

FCC Test Report

(Class II Permissive Change)

Product Name	Intel® Wi-Fi 6E AX211
Model No	AX211NGW
FCC ID.	PD9AX211NG

Applicant	Intel Corporation
Address	100 Center Point Circle Suite 200 Columbia, South Carolina 29210, United States

Date of Receipt	Aug. 22, 2021
Issue Date	Oct. 08, 2021
Report No.	2180902R-RFUSWL2V01
Report Version	V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test Report

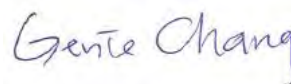
Issue Date: Oct. 08, 2021

Report No.: 2180902R-RFUSWL2V01



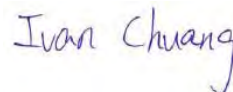
Product Name	Intel® Wi-Fi 6E AX211
Applicant	Intel Corporation
Address	100 Center Point Circle Suite 200 Columbia, South Carolina 29210, United States
Manufacturer	INTEL MOBILE COMMUNICATIONS
Model No.	AX211NGW
FCC ID.	PD9AX211NG
EUT Rated Voltage	DC 3.3V
EUT Test Voltage	DC 3.3V (Power By Test Fixture)
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By :



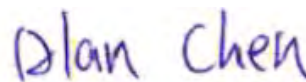
(Senior Project Specialist / Genie Chang)

Tested By :



(Senior Engineer / Ivan Chuang)

Approved By :



(Senior Engineer / Alan Chen)

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Revision History

Report No.	Version	Description	Issued Date
2180902R-RFUSWL2V01	V1.0	Initial issue of report.	2021-10-08

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Wi-Fi 6E AX211
Trade Name	Intel
Model No.	AX211NGW
FCC ID.	PD9AX211NG
Frequency Range	802.11b/g/n/ax-20: 2412-2472MHz, 802.11n/ax-40: 2422-2462MHz
Number of Channels	802.11b/g/n/ax-20: 13CH, 802.11n/ax-40: 9CH
Data Rate	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: up to 300Mbps, 802.11ax-20MHz : 17.2-286.8Mbps, 802.11ax-40MHz : 34.4-573.5Mbps
Channel Separation	802.11b/g/n/ax: 5 MHz
Type of Modulation	802.11b:DSSS, DBPSK, DQPSK, CCK 802.11g/n/ax: OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Antenna Type	PIFA Antenna
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto
Power Adapter	MFR: FSP , M/N: FSP065-A1BR3 Input: AC 100-240V, 50-60Hz, 1.7A Output: DC 5V,3A 15W,9V,3A 27W, 12V,3A 36W,15V,3A 45W,20V,3.25A 65W Cable Out: Non-shielded, 1.8m Power Cord: Non-shielded, 0.9m
Contain Module	Intel / AX211NGW

Antenna List

No.	Manufacturer	Part No. (Vendor)	Antenna Type	Peak Gain
1	Auden	ANTRP5C119-1801 (Main) ANTRP5C119-1802 (Aux)	PIFA	3.36dBi in 2.4 GHz

Note: The antenna of EUT is conforming to FCC 15.203.

802.11b/g/n/ax-20MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01:	2412 MHz	Channel 02:	2417 MHz	Channel 03:	2422 MHz	Channel 04:	2427 MHz
Channel 05:	2432 MHz	Channel 06:	2437 MHz	Channel 07:	2442 MHz	Channel 08:	2447 MHz
Channel 09:	2452 MHz	Channel 10:	2457 MHz	Channel 11:	2462 MHz	Channel 12:	2467 MHz
Channel 13:	2472 MHz						

802.11n/ax-40MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 03:	2422 MHz	Channel 04:	2427 MHz	Channel 05:	2432 MHz	Channel 06:	2437 MHz
Channel 07:	2442 MHz	Channel 08:	2447 MHz	Channel 09:	2452 MHz	Channel 10:	2457 MHz
Channel 11:	2462 MHz						

Note:

1. The EUT is an Intel® Wi-Fi 6E AX211 with built-in WLAN and Bluetooth transceiver, this report for WLAN 2.4GHz.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
4. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11b/g/n/ax transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.
5. At result of pretests, module supports dual-channel transmission, only the worst case is shown in the report.
6. This is to request a Class II permissive change for FCC ID: PD9AX211NG, originally granted on 02/17/2021.

The major change filed under this application is:

Change #1: Additional Chassis added, Product name: Laptop ,Model number: RC57

Change #2: Reduce the Output Power through firmware, and SAR measurement were evaluated.

(Only reduce Wi-Fi Output Power, Bluetooth Output Power haven't changes).

Change #3: Addition one antennas, the antenna type is same, the antenna gain is higher than the original application.

Test Mode (2.4GHz)	Mode 1 SISO A: Transmit (802.11b_1Mbps) Mode 2 SISO A: Transmit (802.11g_6Mbps) Mode 3 SISO A: Transmit (802.11n-20BW_7.2Mbps) Mode 4 SISO A: Transmit (802.11n-40BW_15Mbps) Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps) Mode 7 SISO B: Transmit (802.11b_1Mbps) Mode 8 SISO B: Transmit (802.11g_6Mbps) Mode 9 SISO B: Transmit (802.11n-20BW_7.2Mbps) Mode 10 SISO B: Transmit (802.11n-40BW_15Mbps) Mode 11 SISO B: Transmit (802.11ax-20BW_8.6Mbps) Mode 12 SISO B: Transmit (802.11ax-40BW_17.2Mbps) Mode 13 MIMO: Transmit (802.11n-20BW_14.4Mbps) Mode 14 MIMO: Transmit (802.11n-40BW_30Mbps) Mode 15 MIMO: Transmit (802.11ax-20BW_17.2Mbps) Mode 16 MIMO: Transmit (802.11ax-40BW_34.4Mbps)
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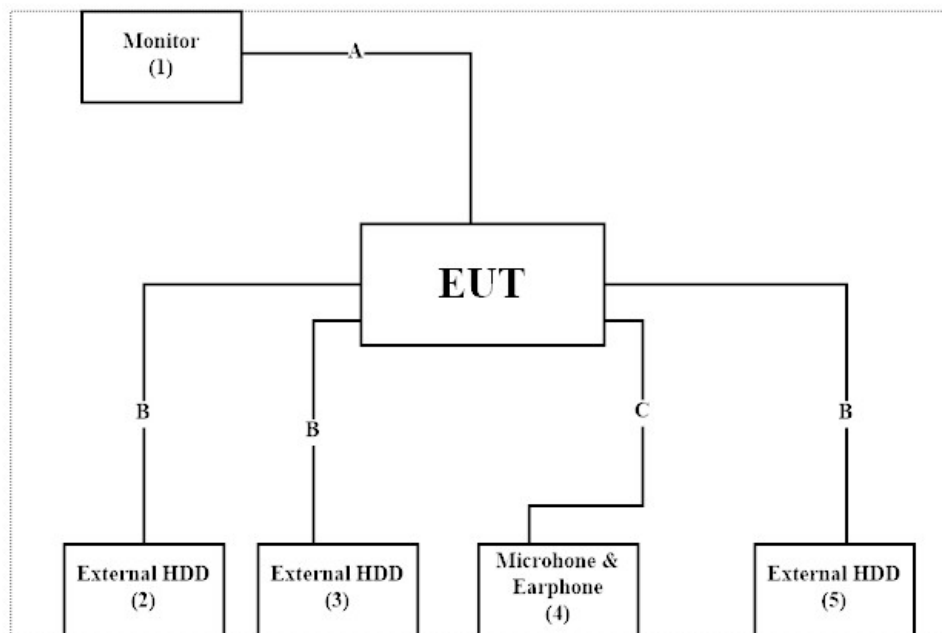
1.2. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Monitor	ASUS	VS229HA	F4LMQS135395	Non-shielded, 1.8m
2	External HDD	Transcend	TS1TSJ25H3B	F21786-0005	N/A
3	External HDD	Transcend	TS1TSJ25H3B	F21786-0125	N/A
4	Microphone & Earphone	Verbatim	C09024VB	N/A	N/A
5	External HDD	Transcend	TS1TSJ25MC	F30467-0011	N/A

Signal Cable Type	Signal cable Description
A HDMI Cable	Shielded, 1.8m
B USB Cable	Shielded, 0.5m
C Microphone & Earphone Cable	Non-shielded, 1.2m

1.3. Configuration of Tested System



1.4. EUT Exercise Software

1. Setup the EUT as shown in Section 1.3.
2. Execute software "DRTU Ver 22.21060.0-12219" on the EUT.
3. Configure the test mode, the test channel, and the data rate.
4. Press "OK" to start the continuous Transmit.
5. Verify that the EUT works properly.

1.5. Test Facility

Ambient conditions in the laboratory:

Performed Item	Items	Required	Actual
Radiated Emission	Temperature (°C)	10~40 °C	22.0°C
	Humidity (%RH)	10~90 %	63.0 %
Conductive	Temperature (°C)	10~40 °C	23.6 °C
	Humidity (%RH)	10~90 %	50.8%

USA : FCC Registration Number: TW0033

Canada : IC Registration Number: 26930

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No. 26, Huaya 1st Rd., Guishan Dist.,
Taoyuan City 333411, Taiwan, R.O.C.
Phone number : 886-3-275-7255
Fax number : 866-3-327-5505
Email address : info.tw@dekra.com
Website : <http://www.dekra.com.tw>

1.6. List of Test Item and Equipment

For Conduction measurements /SH1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
	EMI Test Receiver	R&S	ESR7	102260	2020.12.28	2021.12.27
	Two-Line V-Network	R&S	ENV216	101306	2021.04.08	2022.04.07
	Two-Line V-Network	R&S	ENV216	101307	2021.05.04	2022.05.03
	Coaxial Cable	DEKRA	RG400_BNC	RF001	2021.05.24	2022.05.23

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : AUDIX e3 V9.

For Conducted measurements /SH2

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSV30	103464	2021.03.25	2022.03.24
X	Power Meter	Anritsu	ML2496A	1548002	2021.02.24	2022.02.23
X	Power Sensor	Anritsu	MA2411B	1531023	2021.02.24	2022.02.23
X	Power Sensor	Anritsu	MA2411B	1531022	2021.02.24	2022.02.23

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : DEKRA Conduction Test System V9.0.5.

For Radiated measurements /966-1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
	Loop Antenna	AMETEK	HLA6121	56736	2021.04.14	2022.04.13
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-953	2021.01.29	2022.01.28
X	Horn Antenna	ETS-Lindgren	3117	00203799	2020.12.22	2021.12.21
	Horn Antenna	Com-Power	AH-840	101087	2021.06.16	2022.06.15
X	Pre-Amplifier	EMCI	EMC001330	980302	2021.07.06	2022.07.05
X	Pre-Amplifier	EMCI	EMC051835SE	980312	2021.02.24	2022.02.23
	Pre-Amplifier	EMCI	EMC05820SE	980361	2020.12.21	2021.12.20
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2021.06.24	2022.06.23
	Filter	MICRO TRONICS	BRM50702	G251	2021.09.16	2022.09.15
X	Filter	MICRO TRONICS	BRM50716	G188	2021.09.16	2022.09.15
X	EMI Test Receiver	R&S	ESR	102793	2020.12.17	2021.12.16
X	Spectrum Analyzer	R&S	FSV3044	101114	2021.02.04	2022.02.03
X	Coaxial Cable	SGH	HA800 , SGH18	HY2105-002C	2021.03.03	2022.03.02
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2021.06.25	2022.06.24

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : AUDIX e3 V9.

1.7. Uncertainty

Uncertainties have been calculated according to the DEKRA internal document, and is described in each test chapter of this report.

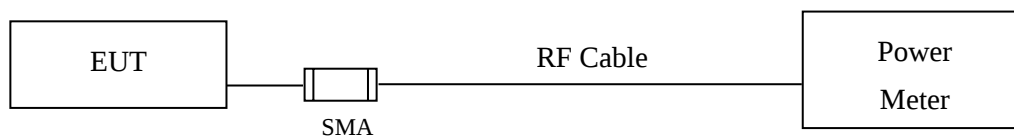
The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test item	Uncertainty	
Peak Power Output	Power Meter ± 0.91 dB	
Radiated Emission	Under 1GHz ± 4.06 dB	Above 1GHz ± 3.73 dB
Band Edge	± 2.53 dB	
Duty Cycle	± 2.31 ms	

2. Peak Power Output

2.1. Test Setup



2.2. Limits

The maximum peak power shall be less 1 Watt.

2.3. Test Procedure

The EUT was tested according to C63.10:2013 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using C63.10:2013 Section 11.9.1.3 PKPM1 Peak power meter method. The maximum average conducted output power using C63.10:2013 Section 11.9.2.3 Measurement using a power meter (PM). (Measurement using a gated RF average-reading power meter).

2.4. Test Result of Peak Power Output

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 1 SISO A: Transmit (802.11b_1Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11	1		
		Measurement Level (dBm)						
01	2412	20.46	--	--	--	22.37	<30dBm	Pass
07	2442	20.76	20.71	20.65	20.6	22.71	<30dBm	Pass
11	2462	20.49	--	--	--	22.47	<30dBm	Pass
12	2467	18.45	--	--	--	20.48	<30dBm	Pass
13	2472	15.38	--	--	--	17.44	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 2 SISO A: Transmit (802.11g_6Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	18.82	--	--	--	--	--	--	--	22.95	<30dBm	Pass
07	2442	20.65	20.60	20.50	20.43	20.39	20.35	20.30	20.25	23.96	<30dBm	Pass
11	2462	18.46	--	--	--	--	--	--	--	22.65	<30dBm	Pass
12	2467	15.27	--	--	--	--	--	--	--	19.66	<30dBm	Pass
13	2472	11.51	--	--	--	--	--	--	--	16.71	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW_7.2Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
01	2412	18.11	--	--	--	--	--	--	--	22.47	<30dBm	Pass
07	2442	20.51	20.45	20.38	20.32	20.28	20.24	20.20	20.15	24.02	<30dBm	Pass
11	2462	17.71	--	--	--	--	--	--	--	22.01	<30dBm	Pass
12	2467	15.03	--	--	--	--	--	--	--	19.62	<30dBm	Pass
13	2472	11.51	--	--	--	--	--	--	--	16.95	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW_15Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
03	2422	16.05	--	--	--	--	--	--	--	21.47	<30dBm	Pass
07	2442	16.95	16.89	16.84	16.80	16.75	16.71	16.66	16.62	22.46	<30dBm	Pass
09	2452	15.74	--	--	--	--	--	--	--	21.33	<30dBm	Pass
10	2457	10.77	--	--	--	--	--	--	--	16.62	<30dBm	Pass
11	2462	10.66	--	--	--	--	--	--	--	16.56	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps)

RU config: Full

Channel No	Frequency (MHz)	Peak Power Output (dBm)															Required Limit	Result
		Average Power												Peak Power				
		For different Data Rate																
MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0						
01	2412	17.51	--	--	--	--	--	--	--	--	--	--	21.96	<30dBm	Pass			
07	2442	20.49	20.45	20.39	20.35	20.27	20.22	20.18	20.14	20.08	20.02	19.95	19.90	24.04	<30dBm	Pass		
11	2462	17.45	--	--	--	--	--	--	--	--	--	--	21.96	<30dBm	Pass			
12	2467	15.12	--	--	--	--	--	--	--	--	--	--	19.83	<30dBm	Pass			
13	2472	11.69	--	--	--	--	--	--	--	--	--	--	17.41	<30dBm	Pass			

RU config: Other

Frequency (MHz)	RU setting	Peak Power Output (dBm)															Result
		Average Power													Peak Power	Required Limit	
		For different Data Rate															
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0			
2412	26/0	19.22	--	--	--	--	--	--	--	--	--	--	--	23.39	<30dBm	Pass	
	52/37	19.31	19.28	19.23	19.19	19.12	19.07	19.03	18.97	18.92	18.89	18.86	18.80	22.88	<30dBm	Pass	
	106/53	19.45	--	--	--	--	--	--	--	--	--	--	--	22.92	<30dBm	Pass	
2472	26/8	8.95	--	--	--	--	--	--	--	--	--	--	--	16.79	<30dBm	Pass	
	52/40	8.97	8.93	8.86	8.80	8.76	8.71	8.67	8.62	8.58	8.51	8.48	8.42	17.49	<30dBm	Pass	
	106/54	8.95	--	--	--	--	--	--	--	--	--	--	--	17.16	<30dBm	Pass	

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps)

RU config: Full

Channel No	Frequency (MHz)	Peak Power Output (dBm)															Result
		Average Power												Peak Power	Required Limit		
		For different Data Rate															
MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0					
03	2422	15.51	--	--	--	--	--	--	--	--	--	--	20.92	<30dBm	Pass		
07	2442	16.44	16.40	16.35	16.27	16.17	16.11	16.04	15.98	15.94	15.90	15.84	15.80	21.98	<30dBm	Pass	
09	2452	15.61	--	--	--	--	--	--	--	--	--	--	21.16	<30dBm	Pass		
10	2457	10.82	--	--	--	--	--	--	--	--	--	--	16.55	<30dBm	Pass		
11	2462	10.74	--	--	--	--	--	--	--	--	--	--	17.07	<30dBm	Pass		

RU config: Other

Frequency (MHz)	RU setting	Peak Power Output (dBm)														Peak Power	Required Limit	Result
		Average Power																
		For different Data Rate																
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0				
2422	242/61	17.86	17.82	17.76	17.70	17.64	17.59	17.55	17.49	17.42	17.37	17.33	17.29	22.13	<30dBm	Pass		
2462	242/62	8.71	8.67	8.63	8.59	8.54	8.49	8.46	8.39	8.33	8.28	8.25	8.22	17.46	<30dBm	Pass		

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 7 SISO B: Transmit (802.11b_1Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11	1		
		Measurement Level (dBm)						
01	2412	20.42	--	--	--	22.41	<30dBm	Pass
07	2442	20.48	20.44	20.4	20.34	22.5	<30dBm	Pass
11	2462	20.59	--	--	--	22.61	<30dBm	Pass
12	2467	18.51	--	--	--	20.54	<30dBm	Pass
13	2472	15.05	--	--	--	17.12	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 8 SISO B: Transmit (802.11g_6Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	19.07	--	--	--	--	--	--	--	23.04	<30dBm	Pass
07	2442	20.32	20.28	20.24	20.20	20.14	20.08	20.04	20.00	23.82	<30dBm	Pass
11	2462	18.42	--	--	--	--	--	--	--	22.56	<30dBm	Pass
12	2467	15.29	--	--	--	--	--	--	--	19.63	<30dBm	Pass
13	2472	11.67	--	--	--	--	--	--	--	16.79	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 9 SISO B: Transmit (802.11n-20BW_7.2Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
01	2412	18.27	--	--	--	--	--	--	--	22.62	<30dBm	Pass
07	2442	20.76	20.69	20.62	20.58	20.52	20.47	20.42	20.38	24.14	<30dBm	Pass
11	2462	17.81	--	--	--	--	--	--	--	22.21	<30dBm	Pass
12	2467	15.19	--	--	--	--	--	--	--	19.65	<30dBm	Pass
13	2472	11.44	--	--	--	--	--	--	--	16.75	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 10 SISO B: Transmit (802.11n-40BW_15Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7			
		Measurement Level (dBm)										
03	2422	16.13	--	--	--	--	--	--	--	21.51	<30dBm	Pass
07	2442	17.12	17.06	17.02	16.98	16.92	16.88	16.84	16.80	22.49	<30dBm	Pass
09	2452	15.65	--	--	--	--	--	--	--	21.15	<30dBm	Pass
10	2457	10.73	--	--	--	--	--	--	--	16.51	<30dBm	Pass
11	2462	10.81	--	--	--	--	--	--	--	16.67	<30dBm	Pass

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 11 SISO B: Transmit (802.11ax-20BW_8.6Mbps)

RU config: Full

Channel No	Frequency (MHz)	Peak Power Output (dBm)															Required Limit	Result
		Average Power												Peak Power				
		For different Data Rate																
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0				
01	2412	17.67	--	--	--	--	--	--	--	--	--	--	--	22.04	<30dBm	Pass		
07	2442	20.36	20.29	20.24	20.20	20.16	20.10	20.04	19.97	19.92	19.88	19.84	19.80	24.05	<30dBm	Pass		
11	2462	17.41	--	--	--	--	--	--	--	--	--	--	--	21.96	<30dBm	Pass		
12	2467	15.09	--	--	--	--	--	--	--	--	--	--	--	19.56	<30dBm	Pass		
13	2472	11.67	--	--	--	--	--	--	--	--	--	--	--	17.23	<30dBm	Pass		

RU config: Other

Frequency (MHz)	RU setting	Peak Power Output (dBm)															Result
		Average Power													Peak Power	Required Limit	
		For different Data Rate															
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0			
2412	26/0	19.05	--	--	--	--	--	--	--	--	--	--	--	22.34	<30dBm	Pass	
	52/37	19.35	19.30	19.26	19.22	19.16	19.10	19.07	19.03	18.99	18.93	18.87	18.81	22.89	<30dBm	Pass	
	106/53	19.34	--	--	--	--	--	--	--	--	--	--	--	22.85	<30dBm	Pass	
2472	26/8	8.89	--	--	--	--	--	--	--	--	--	--	--	17.14	<30dBm	Pass	
	52/40	8.97	8.94	8.89	8.84	8.80	8.75	8.68	8.62	8.56	8.52	8.45	8.38	17.65	<30dBm	Pass	
	106/54	8.92	--	--	--	--	--	--	--	--	--	--	--	17.51	<30dBm	Pass	

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 12 SISO B: Transmit (802.11ax-40BW_17.2Mbps)

RU config: Full

Channel No	Frequency (MHz)	Peak Power Output (dBm)															Required Limit	Result
		Average Power												Peak Power				
		For different Data Rate																
MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0						
03	2422	15.94	--	--	--	--	--	--	--	--	--	--	21.53	<30dBm	Pass			
07	2442	16.45	16.39	16.33	16.27	16.17	16.10	16.04	15.98	15.94	15.90	15.84	15.80	21.87	<30dBm	Pass		
09	2452	15.55	--	--	--	--	--	--	--	--	--	--	21.01	<30dBm	Pass			
10	2457	10.77	--	--	--	--	--	--	--	--	--	--	16.41	<30dBm	Pass			
11	2462	10.65	--	--	--	--	--	--	--	--	--	--	16.71	<30dBm	Pass			

RU config: Other

Frequency (MHz)	RU setting	Peak Power Output (dBm)														Peak Power	Required Limit	Result
		Average Power																
		For different Data Rate																
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0				
2422	242/61	17.85	17.79	17.72	17.69	17.63	17.59	17.53	17.49	17.45	17.40	17.35	17.30	22.53	<30dBm	Pass		
2462	242/62	8.82	8.76	8.69	8.62	8.57	8.53	8.50	8.46	8.41	8.38	8.32	8.25	17.49	<30dBm	Pass		

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 13 MIMO: Transmit (802.11n-20BW_14.4Mbps)

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
01	2412	15.85	--	--	--	--	--	--	--	20.23	<30dBm	Pass
07	2442	20.29	20.20	20.15	20.11	20.05	20.00	19.95	19.90	23.81	<30dBm	Pass
11	2462	16.57	--	--	--	--	--	--	--	20.95	<30dBm	Pass
12	2467	11.81	--	--	--	--	--	--	--	16.4	<30dBm	Pass
13	2472	9.15	--	--	--	--	--	--	--	14.46	<30dBm	Pass

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
01	2412	15.92	--	--	--	--	--	--	--	20.54	<30dBm	Pass
07	2442	20.55	20.50	20.46	20.38	20.32	20.25	20.16	20.11	23.92	<30dBm	Pass
11	2462	16.56	--	--	--	--	--	--	--	20.92	<30dBm	Pass
12	2467	11.65	--	--	--	--	--	--	--	16.16	<30dBm	Pass
13	2472	9.49	--	--	--	--	--	--	--	14.72	<30dBm	Pass

Chain A+B

Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Peak Power Output (dBm)	Limit (dBm)	Result
01	2412	HT8	20.23	20.54	23.40	<30dBm	Pass
07	2442	HT8	23.81	23.92	26.88	<30dBm	Pass
11	2462	HT8	20.95	20.92	23.95	<30dBm	Pass
12	2467	HT8	16.40	16.16	19.29	<30dBm	Pass
13	2472	HT8	14.46	14.72	17.60	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 14 MIMO: Transmit (802.11n-40BW_30Mbps)

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
03	2422	15.43	--	--	--	--	--	--	--	21.05	<30dBm	Pass
07	2442	15.51	15.45	15.40	15.34	15.30	15.26	15.22	15.18	20.98	<30dBm	Pass
09	2452	14.36	--	--	--	--	--	--	--	19.91	<30dBm	Pass
10	2457	8.14	--	--	--	--	--	--	--	13.44	<30dBm	Pass
11	2462	9.21	--	--	--	--	--	--	--	15.19	<30dBm	Pass

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
03	2422	15.16	--	--	--	--	--	--	--	20.74	<30dBm	Pass
07	2442	15.41	15.37	15.32	15.28	15.24	15.20	15.15	15.10	20.77	<30dBm	Pass
09	2452	14.22	--	--	--	--	--	--	--	19.86	<30dBm	Pass
10	2457	8.08	--	--	--	--	--	--	--	13.48	<30dBm	Pass
11	2462	9.11	--	--	--	--	--	--	--	14.95	<30dBm	Pass

Chain A+B

Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Peak Power Output (dBm)	Limit (dBm)	Result
03	2422	HT8	21.05	20.74	23.91	<30dBm	Pass
07	2442	HT8	20.98	20.77	23.89	<30dBm	Pass
09	2452	HT8	19.91	19.86	22.90	<30dBm	Pass
10	2457	HT8	13.44	13.48	16.47	<30dBm	Pass
11	2462	HT8	15.19	14.95	18.08	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 15 MIMO: Transmit (802.11ax-20BW_17.2Mbps)

RU config: Full Chain A

Channel No	Frequency (MHz)	Peak Power Output (dBm)															Peak Power	Required Limit	Result
		Average Power																	
		For different Data Rate																	
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0					
01	2412	15.95	--	--	--	--	--	--	--	--	--	--	--	20.34	<30dBm	Pass			
07	2442	20.28	20.24	20.20	20.15	20.10	20.05	19.98	19.94	19.90	19.84	19.80	19.74	23.78	<30dBm	Pass			
11	2462	16.04	--	--	--	--	--	--	--	--	--	--	--	20.67	<30dBm	Pass			
12	2467	12.42	--	--	--	--	--	--	--	--	--	--	--	16.95	<30dBm	Pass			
13	2472	9.34	--	--	--	--	--	--	--	--	--	--	--	14.95	<30dBm	Pass			

RU config: Full Chain B

Channel No	Frequency (MHz)	Peak Power Output (dBm)															
		Average Power												Peak Power	Required Limit	Result	
		For different Data Rate															
MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0					
01	2412	15.97	--	--	--	--	--	--	--	--	--	--	20.52	<30dBm	Pass		
07	2442	20.35	20.30	20.24	20.20	20.15	20.10	20.06	20.02	19.98	19.94	19.90	19.85	23.85	<30dBm	Pass	
11	2462	15.99	--	--	--	--	--	--	--	--	--	--	--	20.62	<30dBm	Pass	
12	2467	12.26	--	--	--	--	--	--	--	--	--	--	--	16.92	<30dBm	Pass	
13	2472	8.76	--	--	--	--	--	--	--	--	--	--	--	14.43	<30dBm	Pass	

RU config: Full Chain A+B

Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	MCS0	20.34	20.52	23.44	<30dBm	Pass
07	2442	MCS0	23.78	23.85	26.83	<30dBm	Pass
11	2462	MCS0	20.67	20.62	23.66	<30dBm	Pass
12	2467	MCS0	16.95	16.92	19.95	<30dBm	Pass
13	2472	MCS0	14.95	14.43	17.71	<30dBm	Pass

Note: Peak Power Output Value (dBm) = $10 \cdot \log_{10}(\text{Chain A (mW)} + \text{Chain B (mW)})$

RU config: Other Chain A

Frequency (MHz)	RU setting	Peak Power Output (dBm)															Peak Power	Required Limit	Result
		Average Power																	
		For different Data Rate																	
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0					
2412	26/0	18.49	--	--	--	--	--	--	--	--	--	--	--	21.69	<30dBm	Pass			
	52/37	18.72	18.66	18.60	18.54	18.49	18.46	18.40	18.33	18.29	18.25	18.20	18.13	22.46	<30dBm	Pass			
	106/53	18.75	--	--	--	--	--	--	--	--	--	--	--	22.35	<30dBm	Pass			
2472	26/8	7.21	--	--	--	--	--	--	--	--	--	--	--	15.57	<30dBm	Pass			
	52/40	7.55	7.51	7.44	7.37	7.31	7.25	7.20	7.13	7.07	7.02	6.97	6.91	16.27	<30dBm	Pass			
	106/54	7.69	--	--	--	--	--	--	--	--	--	--	--	16.35	<30dBm	Pass			

RU config: Other Chain B

Frequency (MHz)	RU setting	Peak Power Output (dBm)															Result
		Average Power													Peak Power	Required Limit	
		For different Data Rate															
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0			
2412	26/0	18.58	--	--	--	--	--	--	--	--	--	--	--	21.71	<30dBm	Pass	
	52/37	18.75	18.69	18.64	18.58	18.53	18.48	18.44	18.39	18.33	18.27	18.23	18.18	22.51	<30dBm	Pass	
	106/53	18.74	--	--	--	--	--	--	--	--	--	--	--	22.31	<30dBm	Pass	
2472	26/8	7.51	--	--	--	--	--	--	--	--	--	--	--	15.89	<30dBm	Pass	
	52/0	7.81	7.75	7.72	7.67	7.63	7.58	7.55	7.50	7.47	7.44	7.38	7.34	16.55	<30dBm	Pass	
	106/54	7.82	--	--	--	--	--	--	--	--	--	--	--	16.64	<30dBm	Pass	

RU config: Other Chain A+B

Channel	Frequency (MHz)	RU settin	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
1	2412	26/0	21.74	21.66	24.71	<30dBm	Pass
		52/37	22.10	21.93	25.03	<30dBm	Pass
		106/3	22.23	22.46	25.36	<30dBm	Pass
13	2472	26/8	-6.53	6.62	6.83	<30dBm	Pass
		52/40	7.25	7.35	10.31	<30dBm	Pass
		106/54	7.56	7.39	10.49	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : Intel® Wi-Fi 6E AX211
 Test Item : Peak Power Output
 Test Date : 2021/09/15
 Test Mode : Mode 16 MIMO: Transmit (802.11ax-40BW_34.4Mbps)

RU config: Full Chain A

Channel No	Frequency (MHz)	Peak Power Output (dBm)															Required Limit	Result
		Average Power													Peak Power			
		For different Data Rate																
MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0						
03	2422	15.06	--	--	--	--	--	--	--	--	--	--	20.59	<30dBm	Pass			
07	2442	15.12	15.08	15.04	15.00	14.96	14.92	14.88	14.82	14.75	14.70	14.66	14.62	20.76	<30dBm	Pass		
09	2452	15.18	--	--	--	--	--	--	--	--	--	--	20.62	<30dBm	Pass			
10	2457	9.51	--	--	--	--	--	--	--	--	--	--	15.14	<30dBm	Pass			
11	2462	9.38	--	--	--	--	--	--	--	--	--	--	15.53	<30dBm	Pass			

RU config: Full Chain B

Channel No	Frequency (MHz)	Peak Power Output (dBm)															Required Limit	Result
		Average Power													Peak Power			
		For different Data Rate																
MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0						
03	2422	15.01	--	--	--	--	--	--	--	--	--	--	20.44	<30dBm	Pass			
07	2442	15.19	15.15	15.08	15.04	14.98	14.92	14.88	14.84	14.80	14.75	14.71	14.67	20.79	<30dBm	Pass		
09	2452	14.17	--	--	--	--	--	--	--	--	--	--	--	19.71	<30dBm	Pass		
10	2457	9.31	--	--	--	--	--	--	--	--	--	--	--	14.95	<30dBm	Pass		
11	2462	9.45	--	--	--	--	--	--	--	--	--	--	--	15.65	<30dBm	Pass		

RU config: Full Chain A+B

Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	MCS0	20.59	20.44	23.53	<30dBm	Pass
07	2442	MCS0	20.76	20.79	23.79	<30dBm	Pass
09	2452	MCS0	20.62	19.71	23.20	<30dBm	Pass
10	2457	MCS0	15.14	14.95	18.06	<30dBm	Pass
11	2462	MCS0	15.53	15.65	18.60	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

RU config: Other Chain A

Frequency (MHz)	RU setting	Peak Power Output (dBm)														
		Average Power												Peak Power	Required Limit	Result
		For different Data Rate														
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0		
2422	242/61	16.99	--	--	--	--	--	--	--	--	--	--	--	21.55	<30dBm	Pass
2462	242/62	7.55	7.51	7.47	7.42	7.36	7.32	7.27	7.21	7.15	7.09	7.02	6.99	16.52	<30dBm	Pass

RU config: Other Chain B

Frequency (MHz)	RU setting	Peak Power Output (dBm)															Peak Power	Required Limit	Result
		Average Power																	
		For different Data Rate																	
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0					
2422	242/61	16.82	--	--	--	--	--	--	--	--	--	--	--	21.46	<30dBm	Pass			
2462	242/62	7.87	7.82	7.78	7.71	7.67	7.64	7.57	7.52	7.45	7.42	7.38	7.34	16.67	<30dBm	Pass			

RU config: Other Chain A+B

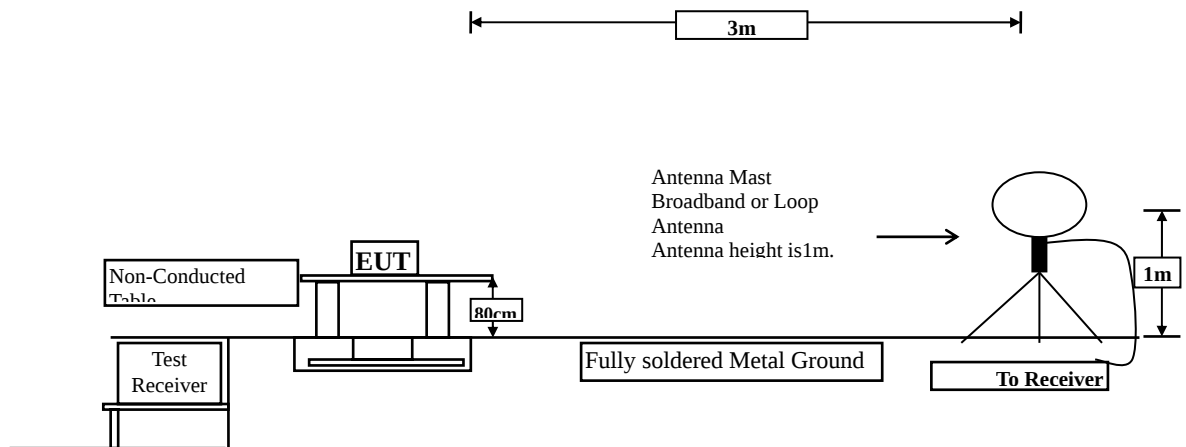
Channel	Frequency (MHz)	RU settin	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
3	2422	242-61	21.55	21.46	24.52	<30dBm	Pass
11	2462	242-62	16.52	16.67	19.61	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

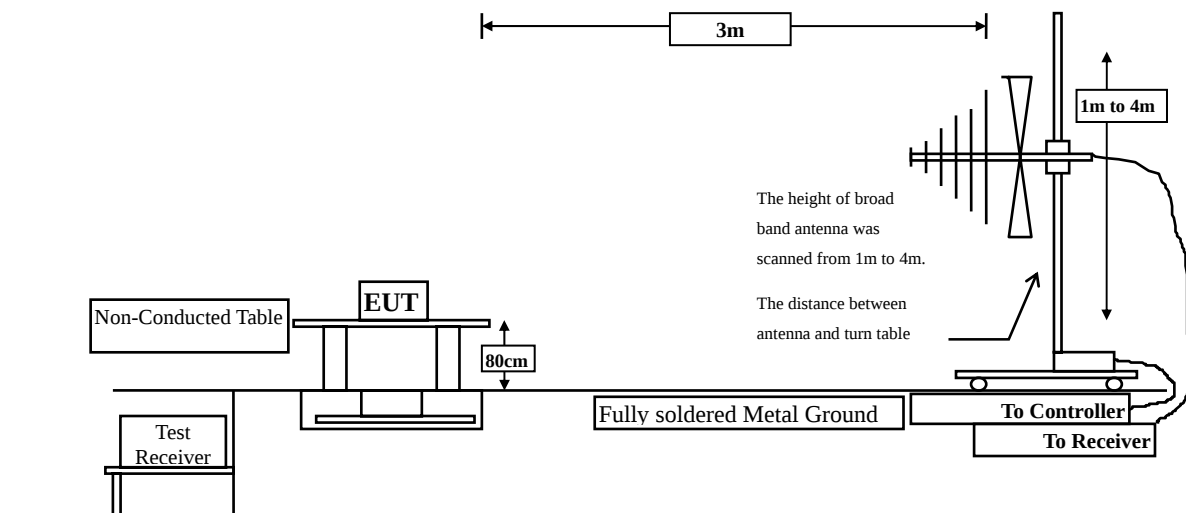
3. Radiated Emission

3.1. Test Setup

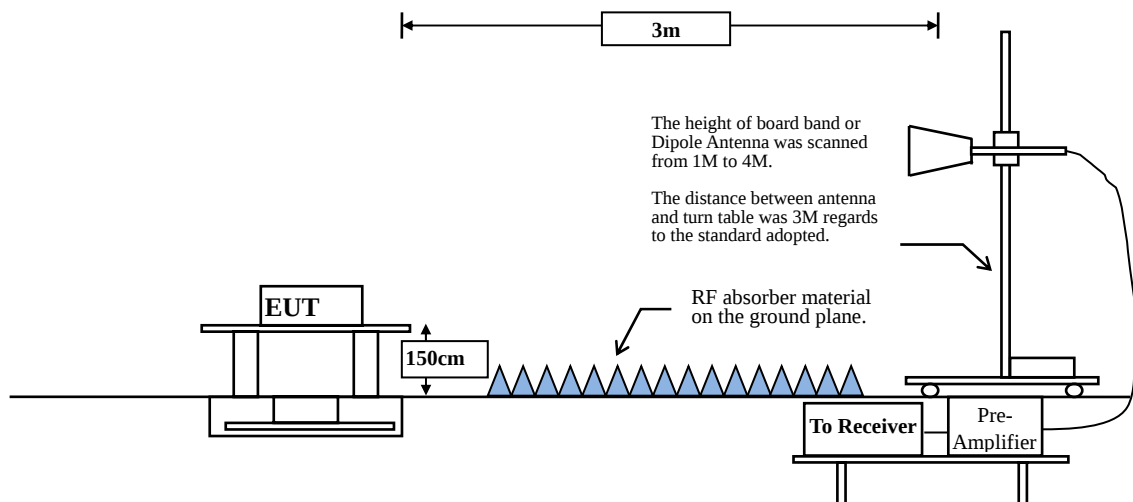
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



3.2. Limits

➤ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

- Remarks:
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
 2. In the Above Table, the tighter limit applies at the band edges.
 3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to C63.10:2013 Section 11.12.1 for compliance to FCC 47CFR 15.247 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna. The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak measurement procedure.

RBW = as specified in Table 1.

$VBW \geq 3 \times RBW$.

Table 1 —RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to C63.10 Section 11.12.2.5 Average measurement procedure.

RBW = 1MHz.

VBW = 10Hz, when duty cycle $\geq 98\%$

$VBW \geq 1/T$, when duty cycle $< 98\%$

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

SISO A

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.41	--	--	10
802.11 g	97.66	2.0850	480	500
802.11 n20	99.00	--	--	10
802.11 n40	98.75	--	--	10
802.11ax20	99.00	--	--	10
802.11 ax40	99.00	--	--	10
802.11 ax20-26/0-RU	98.10	--	--	10
802.11 ax20-52/37-RU	98.10	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

Note: Duty Cycle Refer to Section 5.

SISO B

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.05	--	--	10
802.11 g	97.66	2.0850	480	500
802.11 n20	98.76	--	--	10
802.11 n40	98.75	--	--	10
802.11ax20	98.75	--	--	10
802.11 ax40	98.75	--	--	10
802.11 ax20-26/0-RU	98.10	--	--	10
802.11 ax20-52/37-RU	98.10	--	--	10
802.11 ax20-106/53-RU	98.10	--	--	10
802.11 ax40-242/61-RU	98.10	--	--	10

Note: Duty Cycle Refer to Section 5.

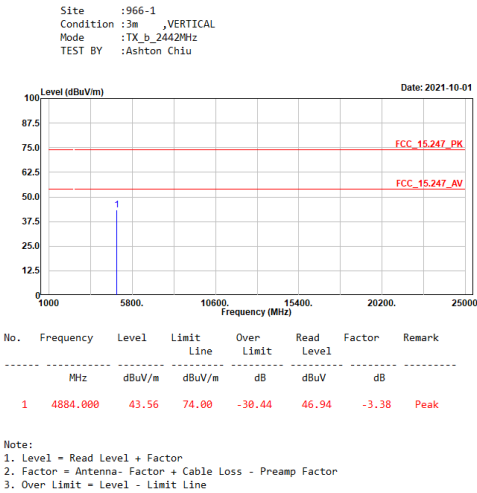
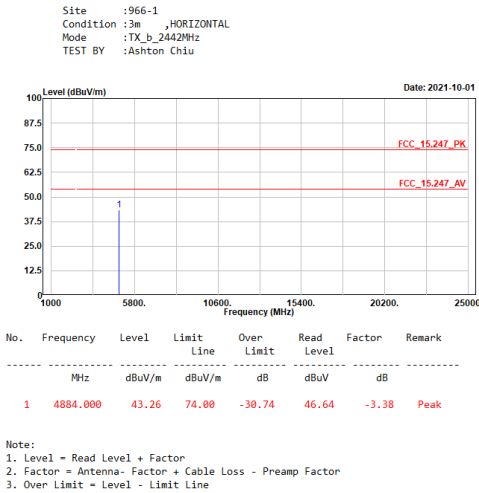
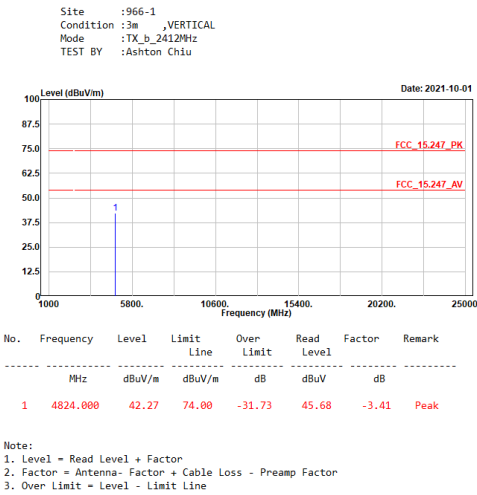
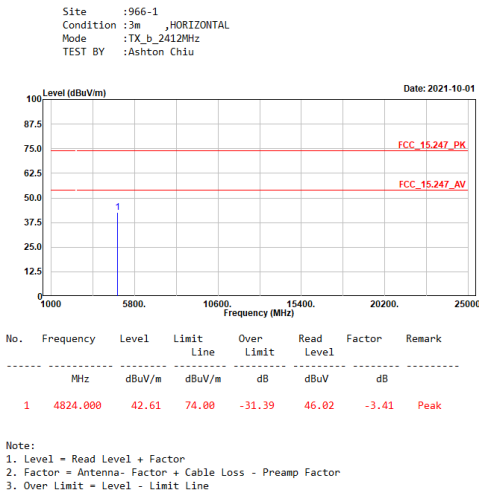
MIMO

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 n20	98.76	--	--	10
802.11 n40	98.76	--	--	10
802.11ax20	98.11	--	--	10
802.11 ax40	98.09	--	--	10
802.11 ax20-26/0-RU	98.11	--	--	10
802.11 ax20-52/37-RU	98.11	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

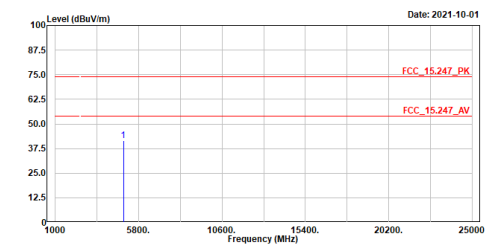
Note: Duty Cycle Refer to Section 5.

3.4. Test Result of Radiated Emission

SISO A



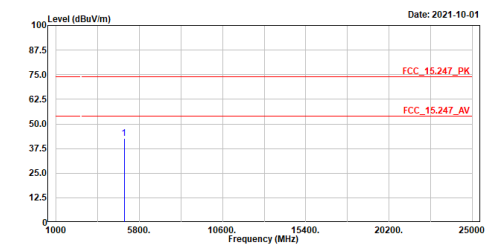
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	41.65	74.00	-32.35	44.94	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

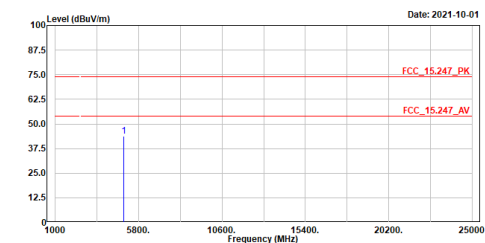
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	42.68	74.00	-31.32	45.97	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

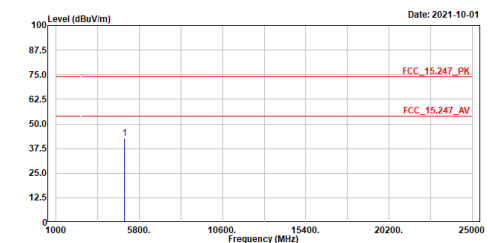
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	43.74	74.00	-30.26	46.99	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

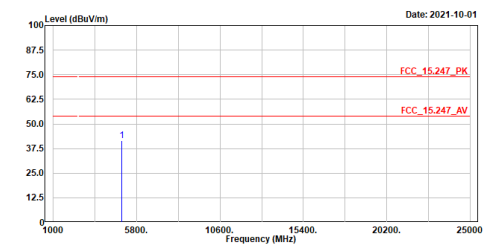
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	42.72	74.00	-31.28	45.97	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

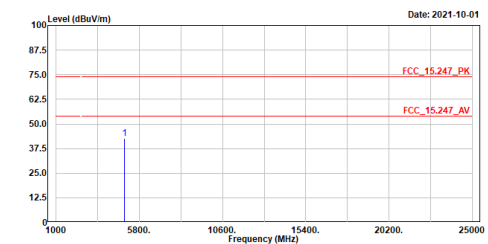
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	41.55	74.00	-32.45	44.76	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

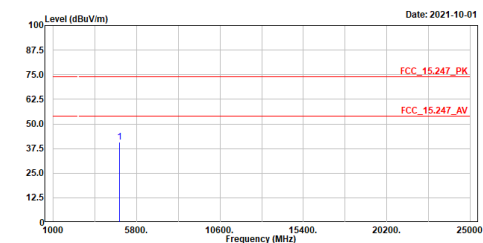
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	42.80	74.00	-31.20	46.01	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

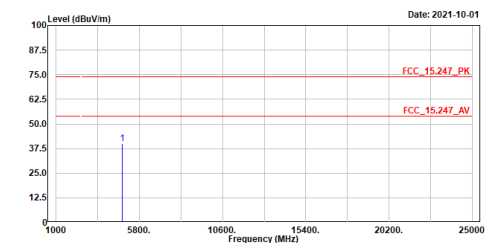
Site :966-1
Condition :3m ,Horizontal
Mode :TX_g_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	40.70	74.00	-33.30	44.11	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

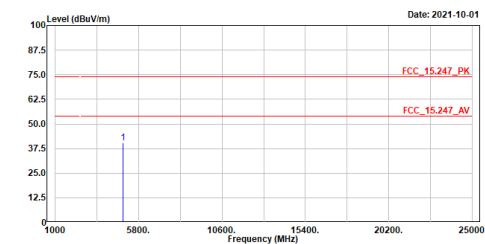
Site :966-1
Condition :3m ,Vertical
Mode :TX_g_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	40.01	74.00	-33.99	43.42	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

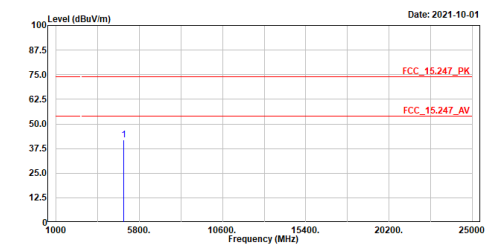
Site :966-1
Condition :3m ,Horizontal
Mode :TX_g_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4884.000	40.55	74.00	-33.45	43.93	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

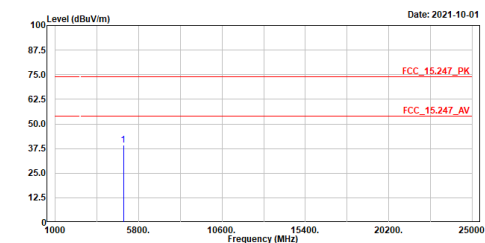
Site :966-1
Condition :3m ,Vertical
Mode :TX_g_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4884.000	41.72	74.00	-32.28	45.10	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

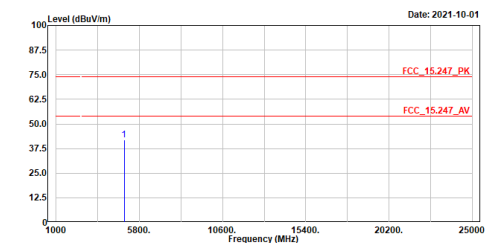
Site :966-1
Condition :3m ,Horizontal
Mode :TX_g_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4924.000	39.41	74.00	-34.59	42.70	-3.29	Peak

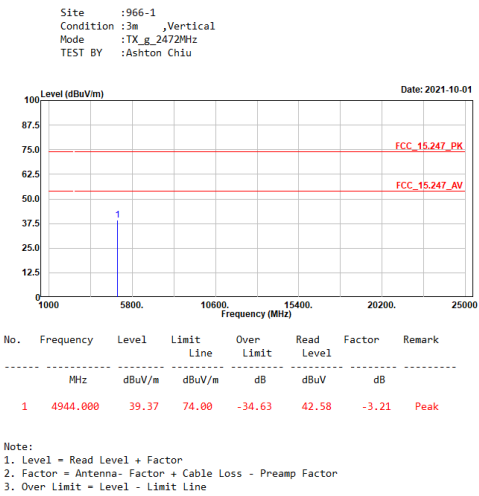
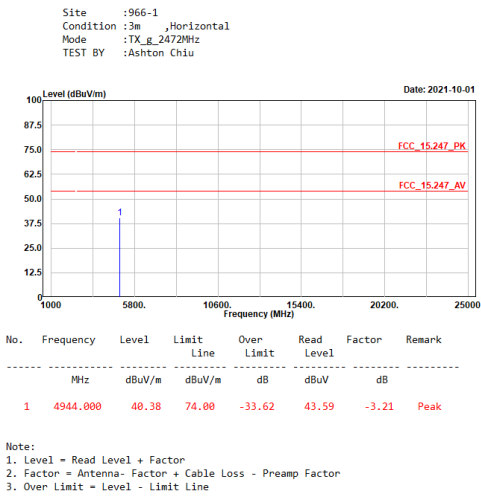
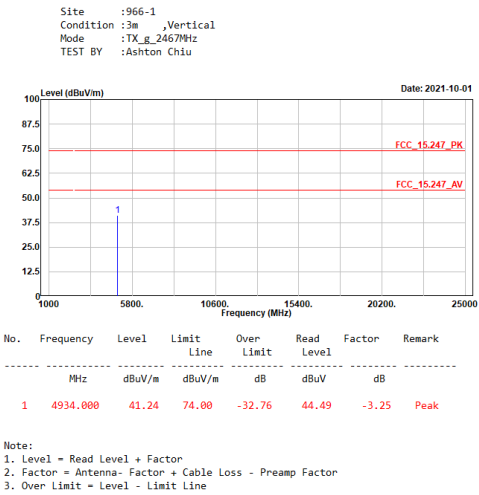
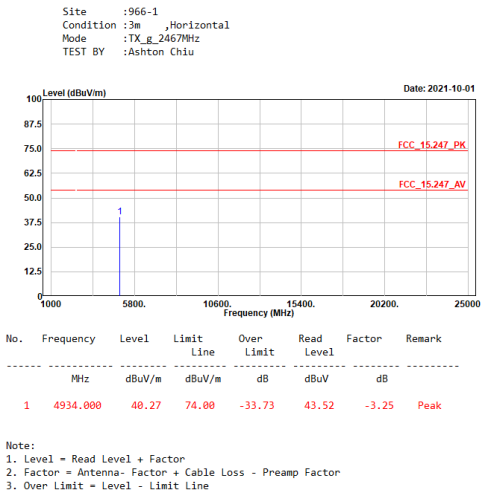
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_g_2462MHz
TEST BY :Ashton Chiu

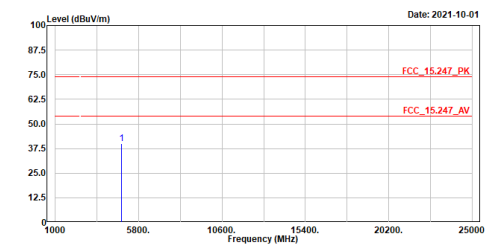


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4924.000	41.71	74.00	-32.29	45.00	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



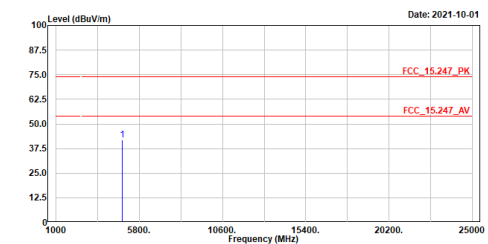
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.97	74.00	-34.03	43.38	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

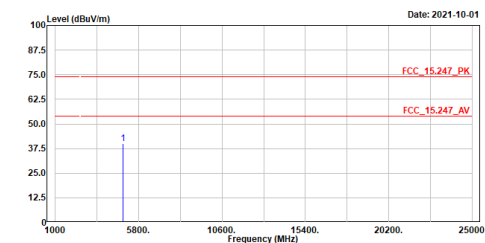
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	41.82	74.00	-32.18	45.23	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

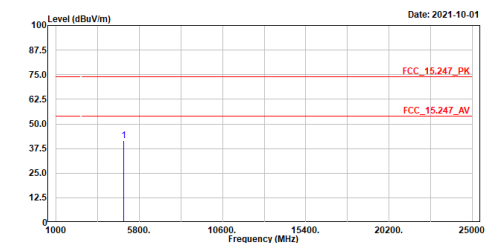
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	40.10	74.00	-33.90	43.48	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

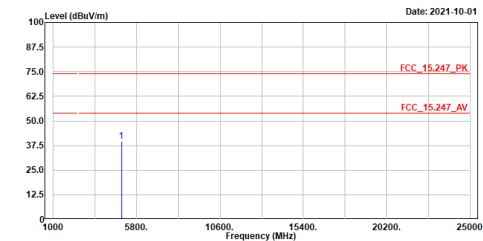
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	41.48	74.00	-32.52	44.86	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

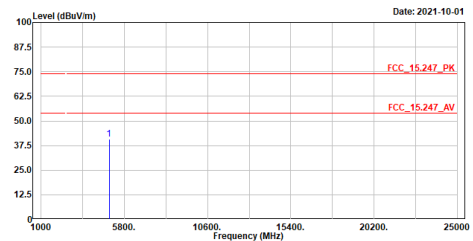
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.69	74.00	-34.31	42.98	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

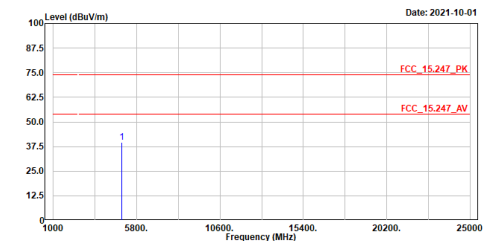
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	48.94	74.00	-33.06	44.23	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

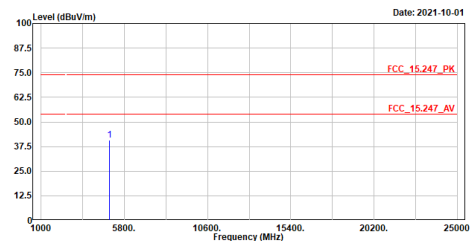
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.68	74.00	-34.32	42.93	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

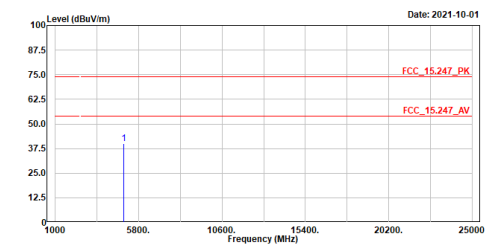
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	48.63	74.00	-33.37	43.88	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

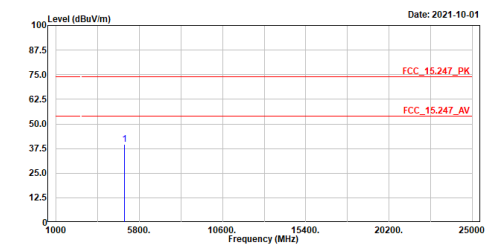
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	40.18	74.00	-33.82	43.39	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

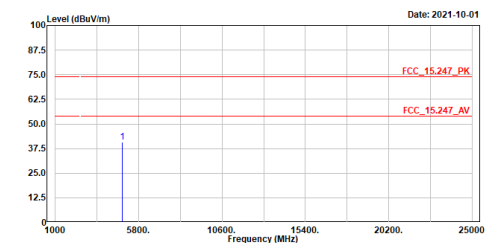
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.73	74.00	-34.27	42.94	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

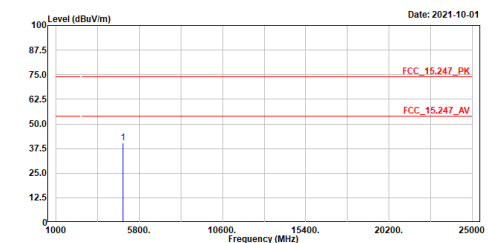
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n40_2422MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	40.89	74.00	-33.11	44.24	-3.35	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

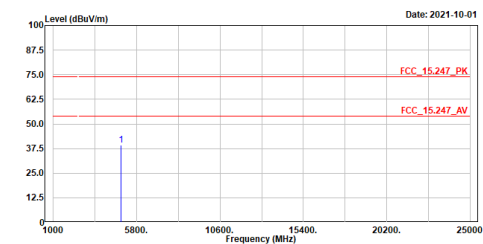
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n40_2422MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	40.47	74.00	-33.53	43.82	-3.35	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

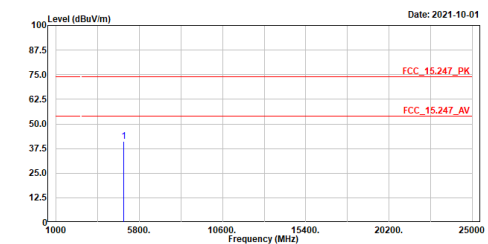
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.27	74.00	-34.73	42.65	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

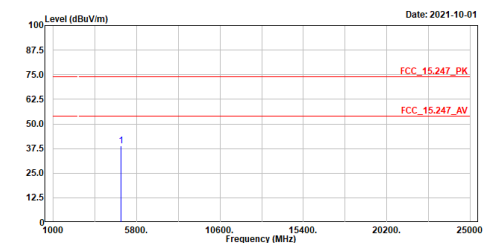
Site :966-1
Condition :3m ,Vertical
Mode :TX_n40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	41.13	74.00	-32.87	44.51	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

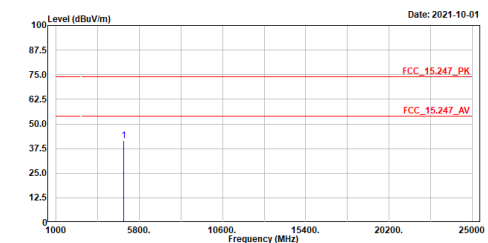
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	38.98	74.00	-35.02	42.36	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

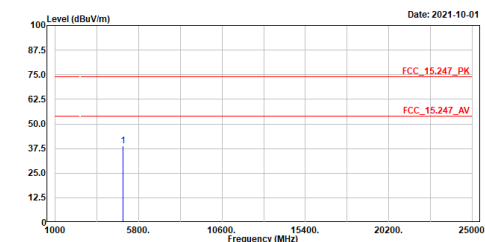
Site :966-1
Condition :3m ,Vertical
Mode :TX_n40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	41.52	74.00	-32.48	44.90	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

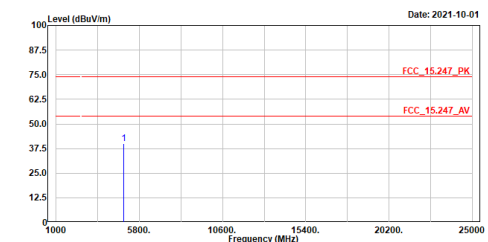
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	38.79	74.00	-35.21	42.12	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

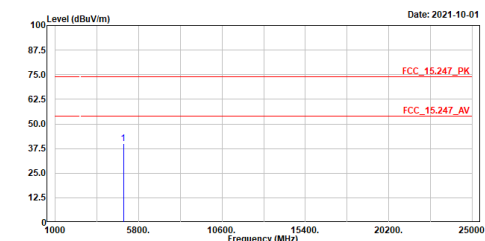
Site :966-1
Condition :3m ,Vertical
Mode :TX_n40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.82	74.00	-34.18	43.15	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

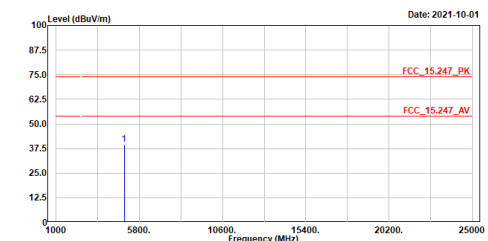
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n40_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.85	74.00	-34.15	43.14	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

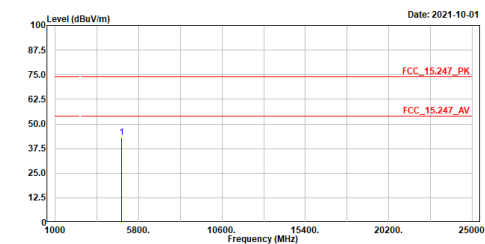
Site :966-1
Condition :3m ,Vertical
Mode :TX_n40_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.75	74.00	-34.25	43.04	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

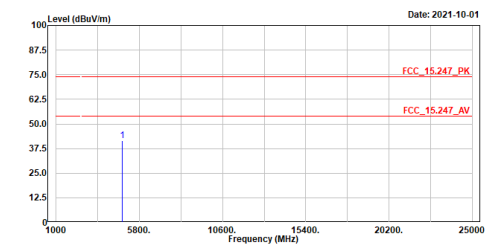
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	42.86	74.00	-31.14	46.27	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

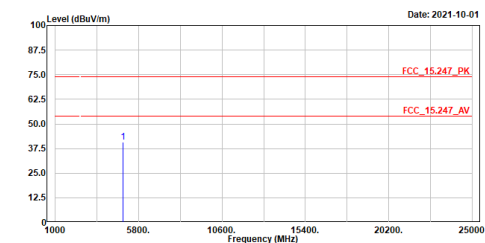
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	41.59	74.00	-32.41	45.00	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

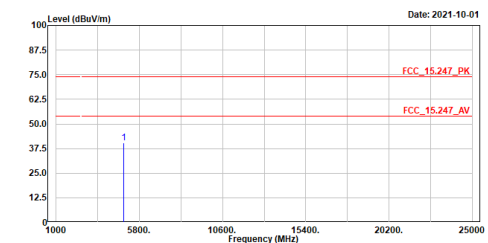
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	40.92	74.00	-33.08	44.30	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

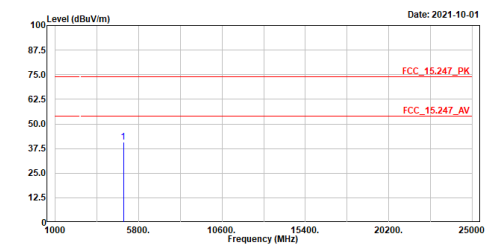
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	40.54	74.00	-33.46	43.92	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

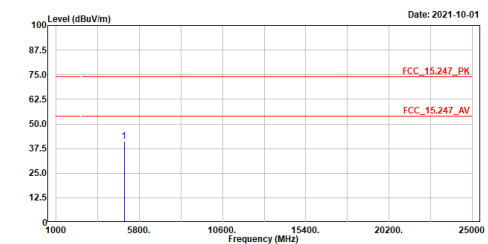
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	40.57	74.00	-33.43	43.86	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

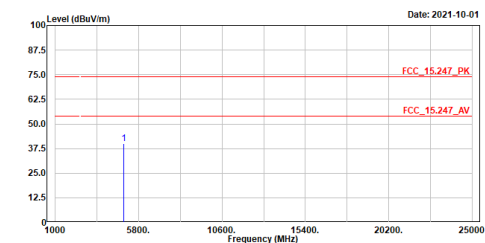
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	40.97	74.00	-33.03	44.26	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

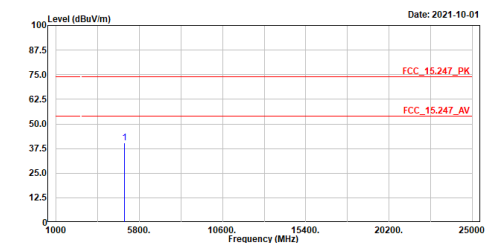
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	40.06	74.00	-33.94	43.31	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

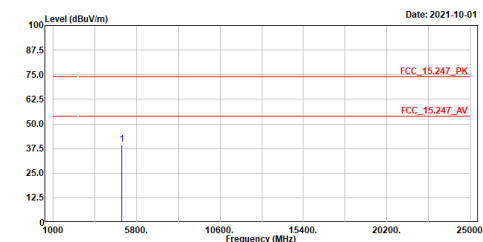
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	40.36	74.00	-33.64	43.61	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2472MHz
TEST BY :Ashton Chiu

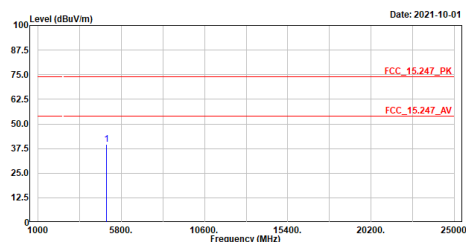


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.59	74.00	-34.41	42.80	-3.21	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2472MHz
TEST BY :Ashton Chiu

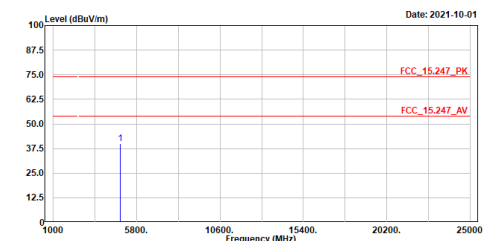


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.48	74.00	-34.52	42.69	-3.21	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_2422MHz
TEST BY :Ashton Chiu

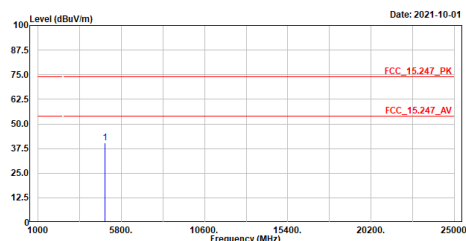


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	40.15	74.00	-33.85	43.50	-3.35	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_2422MHz
TEST BY :Ashton Chiu

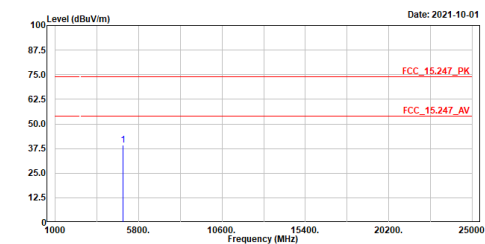


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	40.55	74.00	-33.45	43.90	-3.35	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

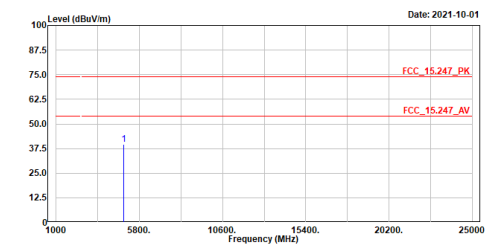
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.14	74.00	-34.86	42.52	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

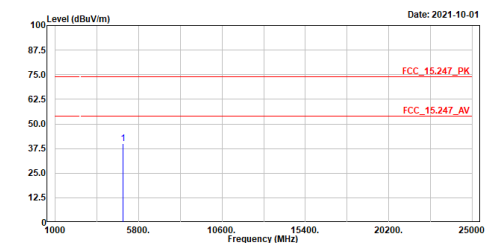
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.52	74.00	-34.48	42.90	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

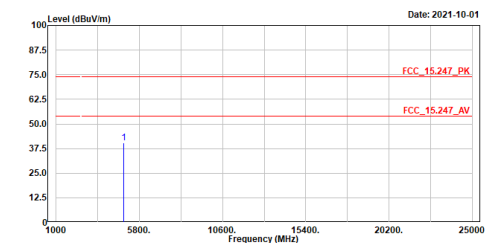
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	40.02	74.00	-33.98	43.40	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

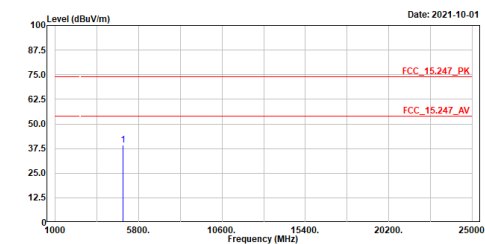
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	40.20	74.00	-33.80	43.58	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

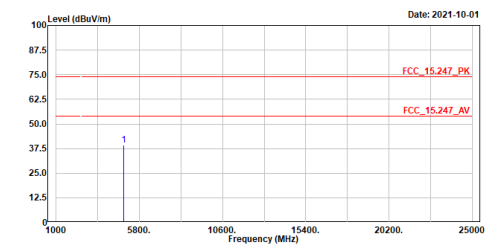
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.26	74.00	-34.74	42.59	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

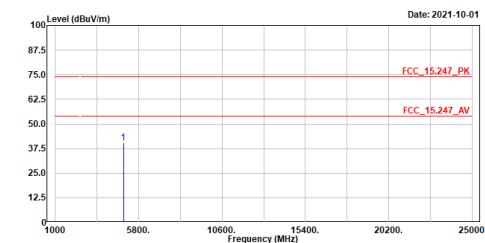
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.32	74.00	-34.68	42.65	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

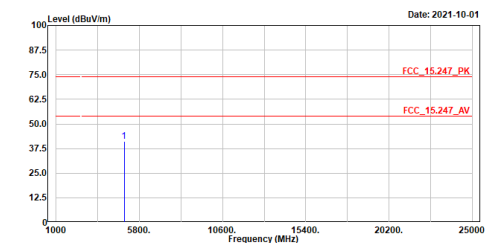
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	40.24	74.00	-33.76	43.53	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2462MHz
TEST BY :Ashton Chiu

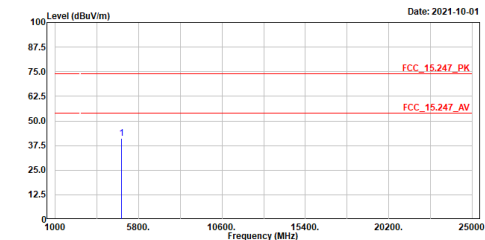


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	41.02	74.00	-32.98	44.31	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

SISO B

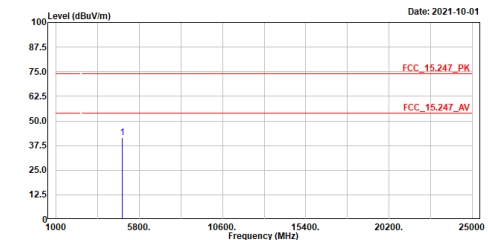
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	41.27	74.00	-32.73	44.68	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

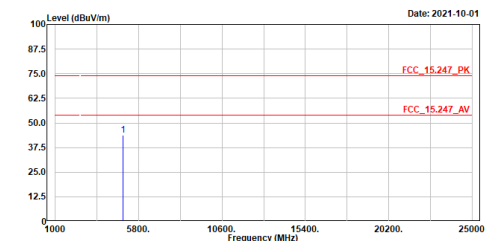
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	41.56	74.00	-32.44	44.97	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

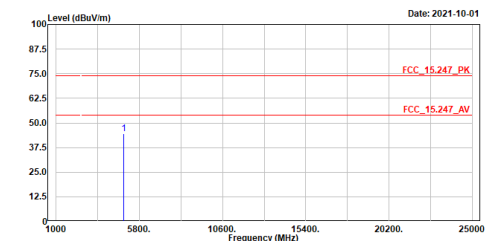
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	43.65	74.00	-30.35	47.03	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

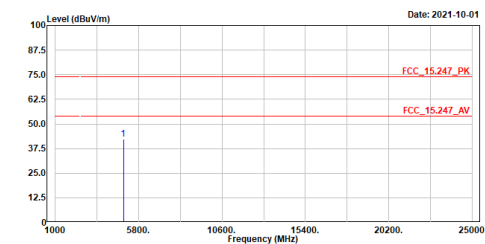
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	44.44	74.00	-29.56	47.82	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

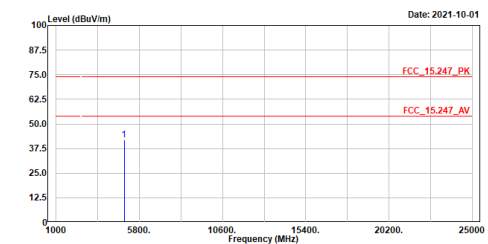
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	42.39	74.00	-31.61	45.68	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

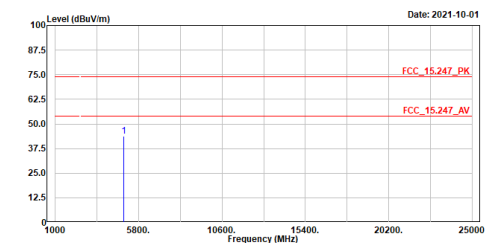
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	41.96	74.00	-32.04	45.25	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

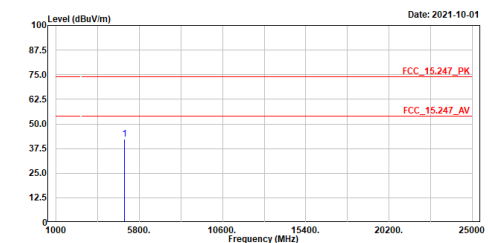
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	43.60	74.00	-30.40	46.85	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

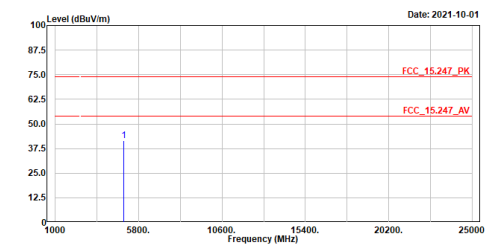
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	42.31	74.00	-31.69	45.56	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

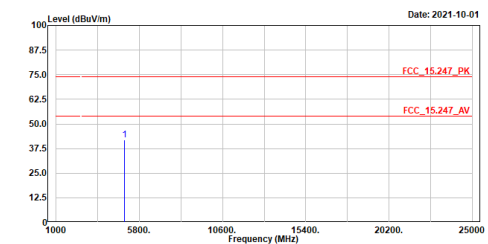
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_b_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	41.48	74.00	-32.52	44.69	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

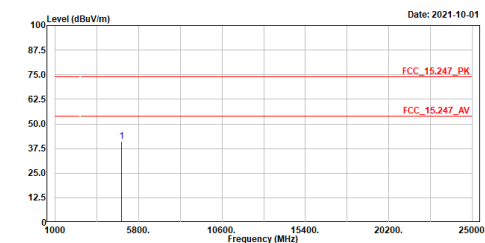
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_b_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	41.71	74.00	-32.29	44.92	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

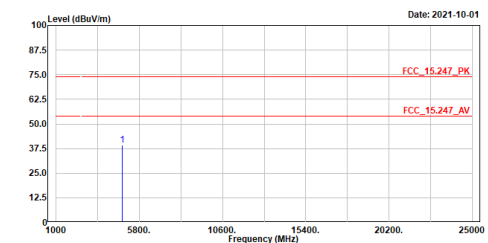
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_g_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	41.08	74.00	-32.92	44.49	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

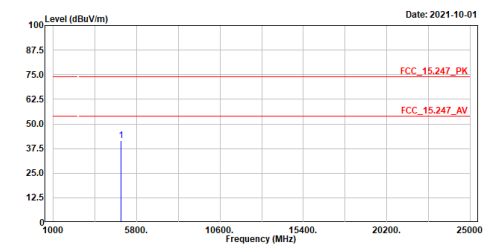
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_g_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.37	74.00	-34.63	42.78	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

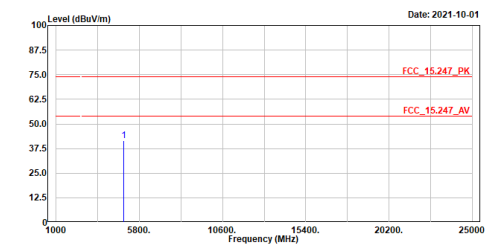
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_g_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	41.49	74.00	-32.51	44.87	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

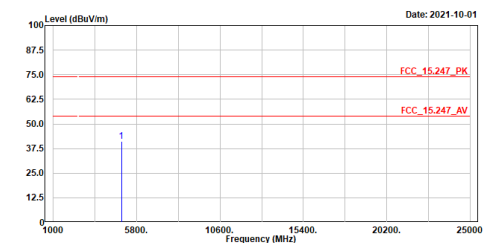
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_g_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	41.38	74.00	-32.62	44.76	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

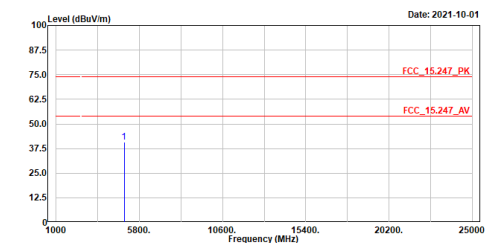
Site :966-1
Condition :3m ,Horizontal
Mode :TX_g_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	41.04	74.00	-32.96	44.33	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

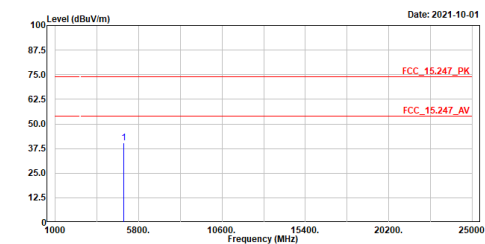
Site :966-1
Condition :3m ,Vertical
Mode :TX_g_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	40.57	74.00	-33.43	43.86	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

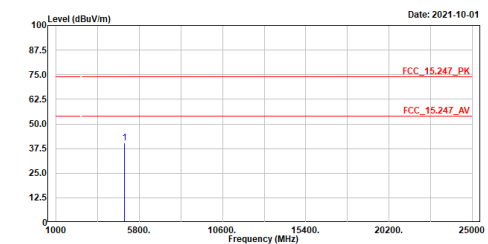
Site :966-1
Condition :3m ,Horizontal
Mode :TX_g_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
				dB	dBuV	dB	
1	4934.000	40.49	74.00	-33.51	43.74	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

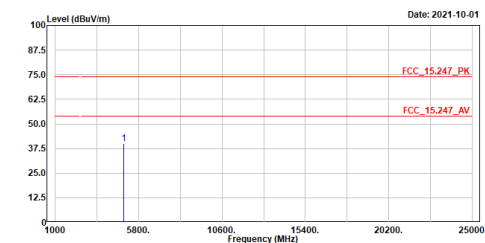
Site :966-1
Condition :3m ,Vertical
Mode :TX_g_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
				dB	dBuV	dB	
1	4934.000	40.51	74.00	-33.49	43.76	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

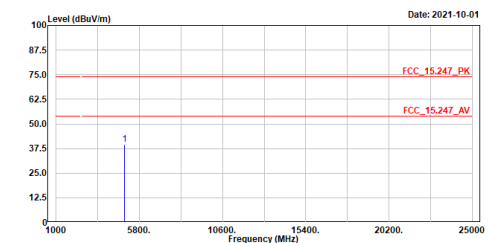
Site :966-1
Condition :3m ,Horizontal
Mode :TX_g_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
				dB	dBuV	dB	
1	4944.000	39.88	74.00	-34.12	43.09	-3.21	Peak

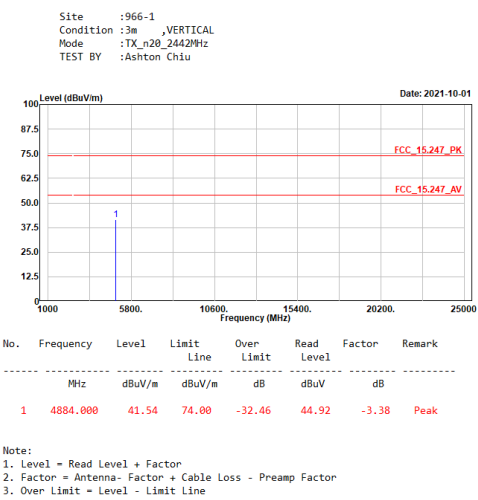
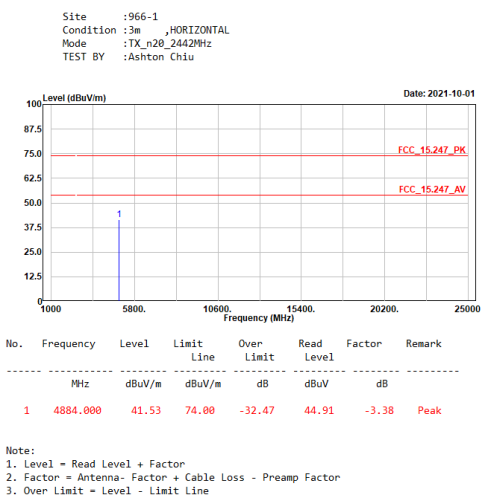
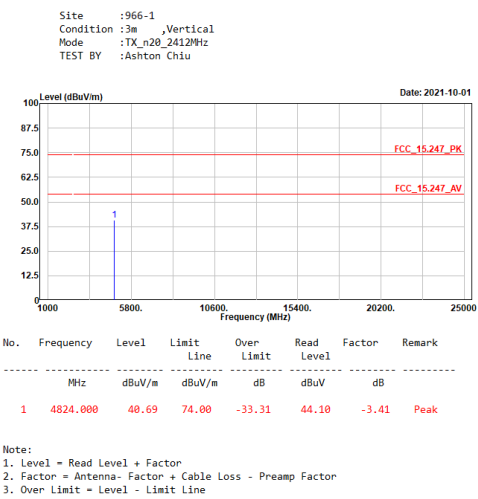
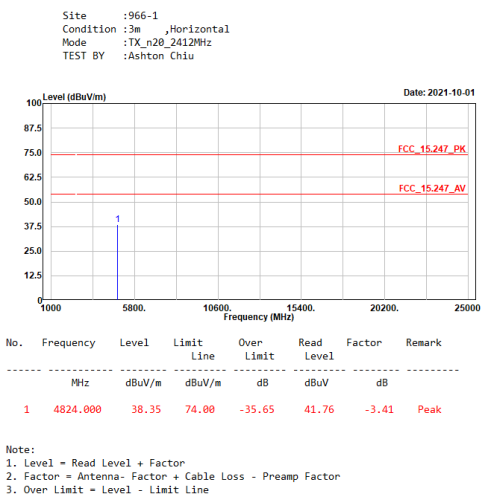
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_g_2472MHz
TEST BY :Ashton Chiu

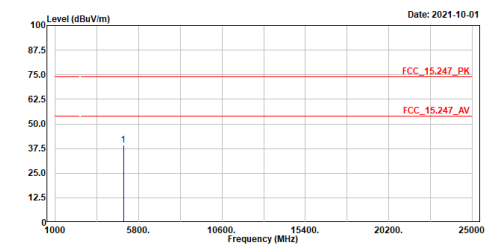


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
				dB	dBuV	dB	
1	4944.000	39.78	74.00	-34.22	42.99	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



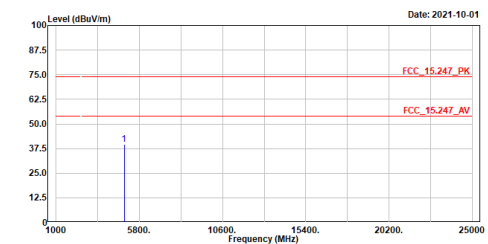
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.37	74.00	-34.63	42.66	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

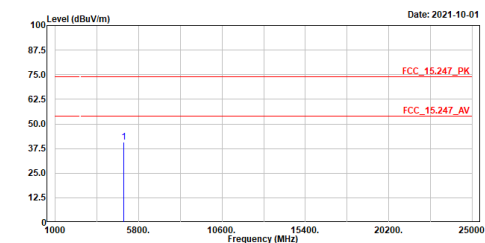
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.56	74.00	-34.44	42.85	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

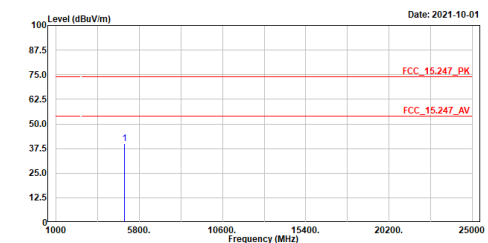
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	40.88	74.00	-33.12	44.13	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

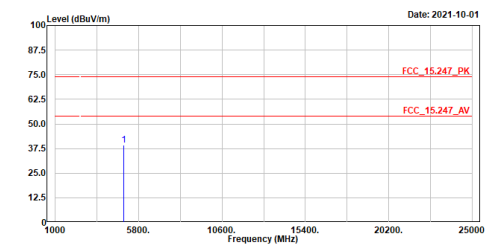
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.98	74.00	-34.02	43.23	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

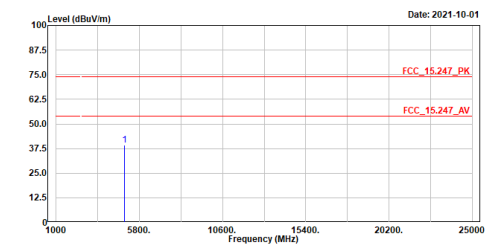
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.38	74.00	-34.62	42.59	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

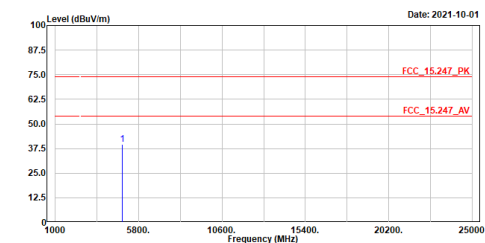
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.30	74.00	-34.70	42.51	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

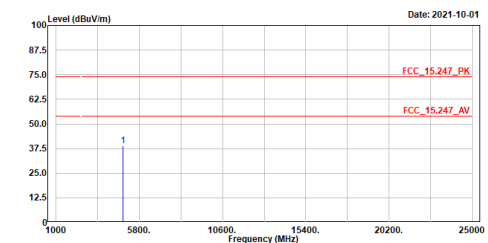
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n40_2422MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	39.80	74.00	-34.20	43.15	-3.35	Peak

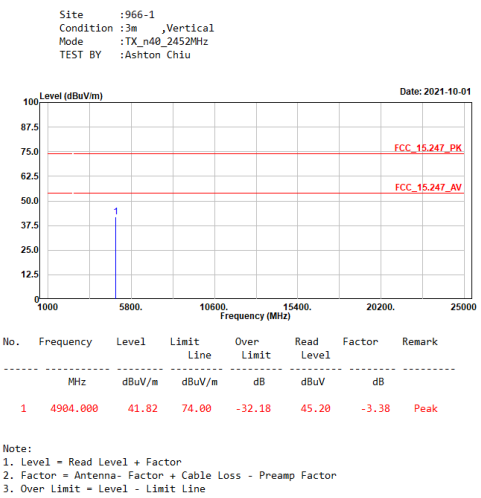
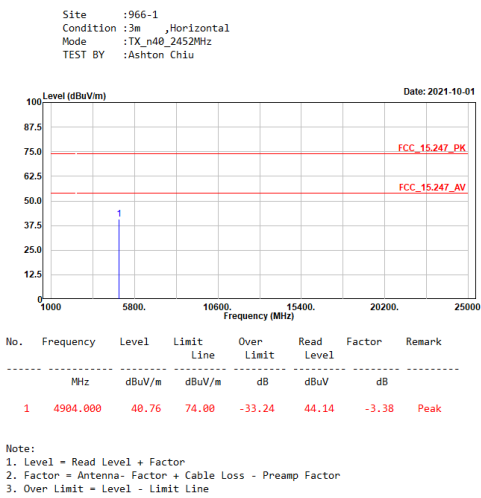
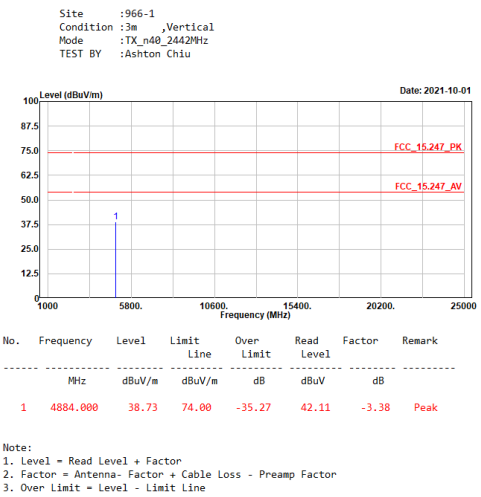
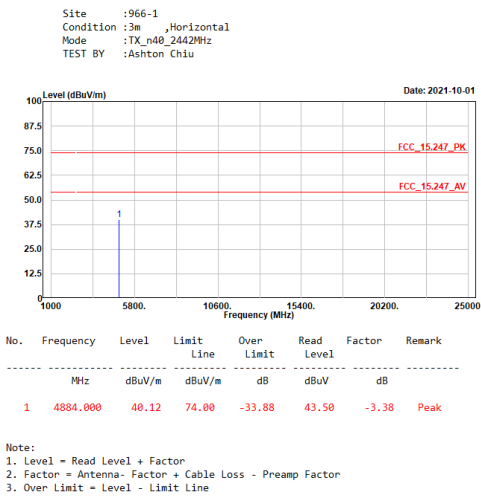
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

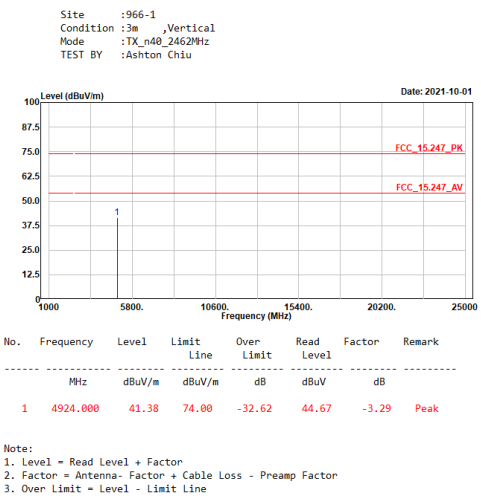
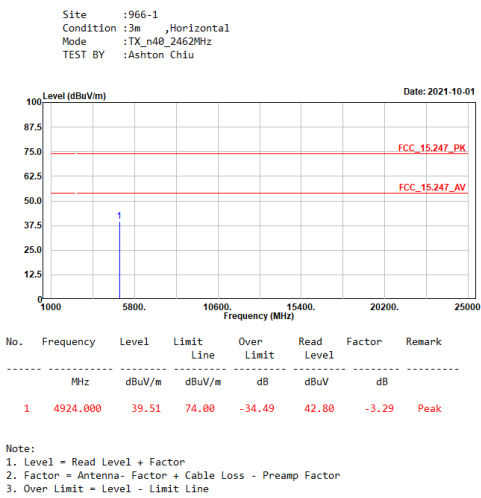
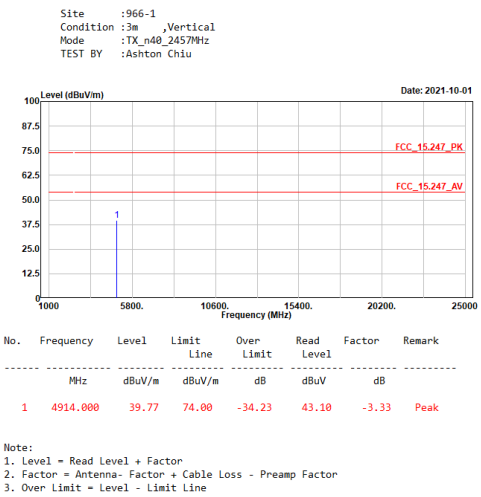
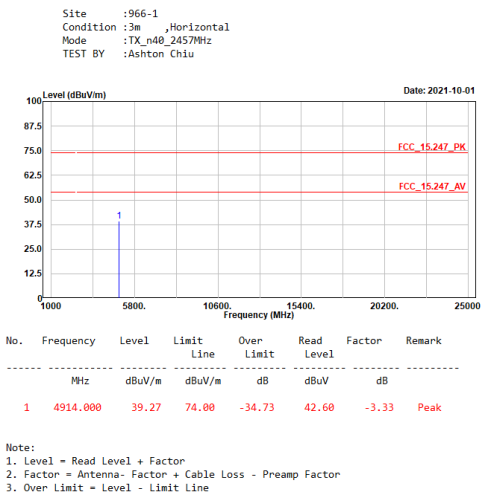
Site :966-1
Condition :3m ,Vertical
Mode :TX_n40_2422MHz
TEST BY :Ashton Chiu

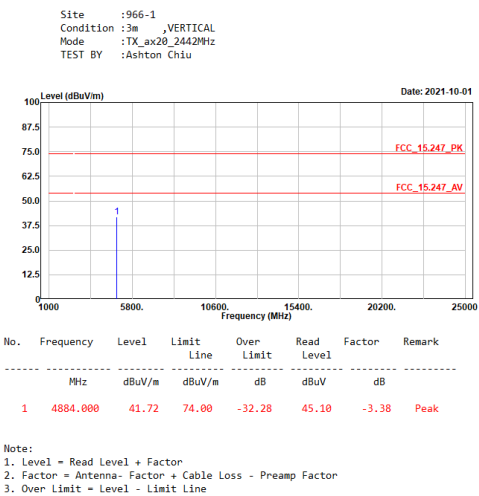
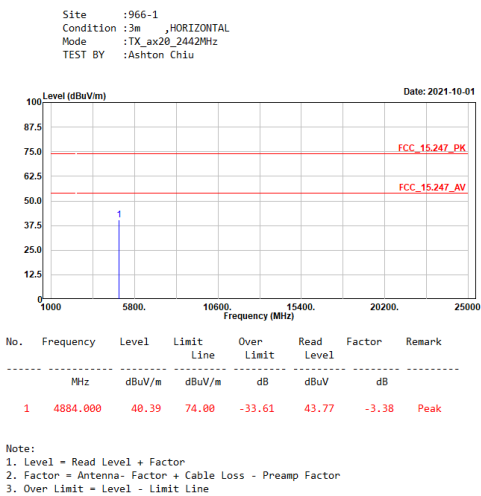
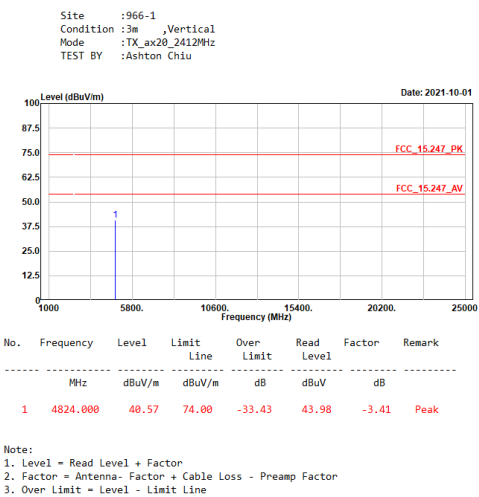
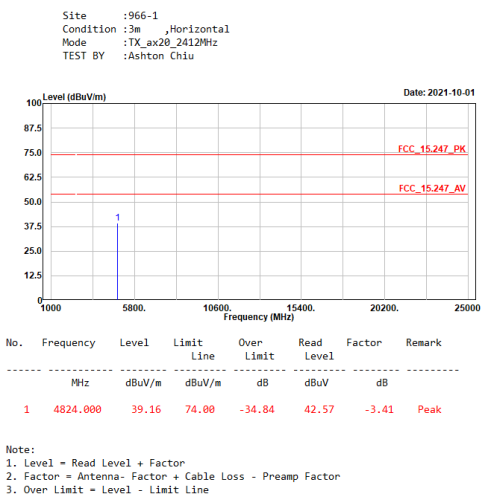


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	38.80	74.00	-35.20	42.15	-3.35	Peak

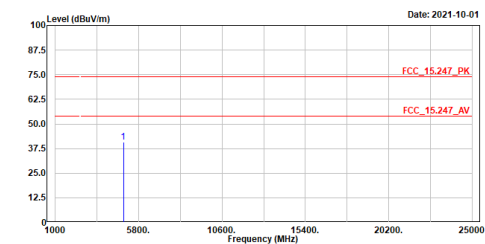
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line







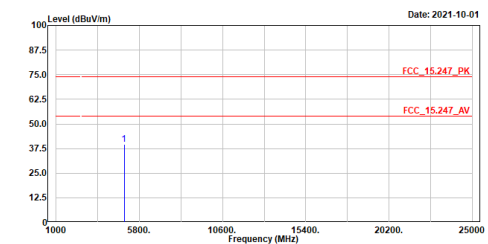
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	40.92	74.00	-33.08	44.21	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

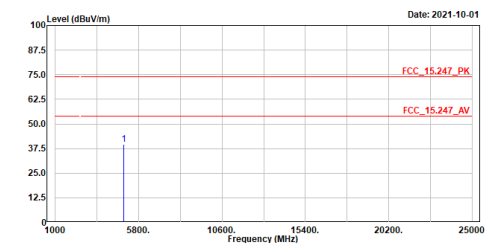
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.68	74.00	-34.32	42.97	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

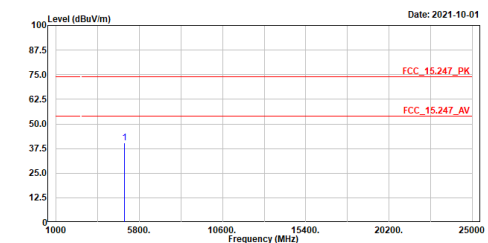
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.47	74.00	-34.53	42.72	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

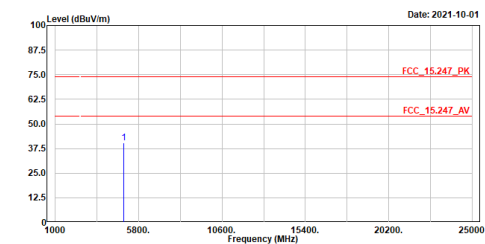
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	40.40	74.00	-33.60	43.65	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

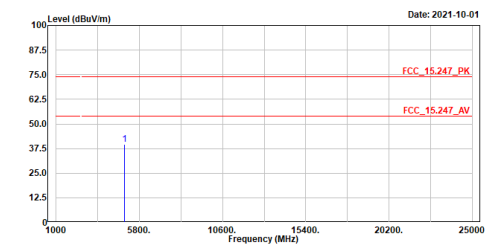
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	40.30	74.00	-33.70	43.51	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

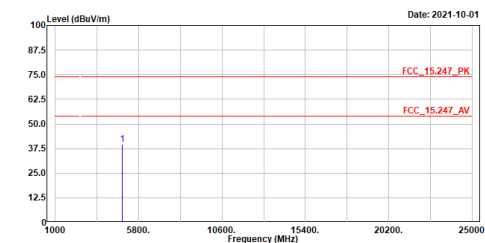
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.51	74.00	-34.49	42.72	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

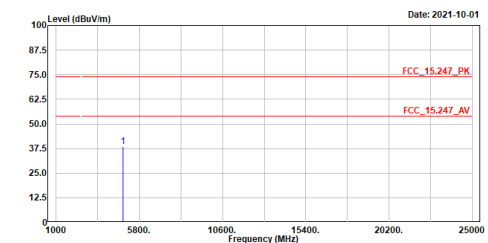
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2422MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	39.51	74.00	-34.49	42.86	-3.35	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

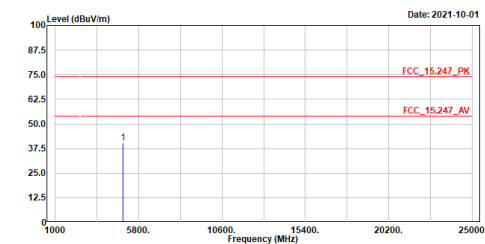
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2422MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	38.52	74.00	-35.48	41.87	-3.35	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

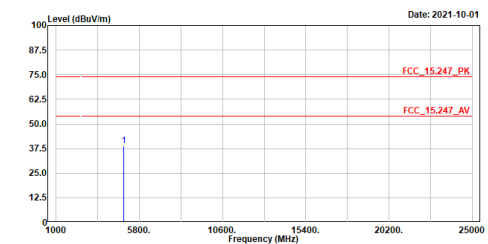
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4884.000	40.42	74.00	-33.58	43.80	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

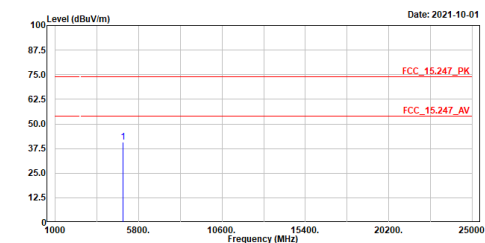
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4884.000	38.87	74.00	-35.13	42.25	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

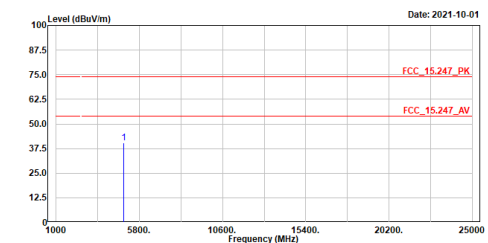
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4904.000	40.69	74.00	-33.31	44.07	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

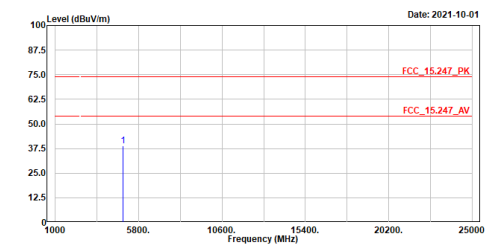
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4904.000	40.53	74.00	-33.47	43.91	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

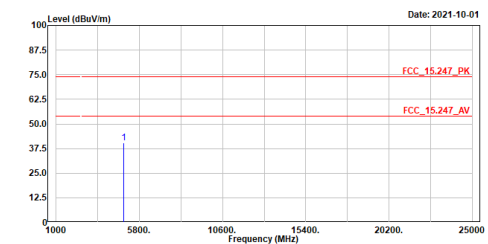
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	38.80	74.00	-35.20	42.13	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

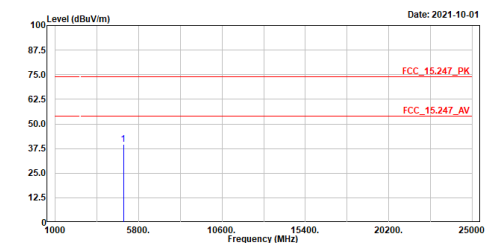
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	40.40	74.00	-33.60	43.73	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

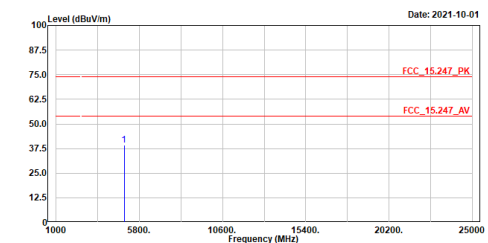
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.74	74.00	-34.26	43.03	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2462MHz
TEST BY :Ashton Chiu

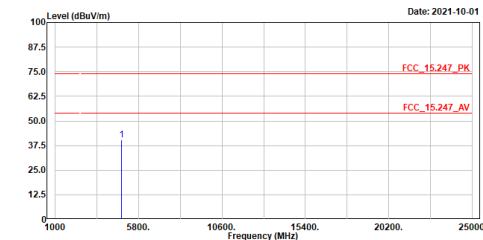


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.10	74.00	-34.90	42.39	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

MIMO

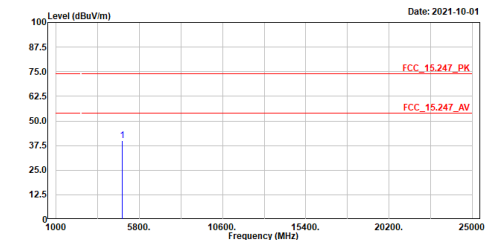
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dB		dB		
1	4824.000	40.47	74.00	-33.53	43.88	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

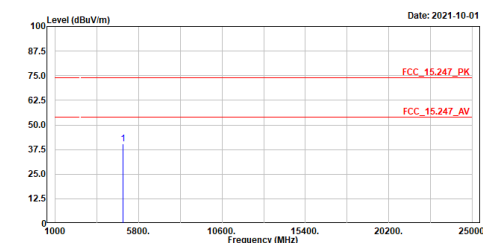
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dB		dB		
1	4824.000	40.19	74.00	-33.81	43.60	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

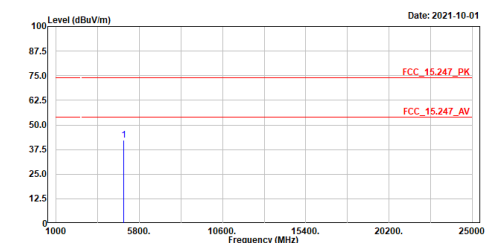
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dB		dB		
1	4884.000	40.55	74.00	-33.45	43.93	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

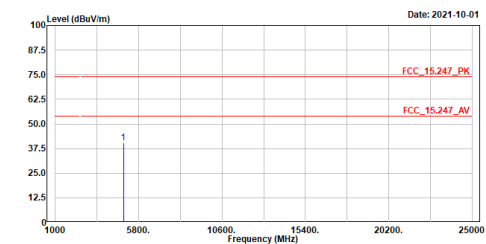
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dB		dB		
1	4884.000	42.25	74.00	-31.75	45.63	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

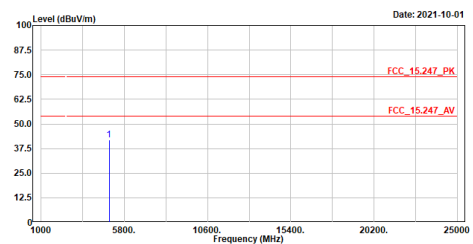
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	40.49	74.00	-33.51	43.78	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

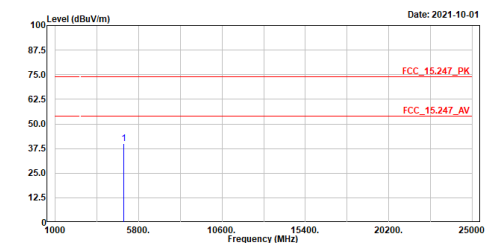
Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	41.85	74.00	-32.15	45.14	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

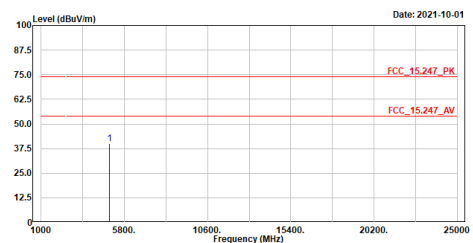
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.85	74.00	-34.15	43.10	-3.25	Peak

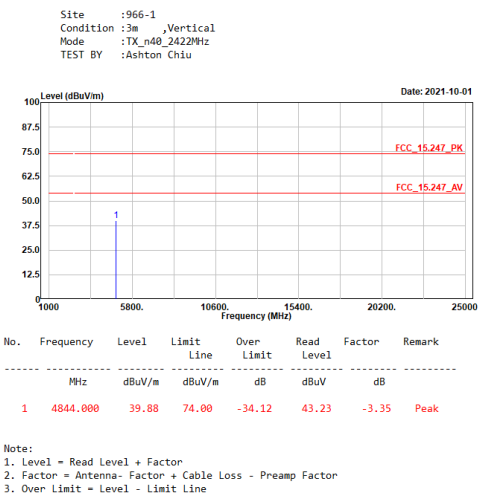
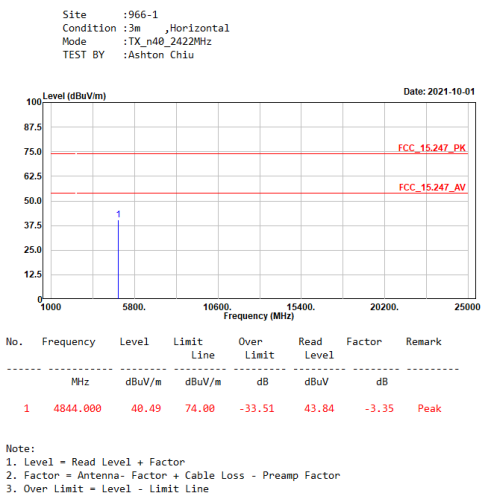
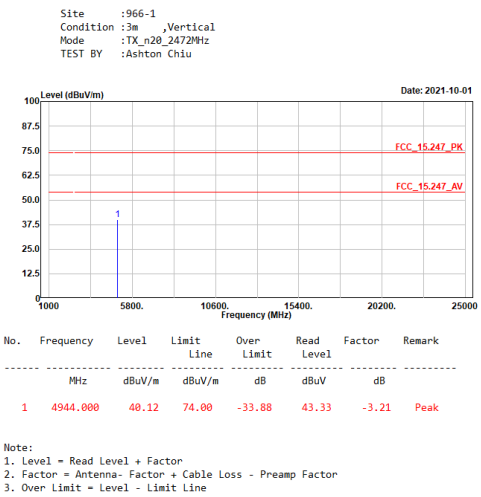
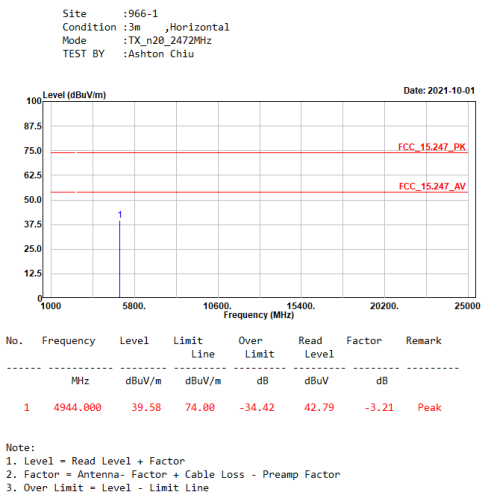
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_n20_2467MHz
TEST BY :Ashton Chiu

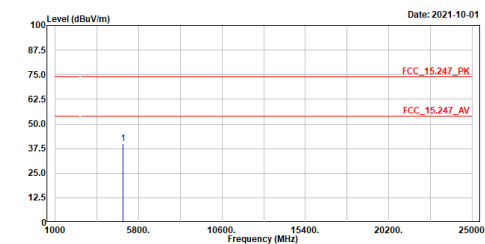


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	40.12	74.00	-33.88	43.37	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



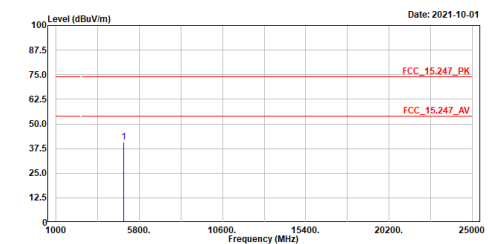
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	40.09	74.00	-33.91	43.47	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

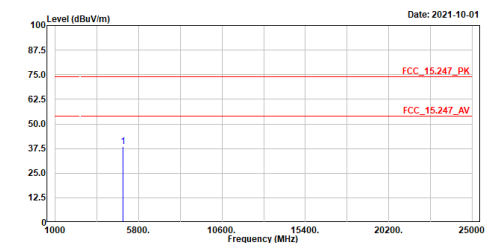
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	40.75	74.00	-33.25	44.13	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

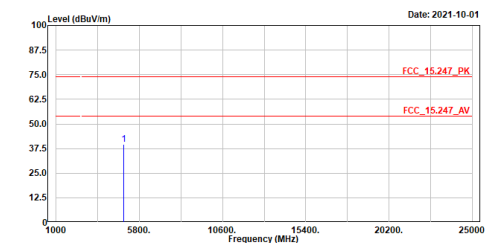
Site :966-1
Condition :3m ,Horizontal
Mode :TX_n40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	38.50	74.00	-35.50	41.88	-3.38	Peak

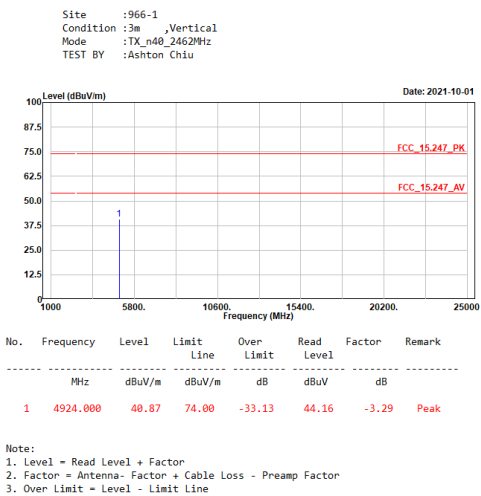
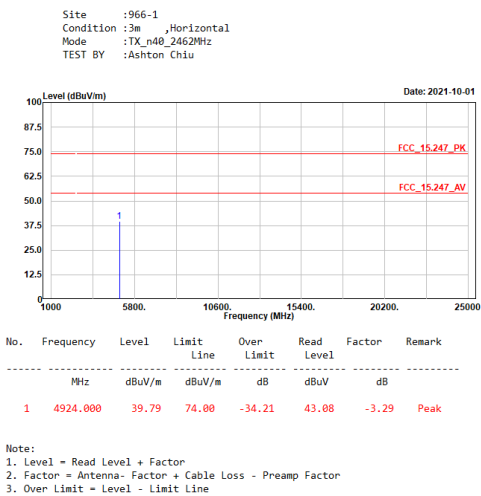
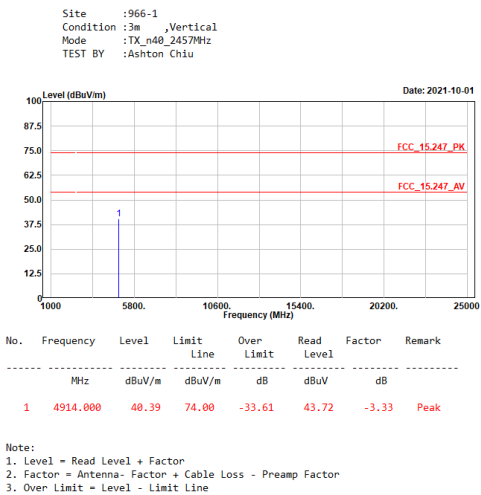
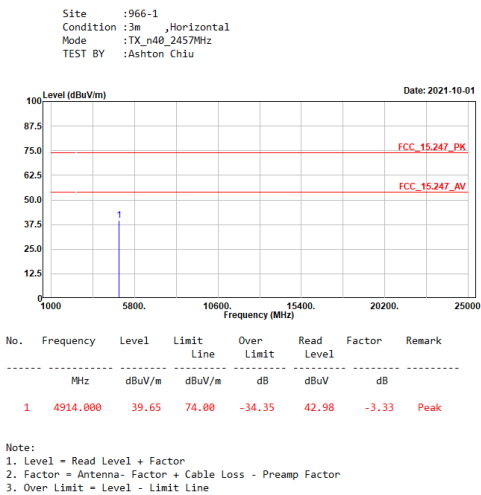
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_n40_2452MHz
TEST BY :Ashton Chiu

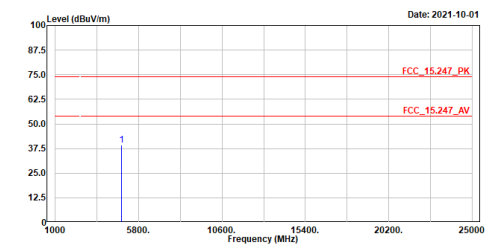


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	39.67	74.00	-34.33	43.05	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



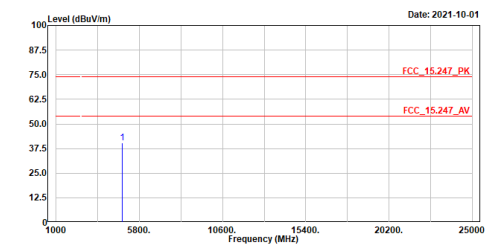
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4824.000	39.09	74.00	-34.91	42.50	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

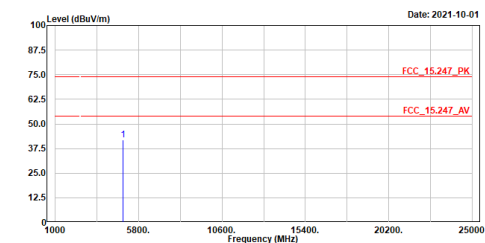
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2412MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4824.000	48.32	74.00	-33.68	43.73	-3.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

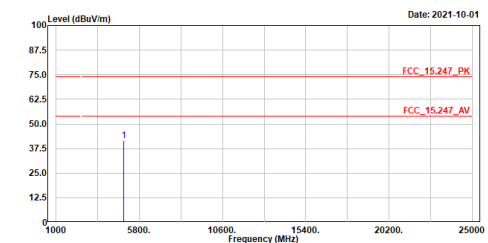
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4884.000	41.80	74.00	-32.20	45.18	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

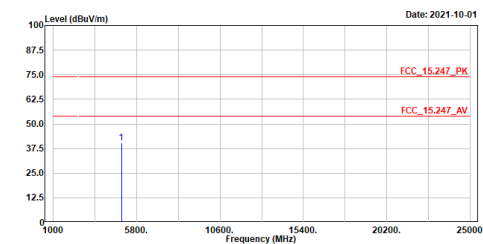
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4884.000	41.58	74.00	-32.42	44.96	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

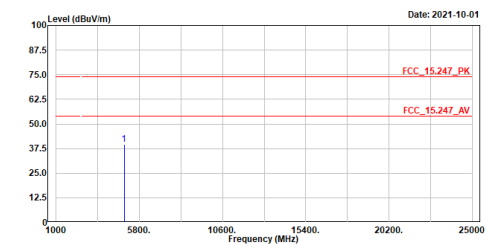
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	40.19	74.00	-33.81	43.48	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

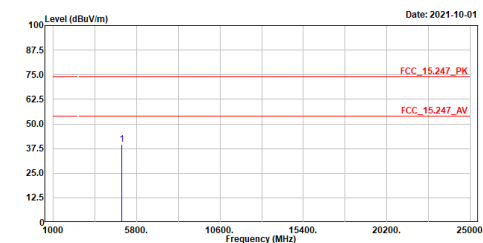
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.47	74.00	-34.53	42.76	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

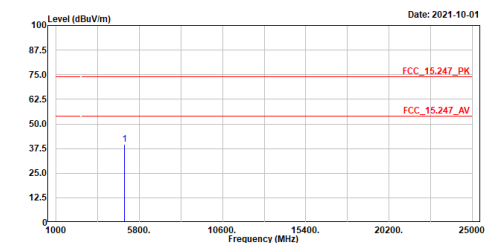
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.72	74.00	-34.28	42.97	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

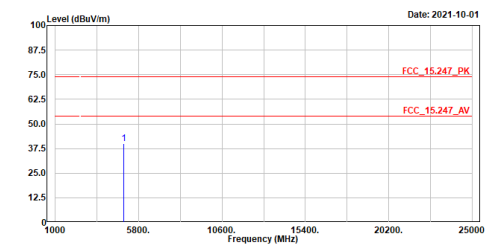
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2467MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.53	74.00	-34.47	42.78	-3.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

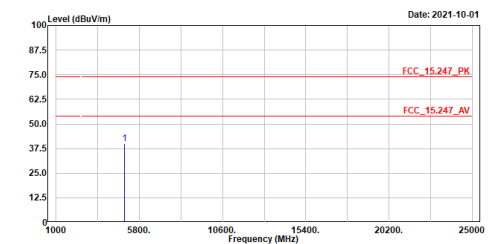
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.94	74.00	-34.06	43.15	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

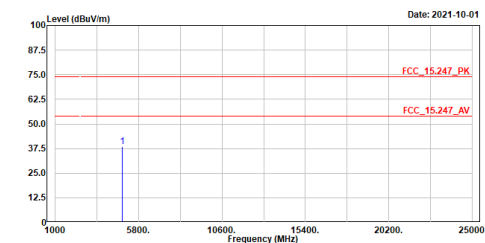
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax20_2472MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.82	74.00	-34.18	43.03	-3.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

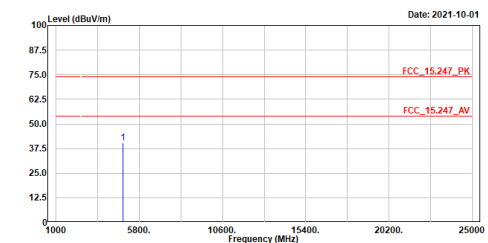
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2422MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	38.63	74.00	-35.37	41.98	-3.35	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

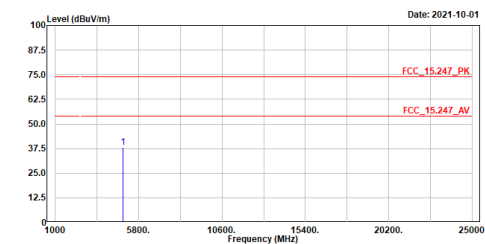
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2422MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	40.22	74.00	-33.78	43.57	-3.35	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

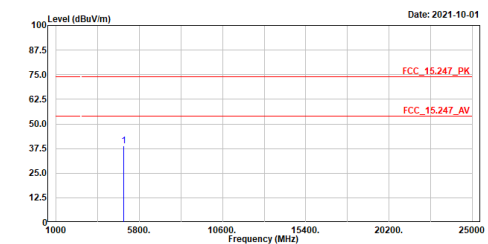
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	38.24	74.00	-35.76	41.62	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

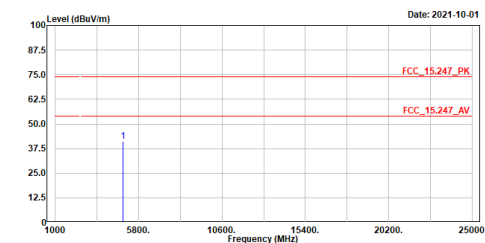
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.00	74.00	-35.00	42.38	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

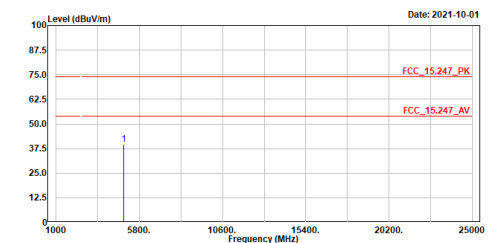
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	41.15	74.00	-32.85	44.53	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

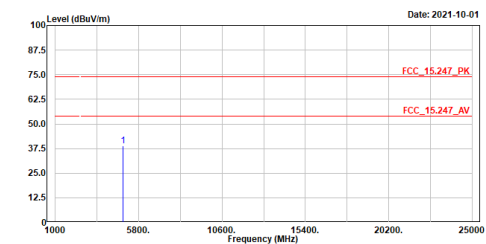
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2452MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	39.78	74.00	-34.22	43.16	-3.38	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

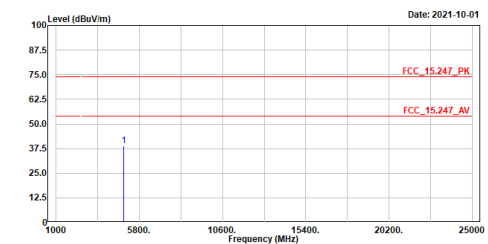
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.00	74.00	-35.00	42.33	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

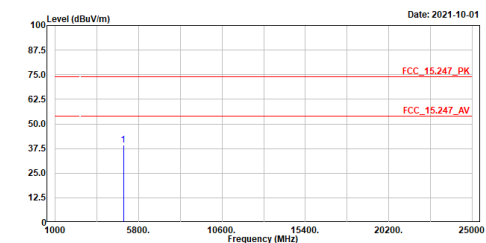
Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2457MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	38.93	74.00	-35.07	42.26	-3.33	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

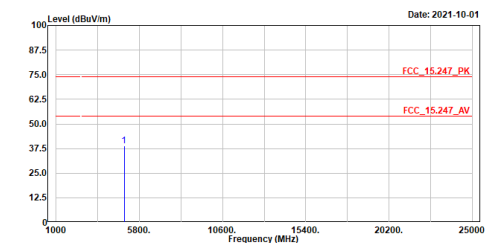
Site :966-1
Condition :3m ,Horizontal
Mode :TX_ax40_2462MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.13	74.00	-34.87	42.42	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,Vertical
Mode :TX_ax40_2462MHz
TEST BY :Ashton Chiu

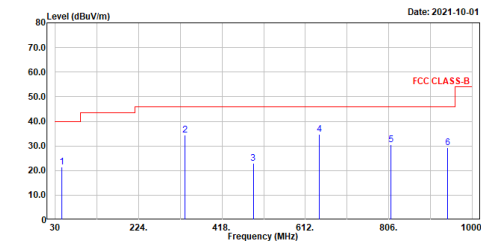


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.83	74.00	-35.17	42.12	-3.29	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

SISO A

Site :966-1
Condition :3m HORIZONTAL
Mode :TX_ax40_2442MHz
TEST BY :Caster

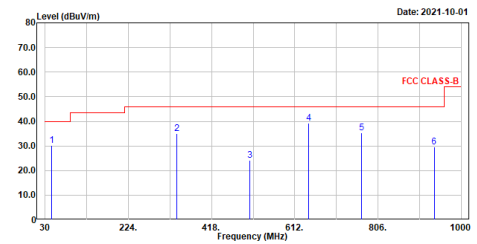


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	45.520	21.31	40.00	-18.69	33.04	-11.73	QP
2	332.640	34.50	46.00	-11.50	44.70	-10.20	QP
3	490.750	22.95	46.00	-23.05	29.69	-6.74	QP
4	644.010	34.72	46.00	-11.28	38.44	-3.72	QP
5	811.820	30.48	46.00	-15.52	32.17	-1.69	QP
6	942.770	29.24	46.00	-16.76	29.47	-0.23	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Site :966-1
Condition :3m VERTICAL
Mode :TX_ax40_2442MHz
TEST BY :Caster



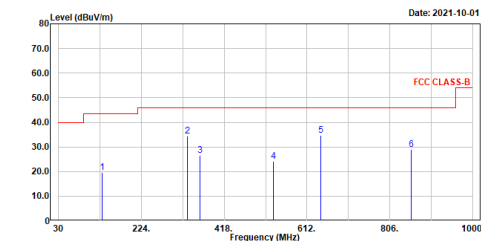
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	45.520	30.15	40.00	-9.85	41.88	-11.73	QP
2	336.520	35.04	46.00	-10.96	45.18	-10.14	QP
3	507.240	24.28	46.00	-21.72	30.60	-6.32	QP
4	644.010	39.25	46.00	-6.75	42.97	-3.72	QP
5	767.200	35.31	46.00	-10.69	37.39	-2.08	QP
6	936.950	29.68	46.00	-16.32	30.04	-0.36	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

SISO B

Site :966-1
Condition :3m HORIZONTAL
Mode :TX_ax40_2442MHz
TEST BY :Caster

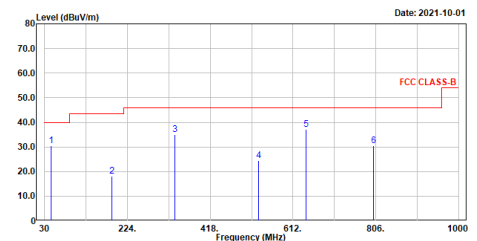


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	131.850	19.61	43.50	-23.89	32.21	-12.60	QP
2	332.640	34.50	46.00	-11.50	44.70	-10.20	QP
3	361.740	26.42	46.00	-19.58	36.12	-9.70	QP
4	532.460	24.04	46.00	-21.96	30.04	-6.00	QP
5	644.010	34.72	46.00	-11.28	38.44	-3.72	QP
6	855.470	29.09	46.00	-16.91	30.34	-1.25	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Site :966-1
Condition :3m VERTICAL
Mode :TX_ax40_2442MHz
TEST BY :Caster



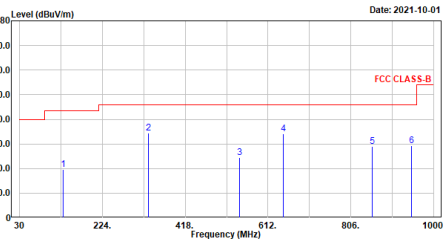
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	44.550	30.40	40.00	-9.60	42.18	-11.78	QP
2	188.110	18.26	43.50	-25.24	32.21	-13.95	QP
3	335.550	34.96	46.00	-11.04	45.10	-10.14	QP
4	531.490	24.32	46.00	-21.68	30.33	-6.01	QP
5	642.070	37.13	46.00	-8.87	40.89	-3.76	QP
6	801.150	30.48	46.00	-15.52	32.27	-1.79	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

MIMIO

Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_2442MHz
TEST BY :Caster

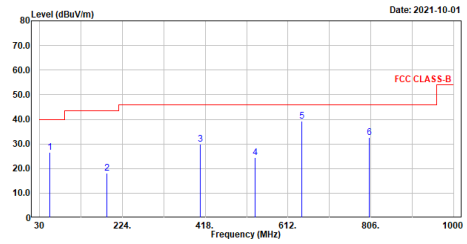


No.	Frequency MHz	Level	Limit Line	Over Limit	Read Level	Factor	Remark
		dBuV/m	dBuV/m	dB	dBuV	dB	
1	131.850	19.61	43.50	-23.89	32.21	-12.60	QP
2	332.640	34.50	46.00	-11.50	44.70	-10.20	QP
3	545.070	24.40	46.00	-21.60	30.21	-5.81	QP
4	647.890	34.20	46.00	-11.80	37.89	-3.69	QP
5	855.470	29.09	46.00	-16.91	30.34	-1.25	QP
6	948.590	29.32	46.00	-16.68	29.49	-0.17	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_2442MHz
TEST BY :Caster



No.	Frequency MHz	Level	Limit Line	Over Limit	Read Level	Factor	Remark
		dBuV/m	dBuV/m	dB	dBuV	dB	
1	54.250	26.62	40.00	-13.38	38.93	-12.31	QP
2	188.110	18.26	43.50	-25.24	32.21	-13.95	QP
3	406.360	29.79	46.00	-16.21	38.55	-8.76	QP
4	535.370	24.34	46.00	-21.66	30.34	-6.00	QP
5	644.010	39.25	46.00	-6.75	42.97	-3.72	QP
6	803.090	32.68	46.00	-13.32	34.43	-1.75	QP

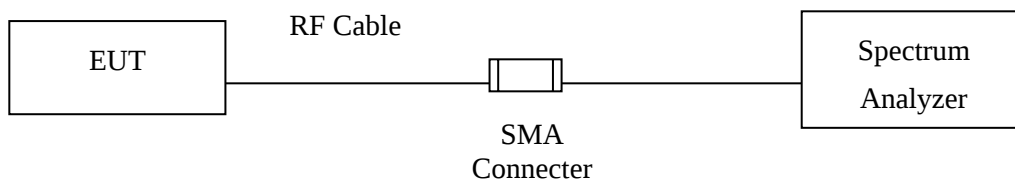
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

4. Band Edge

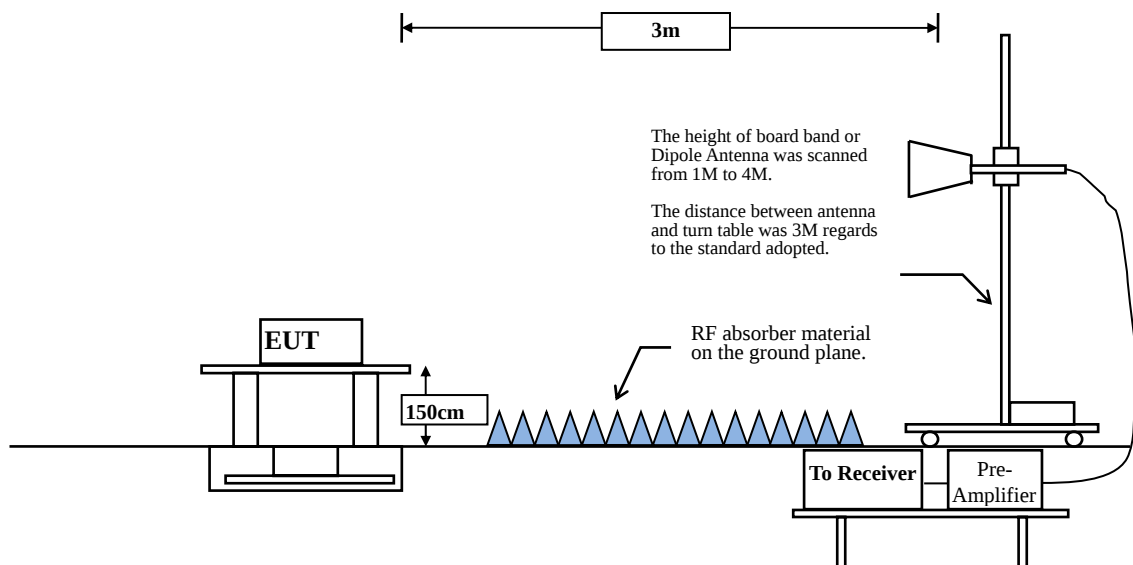
4.1. Test Setup

RF Conducted Measurement



RF Radiated Measurement:

Above 1GHz



4.2. Limits

According to FCC Section 15.247(d). In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

4.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to C63.10:2013 Section 11.12.1 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.

RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak measurement procedure.

RBW = as specified in Table 1.

$VBW \geq 3 \times RBW$.

Table 1 —RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to C63.10 Section 11.12.2.5 Average measurement procedure.

RBW = 1MHz.

VBW = 10Hz, when duty cycle $\geq 98\%$

$VBW \geq 1/T$, when duty cycle $< 98\%$

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

SISO A

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.41	--	--	10
802.11 g	97.66	2.0850	480	500
802.11 n20	99.00	--	--	10
802.11 n40	98.75	--	--	10
802.11ax20	99.00	--	--	10
802.11 ax40	99.00	--	--	10
802.11 ax20-26/0-RU	98.10	--	--	10
802.11 ax20-52/37-RU	98.10	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

Note: Duty Cycle Refer to Section 5.

SISO B

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.05	--	--	10
802.11 g	97.66	2.0850	480	500
802.11 n20	98.76	--	--	10
802.11 n40	98.75	--	--	10
802.11ax20	98.75	--	--	10
802.11 ax40	98.75	--	--	10
802.11 ax20-26/0-RU	98.10	--	--	10
802.11 ax20-52/37-RU	98.10	--	--	10
802.11 ax20-106/53-RU	98.10	--	--	10
802.11 ax40-242/61-RU	98.10	--	--	10

Note: Duty Cycle Refer to Section 5.

MIMO

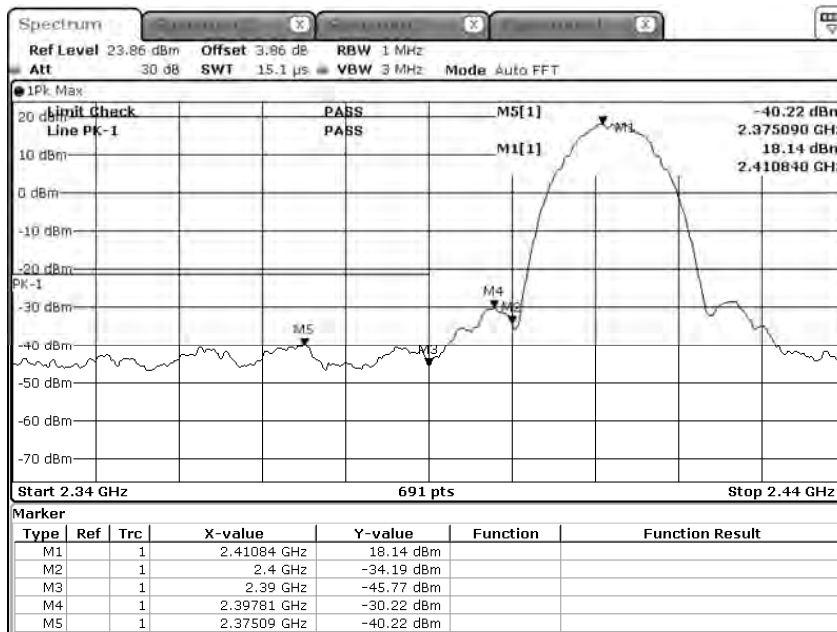
2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 n20	98.76	--	--	10
802.11 n40	98.76	--	--	10
802.11ax20	98.11	--	--	10
802.11 ax40	98.09	--	--	10
802.11 ax20-26/0-RU	98.11	--	--	10
802.11 ax20-52/37-RU	98.11	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

Note: Duty Cycle Refer to Section 5.

4.4. Test Result of Band Edge

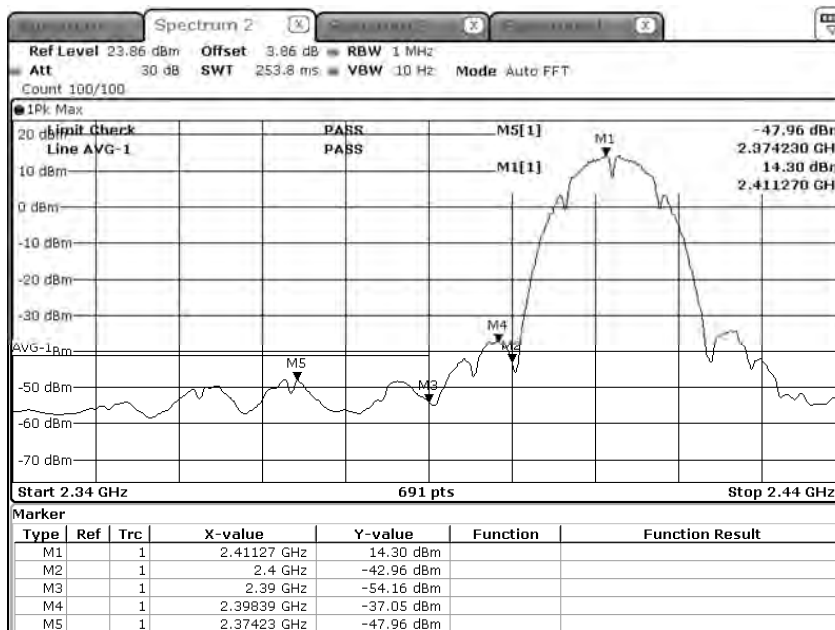
Product : Intel® Wi-Fi 6E AX211
 Test Item : Band Edge Data
 Test Mode : Mode 1 SISO A: Transmit (802.11b_1Mbps) (2412MHz)
 Test Date : 2021/09/02

Peak:



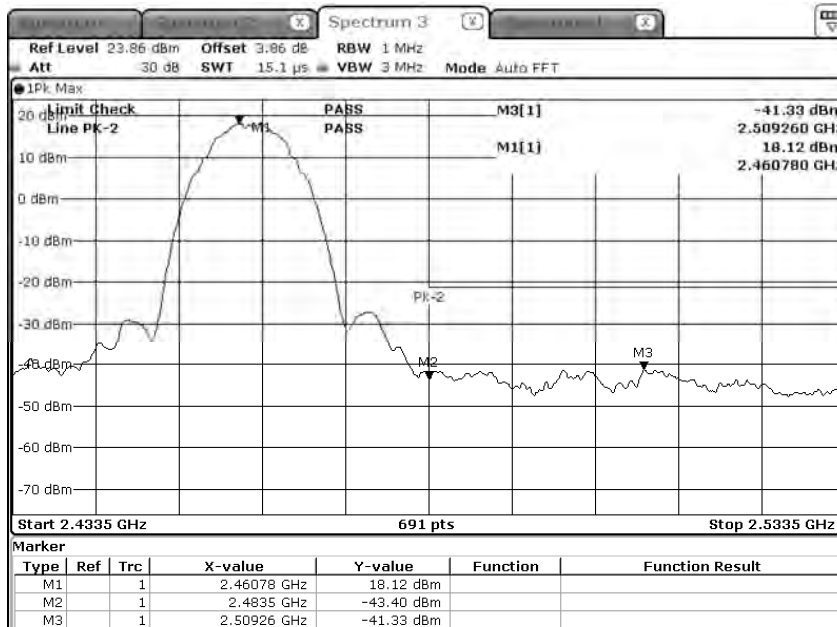
Date: 2.SEP.2021 08:45:21

Average:

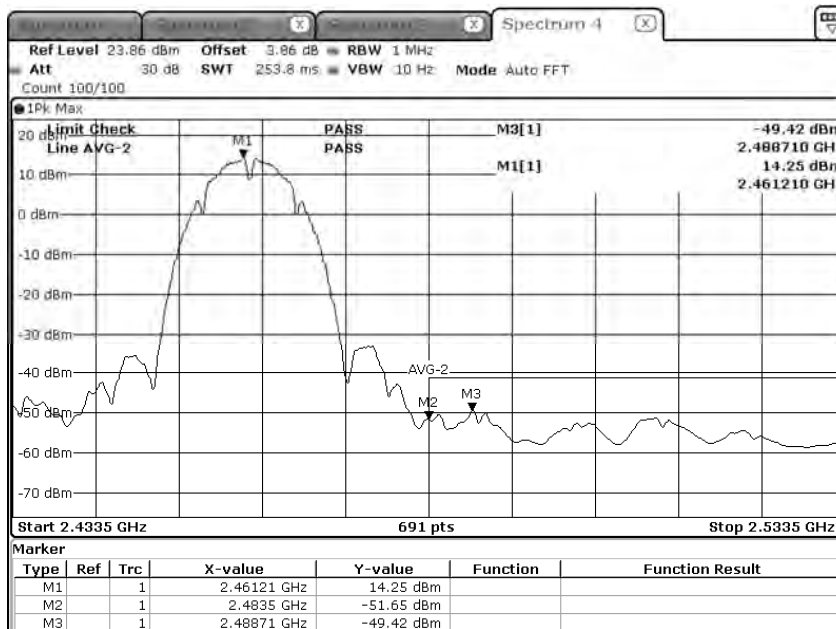


Date: 2.SEP.2021 08:44:21

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 1 SISO A: Transmit (802.11b_1Mbps) (2462MHz)
Test Date : 2021/09/03

Peak:

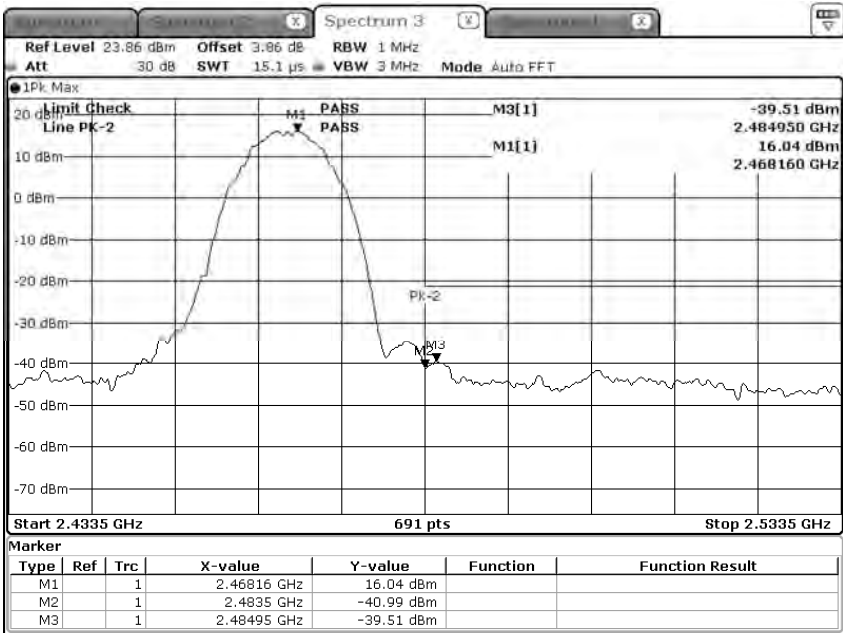
Date: 3.SEP.2021 05:43:42

Average:

Date: 3.SEP.2021 05:42:54

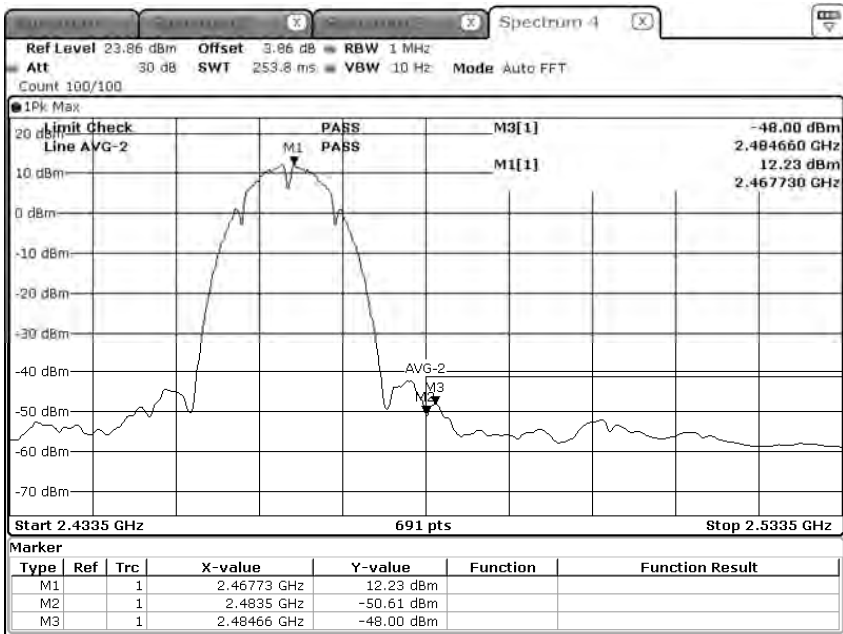
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 1 SISO A: Transmit (802.11b_1Mbps) (2467MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 07:14:43

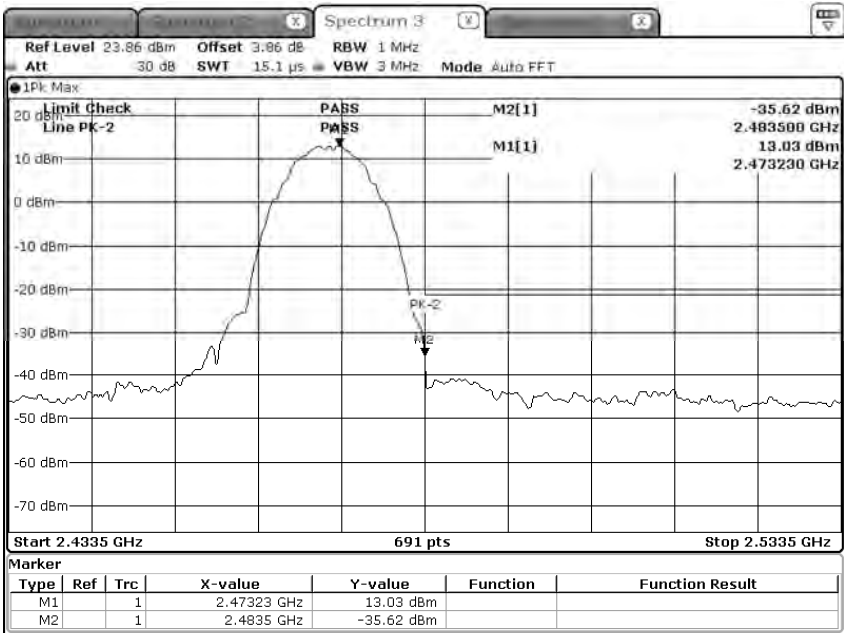
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Date: 3.SEP.2021 07:03:37

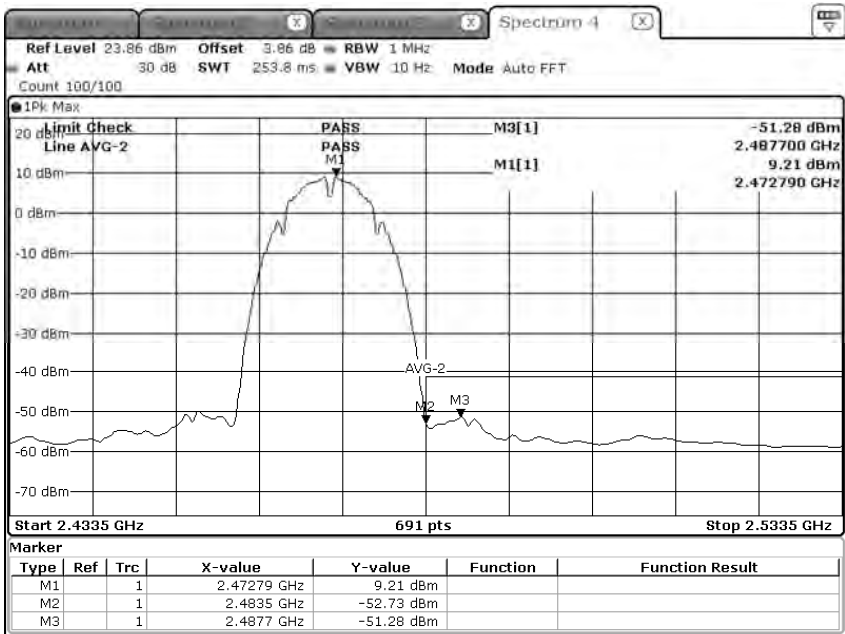
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 1 SISO A: Transmit (802.11b_1Mbps) (2472MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 07:23:03

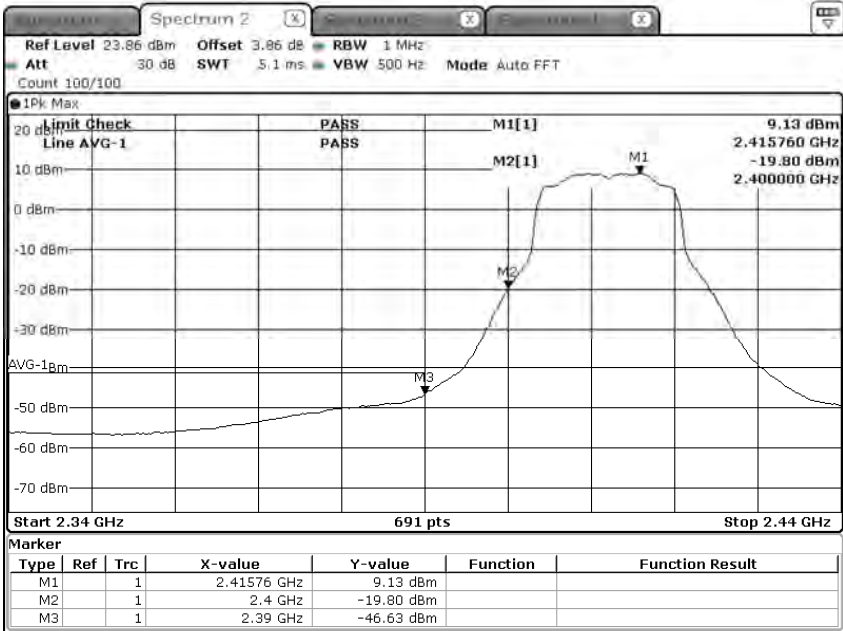
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Date: 3.SEP.2021 07:20:51

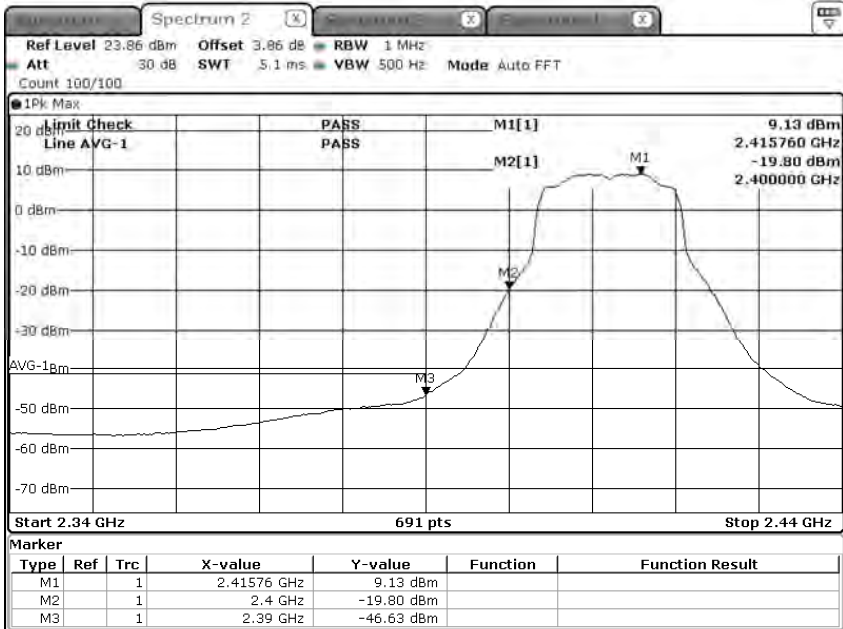
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g_6Mbps) (2412MHz)
Test Date : 2021/09/03

Peak:



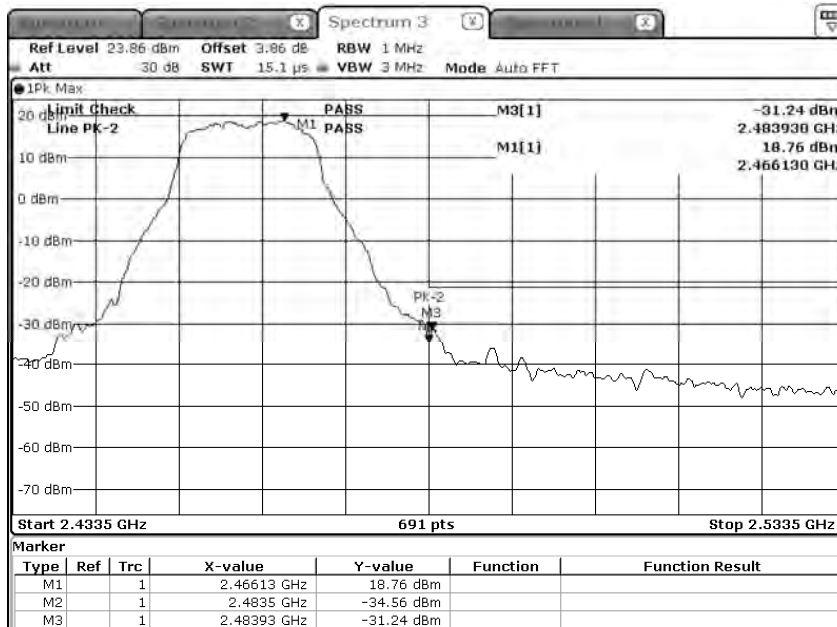
Date: 3.SEP.2021 07:27:23

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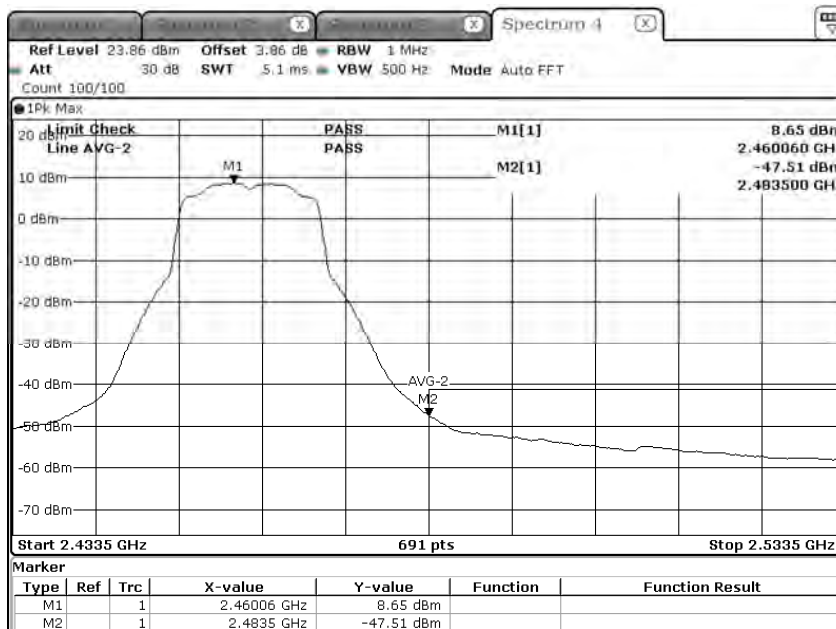


Date: 3.SEP.2021 07:27:23

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g_6Mbps) (2462MHz)
Test Date : 2021/09/03

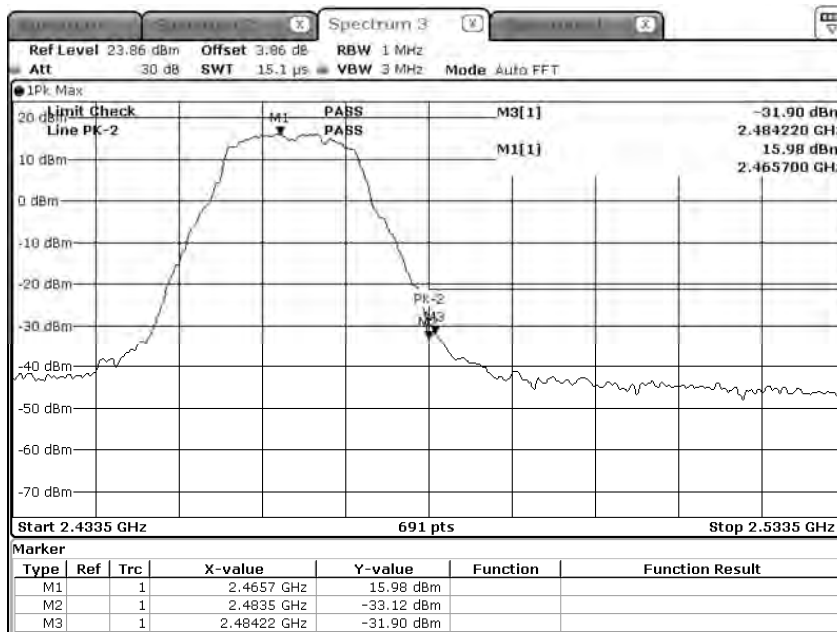
Peak:

Date: 3.SEP.2021 07:30:13

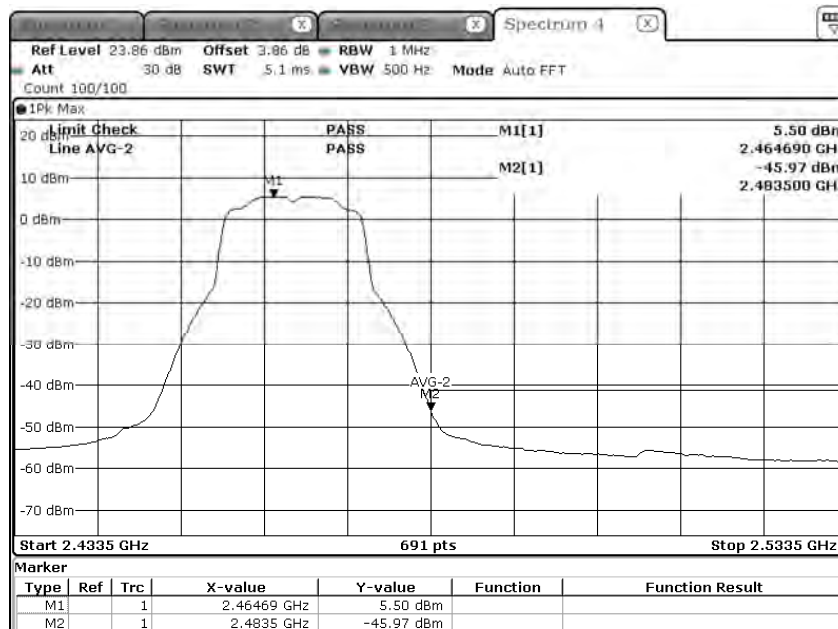
Average:

Date: 3.SEP.2021 07:29:24

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g_6Mbps) (2467MHz)
Test Date : 2021/09/03

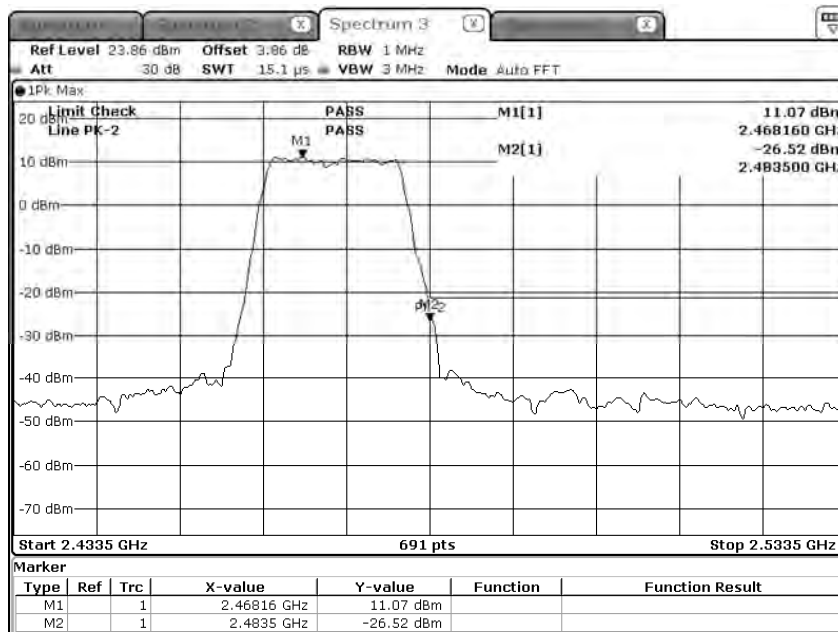
Peak:

Date: 3.SEP.2021 07:36:16

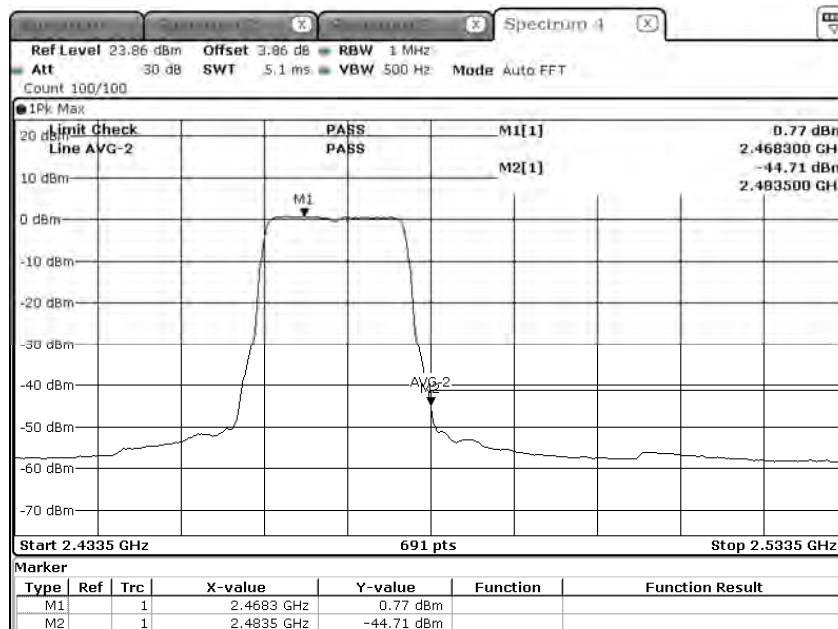
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Date: 3.SEP.2021 07:32:39

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g_6Mbps) (2472MHz)
Test Date : 2021/09/03

Peak:

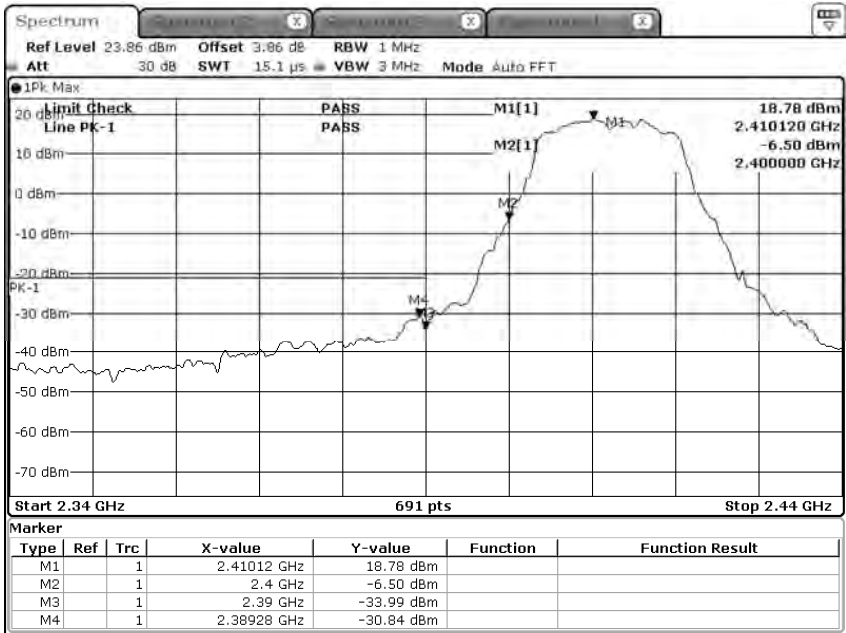
Date: 3.SEP.2021 08:00:25

Average:

Date: 3.SEP.2021 07:59:30

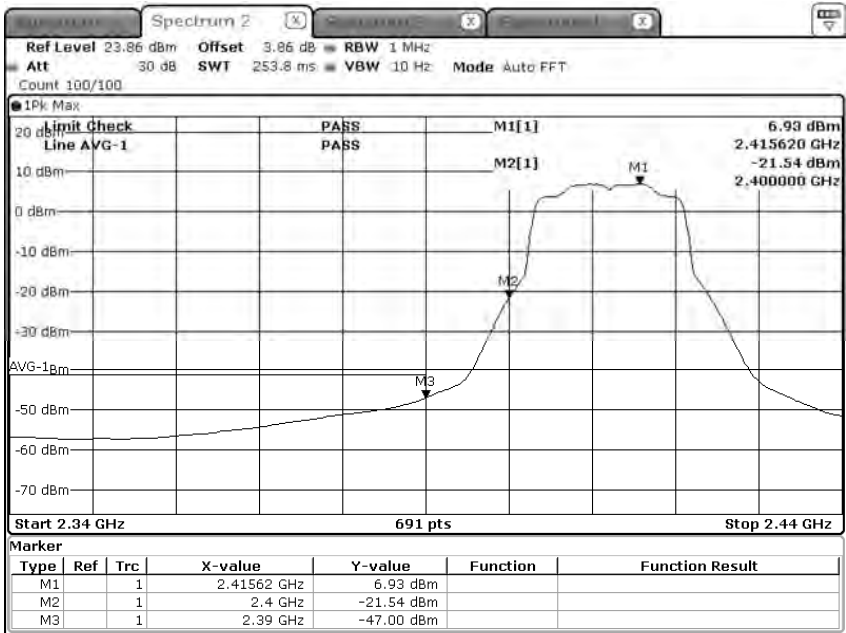
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2412MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 08:05:58

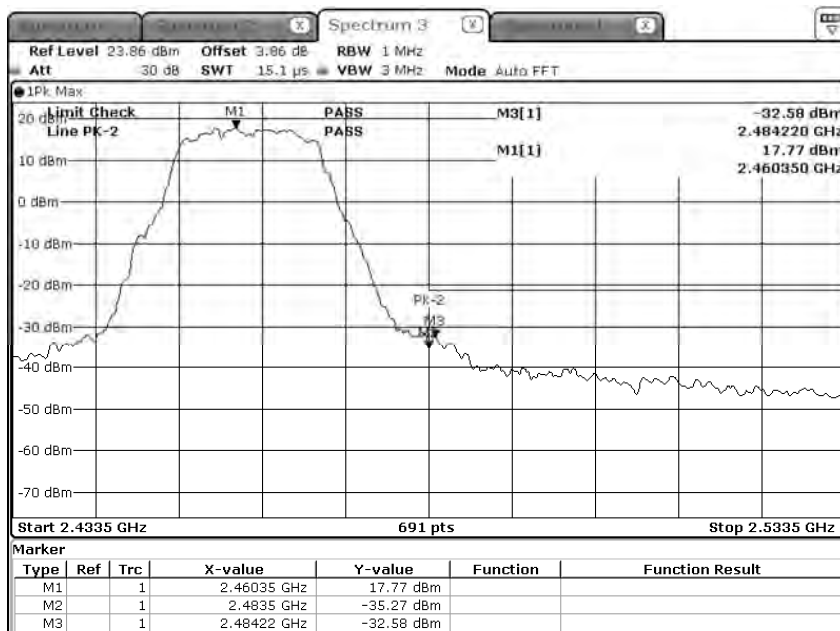
Average:



Date: 3.SEP.2021 08:03:56

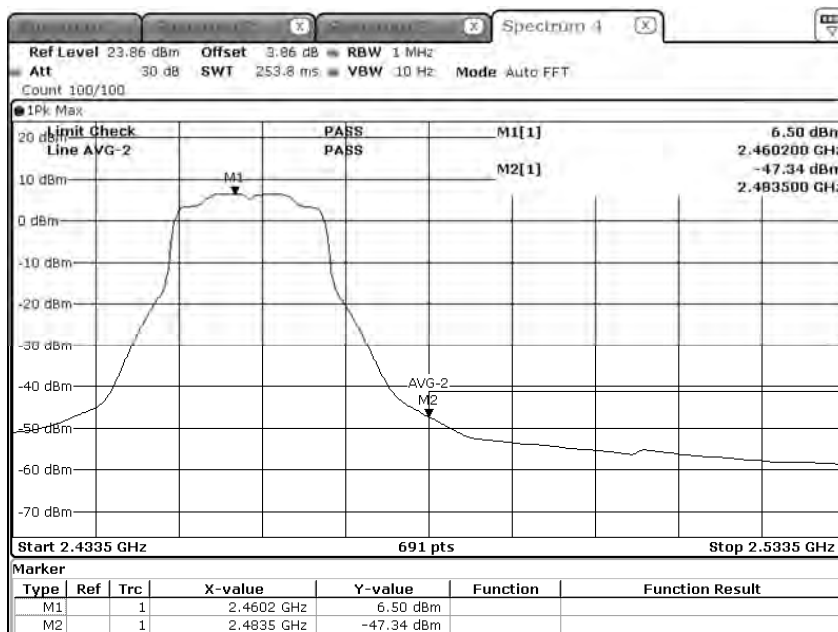
Product : Intel® Wi-Fi 6E AX211
 Test Item : Band Edge Data
 Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2462MHz)
 Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 08:50:52

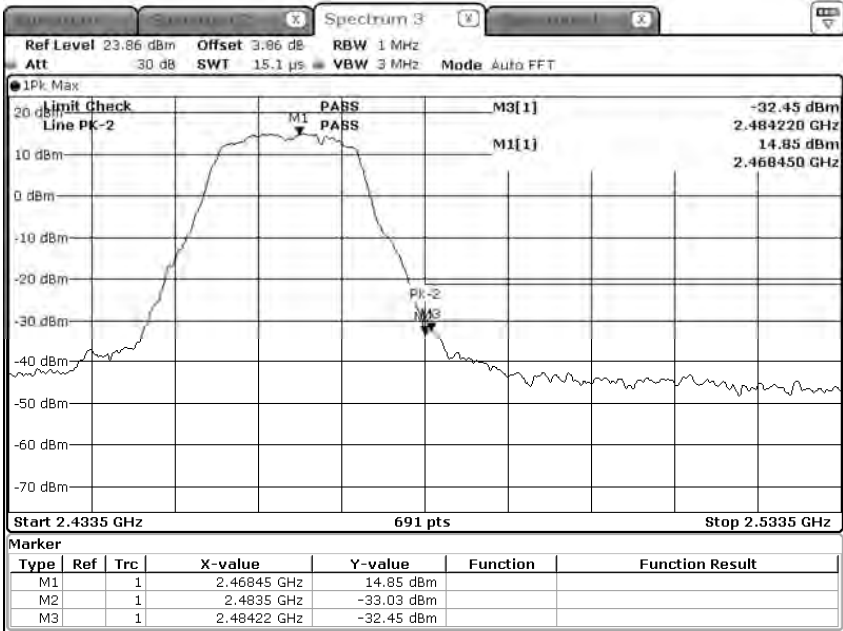
Average:



Date: 3.SEP.2021 08:14:34

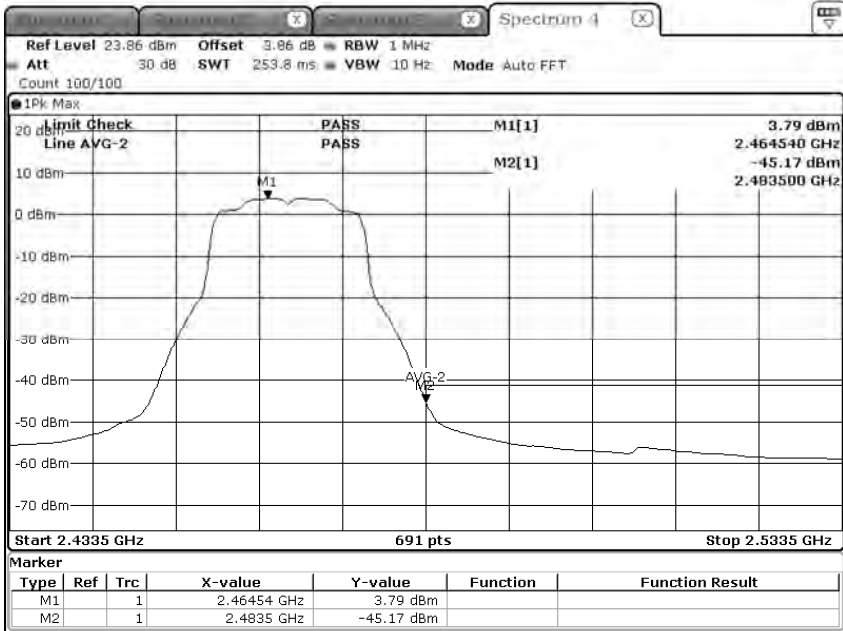
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2467MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 08:56:31

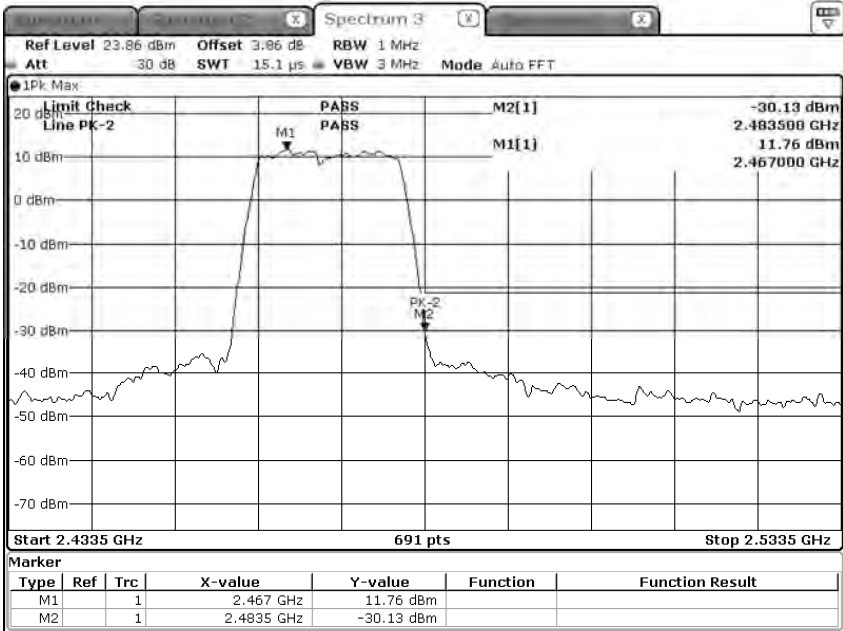
Average:



Date: 3.SEP.2021 08:55:22

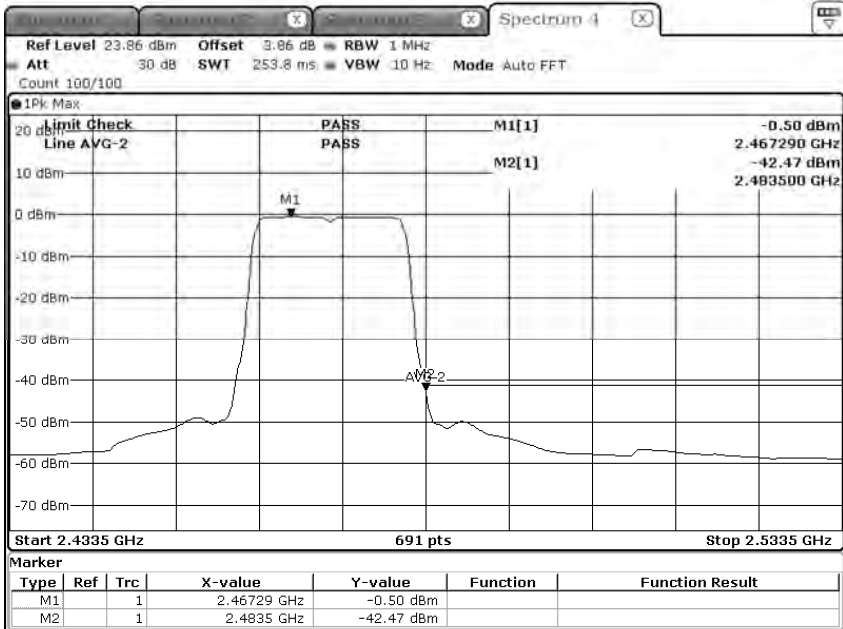
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2472MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 09:00:54

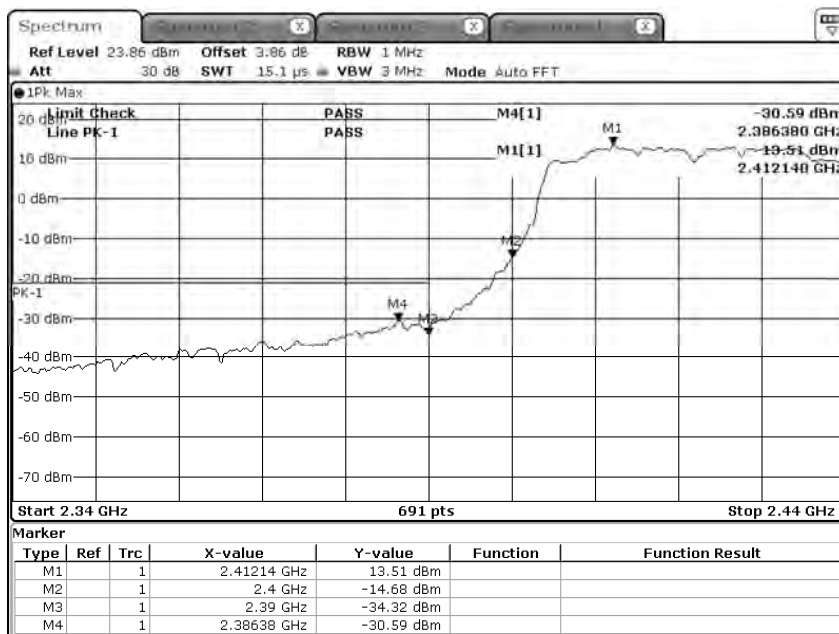
Average:



Date: 3.SEP.2021 08:59:51

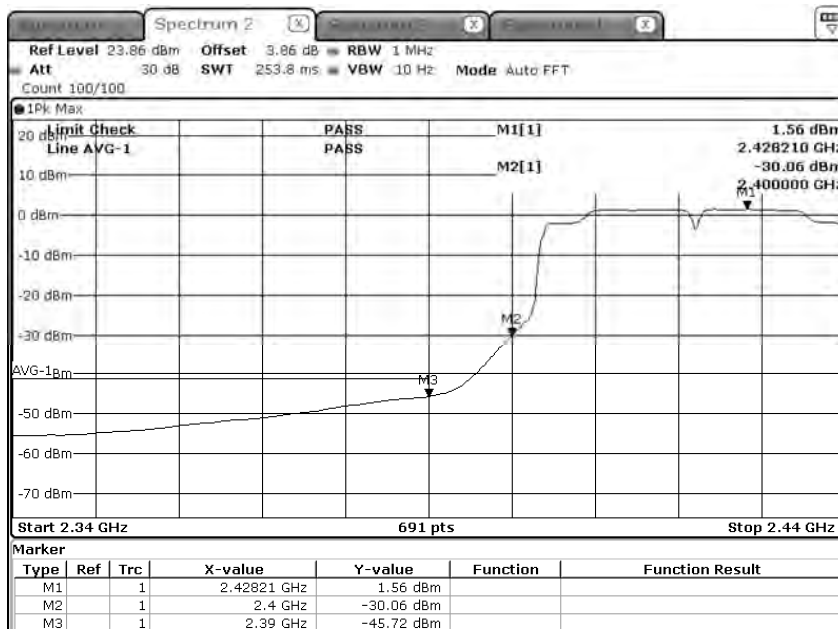
Product : Intel® Wi-Fi 6E AX211
 Test Item : Band Edge Data
 Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW_15Mbps) (2422MHz)
 Test Date : 2021/09/03

Peak:



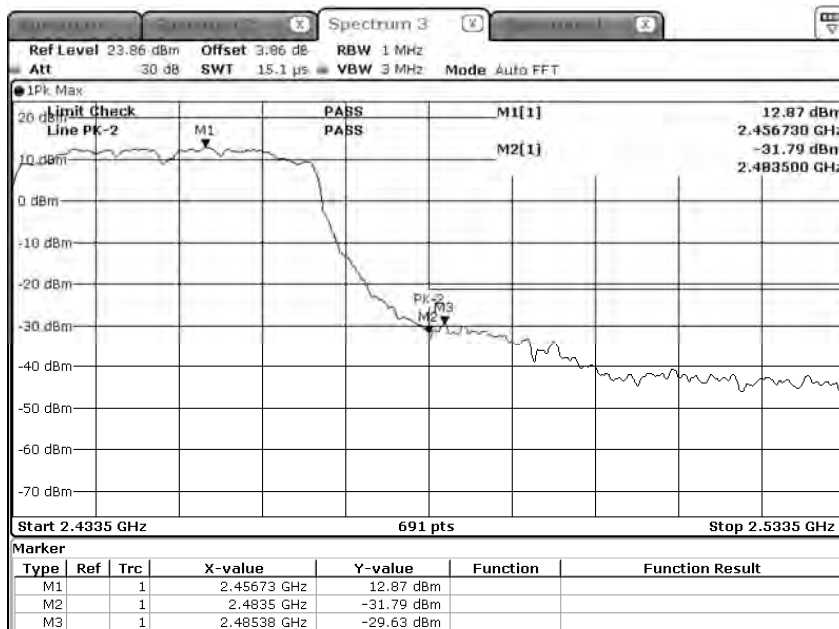
Date: 3.SEP.2021 09:06:35

Average:

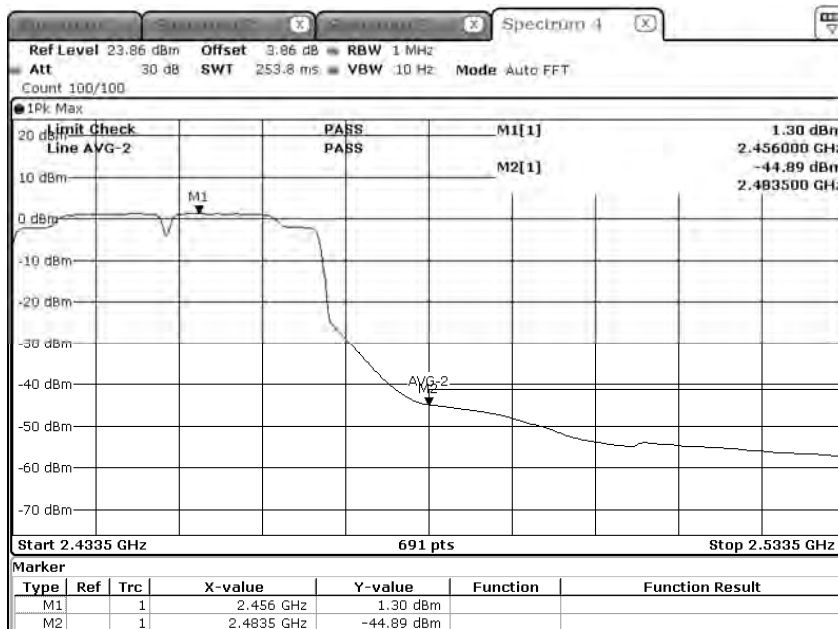


Date: 3.SEP.2021 09:04:45

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW_15Mbps) (2452MHz)
Test Date : 2021/09/03

Peak:

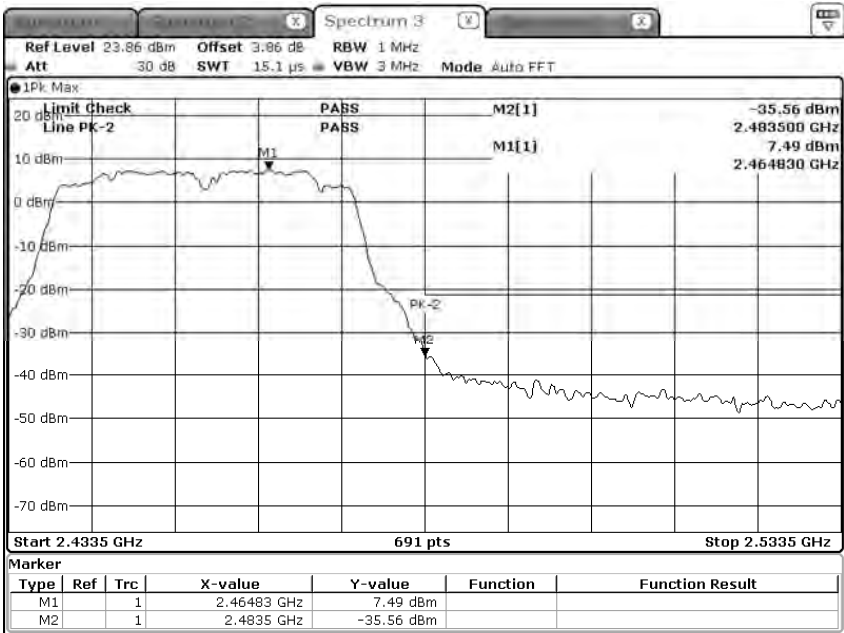
Date: 3.SEP.2021 09:11:07

Average:

Date: 3.SEP.2021 09:10:13

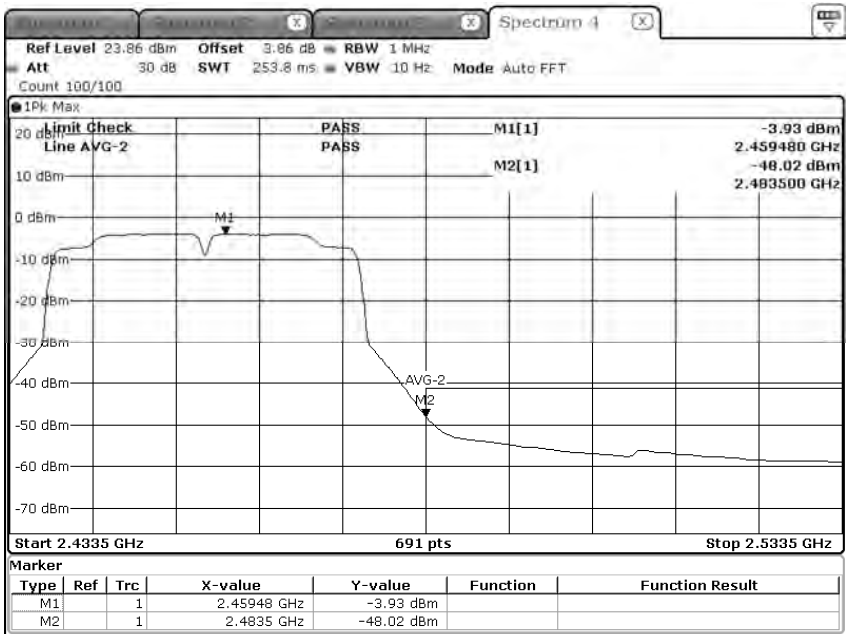
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW_15Mbps) (2457MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 09:37:59

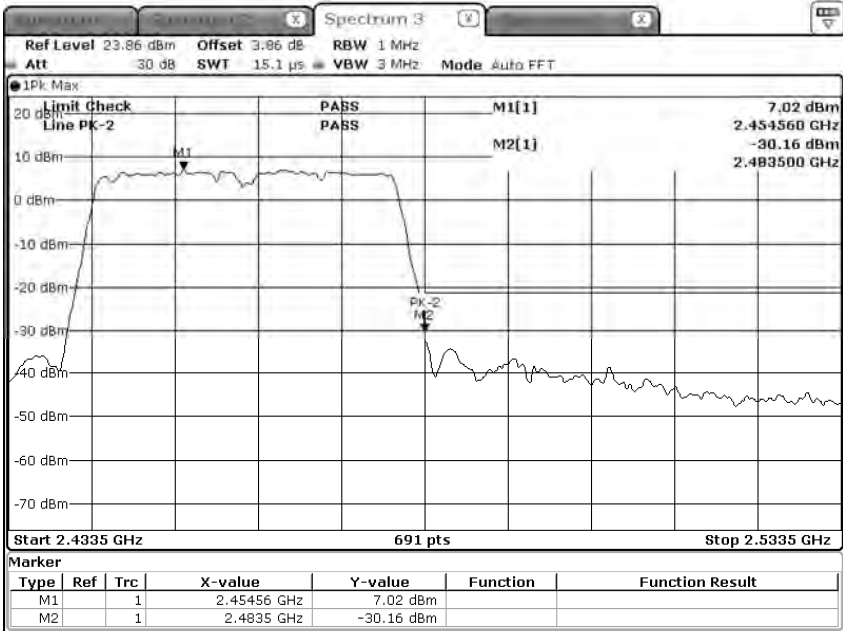
Average:



Date: 3.SEP.2021 09:37:07

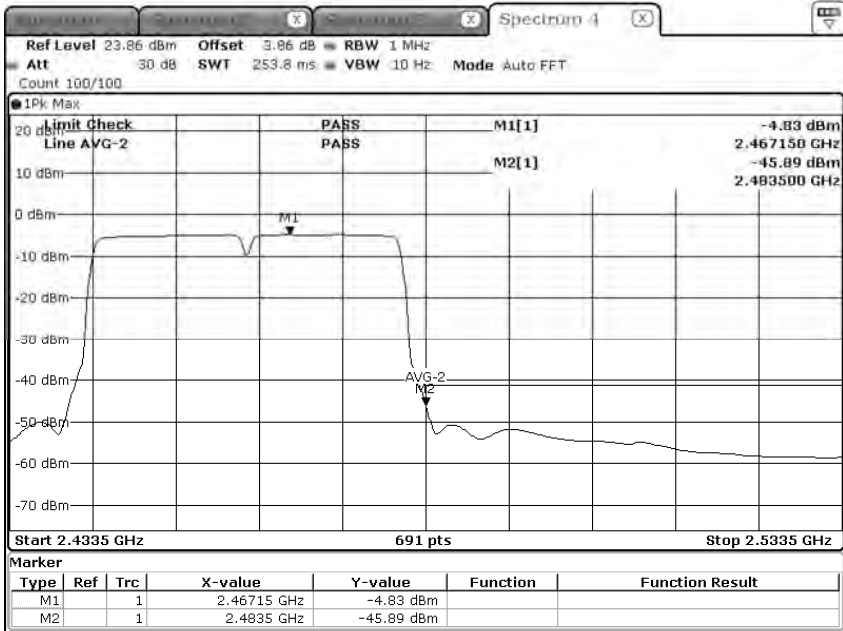
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW_15Mbps) (2462MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 09:42:48

Average:

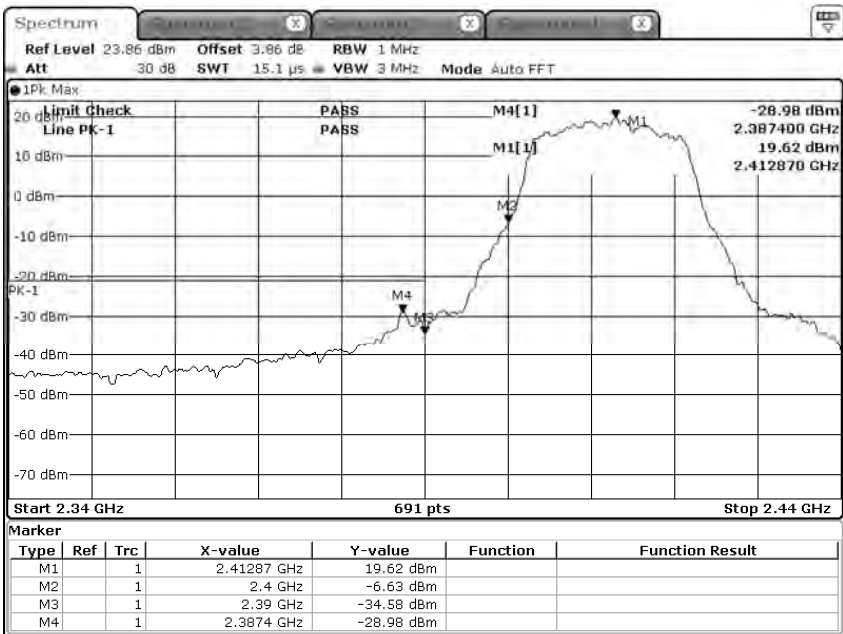


Date: 3.SEP.2021 09:41:11

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2412MHz)
Test Date : 2021/09/03

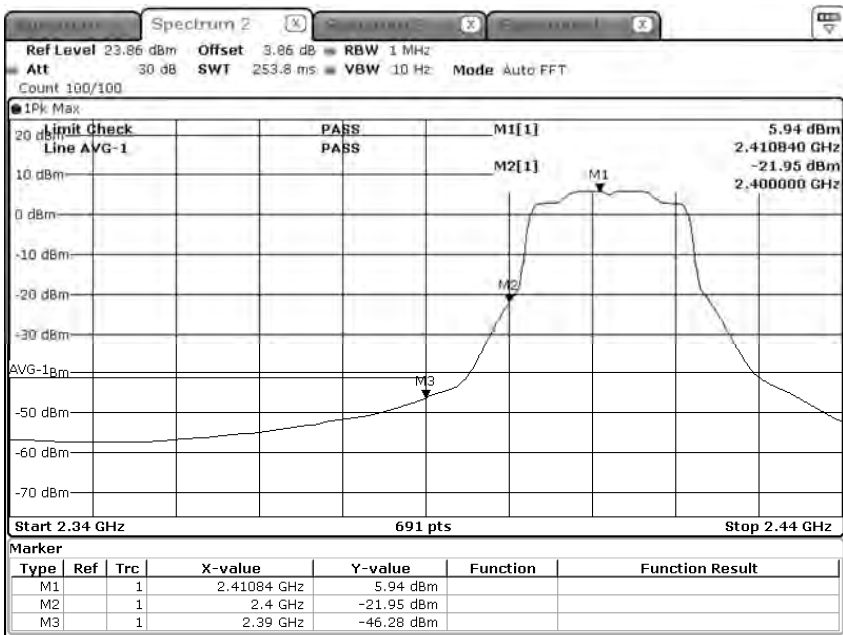
RU config: Full

Peak:



Date: 3.SEP.2021 09:52:46

Average:

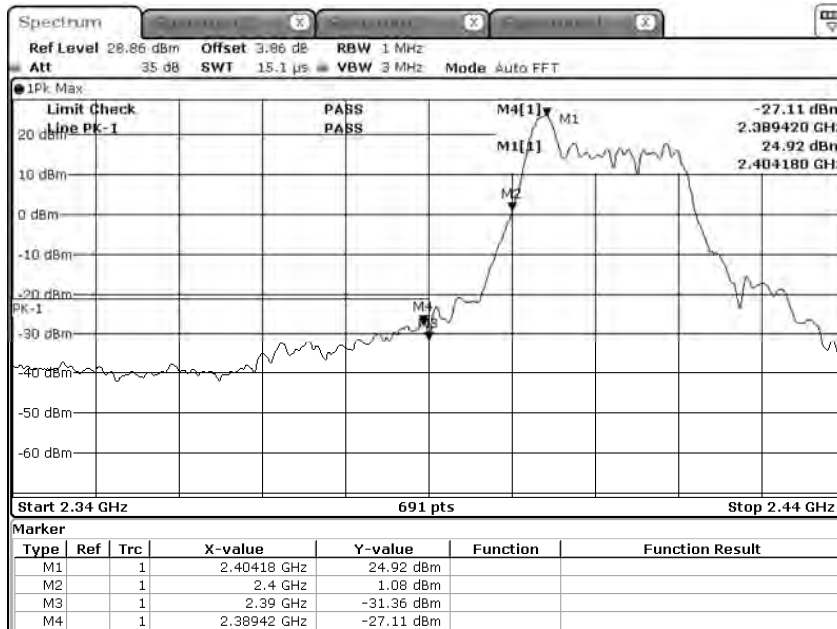


Date: 3.SEP.2021 09:50:56

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2412MHz)
Test Date : 2021/09/03

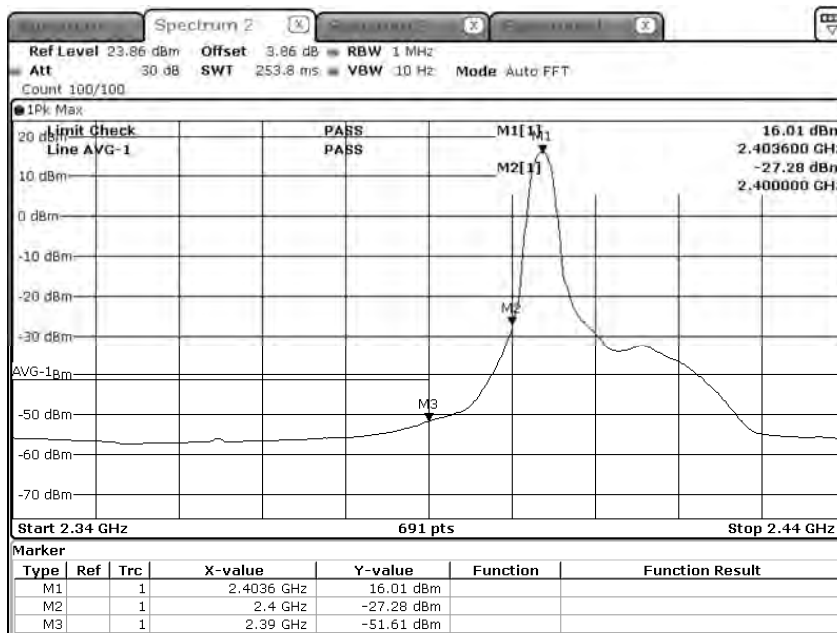
RU config: Other (RU setting: 26/0)

Peak:



Date: 8.SEP.2021 16:45:46

Average:

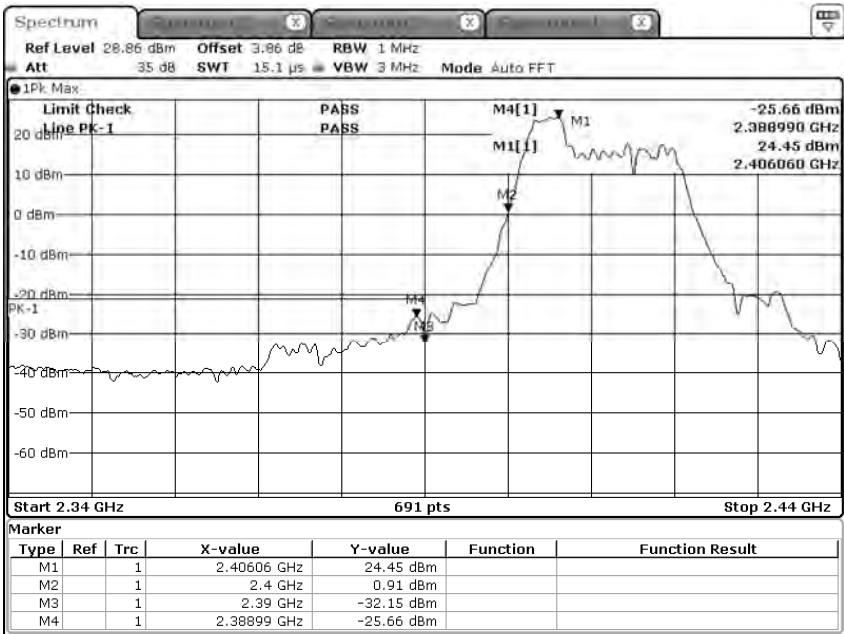


Date: 8.SEP.2021 16:44:39

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2412MHz)
Test Date : 2021/09/03

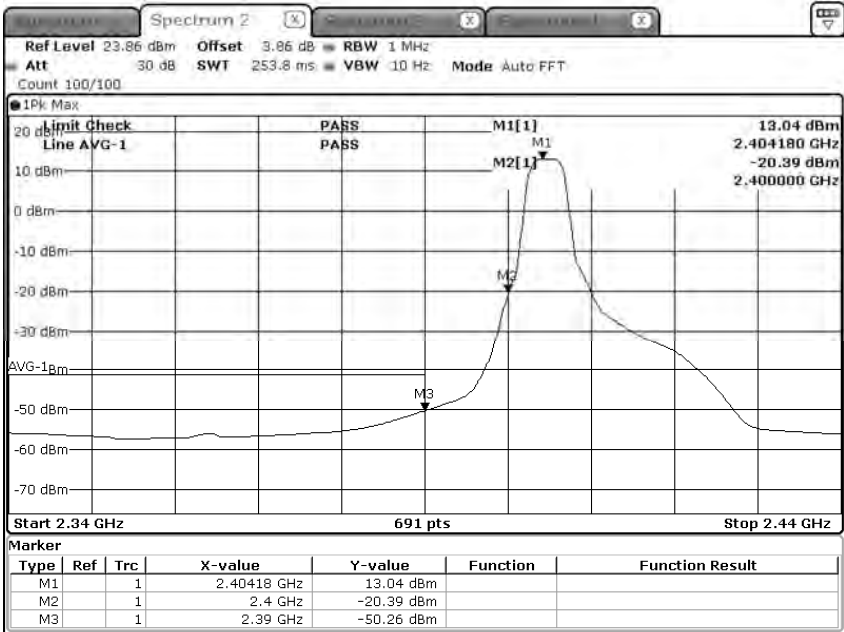
RU config: Other (RU setting: 52/37)

Peak:



Date: 8.SEP.2021 16:51:07

Average:

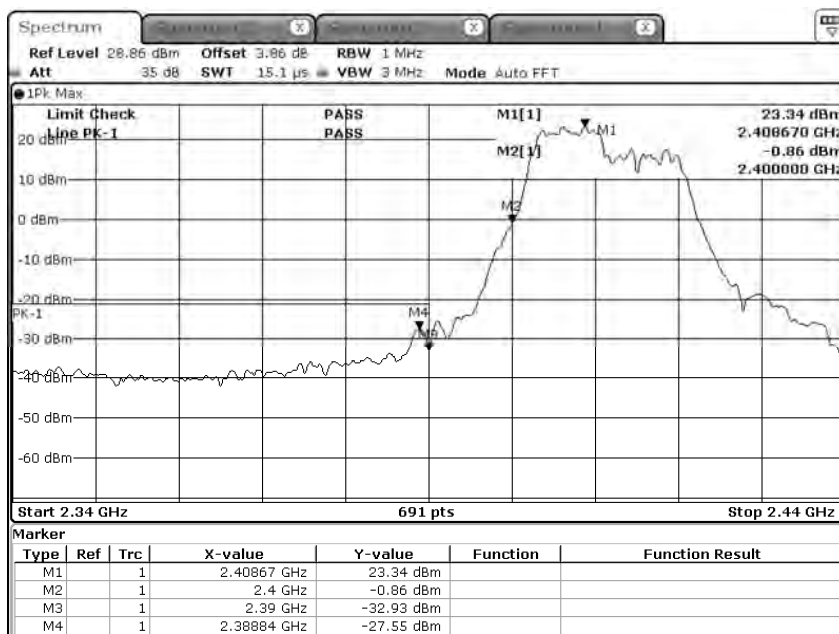


Date: 8.SEP.2021 16:50:05

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2412MHz)
Test Date : 2021/09/03

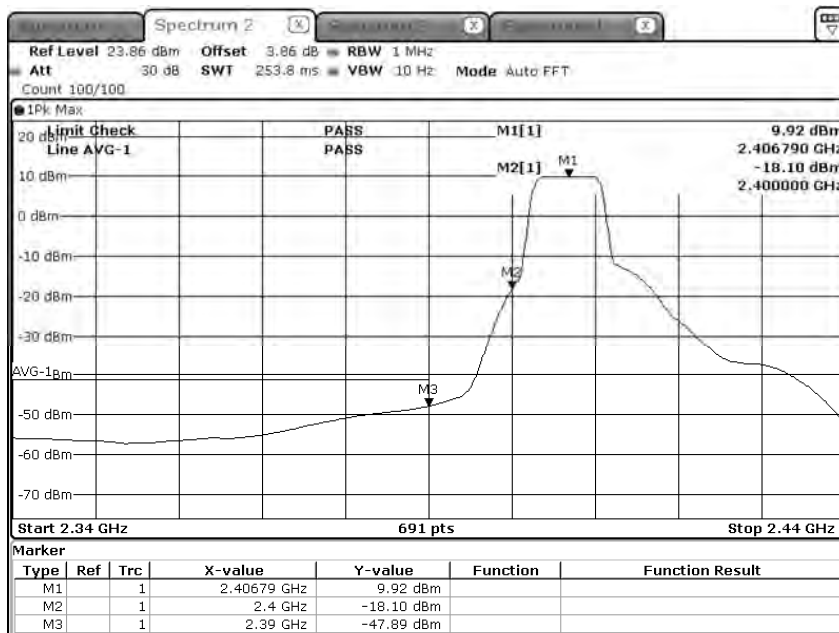
RU config: Other (RU setting: 106/53)

Peak:



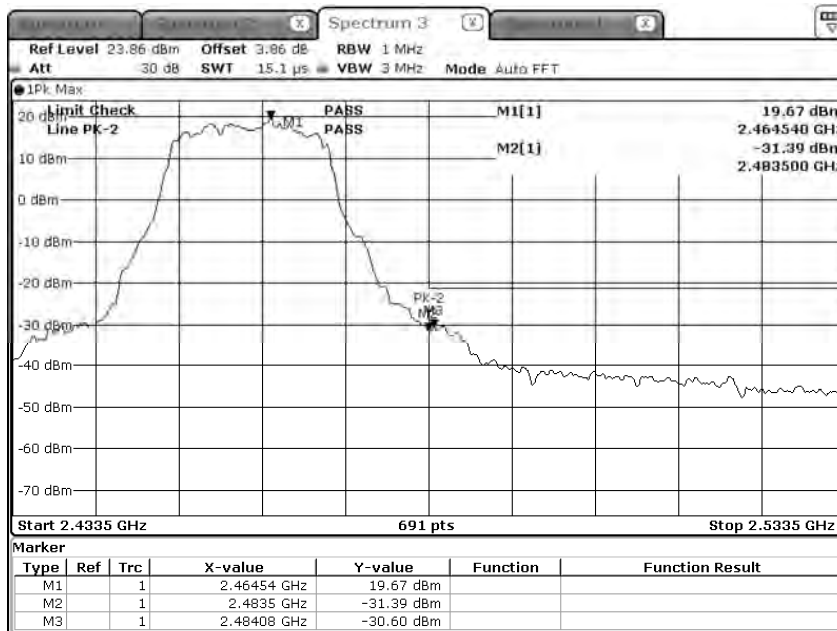
Date: 8.SEP.2021 16:55:57

Average:

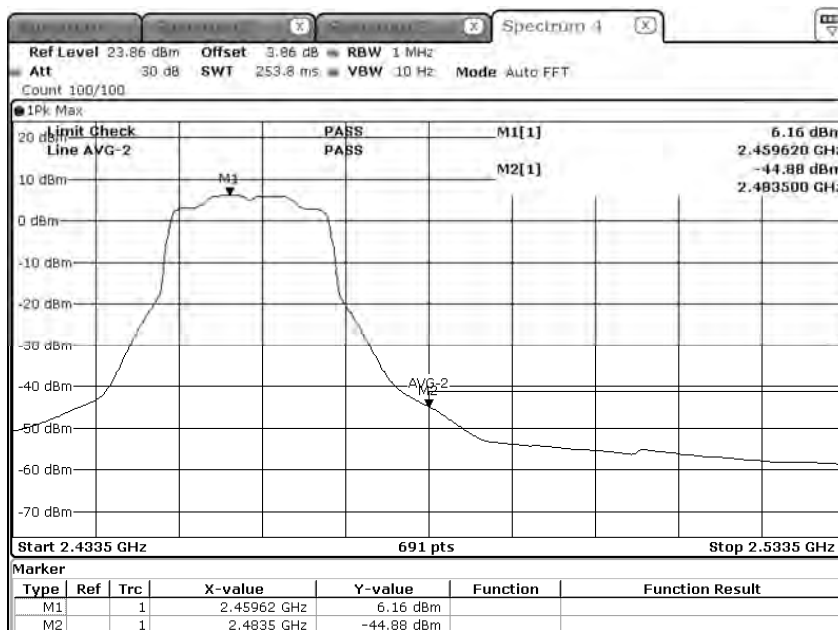


Date: 8.SEP.2021 16:54:49

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2462MHz)
Test Date : 2021/09/03

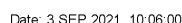
Peak:

Date: 3.SEP.2021 09:58:36

Average:

Date: 3.SEP.2021 09:57:06

Peak:

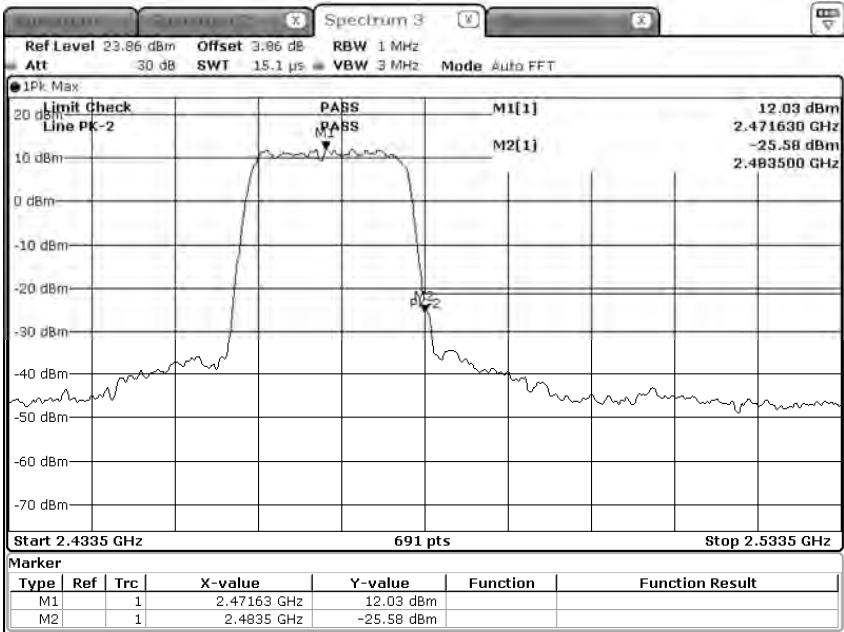


Date: 3.SEP.2021 10:05:25

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2472MHz)
Test Date : 2021/09/03

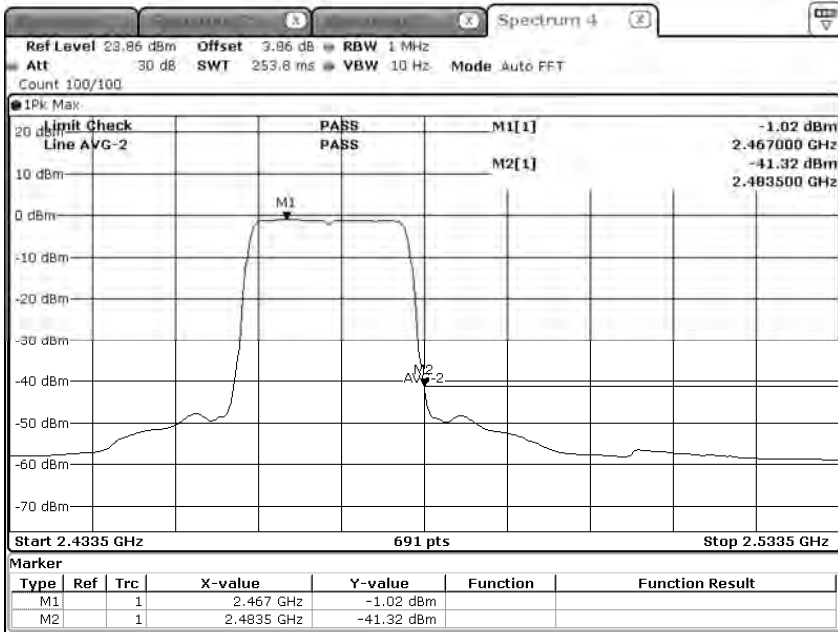
RU config: Full

Peak:



Date: 3.SEP.2021 10:12:19

Average:

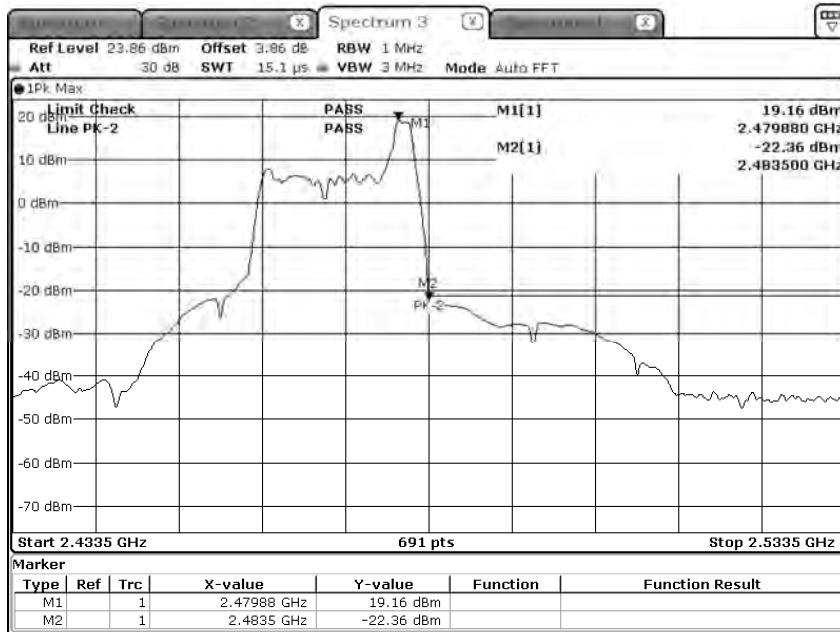


Date: 3.SEP.2021 10:11:33

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2472MHz)
Test Date : 2021/09/03

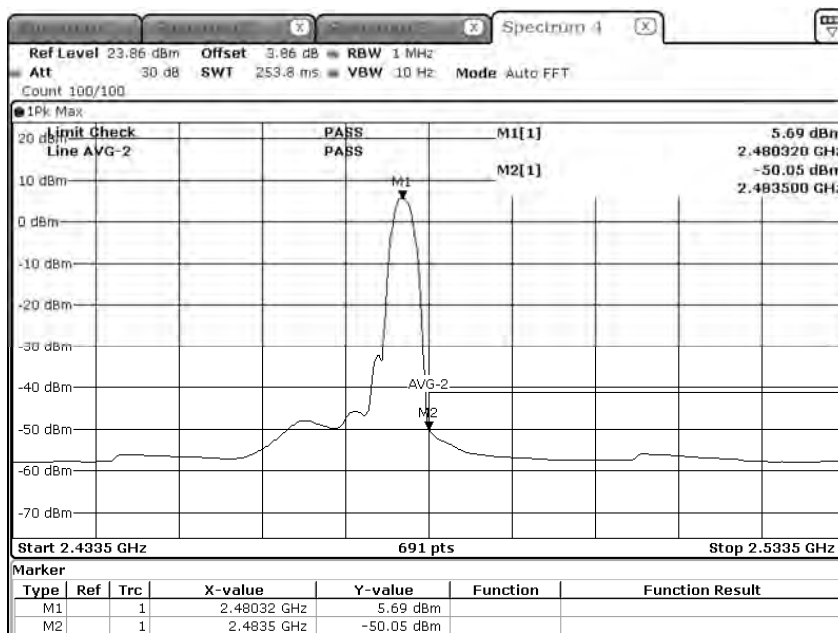
RU config: Other (RU setting: 26/8)

Peak:



Date: 8.SEP.2021 17:02:27

Average:

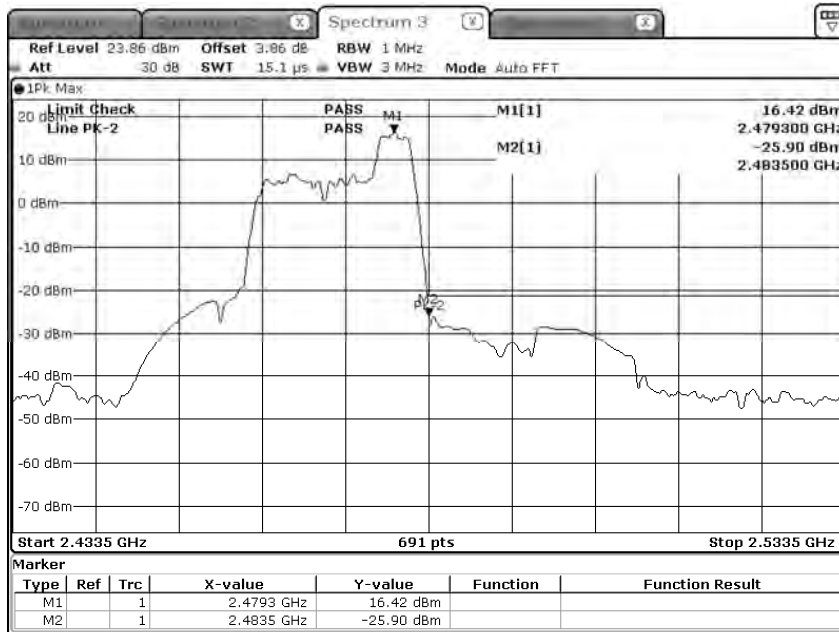


Date: 8.SEP.2021 16:59:28

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2472MHz)
Test Date : 2021/09/03

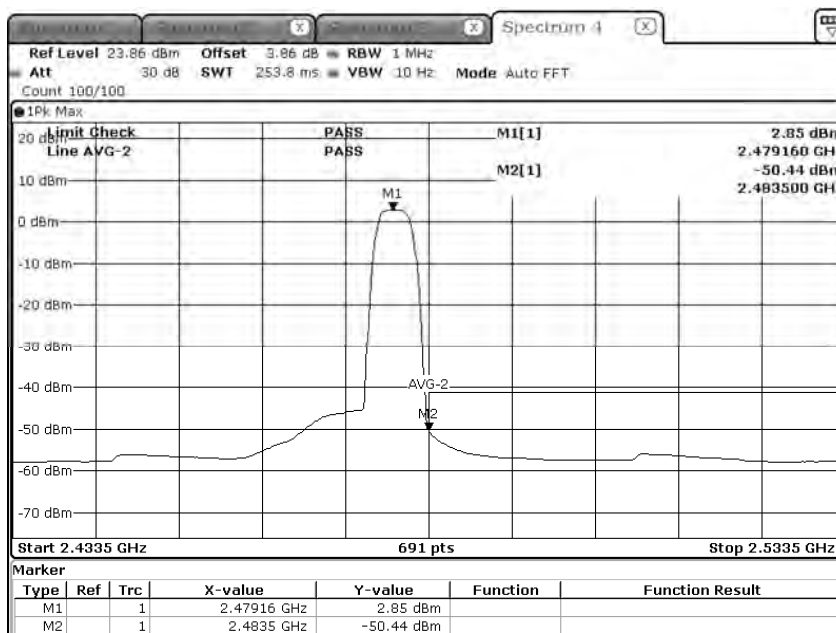
RU config: Other (RU setting: 52/40)

Peak:



Date: 8.SEP.2021 17:08:28

Average:

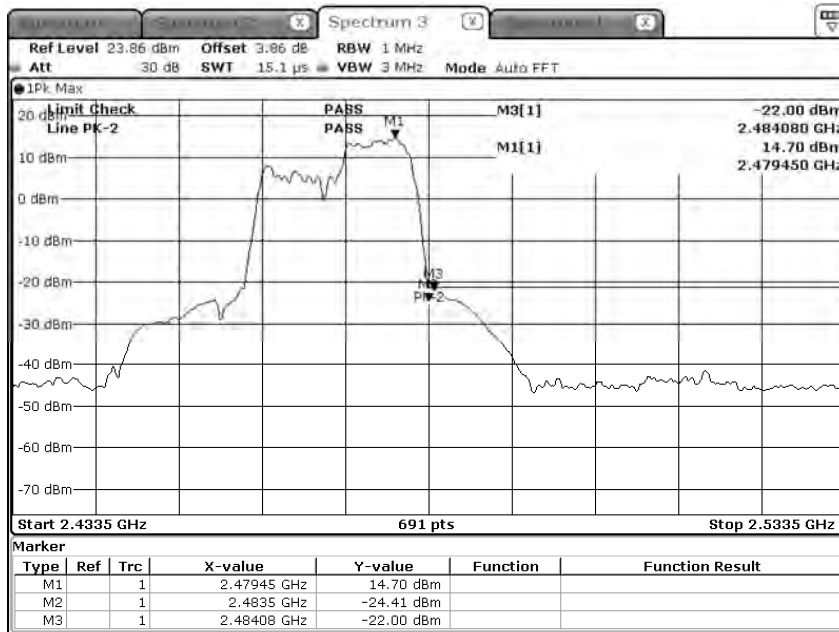


Date: 8.SEP.2021 17:07:02

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW_8.6Mbps) (2472MHz)
Test Date : 2021/09/03

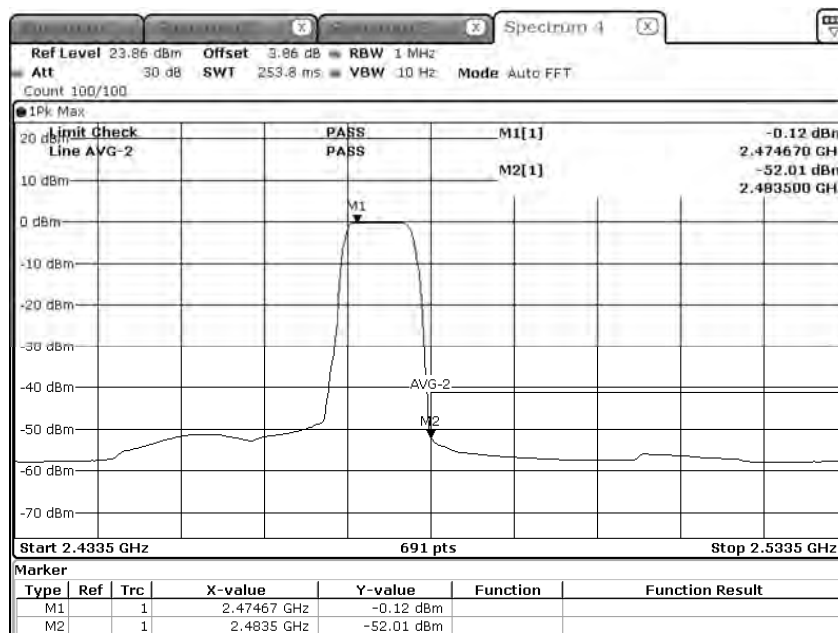
RU config: Other (RU setting: 106/54)

Peak:



Date: 8.SEP.2021 17:14:25

Average:

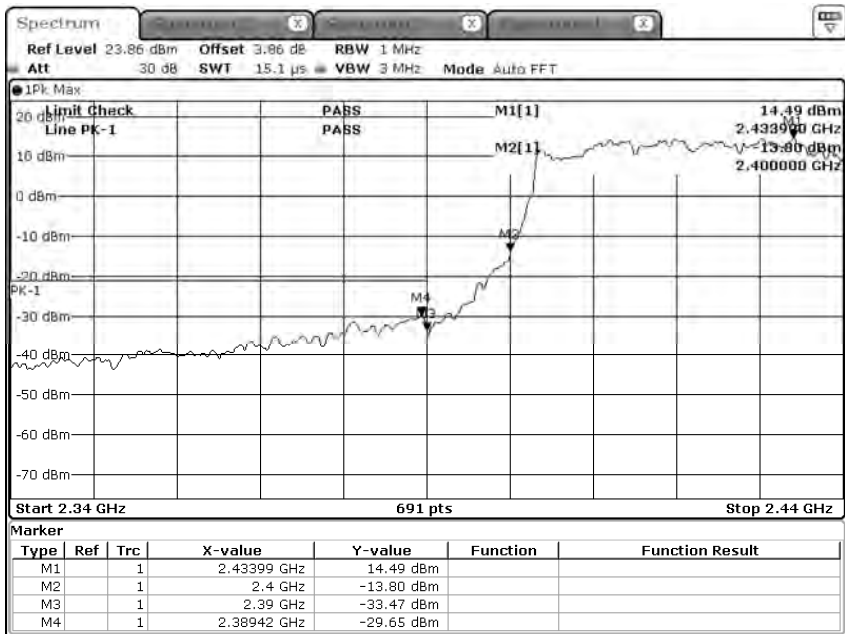


Date: 8.SEP.2021 17:12:03

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps) (2422MHz)
Test Date : 2021/09/03

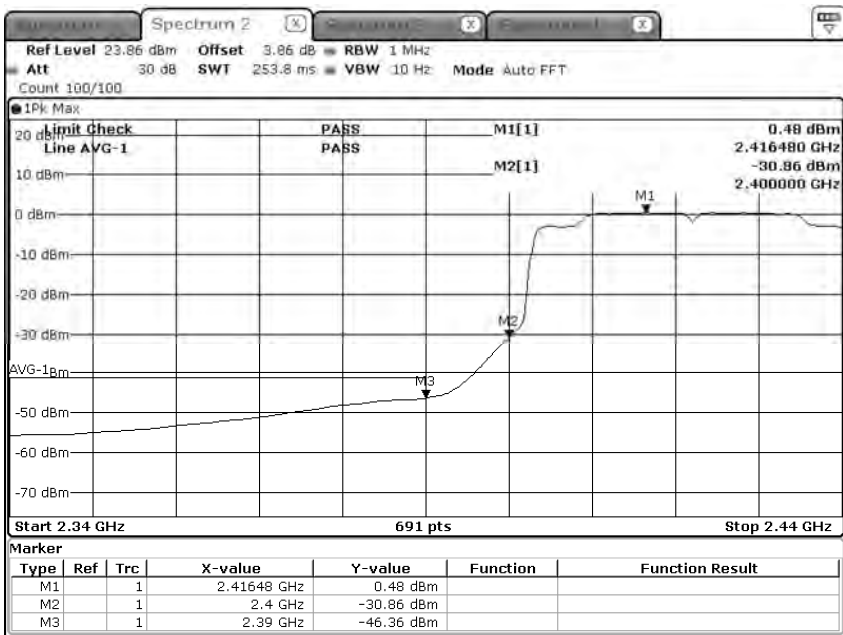
RU config: Full

Peak:



Date: 3.SEP.2021 10:17:34

Average:

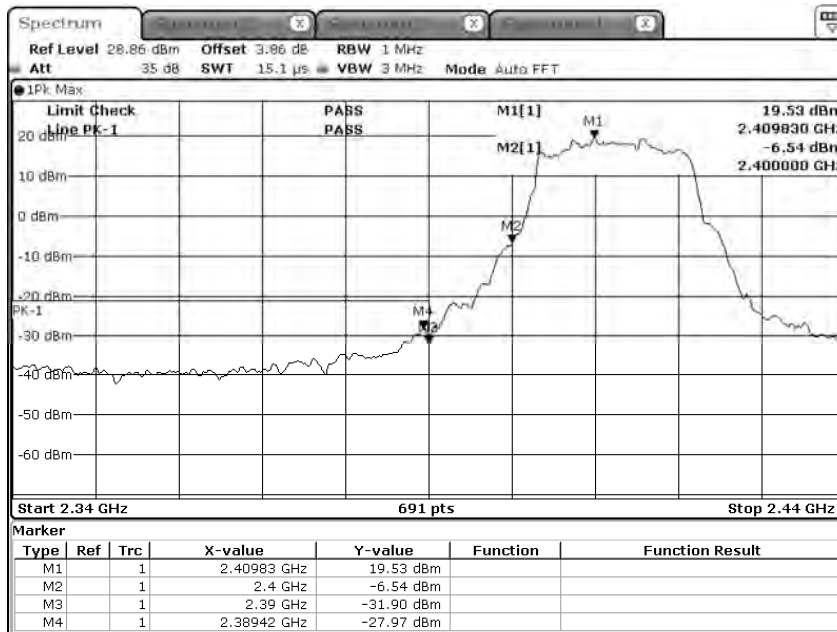


Date: 3.SEP.2021 10:16:00

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps) (2422MHz)
Test Date : 2021/09/03

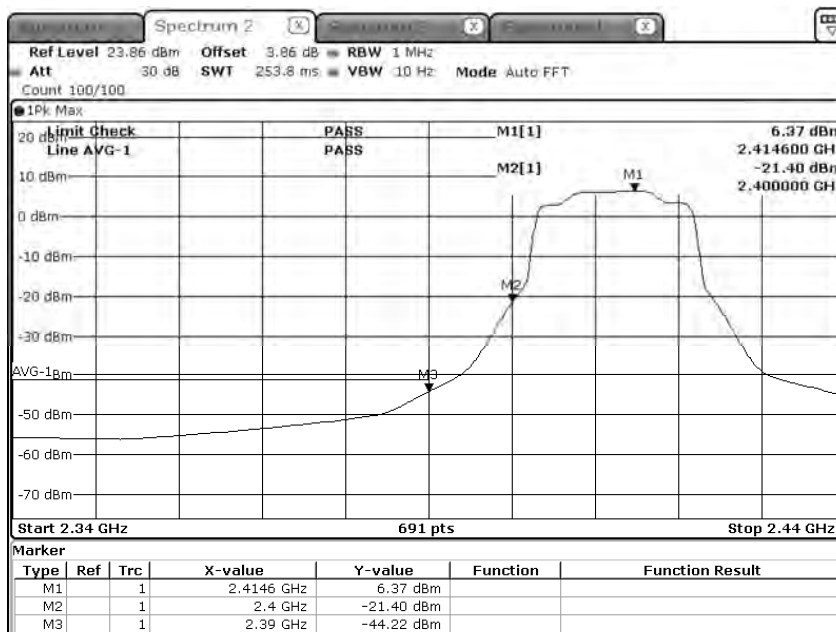
RU config: Other (RU setting: 242/61)

Peak:



Date: 8.SEP.2021 17:20:31

Average:

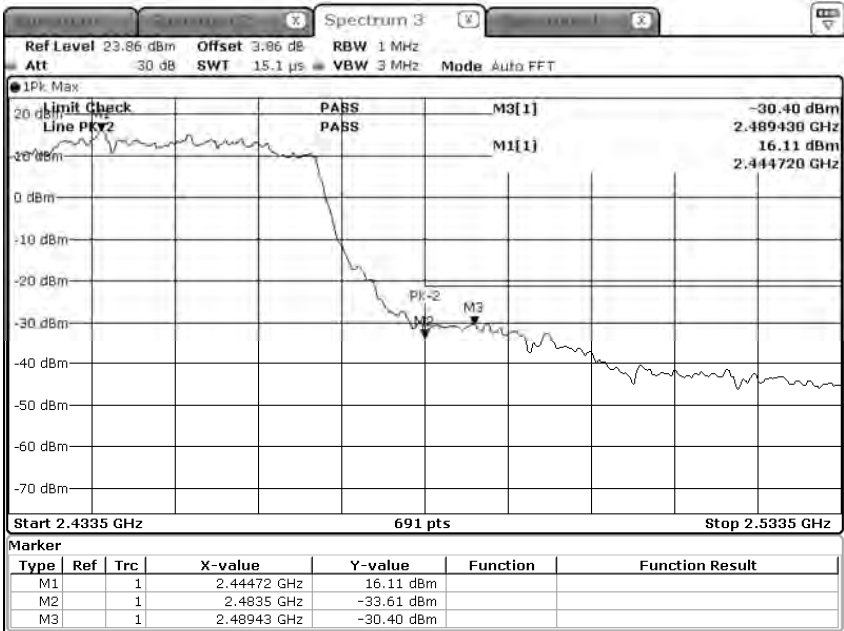


Date: 8.SEP.2021 17:19:30

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps) (2452MHz)
Test Date : 2021/09/03

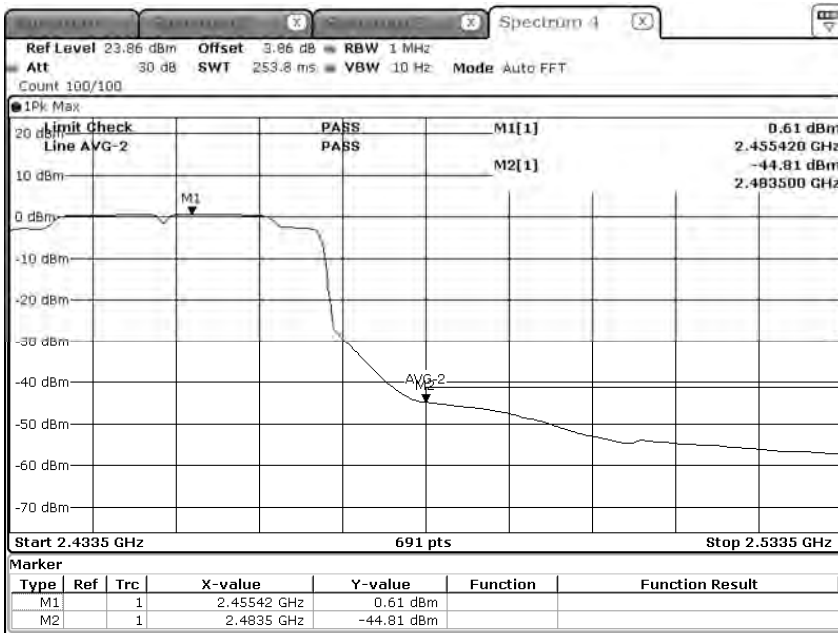
RU config: Full

Peak:



Date: 3.SEP.2021 10:24:52

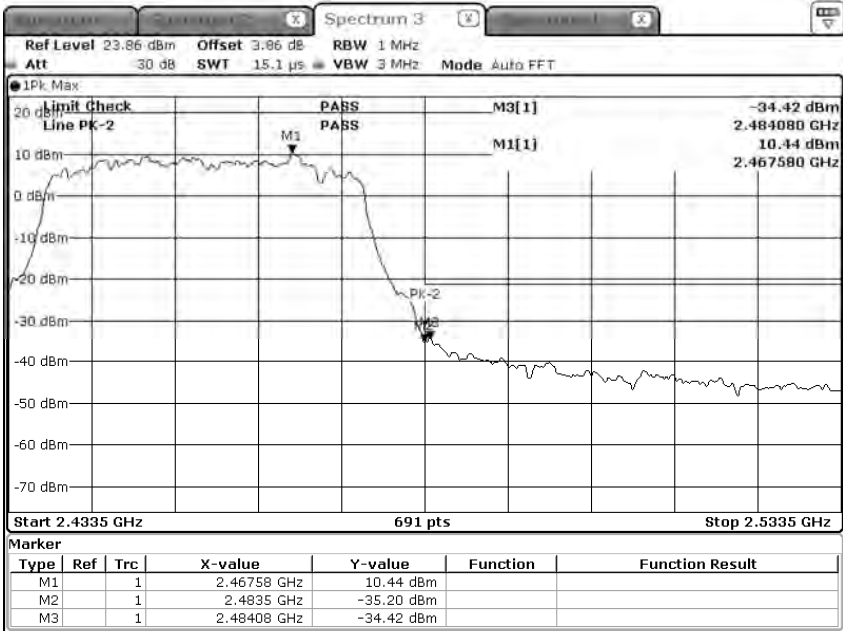
Average:



Date: 3.SEP.2021 10:23:23

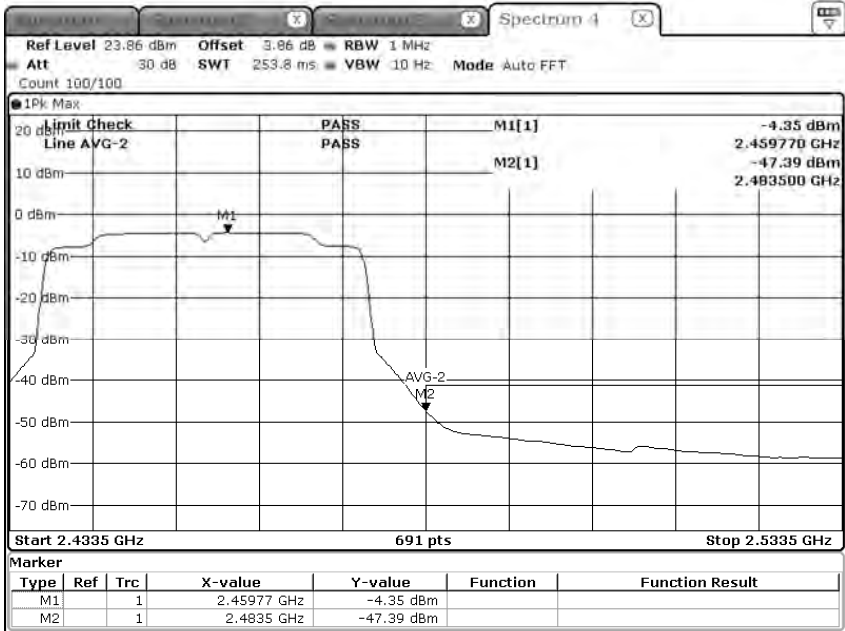
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps) (2457MHz)
Test Date : 2021/09/03

Peak:



Date: 3.SEP.2021 10:31:35

Average:

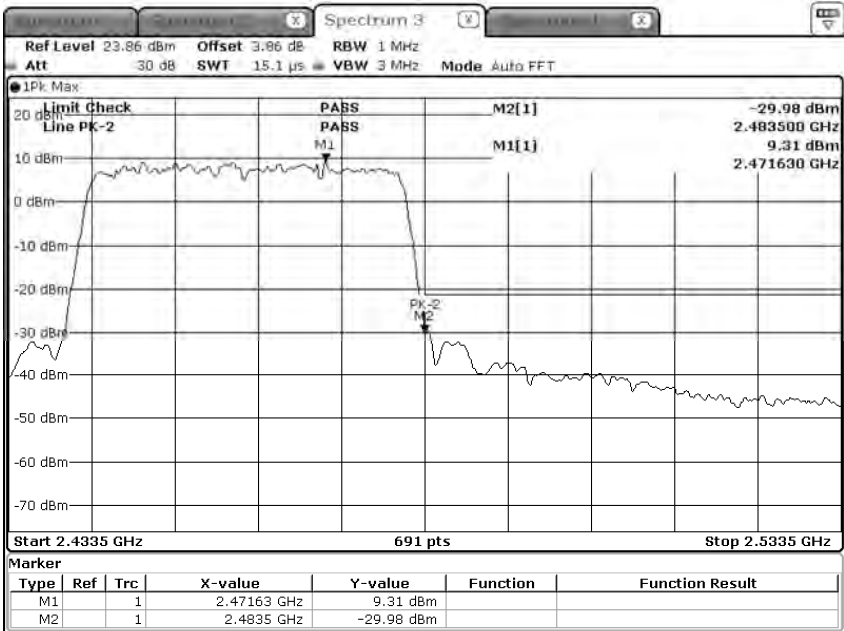


Date: 3.SEP.2021 10:29:58

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps) (2462MHz)
Test Date : 2021/09/03

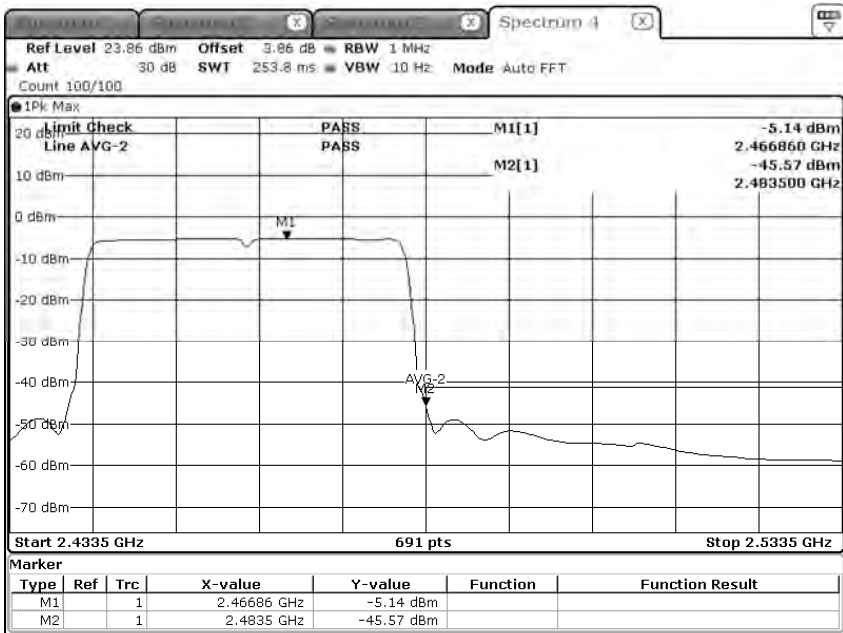
RU config: Full

Peak:



Date: 3.SEP.2021 10:37:21

Average:

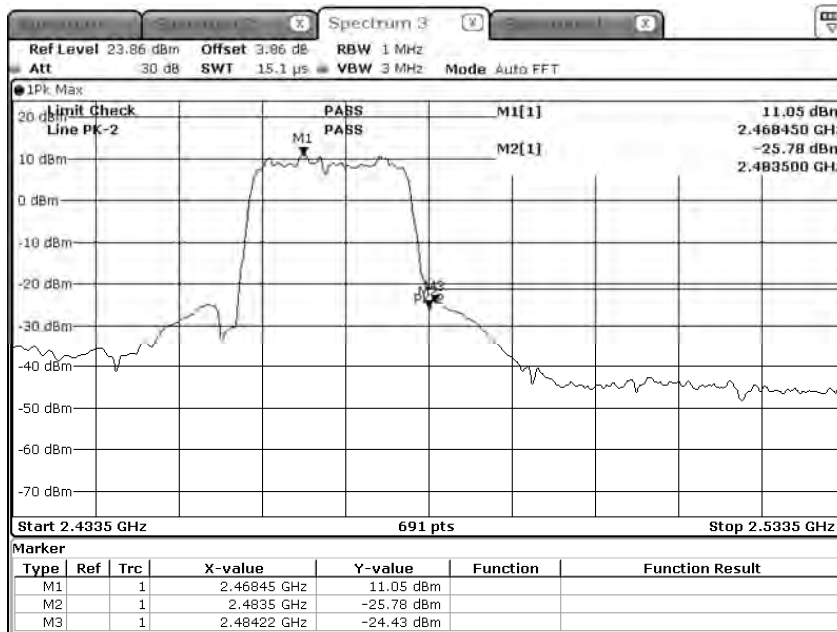


Date: 3.SEP.2021 10:35:05

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW_17.2Mbps) (2462MHz)
Test Date : 2021/09/08

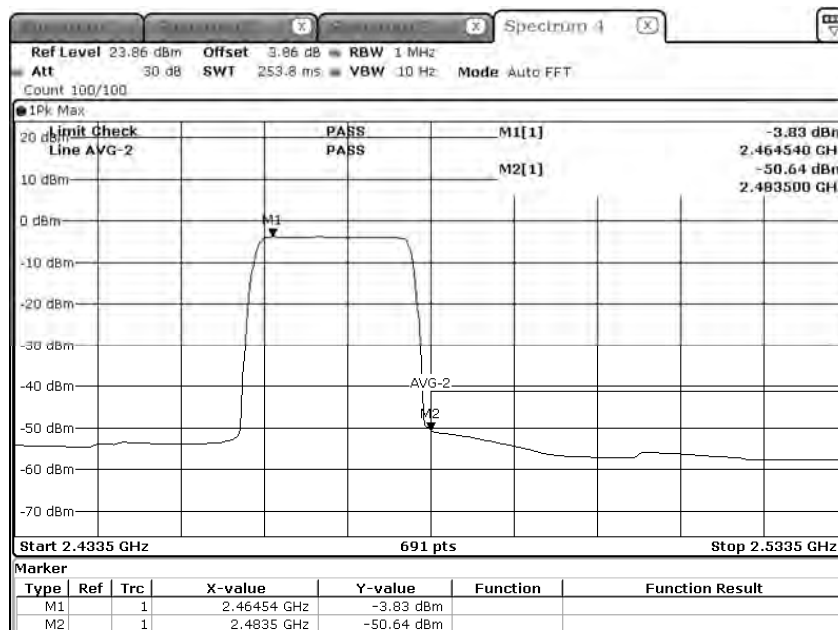
RU config: Other (RU setting: 242/62)

Peak:



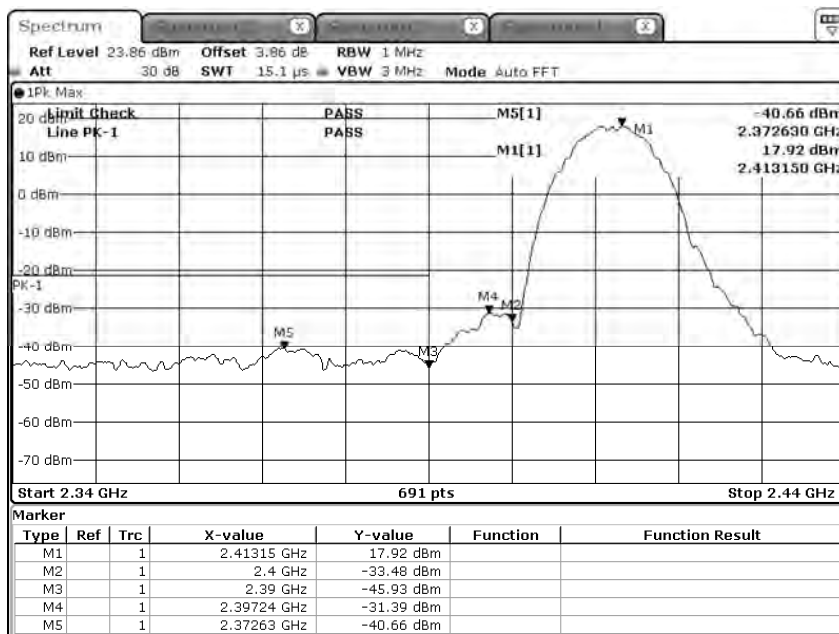
Date: 8.SEP.2021 17:32:42

Average:

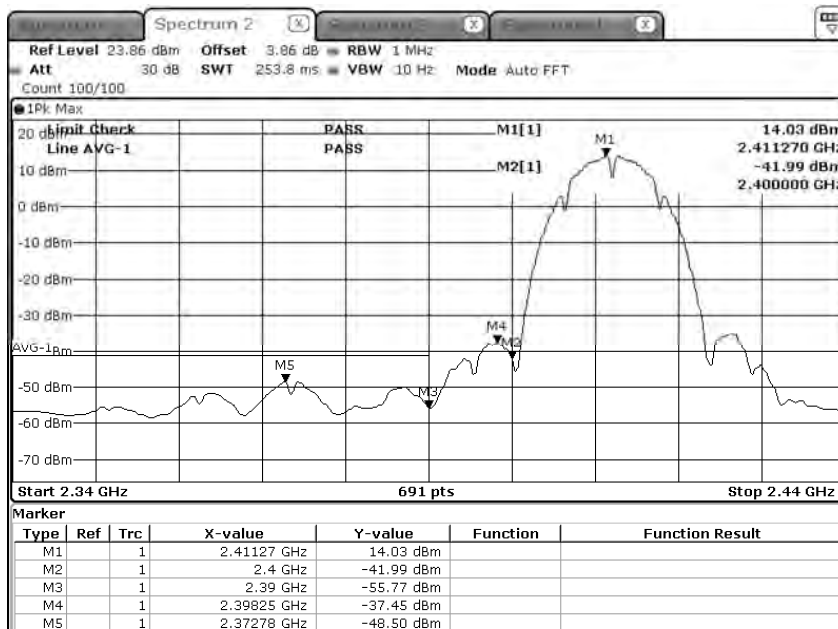


Date: 8.SEP.2021 17:31:28

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 7 SISO B: Transmit (802.11b_1Mbps) (2412MHz)
Test Date : 2021/09/06

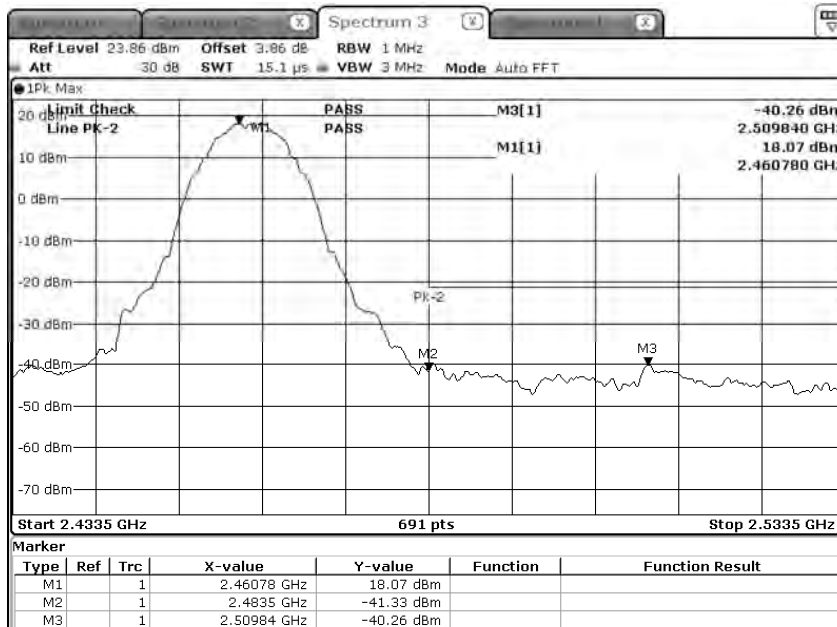
Peak:

Date: 6 SEP.2021 04:07:06

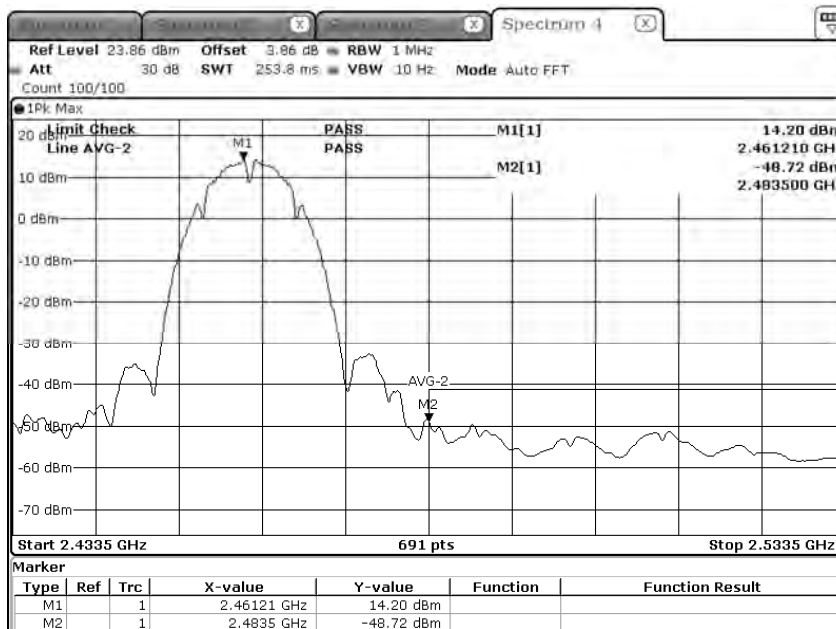
Average:

Date: 6 SEP.2021 04:04:38

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 7 SISO B: Transmit (802.11b_1Mbps) (2462MHz)
Test Date : 2021/09/06

Peak:

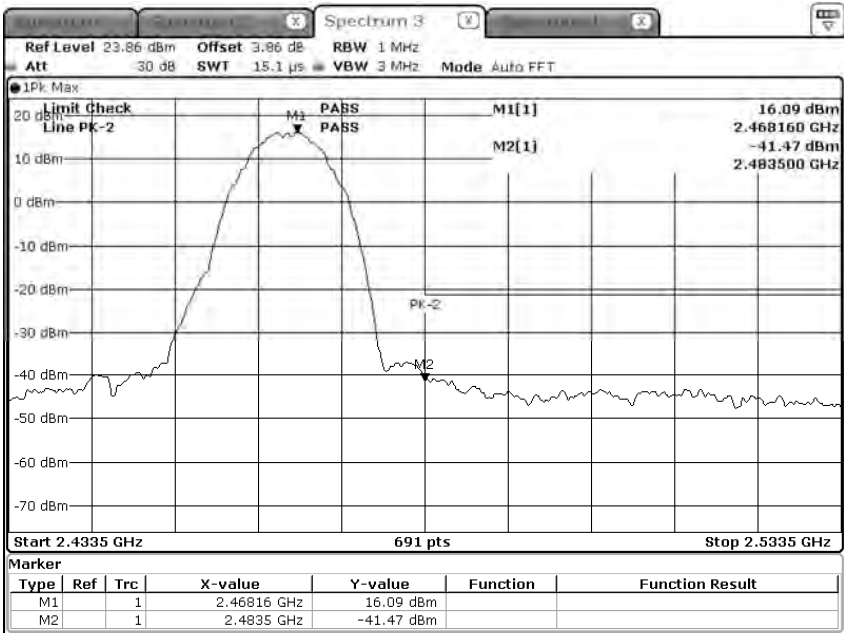
Date: 6.SEP.2021 04:21:16

Average:

Date: 6.SEP.2021 04:19:51

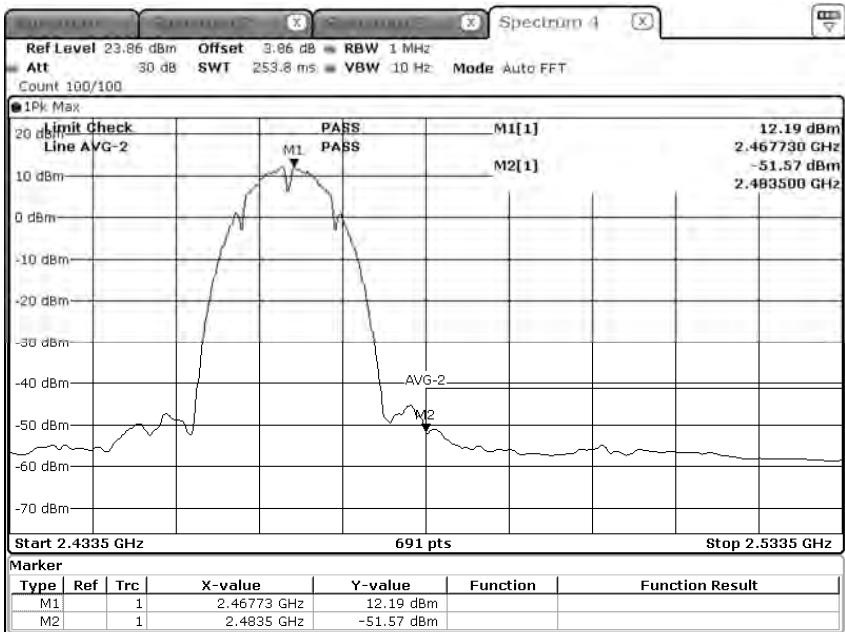
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 7 SISO B: Transmit (802.11b_1Mbps) (2467MHz)
Test Date : 2021/09/06

Peak:



Date: 6 SEP.2021 04:28:58

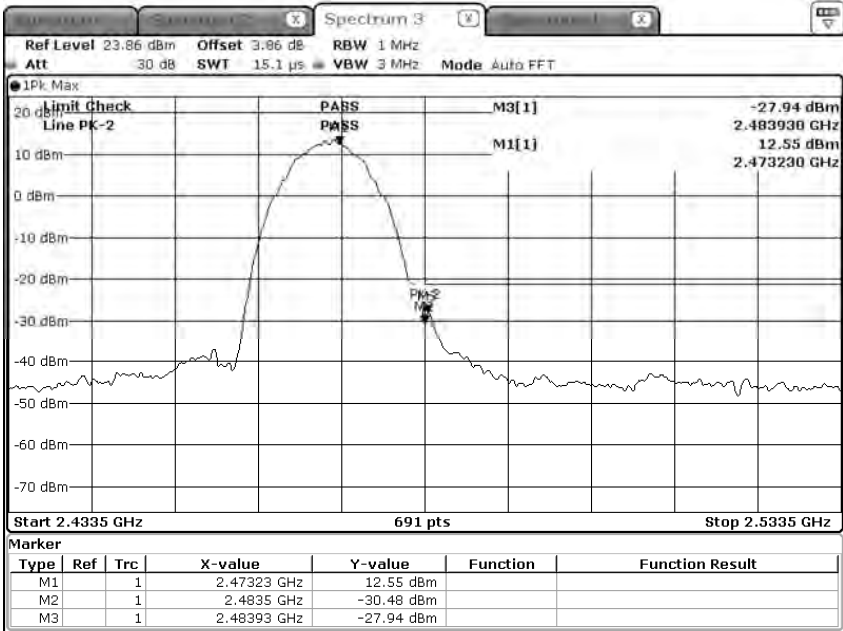
Average:



Date: 6 SEP.2021 04:25:26

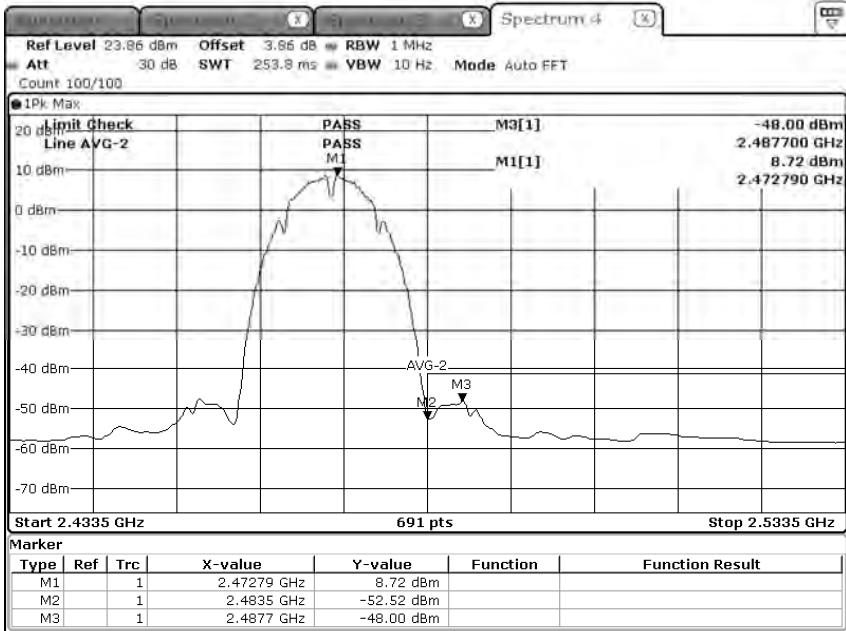
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 7 SISO B: Transmit (802.11b_1Mbps) (2472MHz)
Test Date : 2021/09/06

Peak:



Date: 6.SEP.2021 04:41:57

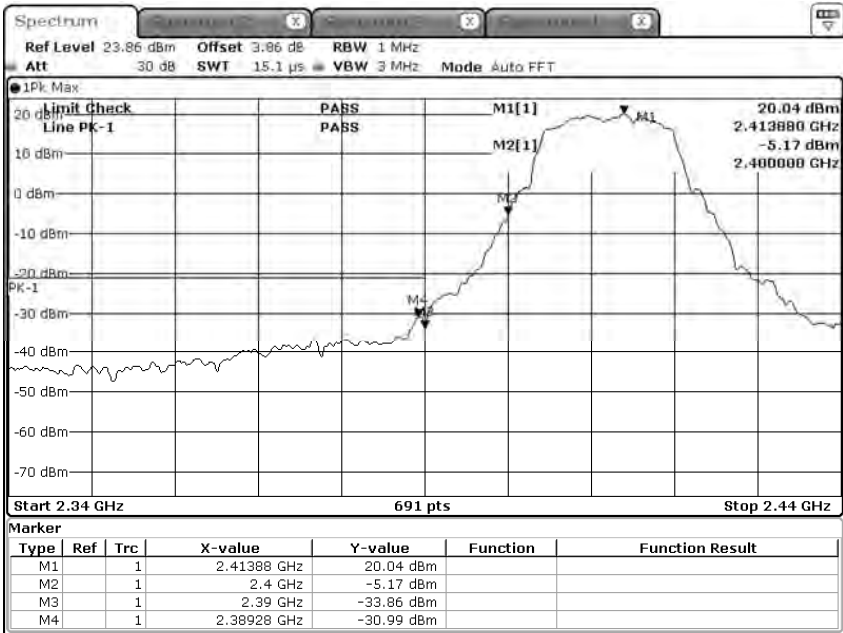
Average:



Date: 6.SEP.2021 04:39:00

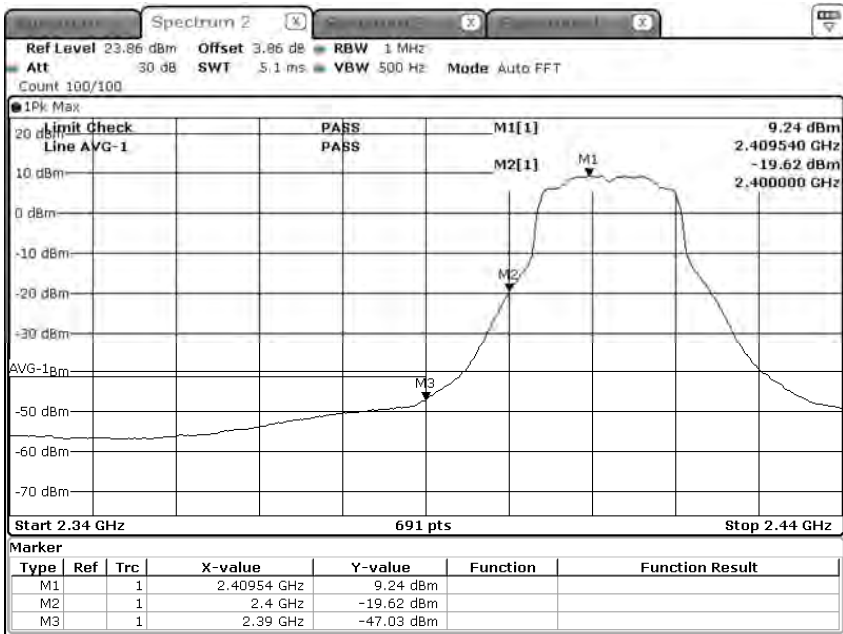
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 8 SISO B: Transmit (802.11g_6Mbps) (2412MHz)
Test Date : 2021/09/06

Peak:



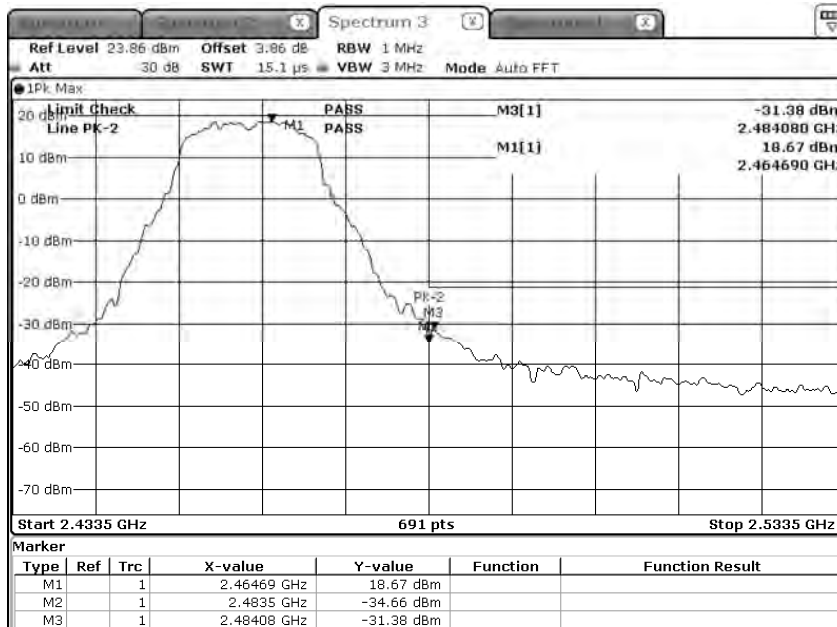
Date: 6.SEP.2021 05:10:31

Average:

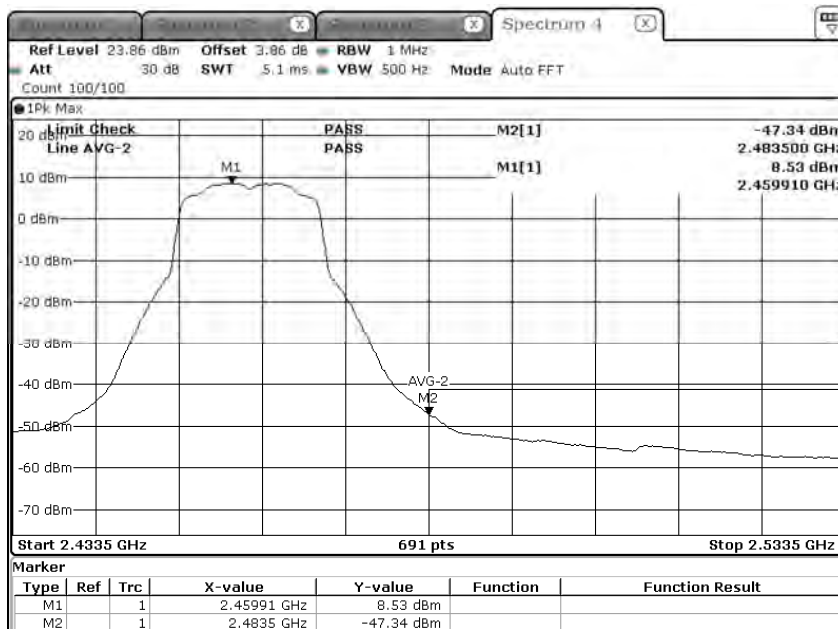


Date: 6.SEP.2021 05:08:24

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 8 SISO B: Transmit (802.11g_6Mbps) (2462MHz)
Test Date : 2021/09/06

Peak:

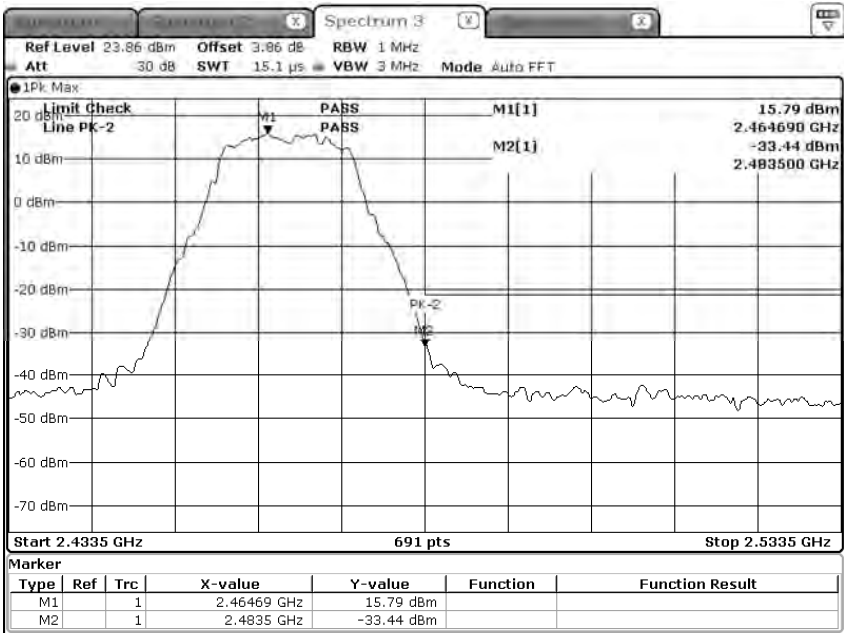
Date: 6.SEP.2021 07:25:27

Average:

Date: 6.SEP.2021 07:24:26

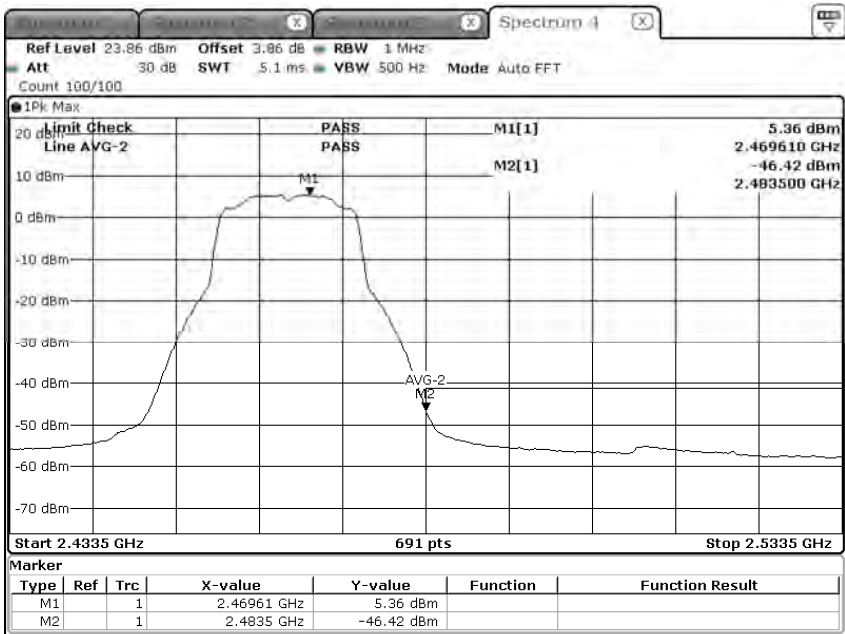
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 8 SISO B: Transmit (802.11g_6Mbps) (2467MHz)
Test Date : 2021/09/06

Peak:



Date: 6.SEP.2021 07:27:47

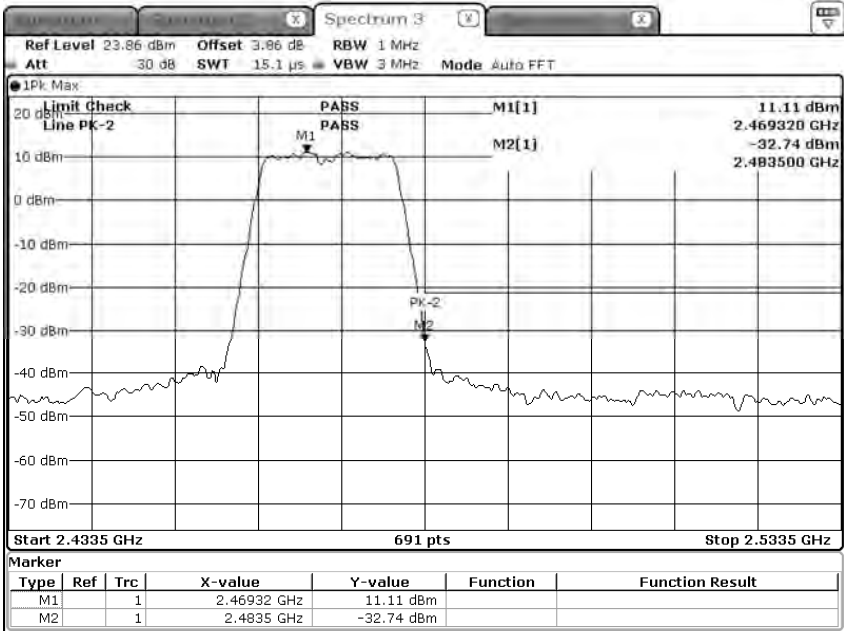
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Date: 6.SEP.2021 07:26:40

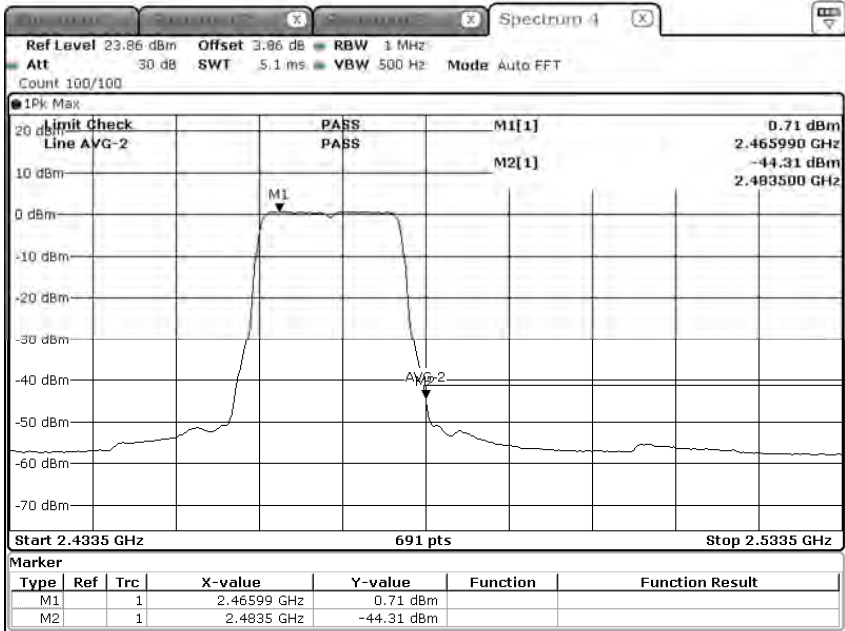
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 8 SISO B: Transmit (802.11g_6Mbps) (2472MHz)
Test Date : 2021/09/06

Peak:



Date: 6.SEP.2021 07:29:27

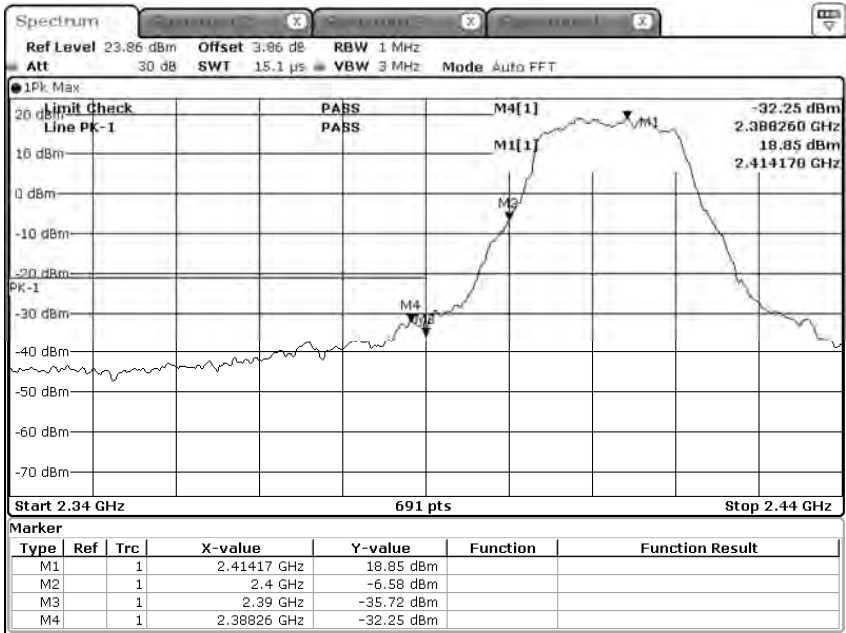
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Date: 6.SEP.2021 07:28:49

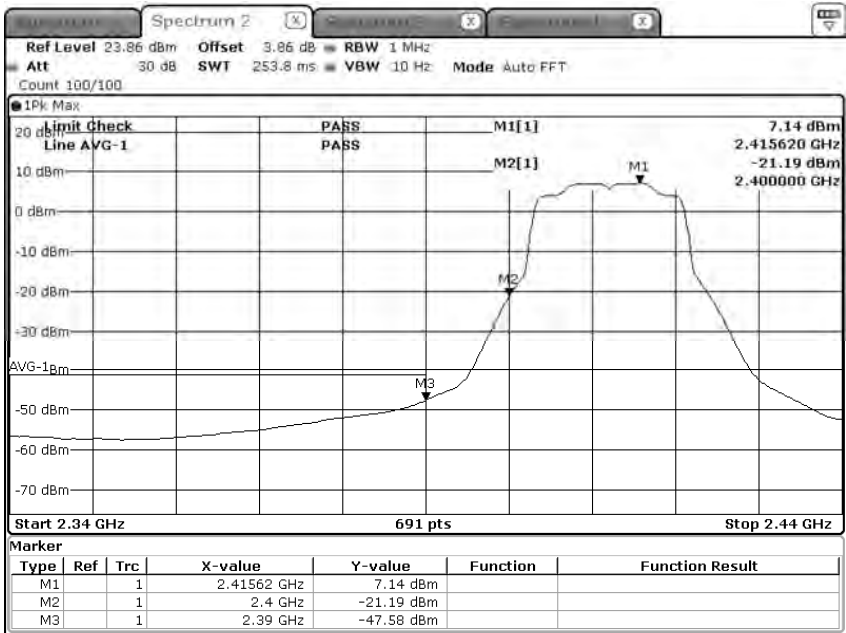
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 9 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2412MHz)
Test Date : 2021/09/06

Peak:



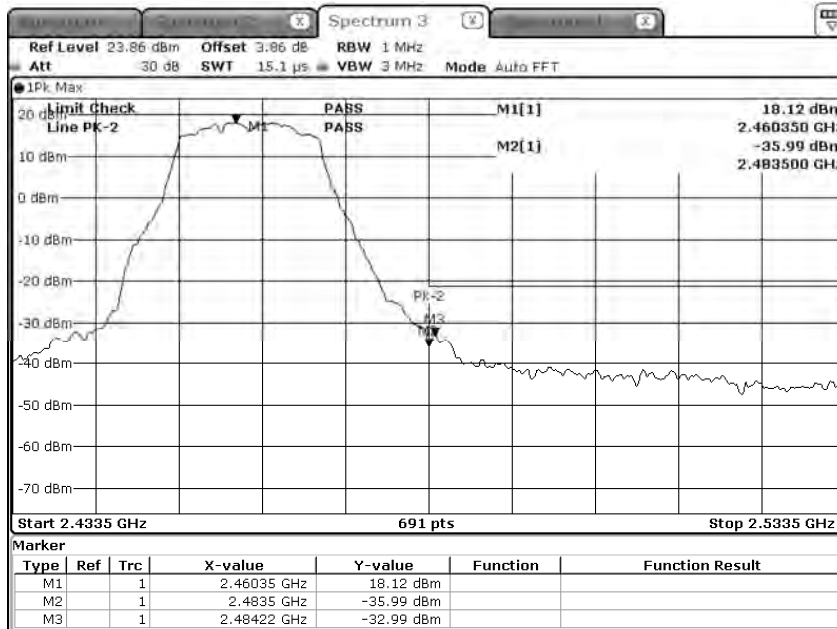
Date: 6.SEP.2021 07:36:04

Average:

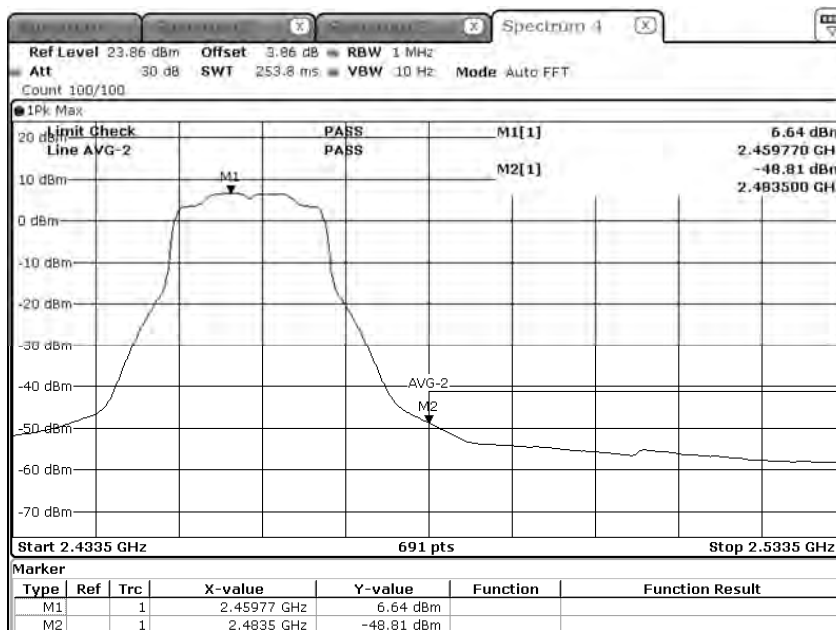


Date: 6.SEP.2021 07:34:10

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 9 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2462MHz)
Test Date : 2021/09/06

Peak:

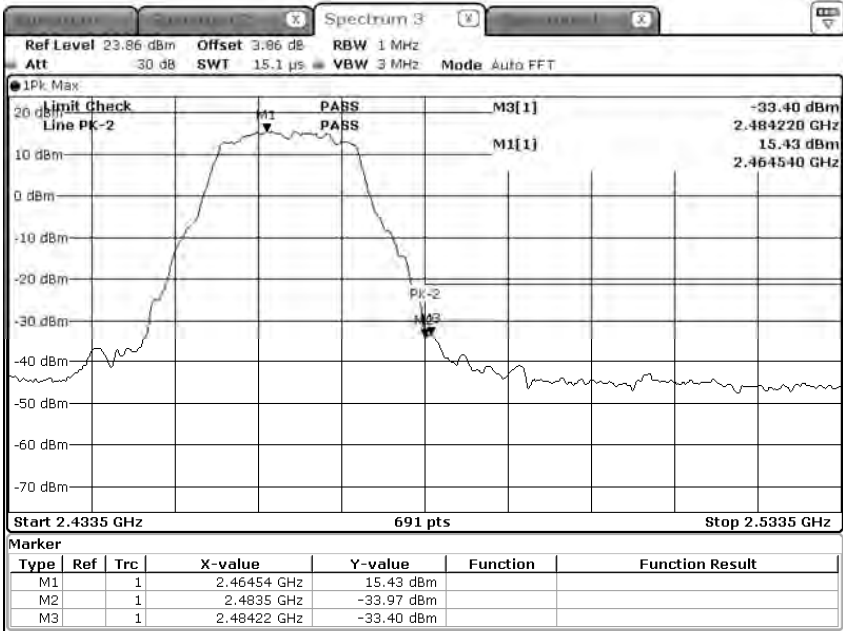
Date: 6.SEP.2021 07:42:16

Average:

Date: 6.SEP.2021 07:39:52

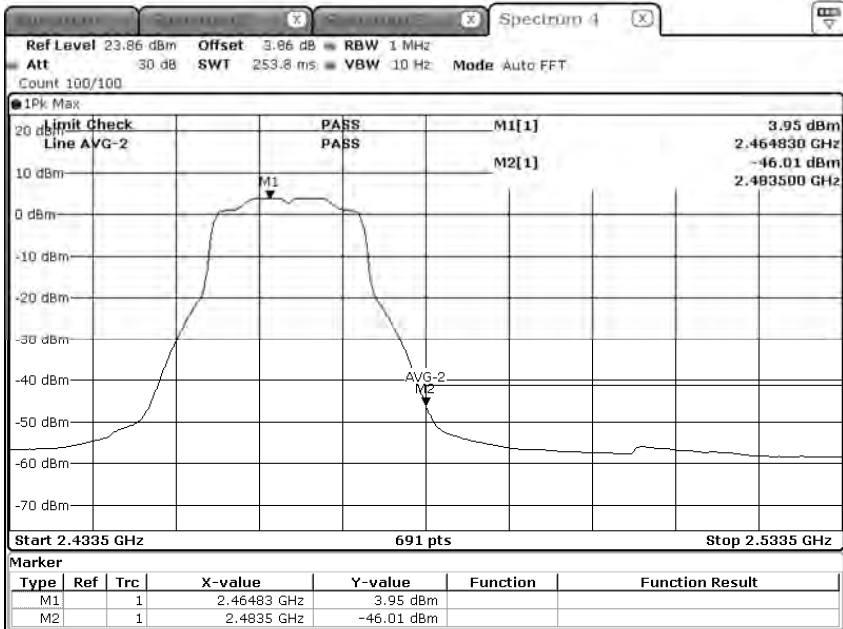
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 9 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2467MHz)
Test Date : 2021/09/06

Peak:



Date: 6.SEP.2021 07:47:59

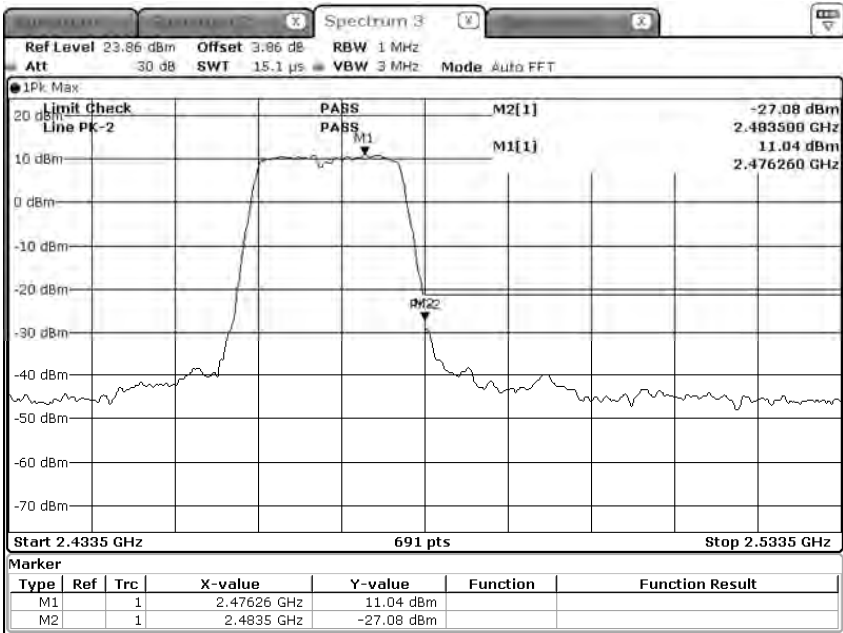
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Date: 6.SEP.2021 07:46:26

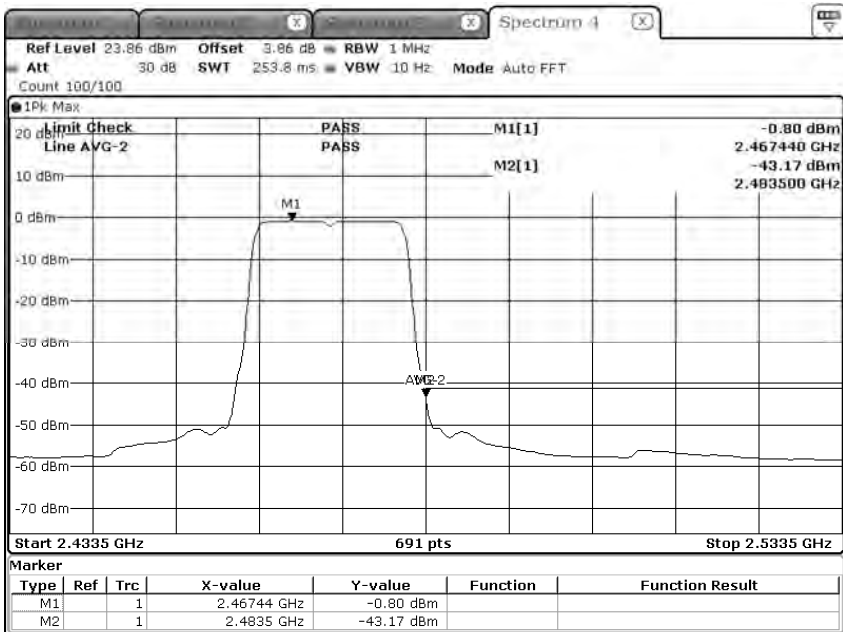
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 9 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2472MHz)
Test Date : 2021/09/06

Peak:



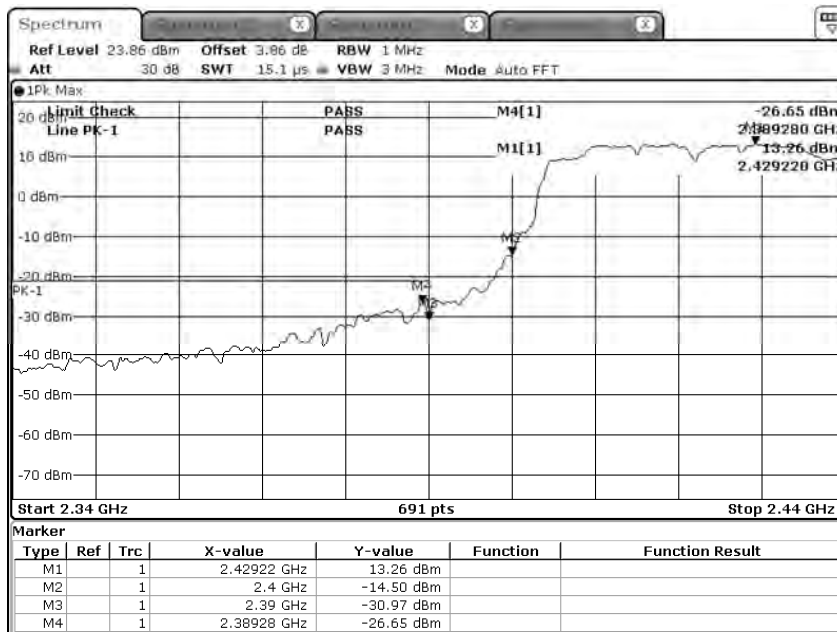
Date: 6.SEP.2021 07:56:59

Average:

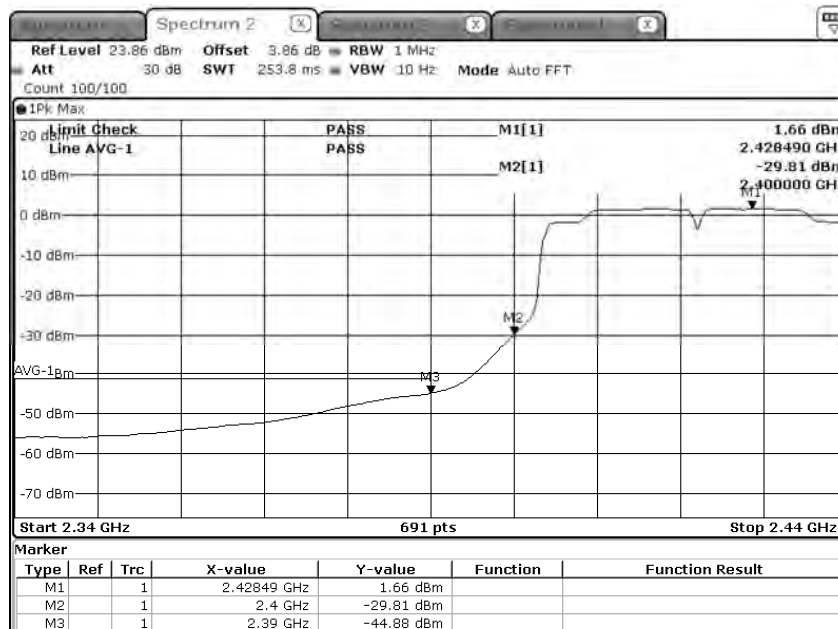


Date: 6.SEP.2021 07:55:26

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 10 SISO B: Transmit (802.11n-40BW_15Mbps) (2422MHz)
Test Date : 2021/09/06

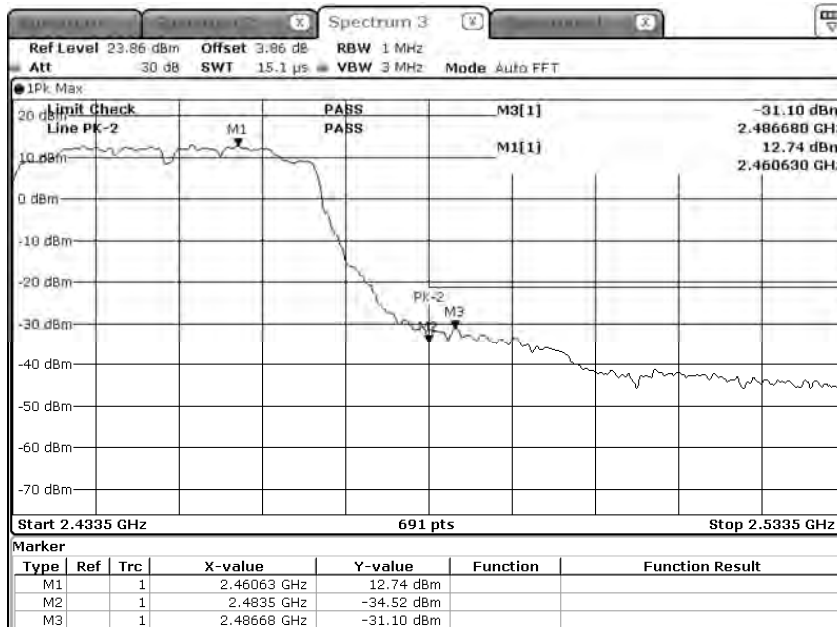
Peak:

Date: 6 SEP. 2021 08:04:55

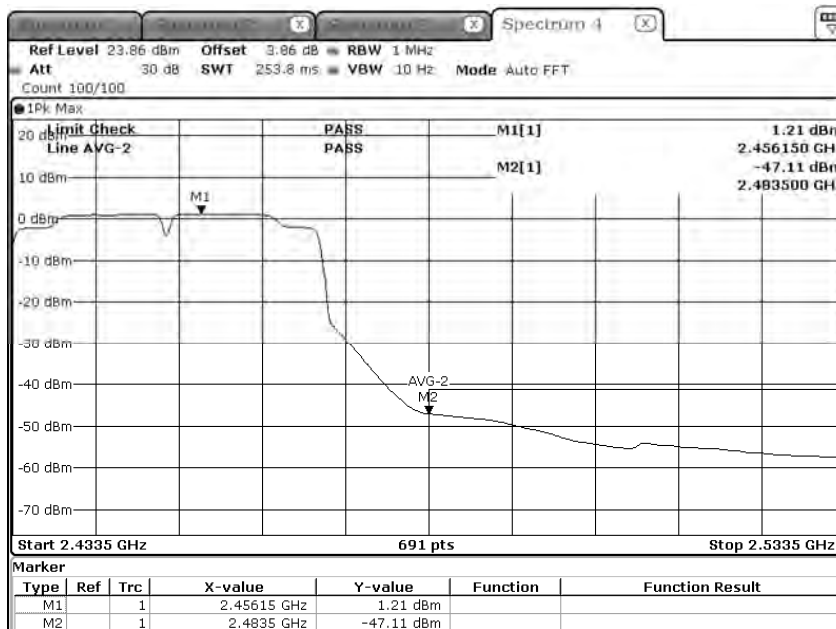
Average:

Date: 6 SEP. 2021 08:02:36

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 10 SISO B: Transmit (802.11n-40BW_15Mbps) (2452MHz)
Test Date : 2021/09/06

Peak:

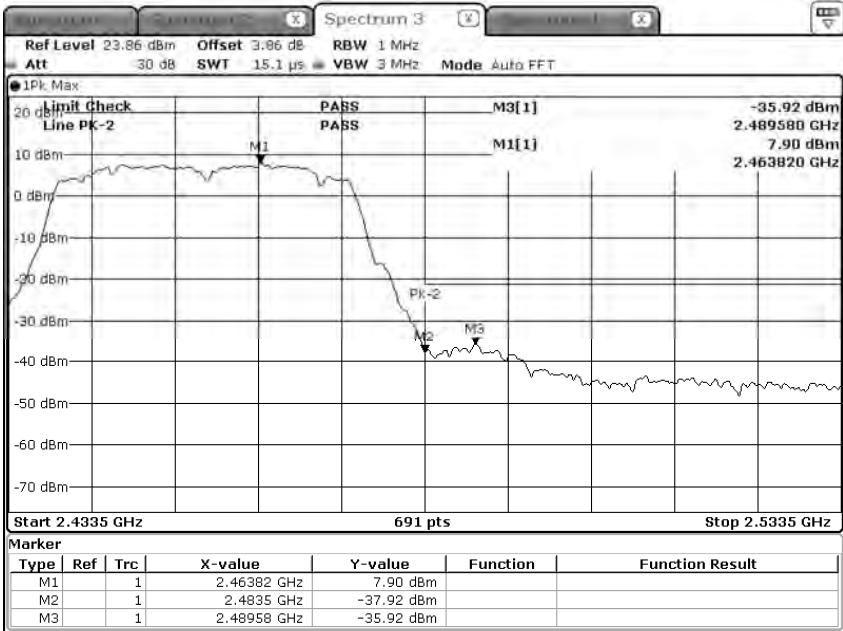
Date: 6.SEP.2021 08:11:16

Average:

Date: 6.SEP.2021 08:09:57

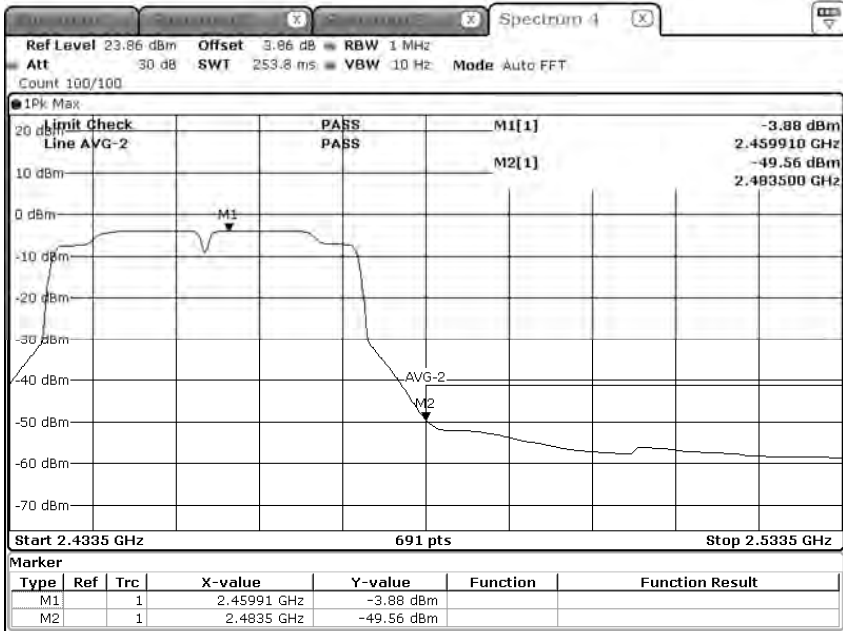
Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Mode : Mode 10 SISO B: Transmit (802.11n-40BW_15Mbps) (2457MHz)
Test Date : 2021/09/06

Peak:



Date: 6.SEP.2021 08:17:30

Average:



Date: 6.SEP.2021 08:15:39