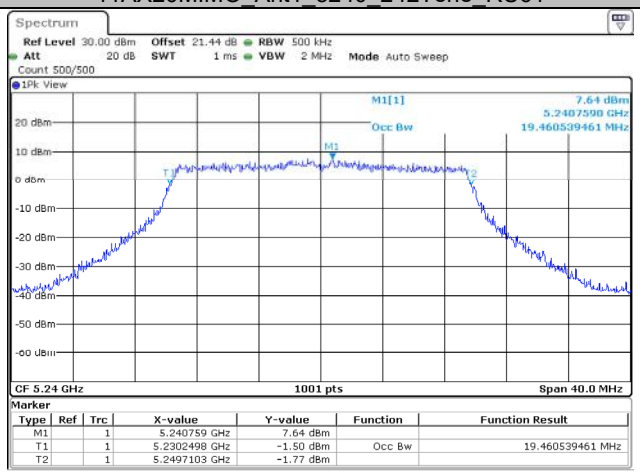
Date: 1.MAR.2024 09:34:44

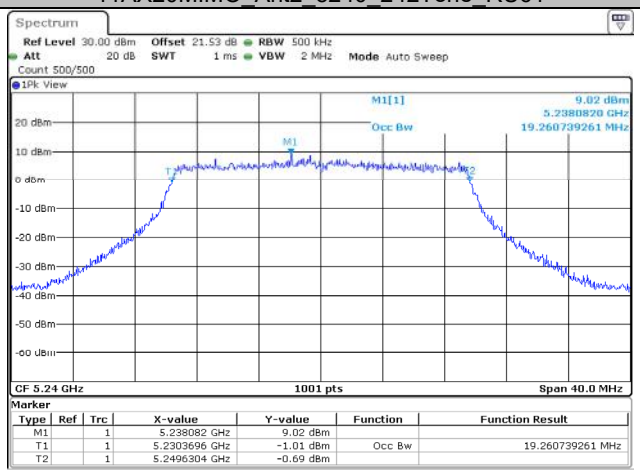
11AX20MIMO_Ant2_5200_242Tone_RU61



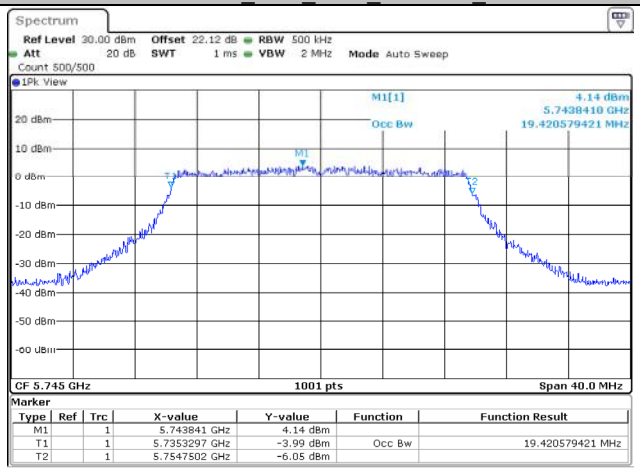
11AX20MIMO_Ant1_5240_242Tone_RU61



11AX20MIMO_Ant2_5240_242Tone_RU61

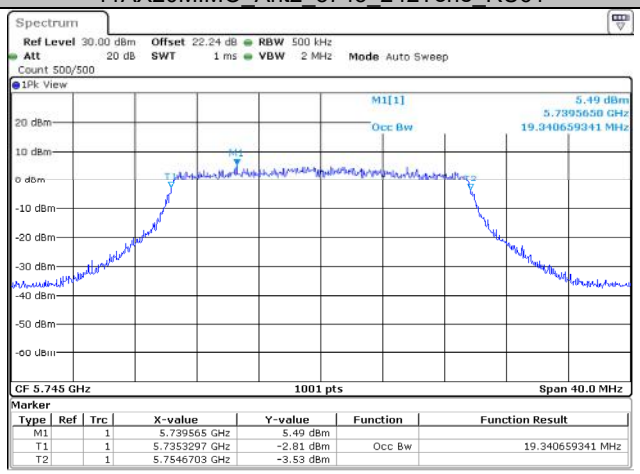


11AX20MIMO_Ant1_5745_242Tone_RU61



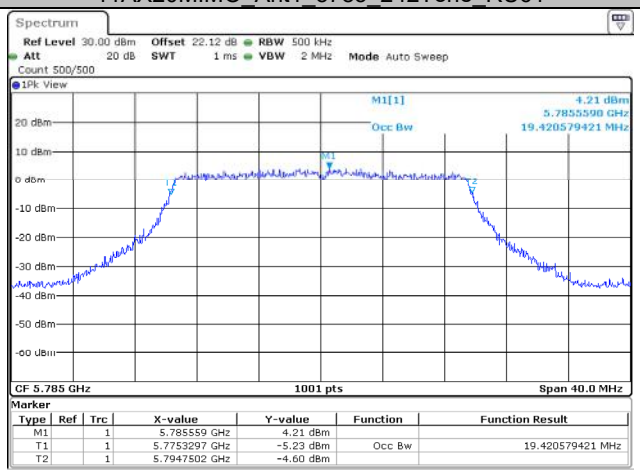
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:48:43

11AX20MIMO_Ant2_5745_242Tone_RU61



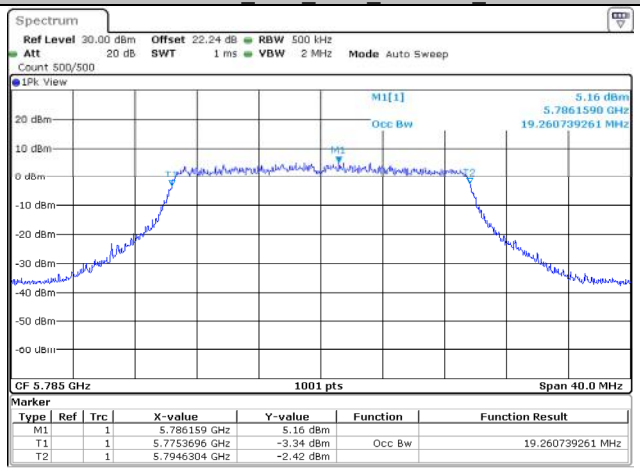
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:49:57

11AX20MIMO_Ant1_5785_242Tone_RU61

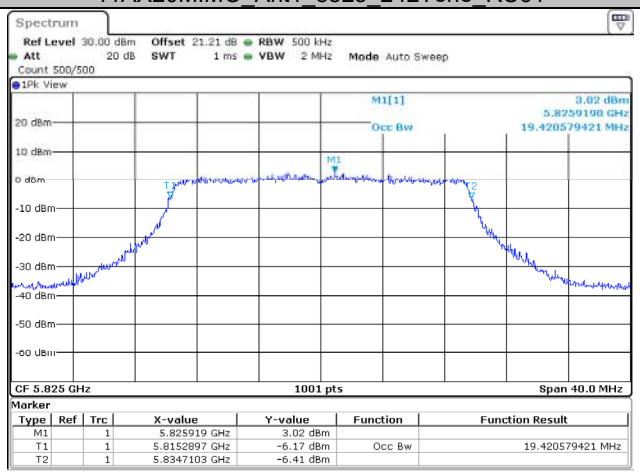


ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:53:05

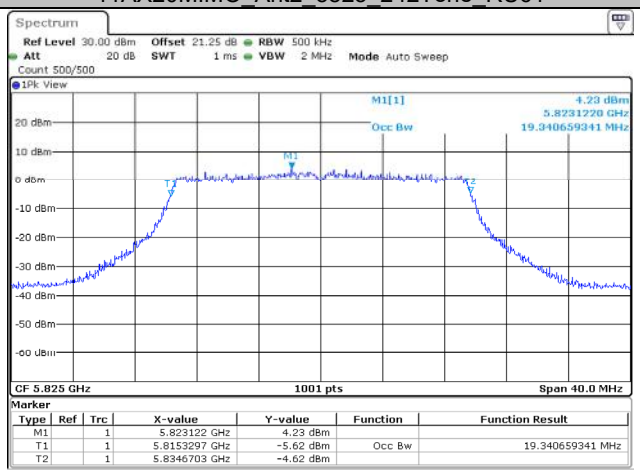
11AX20MIMO_Ant2_5785_242Tone_RU61



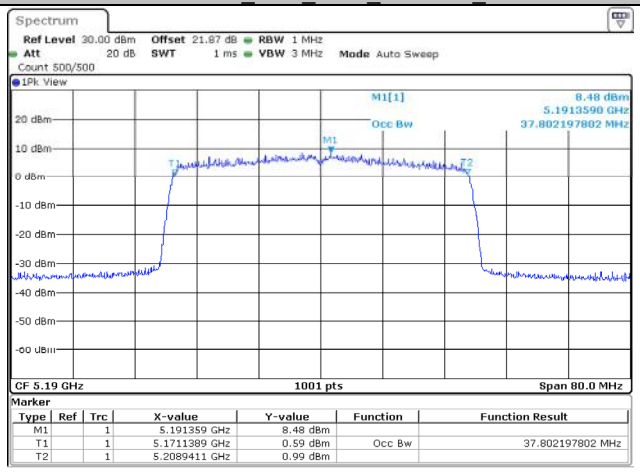
11AX20MIMO_Ant1_5825_242Tone_RU61



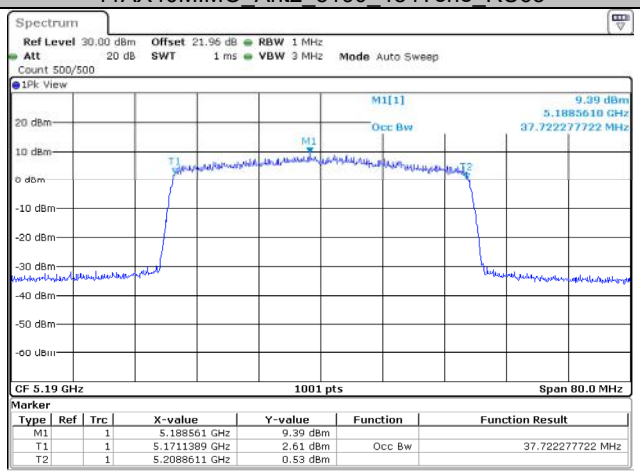
11AX20MIMO_Ant2_5825_242Tone_RU61



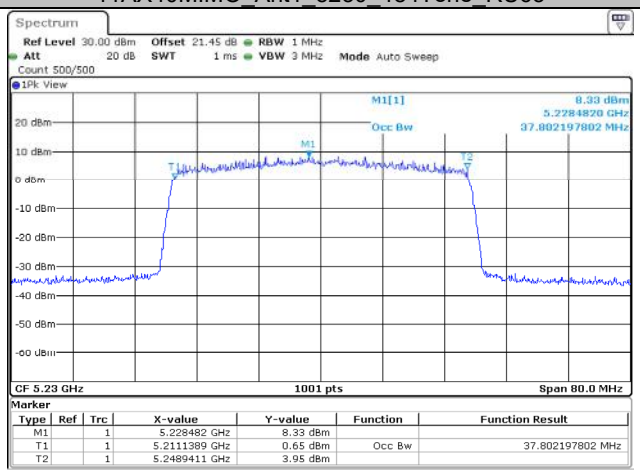
11AX40MIMO_Ant1_5190_484Tone_RU65



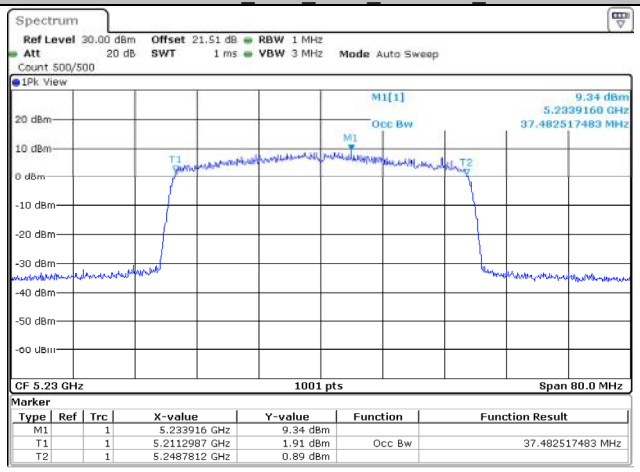
11AX40MIMO_Ant2_5190_484Tone_RU65



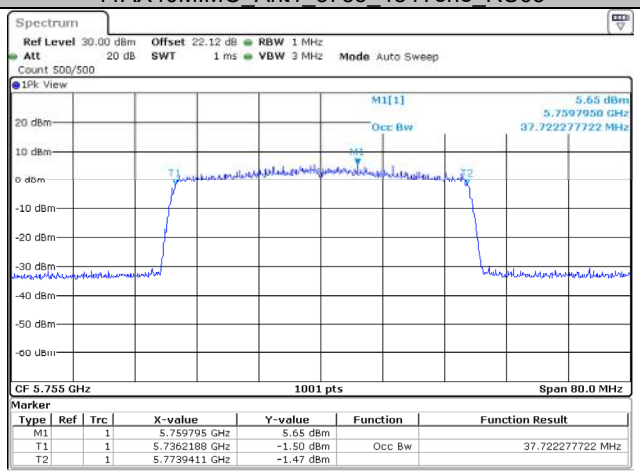
11AX40MIMO_Ant1_5230_484Tone_RU65



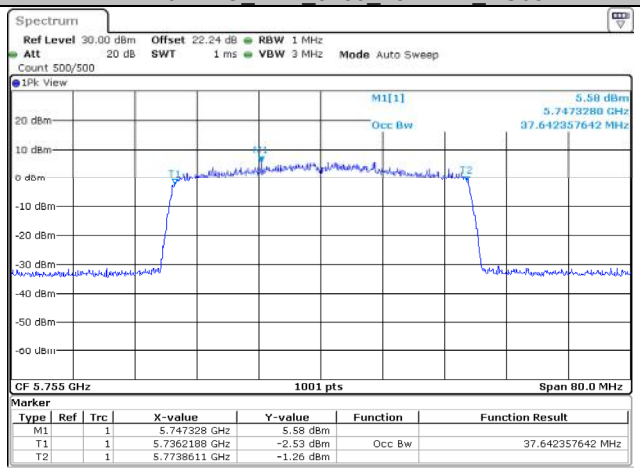
11AX40MIMO_Ant2_5230_484Tone_RU65



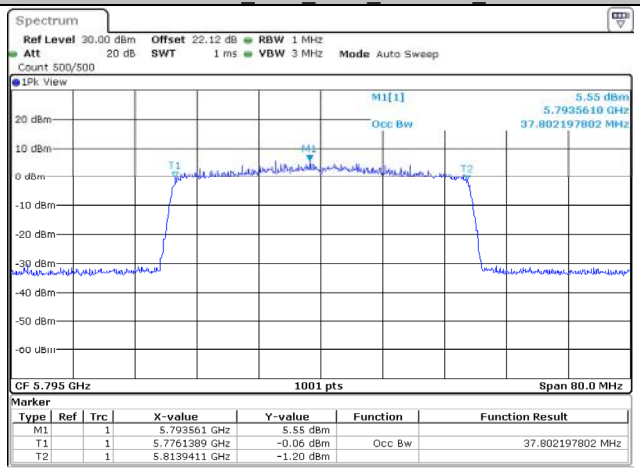
11AX40MIMO_Ant1_5755_484Tone_RU65



11AX40MIMO_Ant2_5755_484Tone_RU65

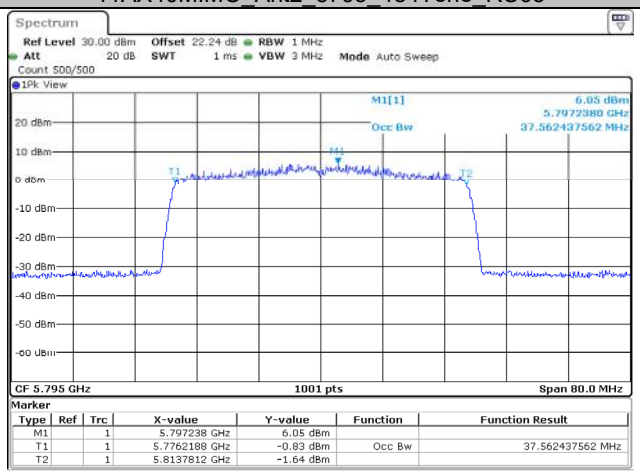


11AX40MIMO_Ant1_5795_484Tone_RU65



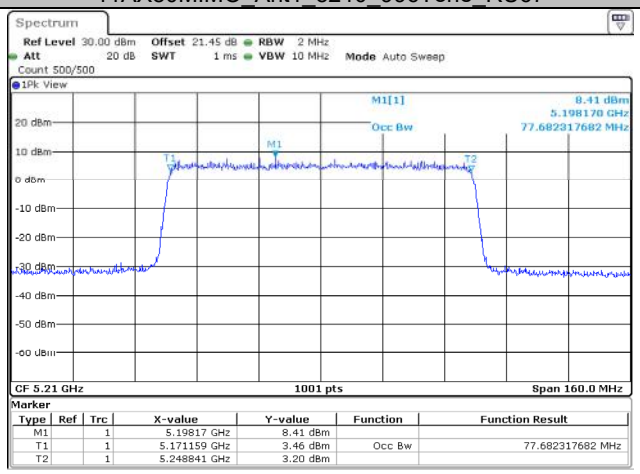
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:11:17

11AX40MIMO_Ant2_5795_484Tone_RU65



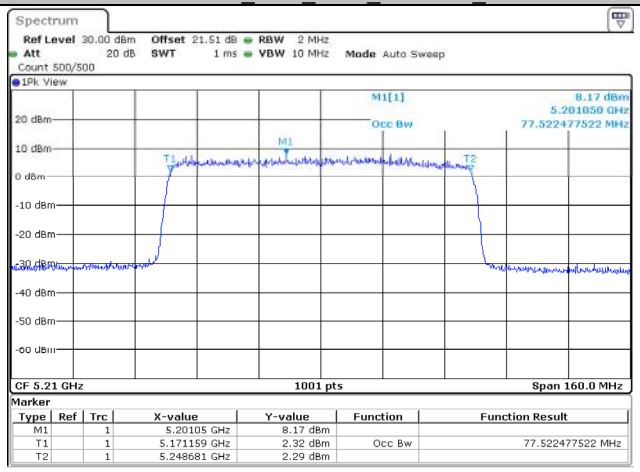
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:13:01

11AX80MIMO_Ant1_5210_996Tone_RU67



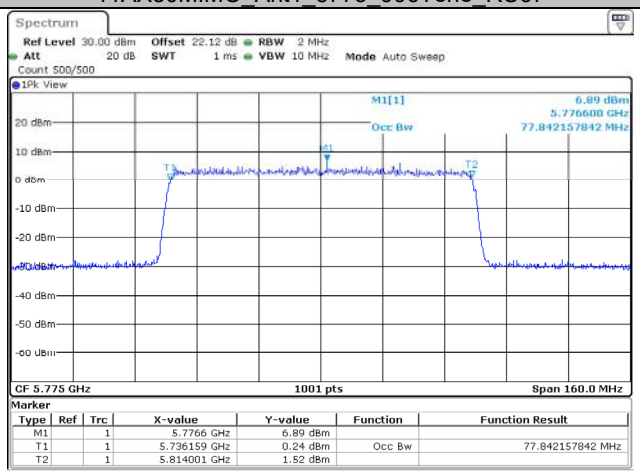
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:15:21

11AX80MIMO_Ant2_5210_996Tone_RU67



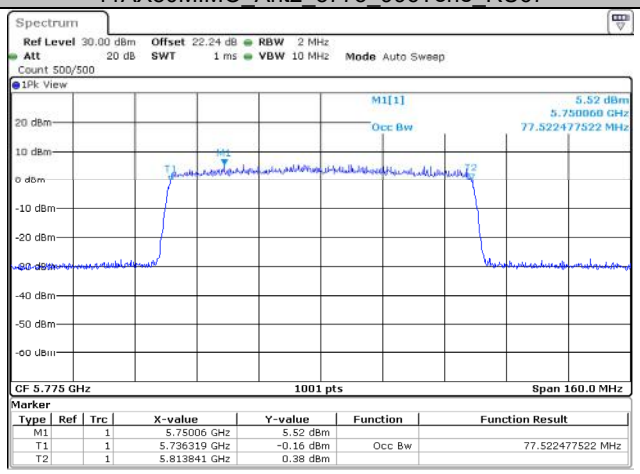
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:16:46

11AX80MIMO_Ant1_5775_996Tone_RU67



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:19:44

11AX80MIMO_Ant2_5775_996Tone_RU67



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:21:16

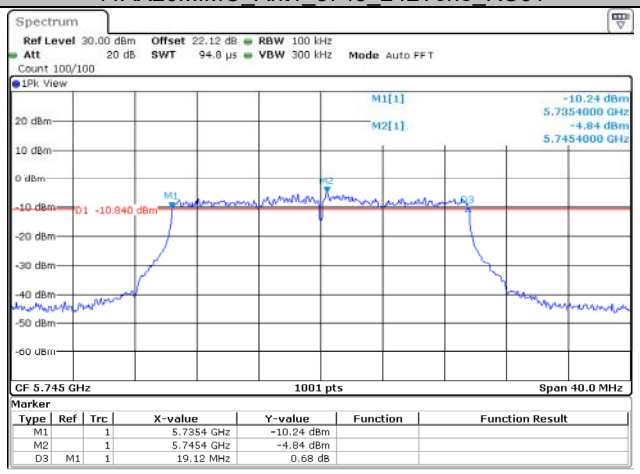
Appendix A3: Min emission bandwidth (for Band 4)

Test Result

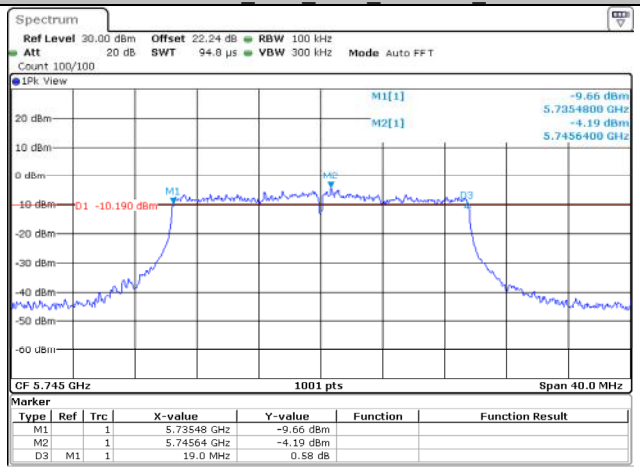
Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	6db BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20MIMO	Ant1	5745	242Tone	RU61	19.12	5735.40	5754.52	0.5	PASS
	Ant2	5745	242Tone	RU61	19.00	5735.48	5754.48	0.5	PASS
	Ant1	5785	242Tone	RU61	19.12	5775.44	5794.56	0.5	PASS
	Ant2	5785	242Tone	RU61	19.20	5775.40	5794.60	0.5	PASS
	Ant1	5825	242Tone	RU61	19.08	5815.44	5834.52	0.5	PASS
	Ant2	5825	242Tone	RU61	19.08	5815.48	5834.56	0.5	PASS
11AX40MIMO	Ant1	5755	484Tone	RU65	37.20	5736.52	5773.72	0.5	PASS
	Ant2	5755	484Tone	RU65	37.60	5736.20	5773.80	0.5	PASS
	Ant1	5795	484Tone	RU65	37.84	5776.12	5813.96	0.5	PASS
	Ant2	5795	484Tone	RU65	37.28	5776.36	5813.64	0.5	PASS
11AX80MIMO	Ant1	5775	996Tone	RU67	78.08	5735.96	5814.04	0.5	PASS
	Ant2	5775	996Tone	RU67	78.40	5735.80	5814.20	0.5	PASS

Test Graphs

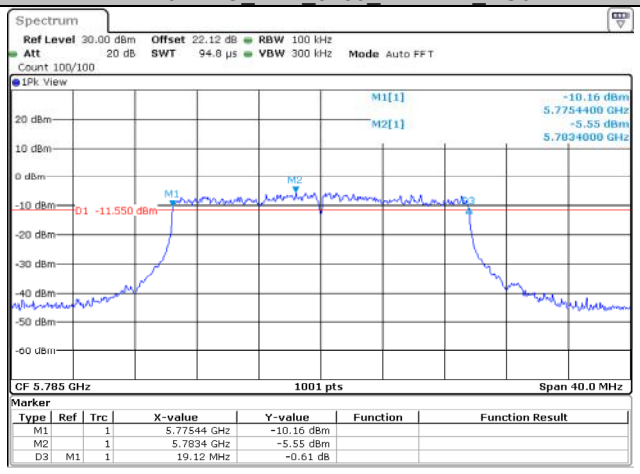
11AX20MIMO_Ant1_5745_242Tone_RU61



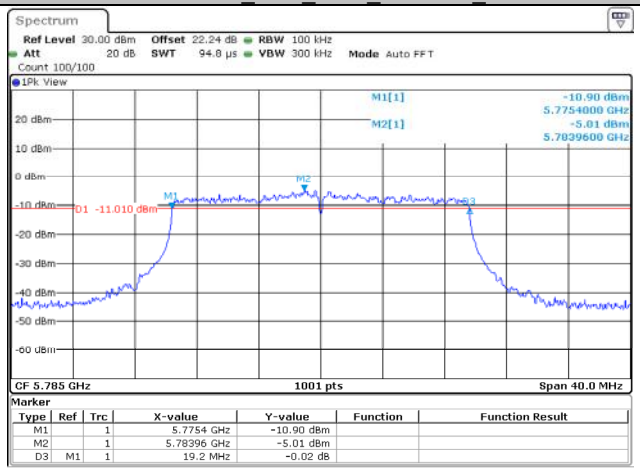
11AX20MIMO_Ant2_5745_242Tone_RU61



11AX20MIMO_Ant1_5785_242Tone_RU61

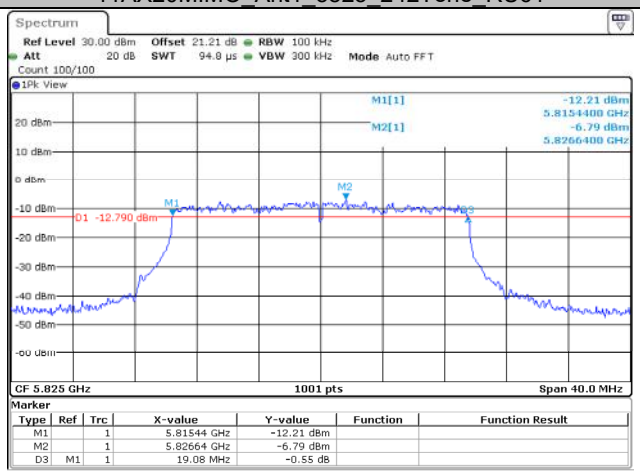


11AX20MIMO_Ant2_5785_242Tone_RU61



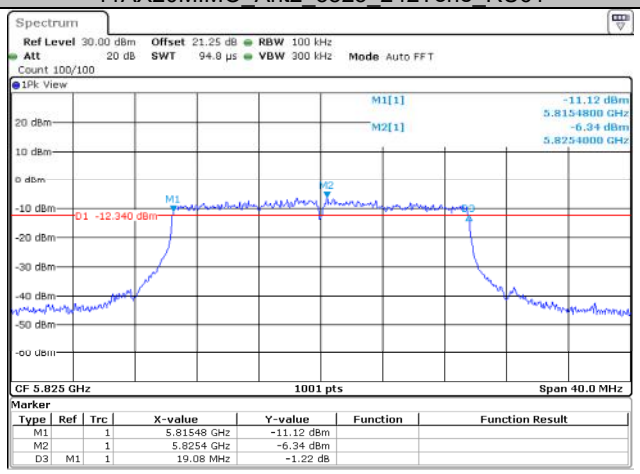
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:54:26

11AX20MIMO_Ant1_5825_242Tone_RU61



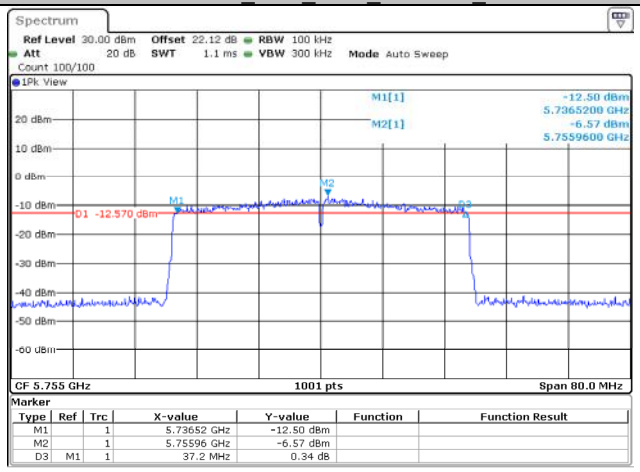
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:56:57

11AX20MIMO_Ant2_5825_242Tone_RU61



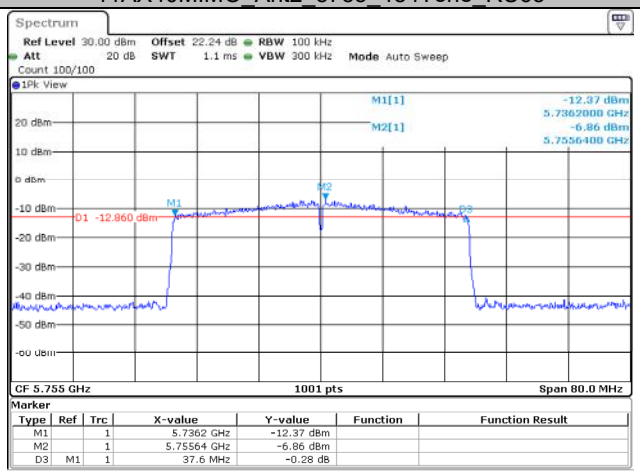
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 09:58:42

11AX40MIMO_Ant1_5755_484Tone_RU65



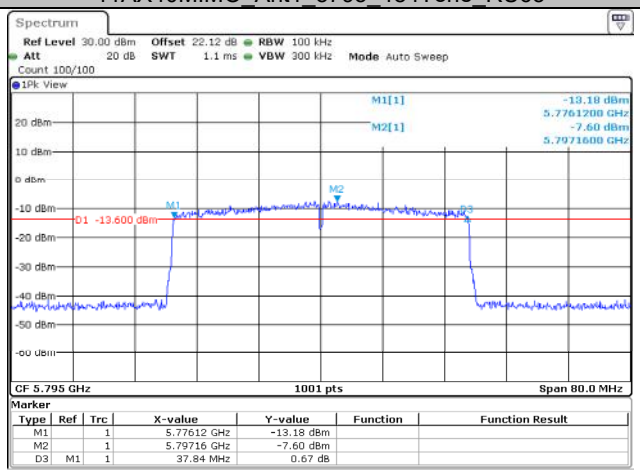
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:08:13

11AX40MIMO_Ant2_5755_484Tone_RU65



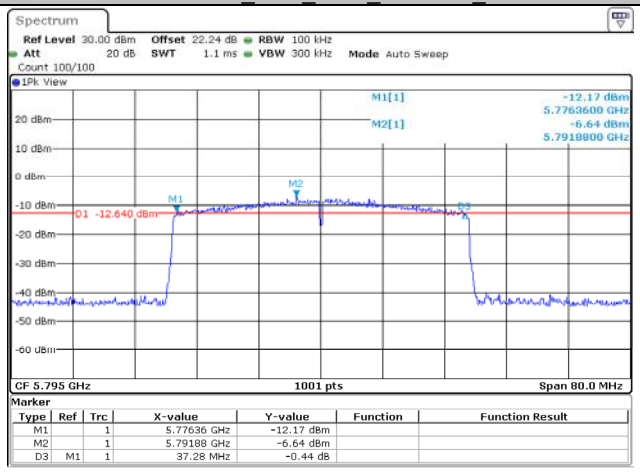
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:09:26

11AX40MIMO_Ant1_5795_484Tone_RU65



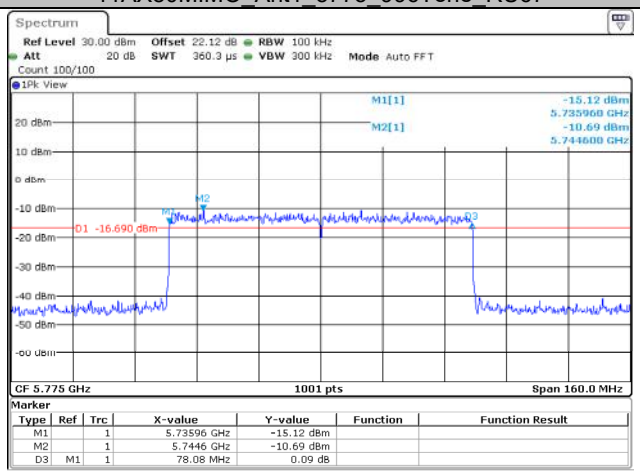
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:11:11

11AX40MIMO_Ant2_5795_484Tone_RU65



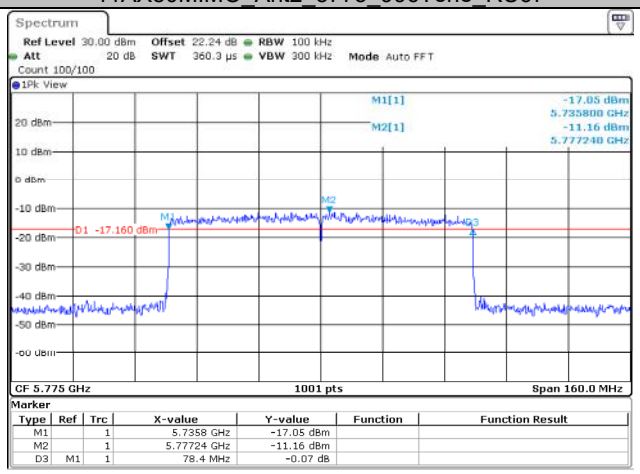
ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:12:56

11AX80MIMO_Ant1_5775_996Tone_RU67



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:19:38

11AX80MIMO_Ant2_5775_996Tone_RU67



ProjectNo.:SZ1231213-75213E-RF Tester:Tom.Liu
Date: 1.MAR.2024 10:21:10

Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Ru Size	Ru Index	Result [dBm]	Limit [dBm]	Verdict
11AX20MIMO	Ant1	5180	26Tone	RU0	8.15	≤23.98	PASS
				RU8	7.29	≤23.98	PASS
			52Tone	RU37	9.15	≤23.98	PASS
				RU40	7.98	≤23.98	PASS
			106Tone	RU53	10.07	≤23.98	PASS
				RU54	9.90	≤23.98	PASS
			242Tone	RU61	11.76	≤23.98	PASS
	Ant2	5180	26Tone	RU0	8.41	≤23.98	PASS
				RU8	7.98	≤23.98	PASS
			52Tone	RU37	9.62	≤23.98	PASS
				RU40	8.46	≤23.98	PASS
			106Tone	RU53	10.01	≤23.98	PASS
				RU54	10.32	≤23.98	PASS
			242Tone	RU61	12.20	≤23.98	PASS
	total	5180	26Tone	RU0	11.29	≤23.98	PASS
				RU8	10.66	≤23.98	PASS
			52Tone	RU37	12.40	≤23.98	PASS
				RU40	11.24	≤23.98	PASS
			106Tone	RU53	13.05	≤23.98	PASS
				RU54	13.13	≤23.98	PASS
			242Tone	RU61	15.00	≤23.98	PASS
	Ant1	5200	26Tone	RU0	7.42	≤23.98	PASS
				RU8	7.58	≤23.98	PASS
			52Tone	RU37	7.95	≤23.98	PASS
				RU40	8.17	≤23.98	PASS
			106Tone	RU53	9.04	≤23.98	PASS
				RU54	8.98	≤23.98	PASS
			242Tone	RU61	11.07	≤23.98	PASS
	Ant2	5200	26Tone	RU0	8.03	≤23.98	PASS
				RU8	8.27	≤23.98	PASS
			52Tone	RU37	8.43	≤23.98	PASS
				RU40	8.54	≤23.98	PASS
			106Tone	RU53	9.50	≤23.98	PASS
				RU54	9.48	≤23.98	PASS
			242Tone	RU61	11.68	≤23.98	PASS
	total	5200	26Tone	RU0	10.75	≤23.98	PASS
				RU8	10.95	≤23.98	PASS
			52Tone	RU37	11.21	≤23.98	PASS
				RU40	11.37	≤23.98	PASS
			106Tone	RU53	12.29	≤23.98	PASS
				RU54	12.25	≤23.98	PASS
			242Tone	RU61	14.40	≤23.98	PASS
	Ant1	5240	26Tone	RU0	7.01	≤23.98	PASS
				RU8	7.10	≤23.98	PASS
			52Tone	RU37	7.25	≤23.98	PASS
				RU40	7.37	≤23.98	PASS
			106Tone	RU53	8.64	≤23.98	PASS
				RU54	8.57	≤23.98	PASS
			242Tone	RU61	10.98	≤23.98	PASS
	Ant2	5240	26Tone	RU0	8.06	≤23.98	PASS
				RU8	7.90	≤23.98	PASS

			52Tone	RU37	7.99	≤23.98	PASS
				RU40	8.22	≤23.98	PASS
			106Tone	RU53	9.28	≤23.98	PASS
				RU54	8.97	≤23.98	PASS
			242Tone	RU61	11.33	≤23.98	PASS
	total	5240	26Tone	RU0	10.58	≤23.98	PASS
				RU8	10.53	≤23.98	PASS
			52Tone	RU37	10.65	≤23.98	PASS
				RU40	10.83	≤23.98	PASS
			106Tone	RU53	11.98	≤23.98	PASS
				RU54	11.78	≤23.98	PASS
			242Tone	RU61	14.17	≤23.98	PASS
	Ant1	5745	26Tone	RU0	5.95	≤30.00	PASS
				RU8	5.31	≤30.00	PASS
			52Tone	RU37	5.69	≤30.00	PASS
				RU40	5.70	≤30.00	PASS
			106Tone	RU53	6.08	≤30.00	PASS
				RU54	6.00	≤30.00	PASS
			242Tone	RU61	8.04	≤30.00	PASS
	Ant2	5745	26Tone	RU0	6.27	≤30.00	PASS
				RU8	5.84	≤30.00	PASS
			52Tone	RU37	6.14	≤30.00	PASS
				RU40	6.06	≤30.00	PASS
			106Tone	RU53	6.39	≤30.00	PASS
				RU54	6.34	≤30.00	PASS
			242Tone	RU61	8.62	≤30.00	PASS
	total	5745	26Tone	RU0	9.12	≤30.00	PASS
				RU8	8.59	≤30.00	PASS
			52Tone	RU37	8.93	≤30.00	PASS
				RU40	8.89	≤30.00	PASS
			106Tone	RU53	9.25	≤30.00	PASS
				RU54	9.18	≤30.00	PASS
			242Tone	RU61	11.35	≤30.00	PASS
	Ant1	5785	26Tone	RU0	6.07	≤30.00	PASS
				RU8	5.29	≤30.00	PASS
			52Tone	RU37	6.16	≤30.00	PASS
				RU40	5.52	≤30.00	PASS
			106Tone	RU53	6.47	≤30.00	PASS
				RU54	6.14	≤30.00	PASS
			242Tone	RU61	8.13	≤30.00	PASS
	Ant2	5785	26Tone	RU0	6.99	≤30.00	PASS
				RU8	6.13	≤30.00	PASS
			52Tone	RU37	6.91	≤30.00	PASS
				RU40	6.30	≤30.00	PASS
			106Tone	RU53	7.10	≤30.00	PASS
				RU54	6.78	≤30.00	PASS
			242Tone	RU61	8.69	≤30.00	PASS
	total	5785	26Tone	RU0	9.56	≤30.00	PASS
				RU8	8.74	≤30.00	PASS
			52Tone	RU37	9.56	≤30.00	PASS
				RU40	8.94	≤30.00	PASS
			106Tone	RU53	9.81	≤30.00	PASS
				RU54	9.48	≤30.00	PASS
			242Tone	RU61	11.43	≤30.00	PASS
	Ant1	5825	26Tone	RU0	4.88	≤30.00	PASS
				RU8	4.46	≤30.00	PASS
			52Tone	RU37	5.28	≤30.00	PASS
				RU40	4.92	≤30.00	PASS

			106Tone	RU53	5.33	≤30.00	PASS
				RU54	5.23	≤30.00	PASS
			242Tone	RU61	6.29	≤30.00	PASS
			26Tone	RU0	5.94	≤30.00	PASS
				RU8	5.91	≤30.00	PASS
			52Tone	RU37	6.31	≤30.00	PASS
	Ant2	5825		RU40	6.19	≤30.00	PASS
			106Tone	RU53	6.51	≤30.00	PASS
				RU54	6.37	≤30.00	PASS
			242Tone	RU61	7.43	≤30.00	PASS
			26Tone	RU0	8.45	≤30.00	PASS
				RU8	8.26	≤30.00	PASS
			52Tone	RU37	8.84	≤30.00	PASS
	total	5825		RU40	8.61	≤30.00	PASS
			106Tone	RU53	8.97	≤30.00	PASS
				RU54	8.85	≤30.00	PASS
			242Tone	RU61	9.91	≤30.00	PASS
			26Tone	RU0	4.86	≤23.98	PASS
				RU17	4.55	≤23.98	PASS
			52Tone	RU37	6.15	≤23.98	PASS
	Ant1	5190		RU44	5.58	≤23.98	PASS
			106Tone	RU53	6.73	≤23.98	PASS
				RU56	6.33	≤23.98	PASS
			242Tone	RU61	8.17	≤23.98	PASS
				RU62	8.20	≤23.98	PASS
			484Tone	RU65	11.15	≤23.98	PASS
			26Tone	RU0	5.31	≤23.98	PASS
				RU17	4.83	≤23.98	PASS
			52Tone	RU37	6.26	≤23.98	PASS
	Ant2	5190		RU44	5.69	≤23.98	PASS
			106Tone	RU53	7.09	≤23.98	PASS
				RU56	6.58	≤23.98	PASS
			242Tone	RU61	8.37	≤23.98	PASS
				RU62	8.39	≤23.98	PASS
			484Tone	RU65	11.44	≤23.98	PASS
			26Tone	RU0	8.10	≤23.98	PASS
				RU17	7.70	≤23.98	PASS
			52Tone	RU37	9.22	≤23.98	PASS
11AX40MIMO	total	5190		RU44	8.65	≤23.98	PASS
			106Tone	RU53	9.92	≤23.98	PASS
				RU56	9.47	≤23.98	PASS
			242Tone	RU61	11.28	≤23.98	PASS
				RU62	11.31	≤23.98	PASS
			484Tone	RU65	14.31	≤23.98	PASS
			26Tone	RU0	4.49	≤23.98	PASS
				RU17	4.32	≤23.98	PASS
			52Tone	RU37	5.47	≤23.98	PASS
	Ant1	5230		RU44	5.11	≤23.98	PASS
			106Tone	RU53	6.24	≤23.98	PASS
				RU56	6.03	≤23.98	PASS
			242Tone	RU61	7.96	≤23.98	PASS
				RU62	7.43	≤23.98	PASS
			484Tone	RU65	11.15	≤23.98	PASS
			26Tone	RU0	4.82	≤23.98	PASS
				RU17	4.63	≤23.98	PASS
			52Tone	RU37	5.56	≤23.98	PASS
	Ant2	5230		RU44	5.41	≤23.98	PASS
			106Tone	RU53	6.35	≤23.98	PASS

				RU56	6.19	≤23.98	PASS
			242Tone	RU61	8.14	≤23.98	PASS
				RU62	7.93	≤23.98	PASS
			484Tone	RU65	11.25	≤23.98	PASS
	total	5230	26Tone	RU0	7.67	≤23.98	PASS
				RU17	7.49	≤23.98	PASS
			52Tone	RU37	8.53	≤23.98	PASS
				RU44	8.27	≤23.98	PASS
			106Tone	RU53	9.31	≤23.98	PASS
				RU56	9.12	≤23.98	PASS
			242Tone	RU61	11.06	≤23.98	PASS
				RU62	10.70	≤23.98	PASS
			484Tone	RU65	14.21	≤23.98	PASS
	Ant1	5755	26Tone	RU0	4.54	≤30.00	PASS
				RU17	4.42	≤30.00	PASS
			52Tone	RU37	4.56	≤30.00	PASS
				RU44	4.55	≤30.00	PASS
			106Tone	RU53	5.04	≤30.00	PASS
				RU56	5.15	≤30.00	PASS
			242Tone	RU61	6.41	≤30.00	PASS
				RU62	6.06	≤30.00	PASS
			484Tone	RU65	7.94	≤30.00	PASS
	Ant2	5755	26Tone	RU0	4.60	≤30.00	PASS
				RU17	4.21	≤30.00	PASS
			52Tone	RU37	4.63	≤30.00	PASS
				RU44	4.88	≤30.00	PASS
			106Tone	RU53	5.19	≤30.00	PASS
				RU56	5.52	≤30.00	PASS
			242Tone	RU61	6.61	≤30.00	PASS
				RU62	6.36	≤30.00	PASS
			484Tone	RU65	8.24	≤30.00	PASS
	total	5755	26Tone	RU0	7.58	≤30.00	PASS
				RU17	7.33	≤30.00	PASS
			52Tone	RU37	7.61	≤30.00	PASS
				RU44	7.73	≤30.00	PASS
			106Tone	RU53	8.13	≤30.00	PASS
				RU56	8.35	≤30.00	PASS
			242Tone	RU61	9.52	≤30.00	PASS
				RU62	9.22	≤30.00	PASS
			484Tone	RU65	11.10	≤30.00	PASS
	Ant1	5795	26Tone	RU0	4.19	≤30.00	PASS
				RU17	3.99	≤30.00	PASS
			52Tone	RU37	4.43	≤30.00	PASS
				RU44	4.31	≤30.00	PASS
			106Tone	RU53	5.21	≤30.00	PASS
				RU56	4.77	≤30.00	PASS
			242Tone	RU61	5.86	≤30.00	PASS
				RU62	5.30	≤30.00	PASS
			484Tone	RU65	7.67	≤30.00	PASS
	Ant2	5795	26Tone	RU0	4.40	≤30.00	PASS
				RU17	4.08	≤30.00	PASS
			52Tone	RU37	5.03	≤30.00	PASS
				RU44	4.72	≤30.00	PASS
			106Tone	RU53	5.65	≤30.00	PASS
				RU56	5.26	≤30.00	PASS
			242Tone	RU61	6.51	≤30.00	PASS
				RU62	5.97	≤30.00	PASS
			484Tone	RU65	8.16	≤30.00	PASS

	total	5795	26Tone	RU0	7.31	≤30.00	PASS
				RU17	7.05	≤30.00	PASS
			52Tone	RU37	7.75	≤30.00	PASS
				RU44	7.53	≤30.00	PASS
			106Tone	RU53	8.45	≤30.00	PASS
				RU56	8.03	≤30.00	PASS
			242Tone	RU61	9.21	≤30.00	PASS
				RU62	8.66	≤30.00	PASS
			484Tone	RU65	10.93	≤30.00	PASS
11AX80MIMO	Ant1	5210	26Tone	RU0	4.11	≤23.98	PASS
				RU36	3.76	≤23.98	PASS
			52Tone	RU37	4.87	≤23.98	PASS
				RU52	4.38	≤23.98	PASS
			106Tone	RU53	5.18	≤23.98	PASS
				RU60	5.14	≤23.98	PASS
			242Tone	RU61	6.11	≤23.98	PASS
				RU64	6.06	≤23.98	PASS
			484Tone	RU65	7.63	≤23.98	PASS
				RU66	7.71	≤23.98	PASS
			996Tone	RU67	10.87	≤23.98	PASS
	Ant2	5210	26Tone	RU0	4.00	≤23.98	PASS
				RU36	3.45	≤23.98	PASS
			52Tone	RU37	4.68	≤23.98	PASS
				RU52	4.12	≤23.98	PASS
			106Tone	RU53	4.90	≤23.98	PASS
				RU60	4.89	≤23.98	PASS
			242Tone	RU61	5.99	≤23.98	PASS
				RU64	5.87	≤23.98	PASS
			484Tone	RU65	7.92	≤23.98	PASS
				RU66	8.18	≤23.98	PASS
			996Tone	RU67	10.86	≤23.98	PASS
	total	5210	26Tone	RU0	7.07	≤23.98	PASS
				RU36	6.62	≤23.98	PASS
			52Tone	RU37	7.79	≤23.98	PASS
				RU52	7.26	≤23.98	PASS
			106Tone	RU53	8.05	≤23.98	PASS
				RU60	8.03	≤23.98	PASS
			242Tone	RU61	9.06	≤23.98	PASS
				RU64	8.98	≤23.98	PASS
			484Tone	RU65	10.79	≤23.98	PASS
				RU66	10.96	≤23.98	PASS
			996Tone	RU67	13.88	≤23.98	PASS
	Ant1	5775	26Tone	RU0	4.39	≤30.00	PASS
				RU36	4.27	≤30.00	PASS
			52Tone	RU37	4.60	≤30.00	PASS
				RU52	4.55	≤30.00	PASS
			106Tone	RU53	5.18	≤30.00	PASS
				RU60	5.05	≤30.00	PASS
			242Tone	RU61	5.79	≤30.00	PASS
				RU64	5.82	≤30.00	PASS
			484Tone	RU65	6.80	≤30.00	PASS
				RU66	6.86	≤30.00	PASS
			996Tone	RU67	8.97	≤30.00	PASS
	Ant2	5775	26Tone	RU0	4.06	≤30.00	PASS
				RU36	3.92	≤30.00	PASS
			52Tone	RU37	4.62	≤30.00	PASS
				RU52	4.49	≤30.00	PASS
			106Tone	RU53	5.17	≤30.00	PASS

				RU60	5.01	≤30.00	PASS
			242Tone	RU61	5.93	≤30.00	PASS
				RU64	5.96	≤30.00	PASS
			484Tone	RU65	7.17	≤30.00	PASS
				RU66	7.09	≤30.00	PASS
			996Tone	RU67	9.02	≤30.00	PASS
	total	5775	26Tone	RU0	7.24	≤30.00	PASS
				RU36	7.11	≤30.00	PASS
			52Tone	RU37	7.62	≤30.00	PASS
				RU52	7.53	≤30.00	PASS
			106Tone	RU53	8.19	≤30.00	PASS
				RU60	8.04	≤30.00	PASS
			242Tone	RU61	8.87	≤30.00	PASS
				RU64	8.90	≤30.00	PASS
			484Tone	RU65	10.00	≤30.00	PASS
				RU66	9.99	≤30.00	PASS
			996Tone	RU67	12.01	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix C: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant1	5180	26Tone	RU0	5.52	≤11.00	PASS
				RU8	4.64	≤11.00	PASS
			52Tone	RU37	3.95	≤11.00	PASS
				RU40	2.73	≤11.00	PASS
			106Tone	RU53	2.23	≤11.00	PASS
				RU54	2.09	≤11.00	PASS
			242Tone	RU61	0.35	≤11.00	PASS
	Ant2	5180	26Tone	RU0	5.86	≤11.00	PASS
				RU8	5.34	≤11.00	PASS
			52Tone	RU37	4.58	≤11.00	PASS
				RU40	3.2	≤11.00	PASS
			106Tone	RU53	2.46	≤11.00	PASS
				RU54	2.46	≤11.00	PASS
			242Tone	RU61	0.89	≤11.00	PASS
	total	5180	26Tone	RU0	8.70	≤11.00	PASS
				RU8	8.01	≤11.00	PASS
			52Tone	RU37	7.29	≤11.00	PASS
				RU40	5.98	≤11.00	PASS
			106Tone	RU53	5.36	≤11.00	PASS
				RU54	5.29	≤11.00	PASS
			242Tone	RU61	3.64	≤11.00	PASS
	Ant1	5200	26Tone	RU0	4.82	≤11.00	PASS
				RU8	5.07	≤11.00	PASS
			52Tone	RU37	2.65	≤11.00	PASS
				RU40	3.15	≤11.00	PASS
			106Tone	RU53	1.72	≤11.00	PASS
				RU54	1.62	≤11.00	PASS
			242Tone	RU61	-0.22	≤11.00	PASS
	Ant2	5200	26Tone	RU0	5.4	≤11.00	PASS
				RU8	5.63	≤11.00	PASS
			52Tone	RU37	3.26	≤11.00	PASS
				RU40	3.46	≤11.00	PASS
			106Tone	RU53	1.91	≤11.00	PASS
				RU54	2.03	≤11.00	PASS
			242Tone	RU61	0.32	≤11.00	PASS
	total	5200	26Tone	RU0	8.13	≤11.00	PASS
				RU8	8.37	≤11.00	PASS
			52Tone	RU37	5.98	≤11.00	PASS
				RU40	6.32	≤11.00	PASS
			106Tone	RU53	4.83	≤11.00	PASS
				RU54	4.84	≤11.00	PASS
			242Tone	RU61	3.07	≤11.00	PASS
	Ant1	5240	26Tone	RU0	4.29	≤11.00	PASS
				RU8	4.54	≤11.00	PASS
			52Tone	RU37	2.18	≤11.00	PASS
				RU40	2.33	≤11.00	PASS
			106Tone	RU53	1.13	≤11.00	PASS
				RU54	1.1	≤11.00	PASS
			242Tone	RU61	-0.26	≤11.00	PASS
	Ant2	5240	26Tone	RU0	5.37	≤11.00	PASS
				RU8	5.13	≤11.00	PASS

			52Tone	RU37	2.84	≤11.00	PASS
				RU40	3.1	≤11.00	PASS
			106Tone	RU53	1.57	≤11.00	PASS
				RU54	1.62	≤11.00	PASS
			242Tone	RU61	0.11	≤11.00	PASS
	total	5240	26Tone	RU0	7.87	≤11.00	PASS
				RU8	7.86	≤11.00	PASS
			52Tone	RU37	5.53	≤11.00	PASS
				RU40	5.74	≤11.00	PASS
			106Tone	RU53	4.37	≤11.00	PASS
				RU54	4.38	≤11.00	PASS
			242Tone	RU61	2.94	≤11.00	PASS
	Ant1	5745	26Tone	RU0	0.76	≤30.00	PASS
				RU8	-0.1	≤30.00	PASS
			52Tone	RU37	-2.24	≤30.00	PASS
				RU40	-2.04	≤30.00	PASS
			106Tone	RU53	-4.15	≤30.00	PASS
				RU54	-4.3	≤30.00	PASS
			242Tone	RU61	-6.15	≤30.00	PASS
	Ant2	5745	26Tone	RU0	1.01	≤30.00	PASS
				RU8	0.34	≤30.00	PASS
			52Tone	RU37	-1.53	≤30.00	PASS
				RU40	-1.94	≤30.00	PASS
			106Tone	RU53	-3.85	≤30.00	PASS
				RU54	-3.9	≤30.00	PASS
			242Tone	RU61	-5.46	≤30.00	PASS
	total	5745	26Tone	RU0	3.90	≤30.00	PASS
				RU8	3.14	≤30.00	PASS
			52Tone	RU37	1.14	≤30.00	PASS
				RU40	1.02	≤30.00	PASS
			106Tone	RU53	-0.99	≤30.00	PASS
				RU54	-1.09	≤30.00	PASS
			242Tone	RU61	-2.78	≤30.00	PASS
	Ant1	5785	26Tone	RU0	0.96	≤30.00	PASS
				RU8	0.07	≤30.00	PASS
			52Tone	RU37	-1.53	≤30.00	PASS
				RU40	-2.46	≤30.00	PASS
			106Tone	RU53	-3.77	≤30.00	PASS
				RU54	-4.37	≤30.00	PASS
			242Tone	RU61	-6.05	≤30.00	PASS
	Ant2	5785	26Tone	RU0	1.74	≤30.00	PASS
				RU8	0.69	≤30.00	PASS
			52Tone	RU37	-1.07	≤30.00	PASS
				RU40	-1.66	≤30.00	PASS
			106Tone	RU53	-3.16	≤30.00	PASS
				RU54	-3.52	≤30.00	PASS
			242Tone	RU61	-5.41	≤30.00	PASS
	total	5785	26Tone	RU0	4.38	≤30.00	PASS
				RU8	3.40	≤30.00	PASS
			52Tone	RU37	1.72	≤30.00	PASS
				RU40	0.97	≤30.00	PASS
			106Tone	RU53	-0.44	≤30.00	PASS
				RU54	-0.91	≤30.00	PASS
			242Tone	RU61	-2.71	≤30.00	PASS
	Ant1	5825	26Tone	RU0	-0.64	≤30.00	PASS
				RU8	-0.93	≤30.00	PASS
			52Tone	RU37	-2.57	≤30.00	PASS
				RU40	-3.08	≤30.00	PASS

			106Tone	RU53	-5.05	≤30.00	PASS
				RU54	-5.22	≤30.00	PASS
			242Tone	RU61	-7.91	≤30.00	PASS
	Ant2	5825	26Tone	RU0	0.74	≤30.00	PASS
				RU8	0.65	≤30.00	PASS
			52Tone	RU37	-1.54	≤30.00	PASS
				RU40	-1.79	≤30.00	PASS
			106Tone	RU53	-3.65	≤30.00	PASS
				RU54	-3.97	≤30.00	PASS
			242Tone	RU61	-6.49	≤30.00	PASS
	total	5825	26Tone	RU0	3.11	≤30.00	PASS
				RU8	2.94	≤30.00	PASS
			52Tone	RU37	0.99	≤30.00	PASS
				RU40	0.62	≤30.00	PASS
			106Tone	RU53	-1.28	≤30.00	PASS
				RU54	-1.54	≤30.00	PASS
			242Tone	RU61	-4.13	≤30.00	PASS
11AX40MIMO	Ant1	5190	26Tone	RU0	2.01	≤11.00	PASS
				RU17	1.85	≤11.00	PASS
			52Tone	RU37	0.75	≤11.00	PASS
				RU44	0.01	≤11.00	PASS
			106Tone	RU53	-1.71	≤11.00	PASS
				RU56	-1.99	≤11.00	PASS
			242Tone	RU61	-3.61	≤11.00	PASS
				RU62	-3.71	≤11.00	PASS
			484Tone	RU65	-2.34	≤11.00	PASS
	Ant2	5190	26Tone	RU0	2.69	≤11.00	PASS
				RU17	2.12	≤11.00	PASS
			52Tone	RU37	0.78	≤11.00	PASS
				RU44	0.13	≤11.00	PASS
			106Tone	RU53	-1.32	≤11.00	PASS
				RU56	-1.83	≤11.00	PASS
			242Tone	RU61	-3.48	≤11.00	PASS
				RU62	-3.72	≤11.00	PASS
			484Tone	RU65	-1.99	≤11.00	PASS
	total	5190	26Tone	RU0	5.37	≤11.00	PASS
				RU17	5.00	≤11.00	PASS
			52Tone	RU37	3.78	≤11.00	PASS
				RU44	3.08	≤11.00	PASS
			106Tone	RU53	1.50	≤11.00	PASS
				RU56	1.10	≤11.00	PASS
			242Tone	RU61	-0.53	≤11.00	PASS
				RU62	-0.70	≤11.00	PASS
			484Tone	RU65	0.85	≤11.00	PASS
	Ant1	5230	26Tone	RU0	1.73	≤11.00	PASS
				RU17	1.47	≤11.00	PASS
			52Tone	RU37	-0.23	≤11.00	PASS
				RU44	-0.41	≤11.00	PASS
			106Tone	RU53	-2.11	≤11.00	PASS
				RU56	-2.5	≤11.00	PASS
			242Tone	RU61	-4.05	≤11.00	PASS
				RU62	-4.42	≤11.00	PASS
			484Tone	RU65	-2.29	≤11.00	PASS
	Ant2	5230	26Tone	RU0	1.92	≤11.00	PASS
				RU17	1.81	≤11.00	PASS
			52Tone	RU37	0.14	≤11.00	PASS
				RU44	-0.08	≤11.00	PASS
			106Tone	RU53	-1.92	≤11.00	PASS

				RU56	-2.35	≤11.00	PASS
			242Tone	RU61	-3.72	≤11.00	PASS
				RU62	-3.91	≤11.00	PASS
			484Tone	RU65	-2.1	≤11.00	PASS
	total	5230	26Tone	RU0	4.84	≤11.00	PASS
				RU17	4.65	≤11.00	PASS
			52Tone	RU37	2.97	≤11.00	PASS
				RU44	2.77	≤11.00	PASS
			106Tone	RU53	1.00	≤11.00	PASS
				RU56	0.59	≤11.00	PASS
			242Tone	RU61	-0.87	≤11.00	PASS
				RU62	-1.15	≤11.00	PASS
			484Tone	RU65	0.82	≤11.00	PASS
	Ant1	5755	26Tone	RU0	-0.82	≤30.00	PASS
				RU17	-1.27	≤30.00	PASS
			52Tone	RU37	-3.69	≤30.00	PASS
				RU44	-3.94	≤30.00	PASS
			106Tone	RU53	-6.31	≤30.00	PASS
				RU56	-6.05	≤30.00	PASS
			242Tone	RU61	-8.5	≤30.00	PASS
				RU62	-8.57	≤30.00	PASS
			484Tone	RU65	-8.42	≤30.00	PASS
	Ant2	5755	26Tone	RU0	-0.82	≤30.00	PASS
				RU17	-1.22	≤30.00	PASS
			52Tone	RU37	-3.55	≤30.00	PASS
				RU44	-3.5	≤30.00	PASS
			106Tone	RU53	-6.06	≤30.00	PASS
				RU56	-5.98	≤30.00	PASS
			242Tone	RU61	-8.1	≤30.00	PASS
				RU62	-8.61	≤30.00	PASS
			484Tone	RU65	-7.94	≤30.00	PASS
	total	5755	26Tone	RU0	2.19	≤30.00	PASS
				RU17	1.77	≤30.00	PASS
			52Tone	RU37	-0.61	≤30.00	PASS
				RU44	-0.70	≤30.00	PASS
			106Tone	RU53	-3.17	≤30.00	PASS
				RU56	-3.00	≤30.00	PASS
			242Tone	RU61	-5.29	≤30.00	PASS
				RU62	-5.58	≤30.00	PASS
			484Tone	RU65	-5.16	≤30.00	PASS
	Ant1	5795	26Tone	RU0	-1.27	≤30.00	PASS
				RU17	-1.36	≤30.00	PASS
			52Tone	RU37	-3.96	≤30.00	PASS
				RU44	-4.18	≤30.00	PASS
			106Tone	RU53	-6.13	≤30.00	PASS
				RU56	-6.56	≤30.00	PASS
			242Tone	RU61	-8.74	≤30.00	PASS
				RU62	-9.26	≤30.00	PASS
			484Tone	RU65	-8.47	≤30.00	PASS
	Ant2	5795	26Tone	RU0	-0.97	≤30.00	PASS
				RU17	-1.31	≤30.00	PASS
			52Tone	RU37	-3.45	≤30.00	PASS
				RU44	-3.71	≤30.00	PASS
			106Tone	RU53	-5.75	≤30.00	PASS
				RU56	-5.57	≤30.00	PASS
			242Tone	RU61	-8.4	≤30.00	PASS
				RU62	-8.73	≤30.00	PASS
			484Tone	RU65	-8.07	≤30.00	PASS

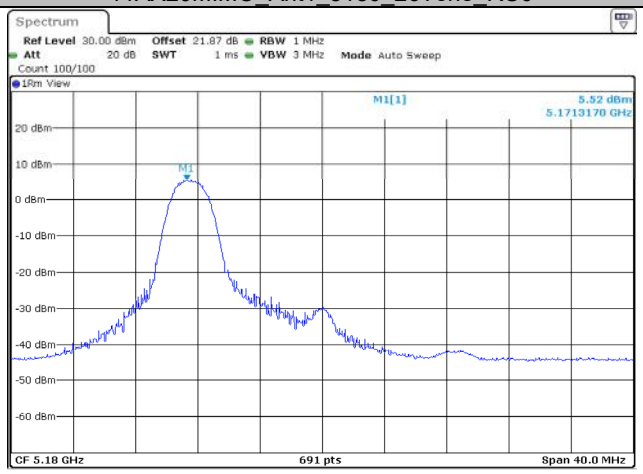
	total	5795	26Tone	RU0	1.89	≤30.00	PASS
				RU17	1.68	≤30.00	PASS
			52Tone	RU37	-0.69	≤30.00	PASS
				RU44	-0.93	≤30.00	PASS
			106Tone	RU53	-2.93	≤30.00	PASS
				RU56	-3.03	≤30.00	PASS
			242Tone	RU61	-5.56	≤30.00	PASS
				RU62	-5.98	≤30.00	PASS
			484Tone	RU65	-5.26	≤30.00	PASS
11AX80MIMO	Ant1	5210	26Tone	RU0	1.17	≤11.00	PASS
				RU36	1.14	≤11.00	PASS
			52Tone	RU37	-0.62	≤11.00	PASS
				RU52	-1.23	≤11.00	PASS
			106Tone	RU53	-3.4	≤11.00	PASS
				RU60	-3.3	≤11.00	PASS
			242Tone	RU61	-5.68	≤11.00	PASS
				RU64	-5.86	≤11.00	PASS
			484Tone	RU65	-6.72	≤11.00	PASS
				RU66	-7.18	≤11.00	PASS
			996Tone	RU67	-7.2	≤11.00	PASS
	Ant2	5210	26Tone	RU0	1.14	≤11.00	PASS
				RU36	0.47	≤11.00	PASS
			52Tone	RU37	-0.8	≤11.00	PASS
				RU52	-1.46	≤11.00	PASS
			106Tone	RU53	-3.61	≤11.00	PASS
				RU60	-3.64	≤11.00	PASS
			242Tone	RU61	-6.06	≤11.00	PASS
				RU64	-6.22	≤11.00	PASS
			484Tone	RU65	-6.68	≤11.00	PASS
				RU66	-6.59	≤11.00	PASS
			996Tone	RU67	-6.93	≤11.00	PASS
	total	5210	26Tone	RU0	4.17	≤11.00	PASS
				RU36	3.83	≤11.00	PASS
			52Tone	RU37	2.30	≤11.00	PASS
				RU52	1.67	≤11.00	PASS
			106Tone	RU53	-0.49	≤11.00	PASS
				RU60	-0.46	≤11.00	PASS
			242Tone	RU61	-2.86	≤11.00	PASS
				RU64	-3.03	≤11.00	PASS
			484Tone	RU65	-3.69	≤11.00	PASS
				RU66	-3.86	≤11.00	PASS
			996Tone	RU67	-4.05	≤11.00	PASS
	Ant1	5775	26Tone	RU0	-1.3	≤30.00	PASS
				RU36	-0.93	≤30.00	PASS
			52Tone	RU37	-3.77	≤30.00	PASS
				RU52	-3.79	≤30.00	PASS
			106Tone	RU53	-6.34	≤30.00	PASS
				RU60	-6.29	≤30.00	PASS
			242Tone	RU61	-8.85	≤30.00	PASS
				RU64	-8.8	≤30.00	PASS
			484Tone	RU65	-10.25	≤30.00	PASS
				RU66	-10.47	≤30.00	PASS
			996Tone	RU67	-11.85	≤30.00	PASS
	Ant2	5775	26Tone	RU0	-1.46	≤30.00	PASS
				RU36	-1.52	≤30.00	PASS
			52Tone	RU37	-4.02	≤30.00	PASS
				RU52	-3.94	≤30.00	PASS
			106Tone	RU53	-6.34	≤30.00	PASS

				RU60	-6.4	≤30.00	PASS
			242Tone	RU61	-8.84	≤30.00	PASS
				RU64	-8.96	≤30.00	PASS
			484Tone	RU65	-10.59	≤30.00	PASS
				RU66	-10.55	≤30.00	PASS
			996Tone	RU67	-11.44	≤30.00	PASS
	total	5775	26Tone	RU0	1.63	≤30.00	PASS
				RU36	1.80	≤30.00	PASS
			52Tone	RU37	-0.88	≤30.00	PASS
				RU52	-0.85	≤30.00	PASS
			106Tone	RU53	-3.33	≤30.00	PASS
				RU60	-3.33	≤30.00	PASS
			242Tone	RU61	-5.83	≤30.00	PASS
				RU64	-5.87	≤30.00	PASS
			484Tone	RU65	-7.41	≤30.00	PASS
				RU66	-7.50	≤30.00	PASS
			996Tone	RU67	-8.63	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor is compensated in the graph.

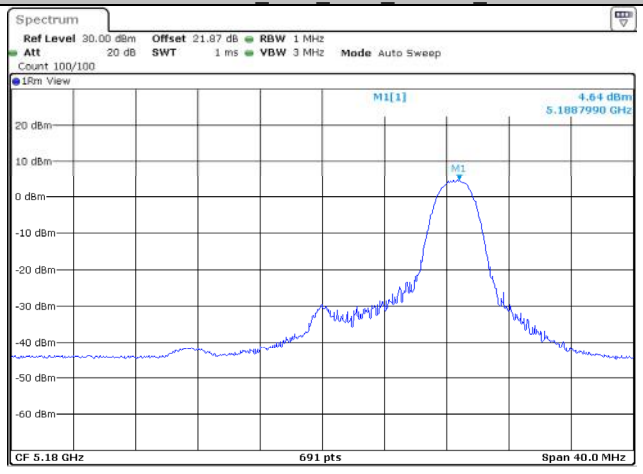
Test Graphs

11AX20MIMO_Ant1_5180_26Tone_RU0



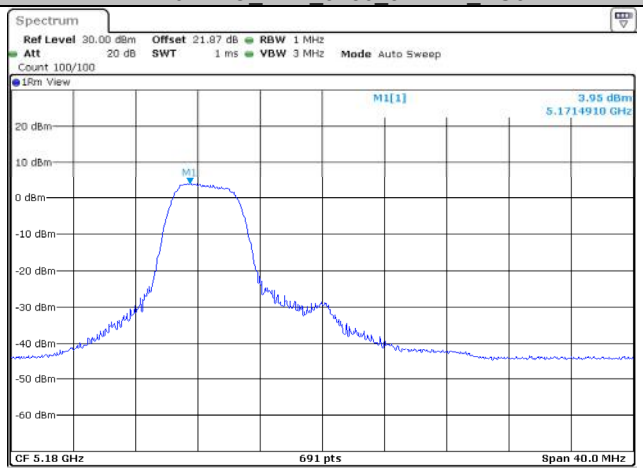
ProjectNo.: SZ1231213-75213E-RF Tester:Tom.Liu
Date: 29.FEB.2024 16:13:54

11AX20MIMO_Ant1_5180_26Tone_RU8

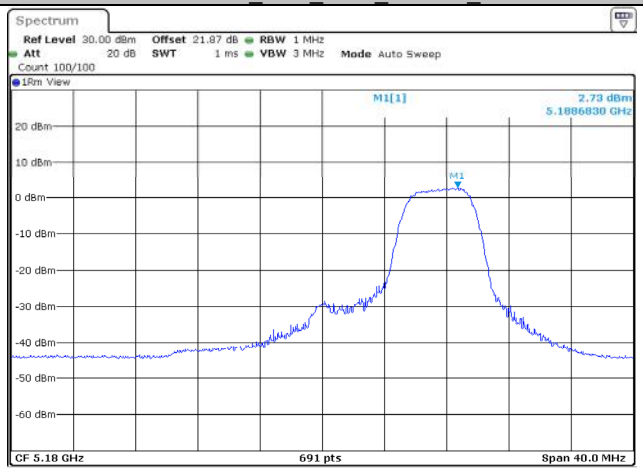
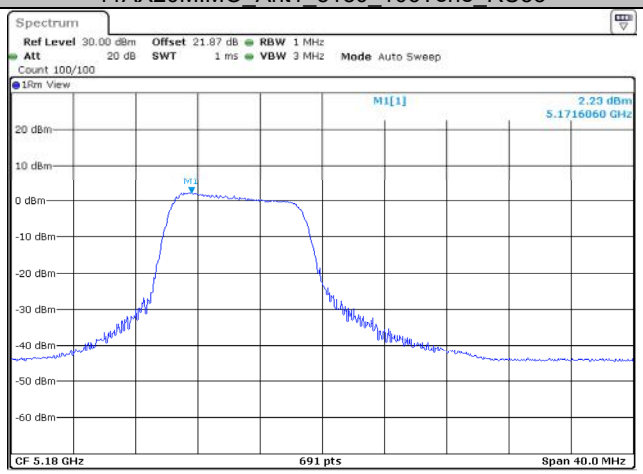
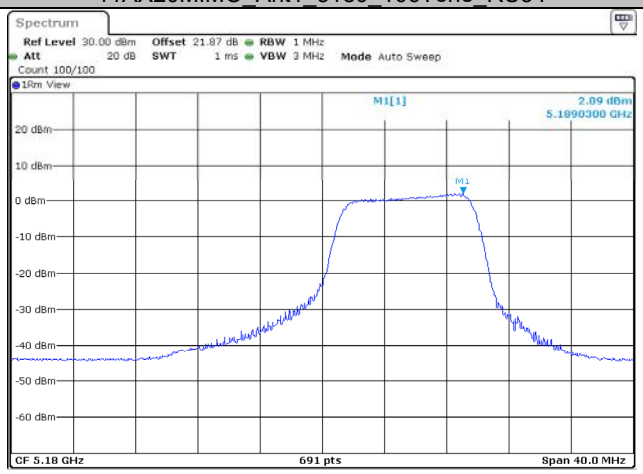


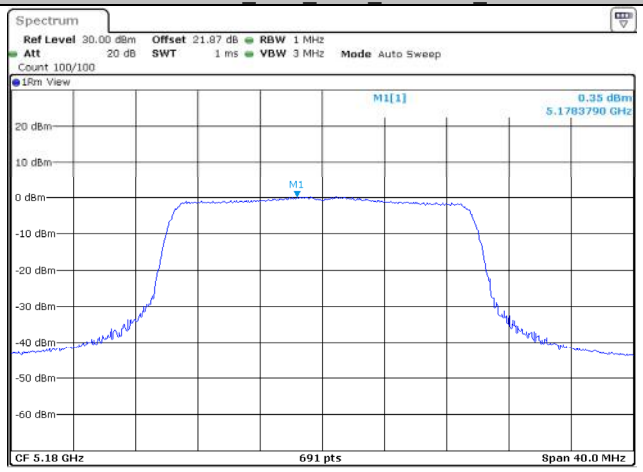
ProjectNo.: SZ1231213-75213E-RF Tester:Tom.Liu
Date: 29.FEB.2024 16:17:07

11AX20MIMO_Ant1_5180_52Tone_RU37



ProjectNo.: SZ1231213-75213E-RF Tester:Tom.Liu
Date: 29.FEB.2024 16:07:08

11AX20MIMO_Ant1_5180_52Tone_RU40

11AX20MIMO_Ant1_5180_106Tone_RU53

11AX20MIMO_Ant1_5180_106Tone_RU54


11AX20MIMO_Ant1_5180_242Tone_RU61


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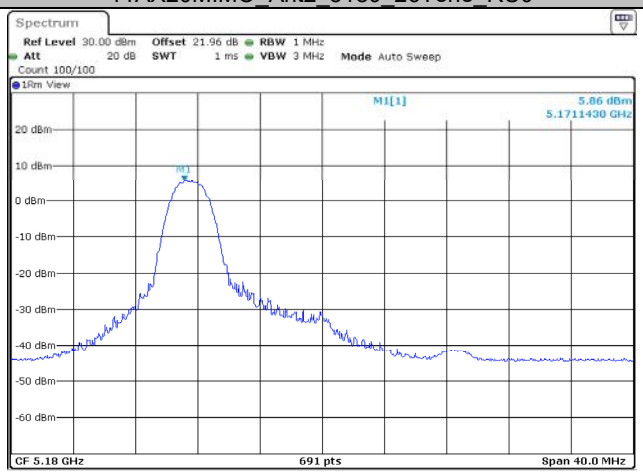

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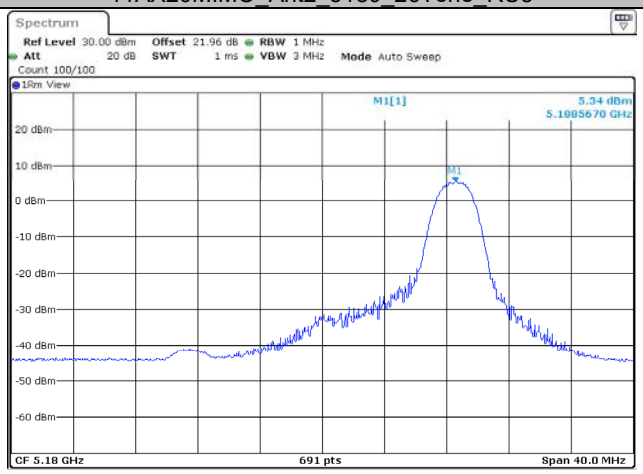

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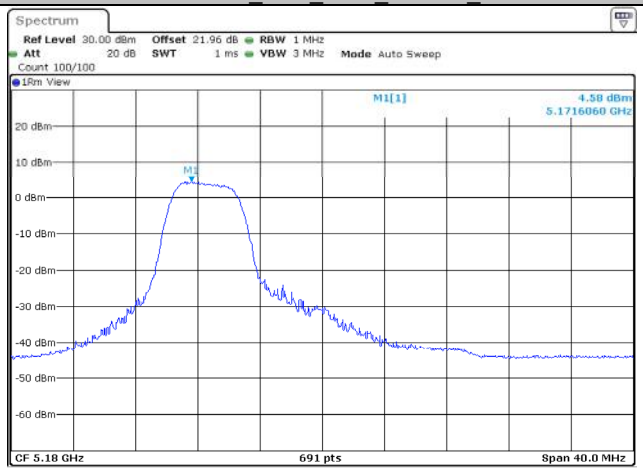

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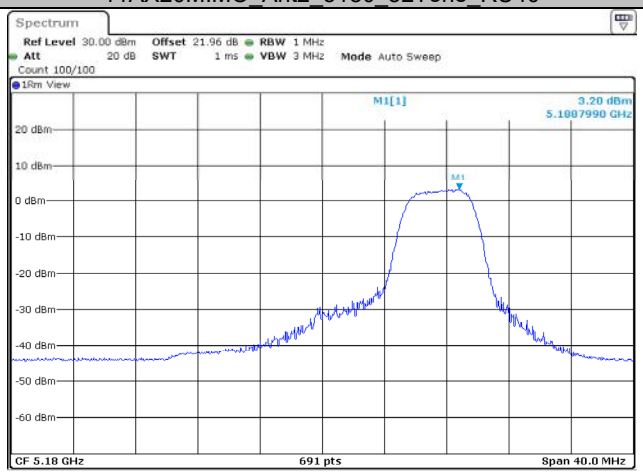
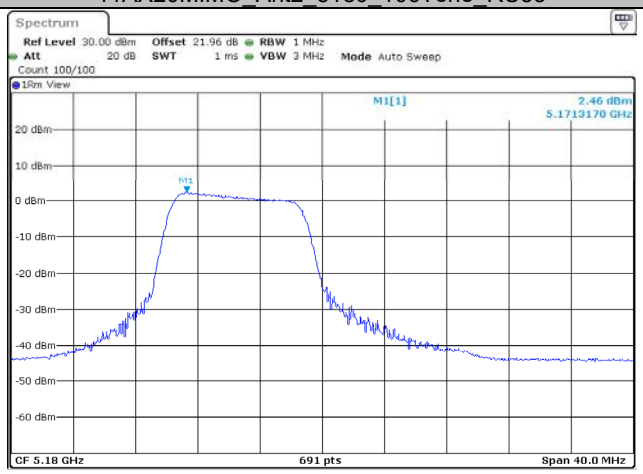


11AX20MIMO_Ant2_5180_106Tone_RU53



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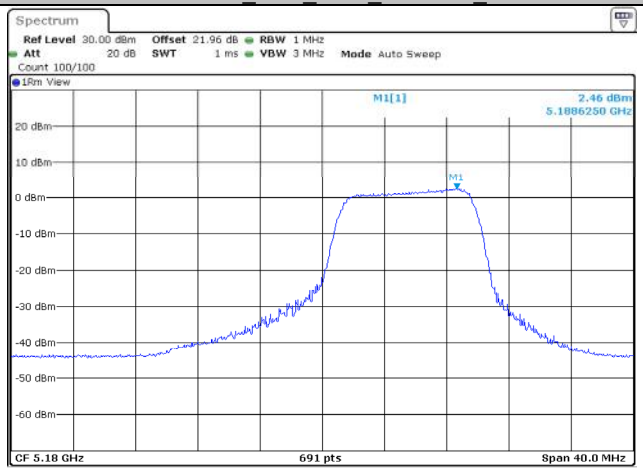
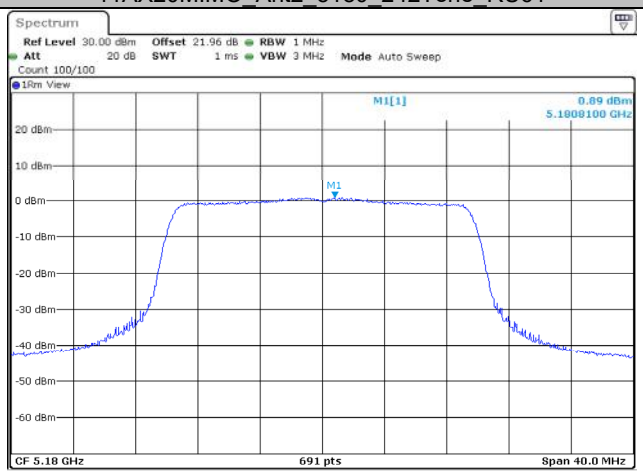
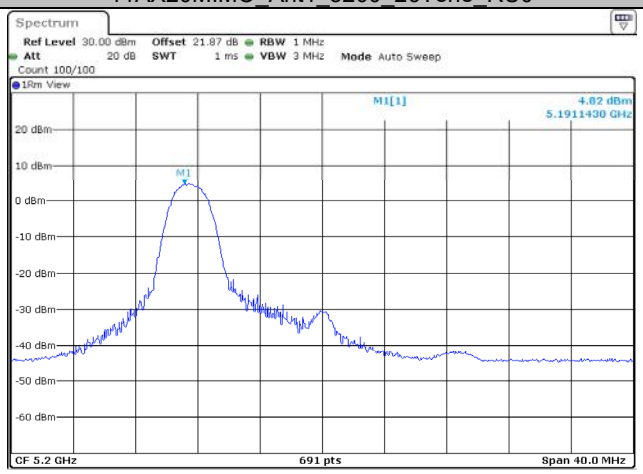


11AX20MIMO_Ant2_5180_242Tone_RU61



11AX20MIMO_Ant1_5200_26Tone_RU0



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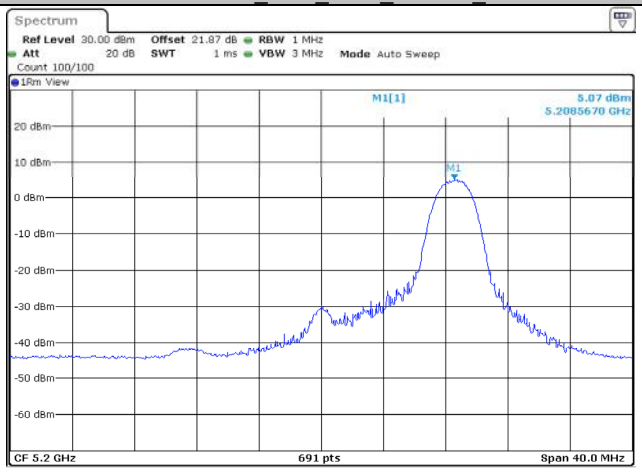

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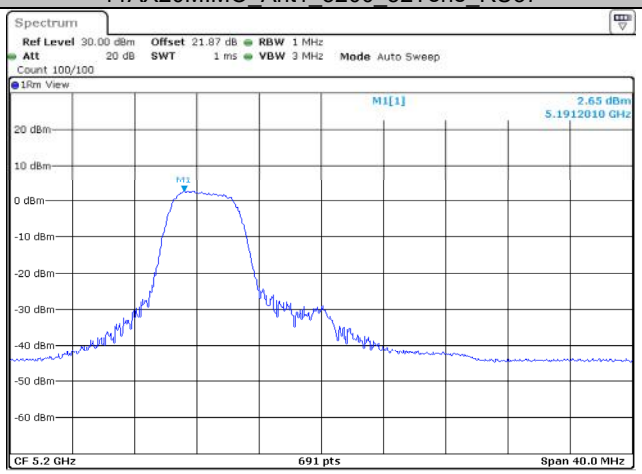
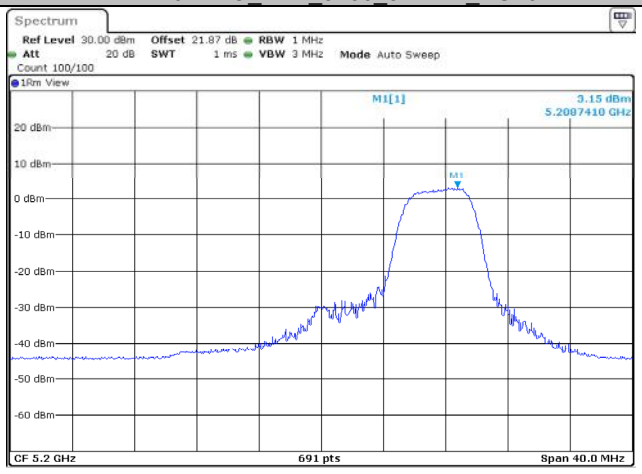
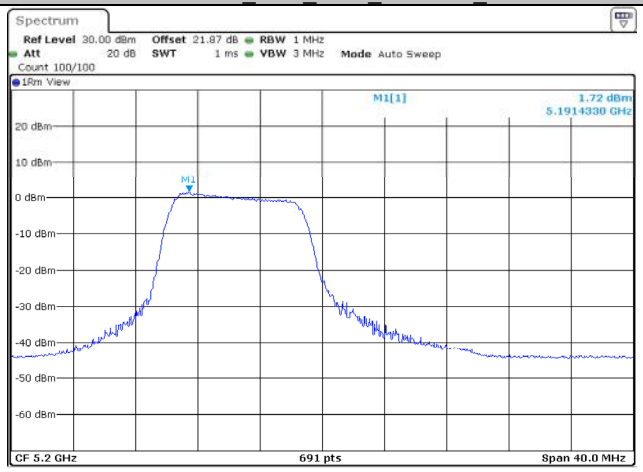


11AX20MIMO_Ant1_5200_52Tone_RU40


11AX20MIMO_Ant1_5200_106Tone_RU53



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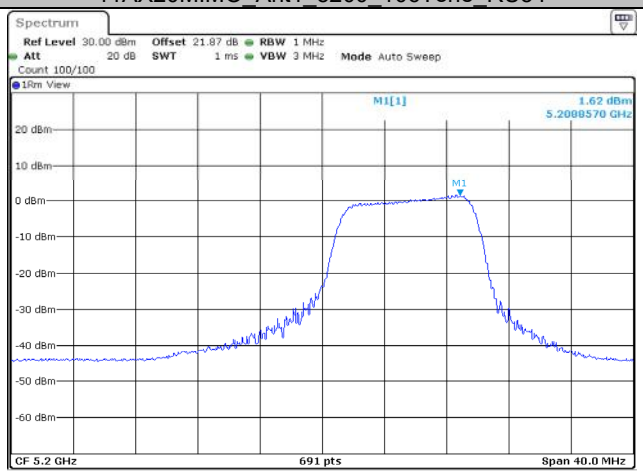
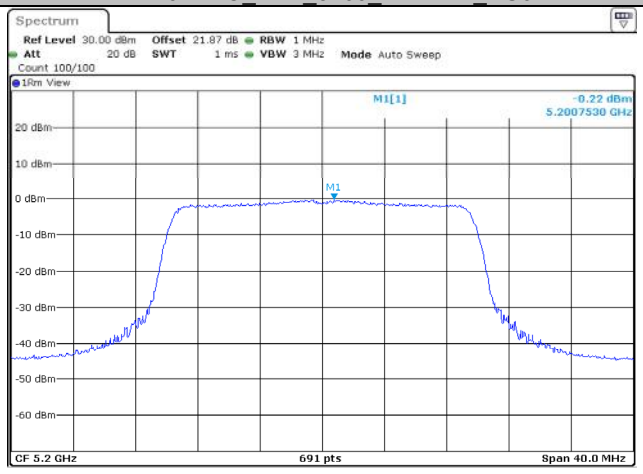
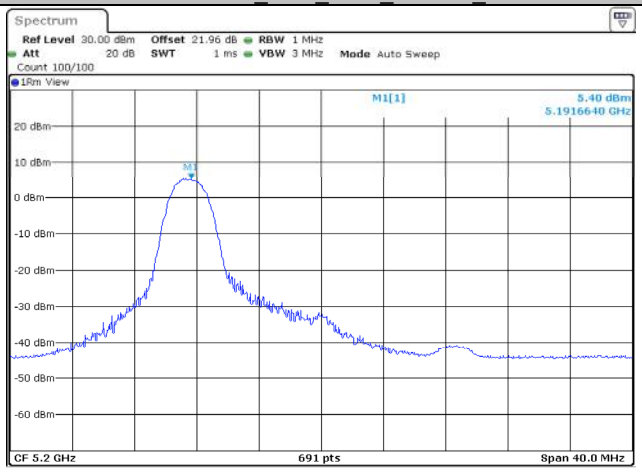
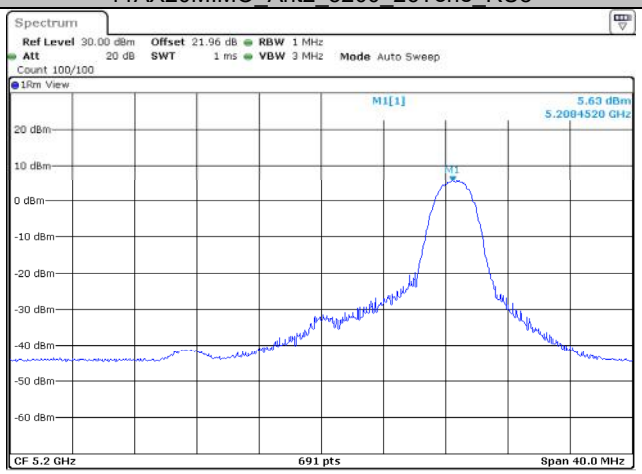


11AX20MIMO_Ant1_5200_242Tone_RU61



11AX20MIMO_Ant2_5200_26Tone_RU0


11AX20MIMO_Ant2_5200_26Tone_RU8


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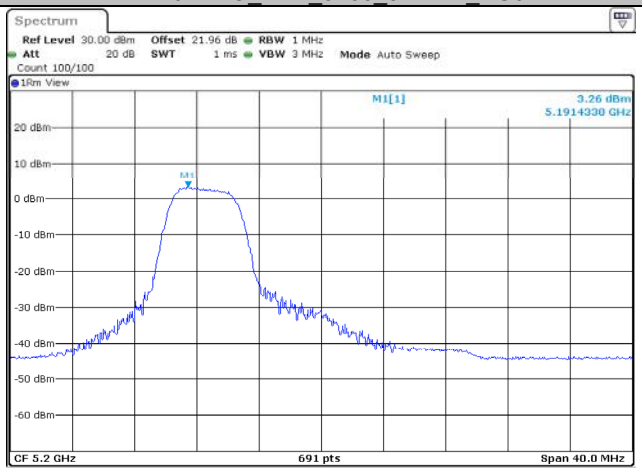

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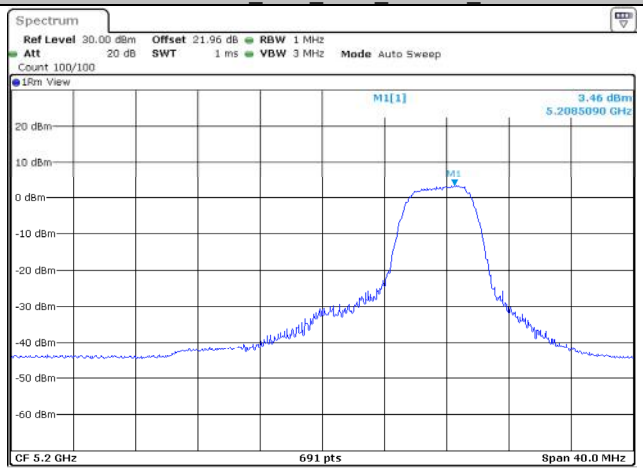

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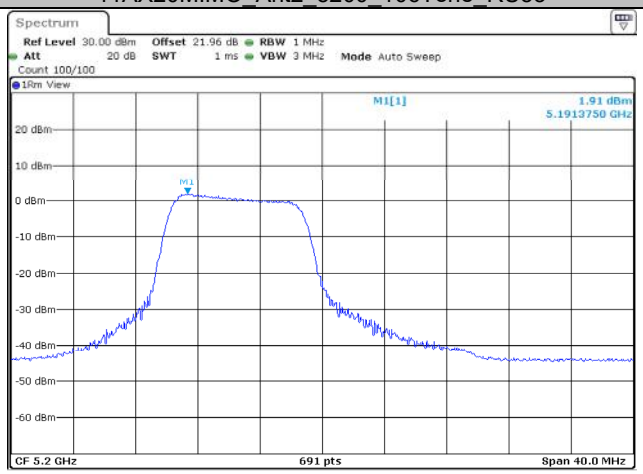

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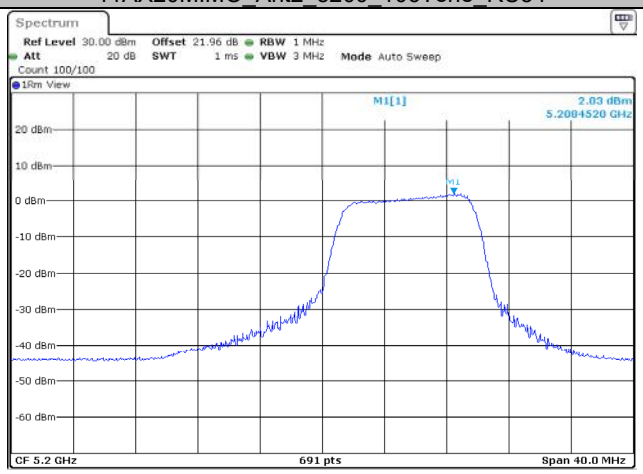

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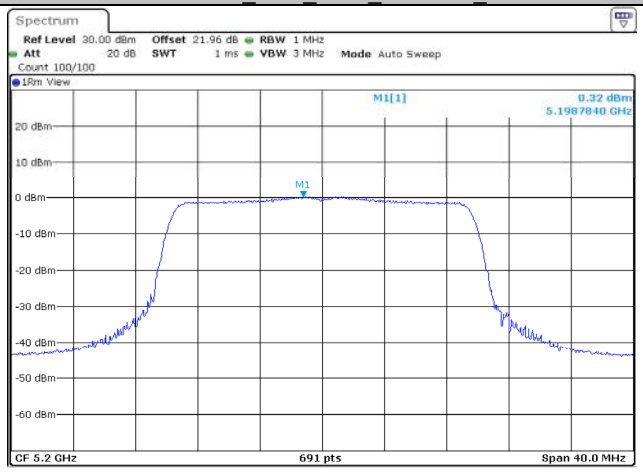
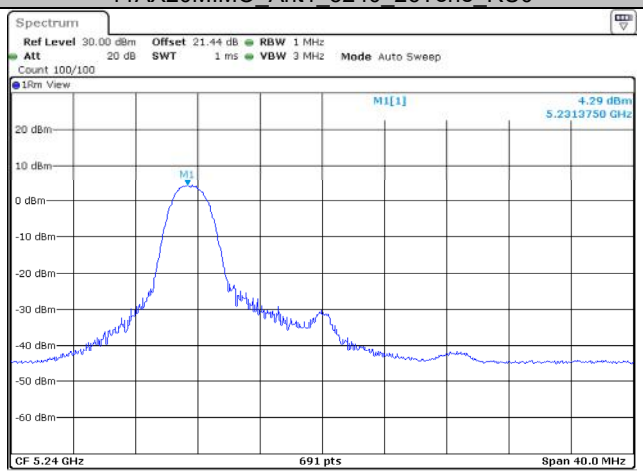


11AX20MIMO_Ant1_5240_26Tone_RU0


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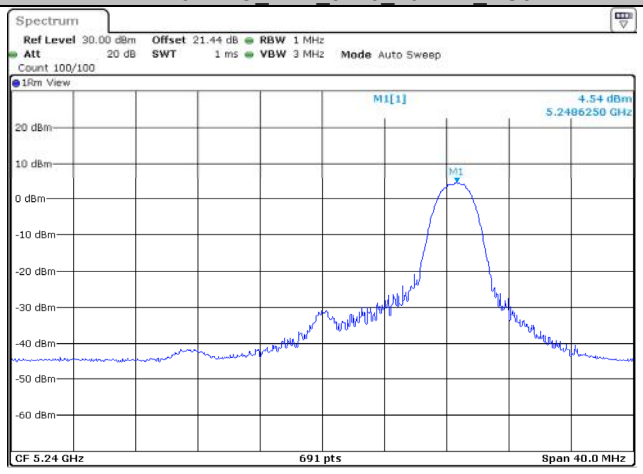

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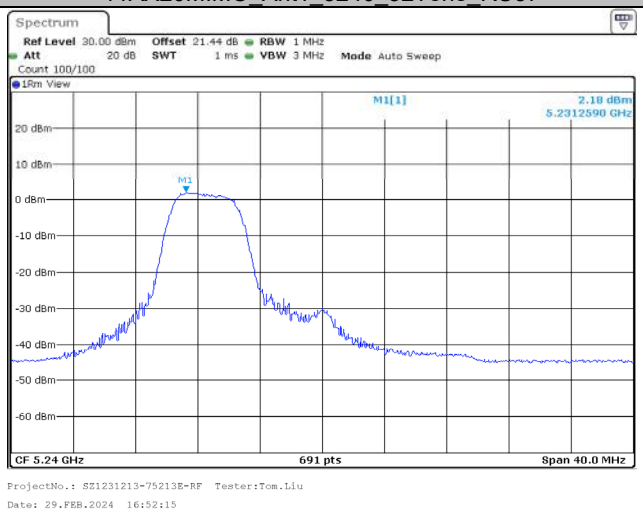
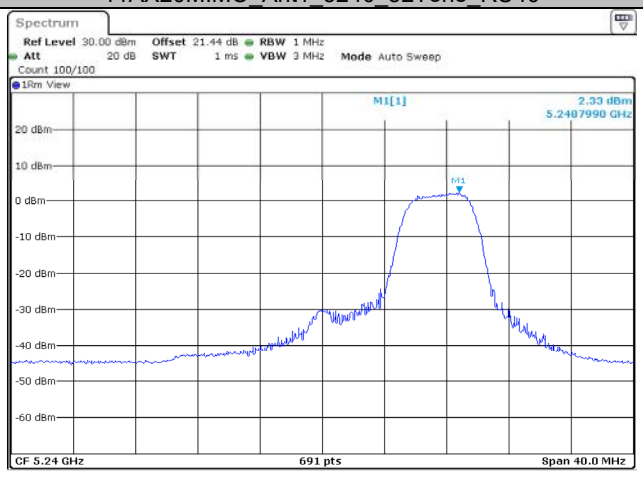


11AX20MIMO_Ant1_5240_52Tone_RU40



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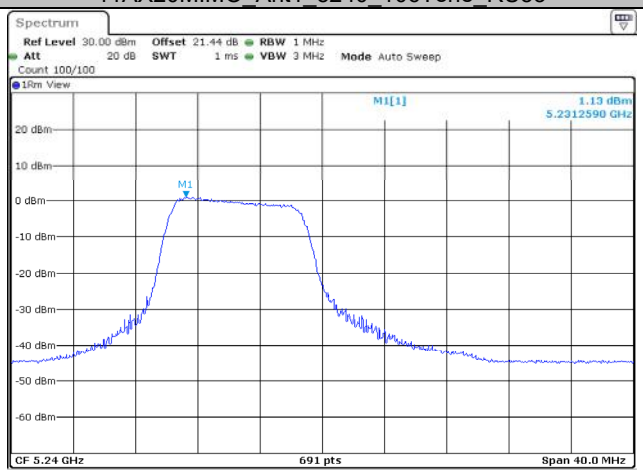
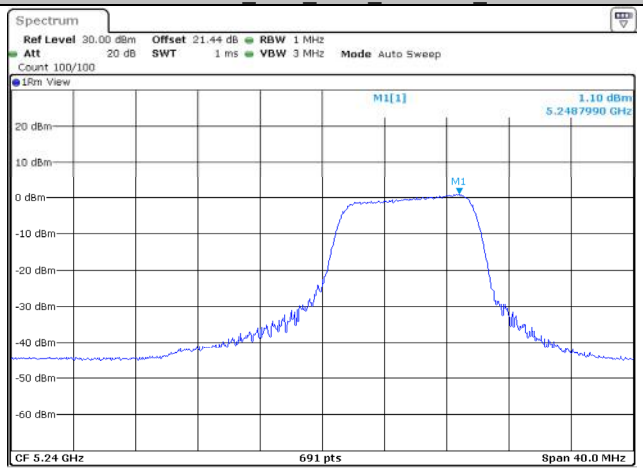
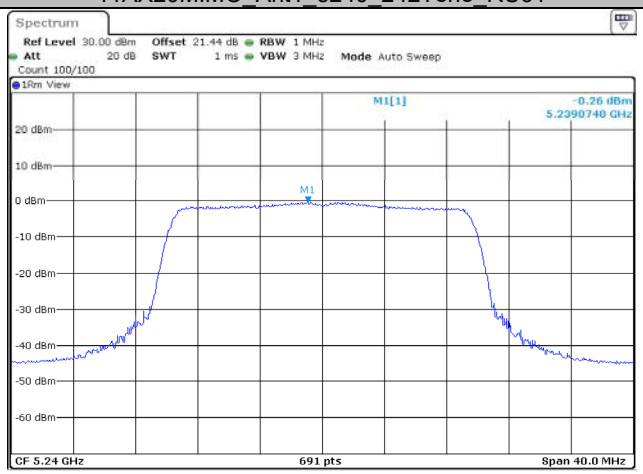


11AX20MIMO_Ant1_5240_106Tone_RU54



11AX20MIMO_Ant1_5240_242Tone_RU61



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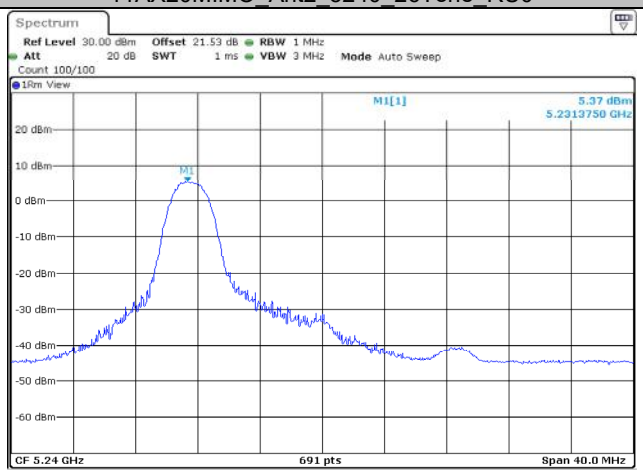

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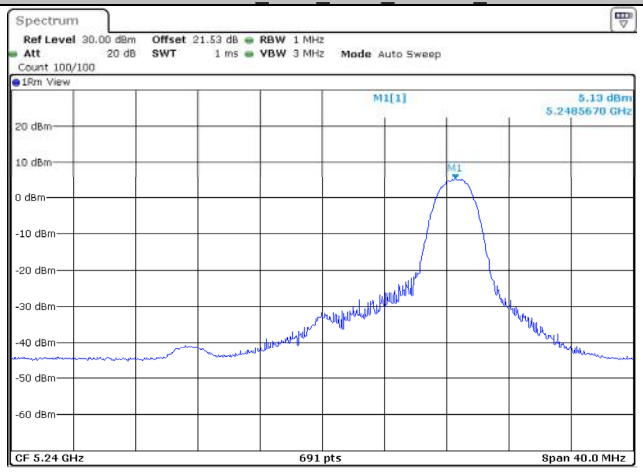
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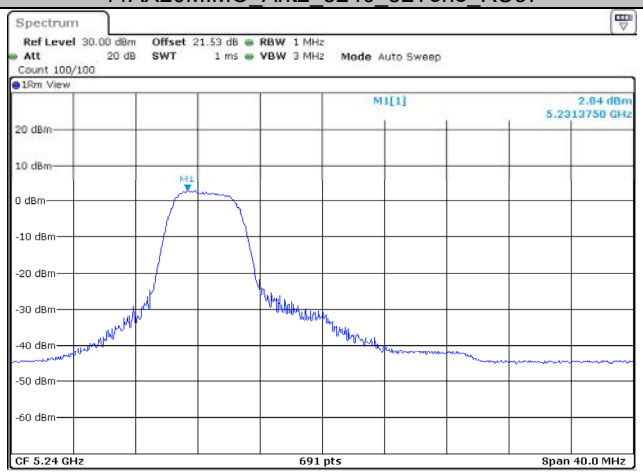
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