

FCC Test Report

(Class II Permissive Change)

Product Name	Intel® Wi-Fi 6 AX201
Model No	AX201NGW
FCC ID.	PD9AX201NG

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

Date of Receipt	Dec. 06, 2021
Issue Date	Mar 21, 2022
Report No.	21C0161R-RFUSWL2V01-A
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.

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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: Mar 21, 2022

Report No.: 21C0161R-RFUSWL2V01-A



Product Name	Intel® Wi-Fi 6 AX201
Applicant	Intel Corporation
Address	100 Center Point Circle Suite 200 Columbia, South Carolina 29210, United States
Manufacturer	INTEL MOBILE COMMUNICATIONS
Model No.	AX201NGW
FCC ID.	PD9AX201NG
EUT Rated Voltage	AC 100-240V / 50-60Hz
EUT Test Voltage	AC 120V / 60Hz
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

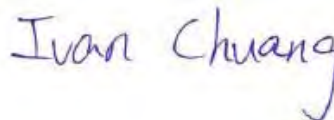
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(Senior Project Specialist / Joanne Lin)

Tested By

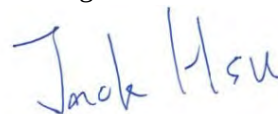
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(Senior Engineer / Ivan Chuang)

Approved By

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(Senior Engineer / Jack Hsu)

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Revision History

Report No.	Version	Description	Issued Date
21C0161R-RFUSWL2V01-A	V1.0	Initial issue of report.	2022-03-21

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Wi-Fi 6 AX201
Trade Name	intel
Model No.	AX201NGW
FCC ID.	PD9AX201NG
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 Speed	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: up to 300Mbps 802.11ax: up to 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, OFDMA, BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Antenna Type	PIFA Antenna
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto
Power Adapter (1)	MFR: FSP, M/N: FSP230-AJAS3-1 Input: AC 100-240V~, 3A, 50-60Hz Output: 19.5V=11.79A, 230.0W Cable Out: Non-shielded, 1.2m, with two ferrite cores bonded. Power Cord: Non-shielded, 1.8m
Power Adapter (2)	MFR: FSP, M/N: FSP180-AJBN3 Input: AC 100-240V~, 2.3A, 50-60Hz Output: 19.5V=9.23A, 180.0W Cable Out: Non-shielded, 1.75m, with one ferrite core bonded. Power Cord: Non-shielded, 1.8m

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Auden	ANTRG5D123-1801 (Main)	PIFA Antenna	5.27dBi for 2.4 GHz
	Auden	ANTRG5D123-1801 (Aux)	PIFA Antenna	3.61dBi for 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 6 AX201 with a built-in WLAN and Bluetooth transceiver, this report for 2.4GHz WLAN.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. This is to request a Class II permissive change for FCC ID: PD9AX201NG, originally granted on 01/28/2019.
The major change filed under this application is:
Change #1: Additional Chassis added, Intel Corporation, Model number: AC57.
Change #2: Addition one antennas, the antenna type is same, the antenna gain is higher than the original application.
Change #3: Reduce Main and Aux Output Power through the BIOS firmware.
4. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
5. At result of pretests, module supports dual-channel transmission, only the worst case is shown in the report.
6. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11b/g/n transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.

Test Mode	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 A: Transmit (802.11ax-20BW Partial RU)
	Mode 8 SISO A: Transmit (802.11ax-40BW Partial RU)
	Mode 9 SISO B: Transmit (802.11b 1Mbps)
	Mode 10 SISO B: Transmit (802.11g 6Mbps)
	Mode 11 SISO B: Transmit (802.11n-20BW 7.2Mbps)
	Mode 12 SISO B: Transmit (802.11n-40BW 15Mbps)
	Mode 13 SISO B: Transmit (802.11ax-20BW 8.6Mbps)
	Mode 14 SISO B: Transmit (802.11ax-40BW 17.2Mbps)
	Mode 15 SISO B: Transmit (802.11ax-20BW Partial RU)
	Mode 16 SISO B: Transmit (802.11ax-40BW Partial RU)
	Mode 17 MIMO: Transmit (802.11n-20BW 14.4Mbps)
	Mode 18 MIMO: Transmit (802.11n-40BW 30Mbps)
	Mode 19 MIMO: Transmit (802.11ax-20BW 17.2Mbps)
	Mode 20 MIMO: Transmit (802.11ax-40BW 34.4Mbps)
	Mode 21 MIMO: Transmit (802.11ax-20BW Partial RU)
	Mode 22 MIMO: Transmit (802.11ax-40BW Partial RU)

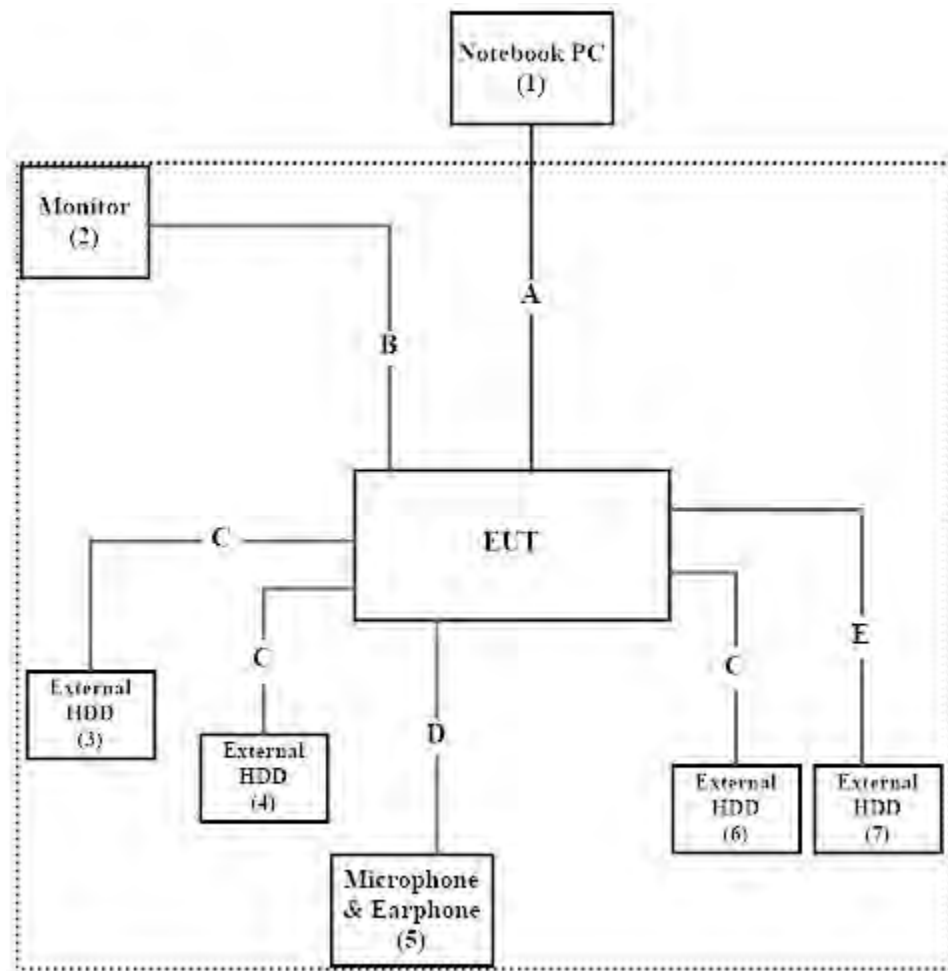
1.2. Tested System Details

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 Notebook PC	DELL	Inspiron 15 3000	GT5JPJ2	N/A
2 Monitor	Lenovo	A21215FS0	V5DMD987	Non-Shielded, 1.8m
3 External HDD	Transcend	TS1TSJ25MC	F30467-0011	N/A
4 External HDD	Transcend	TS1TSJ25H3B	F21786-0125	N/A
5 Microphone & Earphone	Verbatim	C09024VB	N/A	N/A
6 External HDD	Transcend	TS1TSJ25H3B	F21786-0019	N/A
7 External HDD	Transcend	TS2TSJ25H3B	D67704 0082	N/A

Signal Cable Type	Signal cable Description
A LAN Cable	Non-shielded, 2m
B HDMI Cable	Shielded, 1.8m
C USB Cable	Shielded, 0.5m, three PCS.
D Microphone & Earphone Cable	Non-shielded, 1.2m
E USB Cable	Shielded, 0.5m

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 V22.21070.0.0-OEM.DRTU.12463" 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	21.2°C
	Humidity (%RH)	10~90 %	56.7 %
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. 5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan
Performed Location : No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan,
R.O.C.
Phone number : +886-3-275-7255
Fax number : +866-3-327-8031
Email address : info.tw@dekra.com
Website : <http://www.dekra.com.tw>

1.6. List of Test Item and Equipment

For Conducted measurements / SH2

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
X	Spectrum Analyzer	R&S	FSV30	103466	2021.12.27	2022.12.26
X	Peak Power Analyzer	KEYSIGHT	8900B	MY51000539	2021.06.07	2022.06.06
X	Power Sensor	KEYSIGHT	N1923A	MY59240002	2021.05.17	2022.05.16
X	Power Sensor	KEYSIGHT	N1923A	MY59240003	2021.05.17	2022.05.16

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 / 966-3

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
X	Loop Antenna	AMETEK	HLA6121	56736	2021.04.14	2022.04.13
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-675	2021.08.10	2022.08.10
	Horn Antenna	ETS-Lindgren	3117	00201259	2021.11.09	2022.11.08
	Horn Antenna	Com-Power	AH-840	101087	2021.06.16	2022.06.15
X	Pre-Amplifier	SGH	SGH0301-9	20211007-10	2022.02.22	2023.02.21
	Pre-Amplifier	EMCI	EMC051835SE	980313	2021.11.24	2022.11.23
	Pre-Amplifier	EMCI	EMC05820SE	980310	2021.07.07	2022.07.06
	Pre-Amplifier	EMCI	EMC184045SE	980369		
	Coaxial Cable	EMCI	EMC102-KM-KM-600	1160314	2021.04.27	2022.04.26
	Coaxial Cable	EMCI	EMC102-KM-KM-7000	170242		
	Filter	MICRO TRONICS	BRM50702	G251	2021.09.16	2022.09.15
	Filter	MICRO TRONICS	BRM50716	G188	2021.09.16	2022.09.15
X	EMI Test Receiver	R&S	ESR	102793	2021.12.15	2022.12.14
X	Spectrum Analyzer	R&S	FSV3044	101113	2022.01.25	2023.02.24
X	Coaxial Cable	SGH	HA800	GD20110222-3	2022.01.05	2023.01.04
	Coaxial Cable	SGH	SGH18	20110223-1		
	Coaxial Cable	SGH	SGH18	2021005-3		
	Coaxial Cable	SGH	SGH18	2021001-18		

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 Radiated measurements / 966-4

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
	Loop Antenna	AMETEK	HLA6121	56736	2021.04.14	2022.04.13
	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-0678	2021.01.29	2022.01.28
X	Horn Antenna	ETS-Lindgren	3117	00228113	2021.06.23	2022.06.22
X	Horn Antenna	Com-Power	AH-840	101100	2021.10.04	2022.10.03
	Pre-Amplifier	SGH	EM330	060736	2021.08.11	2022.08.10
X	Pre-Amplifier	SGH	PRAMP118	20200701	2021.08.11	2022.08.10
	Pre-Amplifier	SGH	PRAMP0510	20200703	2021.08.11	2022.08.10
	Pre-Amplifier	EMCI	EMC184045SE	980369	2021.04.27	2022.04.26
	Coaxial Cable	EMCI	EMC102-KM-KM-600	1160314		
	Coaxial Cable	EMCI	EMC102-KM-KM-7000	170242		
X	Filter	MICRO TRONICS	BRM50702	G251	2021.09.16	2022.09.15
	Filter	MICRO TRONICS	BRM50716	G188	2021.09.16	2022.09.15
X	Spectrum Analyzer	R&S	FSV3044	101113	2022.01.25	2023.02.24
X	Coaxial Cable	SGH	HA800	GD20110222-6	2021.10.04	2022.10.03
	Coaxial Cable	SGH	SGH18	2021001-20		
	Coaxial Cable	EMCI	EMCCFD400	160214		

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.

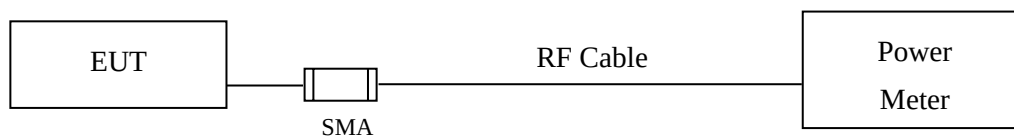
The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

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	Under 1GHz ± 4.06 dB	Above 1GHz ± 3.73 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 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)
 Test Date : 2021/12/21

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	19.26	--	--	--	21.42	<30dBm	Pass
07	2442	20.85	20.8	20.74	20.7	22.94	<30dBm	Pass
11	2462	19.58	--	--	--	21.54	<30dBm	Pass
12	2467	18.41	--	--	--	20.65	<30dBm	Pass
13	2472	15.21	--	--	--	17.38	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 2 SISO A: Transmit (802.11g 6Mbps)
 Test Date : 2021/12/21

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	16.98	--	--	--	--	--	--	--	21.54	<30dBm	Pass
07	2442	20.77	20.70	20.67	20.63	20.57	20.53	20.47	20.40	24.09	<30dBm	Pass
11	2462	17.07	--	--	--	--	--	--	--	21.46	<30dBm	Pass
12	2467	15.03	--	--	--	--	--	--	--	19.84	<30dBm	Pass
13	2472	1.62	--	--	--	--	--	--	--	9.62	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW 7.2Mbps)
 Test Date : 2021/12/21

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
01	2412	16.62	--	--	--	--	--	--	--	21.43	<30dBm	Pass
07	2442	20.72	20.67	20.63	20.60	20.56	20.50	20.46	20.39	24.02	<30dBm	Pass
11	2462	16.03	--	--	--	--	--	--	--	20.88	<30dBm	Pass
12	2467	14.92	--	--	--	--	--	--	--	19.89	<30dBm	Pass
13	2472	1.44	--	--	--	--	--	--	--	9.98	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW 15Mbps)
 Test Date : 2021/12/21

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
03	2422	16.85	--	--	--	--	--	--	--	22.02	<30dBm	Pass
07	2442	15.97	15.91	15.85	15.82	15.75	15.71	15.65	15.60	21.16	<30dBm	Pass
09	2452	15.82	--	--	--	--	--	--	--	21.14	<30dBm	Pass
10	2457	11.51	--	--	--	--	--	--	--	19.01	<30dBm	Pass
11	2462	5.02	--	--	--	--	--	--	--	13.08	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW 8.6Mbps)
 Test Date : 2021/12/22

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	16.43	--	--	--	--	--	--	--	--	--	--	--	21.24	<30dBm	Pass		
07	2442	14.07	14.02	13.98	13.91	13.85	13.82	13.76	13.69	13.65	13.59	13.55	13.49	18.95	<30dBm	Pass		
11	2462	15.64	--	--	--	--	--	--	--	--	--	--	--	20.38	<30dBm	Pass		
12	2467	14.86	--	--	--	--	--	--	--	--	--	--	--	19.75	<30dBm	Pass		
13	2472	0.62	--	--	--	--	--	--	--	--	--	--	--	9.76	<30dBm	Pass		

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW 17.2Mbps)
 Test Date : 2021/12/22

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				
03	2422	16.13	--	--	--	--	--	--	--	--	--	--	21.42	<30dBm	Pass	
07	2442	16.14	16.10	16.05	16.01	15.95	15.88	15.82	15.76	15.71	15.66	15.60	15.56	21.38	<30dBm	Pass
09	2452	15.65	--	--	--	--	--	--	--	--	--	--	--	20.86	<30dBm	Pass
10	2457	11.73	--	--	--	--	--	--	--	--	--	--	--	18.66	<30dBm	Pass
11	2462	4.23	--	--	--	--	--	--	--	--	--	--	--	13.73	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 7 SISO A: Transmit (802.11ax-20BW Partial RU)
 Test Date : 2021/12/23

Channel No.	Frequency (MHz)	Peak Power Output (dBm)													Peak Power	Required Limit	Result
		Average Power For different Data Rate															
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11			
01	2412	26/0	18.22	--	--	--	--	--	--	--	--	--	--	--	21.35	<30dBm	Pass
		52/37	18.61	18.57	18.51	18.48	18.43	18.38	18.31	18.27	18.21	18.16	18.12	18.06	22.32	<30dBm	Pass
		106/53	18.77	--	--	--	--	--	--	--	--	--	--	--	22.75	<30dBm	Pass
13	2472	26/8	-7.36	--	--	--	--	--	--	--	--	--	--	--	1.71	<30dBm	Pass
		52/40	-5.38	-5.41	-5.48	-5.51	-5.58	-5.62	-5.65	-5.72	-5.75	-5.80	-5.83	-5.89	3.47	<30dBm	Pass
		106/54	-3.82	--	--	--	--	--	--	--	--	--	--	--	4.95	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 8 SISO A: Transmit (802.11ax-40BW Partial RU)
 Test Date : 2021/12/23

Channel No.	Frequency (MHz)	Peak Power Output (dBm)													Peak Power	Required Limit	Result
		Average Power For different Data Rate															
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11			
03	2422	242/61	16.28	16.23	16.18	16.12	16.09	16.03	15.98	15.92	15.86	15.80	15.75	15.72	21.06	<30dBm	Pass
11	2462	242/62	1.23	1.16	1.12	1.08	1.05	0.99	0.95	0.89	0.83	0.77	0.72	0.66	10.75	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 9 SISO B: Transmit (802.11b 1Mbps)
 Test Date : 2021/12/23

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	19.44	--	--	--	21.52	<30dBm	Pass
07	2442	20.89	20.85	20.8	20.74	22.95	<30dBm	Pass
11	2462	19.42	--	--	--	21.64	<30dBm	Pass
12	2467	18.74	--	--	--	20.89	<30dBm	Pass
13	2472	15.35	--	--	--	17.44	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 10 SISO B: Transmit (802.11g 6Mbps)
 Test Date : 2021/12/23

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	17.22	--	--	--	--	--	--	--	21.76	<30dBm	Pass
07	2442	20.84	20.81	20.77	20.71	20.68	20.61	20.55	20.51	24.42	<30dBm	Pass
11	2462	16.94	--	--	--	--	--	--	--	21.74	<30dBm	Pass
12	2467	15.02	--	--	--	--	--	--	--	19.82	<30dBm	Pass
13	2472	1.63	--	--	--	--	--	--	--	10.07	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 11 SISO B: Transmit (802.11n-20BW 7.2Mbps)
 Test Date : 2021/12/23

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
01	2412	17.02	--	--	--	--	--	--	--	21.73	<30dBm	Pass
07	2442	20.54	20.47	20.41	20.37	20.30	20.27	20.23	20.19	24.16	<30dBm	Pass
11	2462	15.83	--	--	--	--	--	--	--	20.49	<30dBm	Pass
12	2467	15.14	--	--	--	--	--	--	--	20.03	<30dBm	Pass
13	2472	1.57	--	--	--	--	--	--	--	10.03	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 12 SISO B: Transmit (802.11n-40BW 15Mbps)
 Test Date : 2021/12/23

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
03	2422	16.36	--	--	--	--	--	--	--	21.62	<30dBm	Pass
07	2442	16.03	15.96	15.91	15.86	15.82	15.77	15.73	15.69	21.45	<30dBm	Pass
09	2452	15.96	--	--	--	--	--	--	--	21.37	<30dBm	Pass
10	2457	12.26	--	--	--	--	--	--	--	19.03	<30dBm	Pass
11	2462	4.69	--	--	--	--	--	--	--	13.44	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 13 SISO B: Transmit (802.11ax-20BW 8.6Mbps)
 Test Date : 2021/12/23

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	16.89	--	--	--	--	--	--	--	--	--	--	21.76	<30dBm	Pass			
07	2442	15.32	15.25	15.21	15.17	15.12	15.06	14.99	14.95	14.89	14.83	14.79	14.75	20.34	<30dBm	Pass		
11	2462	15.71	--	--	--	--	--	--	--	--	--	--	--	20.68	<30dBm	Pass		
12	2467	14.92	--	--	--	--	--	--	--	--	--	--	--	19.81	<30dBm	Pass		
13	2472	1.12	--	--	--	--	--	--	--	--	--	--	--	10.17	<30dBm	Pass		

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 14 SISO B: Transmit (802.11ax-40BW 17.2Mbps)
 Test Date : 2021/12/23

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				
03	2422	16.13	--	--	--	--	--	--	--	--	--	--	21.51	<30dBm	Pass	
07	2442	15.97	15.92	15.86	15.80	15.76	15.72	15.67	15.63	15.58	15.52	15.48	15.42	21.34	<30dBm	Pass
09	2452	15.67	--	--	--	--	--	--	--	--	--	--	--	20.84	<30dBm	Pass
10	2457	12.19	--	--	--	--	--	--	--	--	--	--	--	19.01	<30dBm	Pass
11	2462	4.91	--	--	--	--	--	--	--	--	--	--	--	14.03	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 15 SISO B: Transmit (802.11ax-20BW Partial RU)
 Test Date : 2021/12/23

Channel No.	Frequency (MHz)	Peak Power Output (dBm)													Peak Power	Required Limit	Result
		Average Power For different Data Rate															
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11			
01	2412	26/0	18.43	--	--	--	--	--	--	--	--	--	--	--	21.96	<30dBm	Pass
		52/37	18.61	18.57	18.51	18.44	18.40	18.35	18.30	18.27	18.21	18.17	18.11	18.08	22.49	<30dBm	Pass
		106/53	18.76	--	--	--	--	--	--	--	--	--	--	--	22.62	<30dBm	Pass
13	2472	26/8	-8.33	--	--	--	--	--	--	--	--	--	--	--	0.31	<30dBm	Pass
		52/40	-6.23	-6.27	-6.32	-6.36	-6.43	-6.48	-6.52	-6.58	-6.61	-6.65	-6.72	-6.76	2.62	<30dBm	Pass
		106/54	-4.29	--	--	--	--	--	--	--	--	--	--	--	4.67	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 16 SISO B: Transmit (802.11ax-40BW Partial RU)
 Test Date : 2021/12/23

Channel No.	Frequency (MHz)	Peak Power Output (dBm)													Peak Power	Required Limit	Result
		Average Power For different Data Rate															
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11			
03	2422	242/61	16.49	16.45	16.38	16.32	16.26	16.21	16.15	16.08	16.04	15.99	15.92	15.87	21.39	<30dBm	Pass
11	2462	242/62	2.92	2.89	2.84	2.80	2.77	2.72	2.69	2.63	2.56	2.53	2.46	2.42	12.54	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 17 MIMO: Transmit (802.11n-20BW 14.4Mbps)
 Test Date : 2021/12/23

Chain A

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
01	2412	13.58	--	--	--	--	--	--	--	18.34	<30dBm	Pass
07	2442	17.67	17.61	17.57	17.51	17.44	17.39	17.33	17.29	22.19	<30dBm	Pass
11	2462	14.25	--	--	--	--	--	--	--	18.92	<30dBm	Pass
12	2467	12.13	--	--	--	--	--	--	--	16.86	<30dBm	Pass
13	2472	-1.03	--	--	--	--	--	--	--	7.03	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain B

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
01	2412	14.16	--	--	--	--	--	--	--	18.92	<30dBm	Pass
07	2442	17.75	17.70	17.66	17.59	17.56	17.51	17.45	17.39	22.47	<30dBm	Pass
11	2462	13.96	--	--	--	--	--	--	--	18.76	<30dBm	Pass
12	2467	12.51	--	--	--	--	--	--	--	17.34	<30dBm	Pass
13	2472	-1.31	--	--	--	--	--	--	--	6.74	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain A+B

Channel No.	Frequency (MHz)	Data Rate	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	HT8	18.34	18.92	21.65	<30dBm	Pass
07	2442	HT8	22.19	22.47	25.34	<30dBm	Pass
11	2462	HT8	18.92	18.76	21.85	<30dBm	Pass
12	2467	HT8	16.86	17.34	20.12	<30dBm	Pass
13	2472	HT8	7.03	6.74	9.90	<30dBm	Pass

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

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output Data
 Test Mode : Mode 18 MIMO: Transmit (802.11n-40BW 30Mbps)
 Test Date : 2021/12/23

Chain A

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15			
		Measurement Level (dBm)										
03	2422	13.76	--	--	--	--	--	--	--	19.02	<30dBm	Pass
07	2442	13.81	13.77	13.71	13.66	13.60	13.56	13.51	13.45	18.78	<30dBm	Pass
09	2452	13.21	--	--	--	--	--	--	--	18.26	<30dBm	Pass
10	2457	9.48	--	--	--	--	--	--	--	16.62	<30dBm	Pass
11	2462	1.18	--	--	--	--	--	--	--	10.16	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain B

Channel No.	Frequency (MHz)	Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15			
		Measurement Level (dBm)										
03	2422	14.45	--	--	--	--	--	--	--	19.38	<30dBm	Pass
07	2442	13.83	13.77	13.70	13.67	13.61	13.54	13.47	13.43	18.92	<30dBm	Pass
09	2452	13.56	--	--	--	--	--	--	--	18.77	<30dBm	Pass
10	2457	9.77	--	--	--	--	--	--	--	16.95	<30dBm	Pass
11	2462	2.65	--	--	--	--	--	--	--	11.63	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain A+B

Channel No.	Frequency (MHz)	Data Rate	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	HT8	19.02	19.38	22.21	<30dBm	Pass
07	2442	HT8	18.78	18.92	21.86	<30dBm	Pass
09	2452	HT8	18.26	18.77	21.53	<30dBm	Pass
10	2457	HT8	16.62	16.95	19.80	<30dBm	Pass
11	2462	HT8	10.16	11.63	13.97	<30dBm	Pass

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

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 19 MIMO: Transmit (802.11ax-20BW 17.2Mbps)
 Test Date : 2021/12/23

Chain A

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	13.74	--	--	--	--	--	--	--	--	--	--	18.39	<30dBm	Pass	
07	2442	16.61	16.57	16.53	16.48	16.45	16.41	16.38	16.33	16.28	16.21	16.16	16.10	21.35	<30dBm	Pass
11	2462	13.94	--	--	--	--	--	--	--	--	--	--	--	18.95	<30dBm	Pass
12	2467	11.82	--	--	--	--	--	--	--	--	--	--	--	16.84	<30dBm	Pass
13	2472	-1.03	--	--	--	--	--	--	--	--	--	--	--	7.95	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

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	13.88	--	--	--	--	--	--	--	--	--	--	18.71	<30dBm	Pass	
07	2442	17.01	16.97	16.92	16.88	16.82	16.77	16.74	16.68	16.64	16.59	16.53	16.48	21.64	<30dBm	Pass
11	2462	13.17	--	--	--	--	--	--	--	--	--	--	--	17.92	<30dBm	Pass
12	2467	11.97	--	--	--	--	--	--	--	--	--	--	--	16.99	<30dBm	Pass
13	2472	-1.39	--	--	--	--	--	--	--	--	--	--	--	7.76	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel No.	Frequency (MHz)	Data Rate	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	MCS0	18.39	18.71	21.56	<30dBm	Pass
07	2442	MCS0	21.35	21.64	24.51	<30dBm	Pass
11	2462	MCS0	18.95	17.92	21.48	<30dBm	Pass
12	2467	MCS0	16.84	16.99	19.93	<30dBm	Pass
13	2472	MCS0	7.95	7.76	10.87	<30dBm	Pass

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

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 20 MIMO: Transmit (802.11ax-40BW 34.4Mbps)
 Test Date : 2021/12/23

Chain A

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				
03	2422	13.32	--	--	--	--	--	--	--	--	--	--	18.24	<30dBm	Pass	
07	2442	14.22	14.16	14.10	14.06	14.00	13.95	13.91	13.86	13.82	13.77	13.72	13.68	19.46	<30dBm	Pass
09	2452	13.01	--	--	--	--	--	--	--	--	--	--	--	18.11	<30dBm	Pass
10	2457	9.37	--	--	--	--	--	--	--	--	--	--	--	16.37	<30dBm	Pass
11	2462	1.06	--	--	--	--	--	--	--	--	--	--	--	9.67	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

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				
03	2422	13.86	--	--	--	--	--	--	--	--	--	--	19.13	<30dBm	Pass	
07	2442	13.92	13.86	13.81	13.77	13.74	13.67	13.61	13.55	13.52	13.48	13.42	13.36	19.32	<30dBm	Pass
09	2452	13.14	--	--	--	--	--	--	--	--	--	--	--	18.29	<30dBm	Pass
10	2457	10.33	--	--	--	--	--	--	--	--	--	--	--	17.34	<30dBm	Pass
11	2462	2.29	--	--	--	--	--	--	--	--	--	--	--	11.13	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain A+B

Channel No.	Frequency (MHz)	Data Rate	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	MCS0	18.24	19.13	21.72	<30dBm	Pass
07	2442	MCS0	19.46	19.32	22.40	<30dBm	Pass
09	2452	MCS0	18.11	18.29	21.21	<30dBm	Pass
10	2457	MCS0	16.37	17.34	19.89	<30dBm	Pass
11	2462	MCS0	9.67	11.13	13.47	<30dBm	Pass

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

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 21 MIMO: Transmit (802.11ax-20BW Partial RU)
 Test Date : 2021/12/23

Chain A

Channel No.	Frequency (MHz)	Peak Power Output (dBm)													Peak Power	Required Limit	Result
		Average Power For different Data Rate															
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0	<30dBm	Pass
01	2412	26/0	16.39	--	--	--	--	--	--	--	--	--	--	--	19.47	<30dBm	Pass
		52/37	16.08	16.02	15.97	15.92	15.87	15.81	15.75	15.69	15.65	15.60	15.54	15.51	19.96	<30dBm	Pass
		106/53	15.88	--	--	--	--	--	--	--	--	--	--	--	19.78	<30dBm	Pass
13	2472	26/8	-10.48	--	--	--	--	--	--	--	--	--	--	--	-1.56	<30dBm	Pass
		52/40	-8.5	-8.54	-8.58	-8.62	-8.66	-8.72	-8.76	-8.80	-8.85	-8.90	-8.95	-9.00	0.41	<30dBm	Pass
		106/54	-5.13	--	--	--	--	--	--	--	--	--	--	--	3.43	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain B

Channel No.	Frequency (MHz)	Peak Power Output (dBm)													Peak Power	Required Limit	Result
		Average Power For different Data Rate															
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0		
01	2412	26/0	16.59	--	--	--	--	--	--	--	--	--	--	--	19.93	<30dBm	Pass
		52/37	16.61	16.57	16.51	16.47	16.40	16.34	16.28	16.22	16.17	16.12	16.08	16.04	20.45	<30dBm	Pass
		106/53	16.23	--	--	--	--	--	--	--	--	--	--	--	20.19	<30dBm	Pass
13	2472	26/8	-10.86	--	--	--	--	--	--	--	--	--	--	--	-1.64	<30dBm	Pass
		52/40	-8.61	-8.65	-8.69	-8.73	-8.78	-8.83	-8.88	-8.94	-8.99	-9.05	-9.10	-9.13	0.44	<30dBm	Pass
		106/54	-5.79	--	--	--	--	--	--	--	--	--	--	--	3.34	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain A+B

Channel No.	Frequency (MHz)	Partial RU	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	26/0	MCS0	19.47	19.93	22.72	<30dBm	Pass
		52/37	MCS0	19.96	20.45	23.22	<30dBm	Pass
		106/53	MCS0	19.78	20.19	23.00	<30dBm	Pass
13	2472	26/8	MCS0	-1.56	-1.64	1.41	<30dBm	Pass
		52/40	MCS0	0.41	0.44	3.44	<30dBm	Pass
		106/54	MCS0	3.43	3.34	6.40	<30dBm	Pass

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

Product : Intel® Wi-Fi 6 AX201
 Test Item : Peak Power Output
 Test Mode : Mode 22 MIMO: Transmit (802.11ax-40BW Partial RU)
 Test Date : 2021/12/23

Chain A

Channel No.	Frequency (MHz)	Peak Power Output (dBm)														Peak Power	Required Limit	Result
		Average Power For different Data Rate																
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	MCS0			
03	2422	242/61	14.76	--	--	--	--	--	--	--	--	--	--	--	19.73	<30dBm	Pass	
11	2462	242/62	0.75	0.68	0.65	0.60	0.54	0.49	0.46	0.42	0.37	0.31	0.24	0.18	9.66	<30dBm	Pass	

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain B

Channel No.	Frequency (MHz)	Peak Power Output (dBm)														Peak Power	Required Limit	Result
		Average Power For different Data Rate																
		Partial RU	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11				
03	2422	242/61	14.39	--	--	--	--	--	--	--	--	--	--	--	19.05	<30dBm	Pass	
11	2462	242/62	-0.83	-0.88	-0.92	-0.97	-1.03	-1.07	-1.12	-1.16	-1.20	-1.25	-1.30	-1.34	7.95	<30dBm	Pass	

Note: Peak Power Output Value = Reading value on power meter + cable loss

Chain A+B

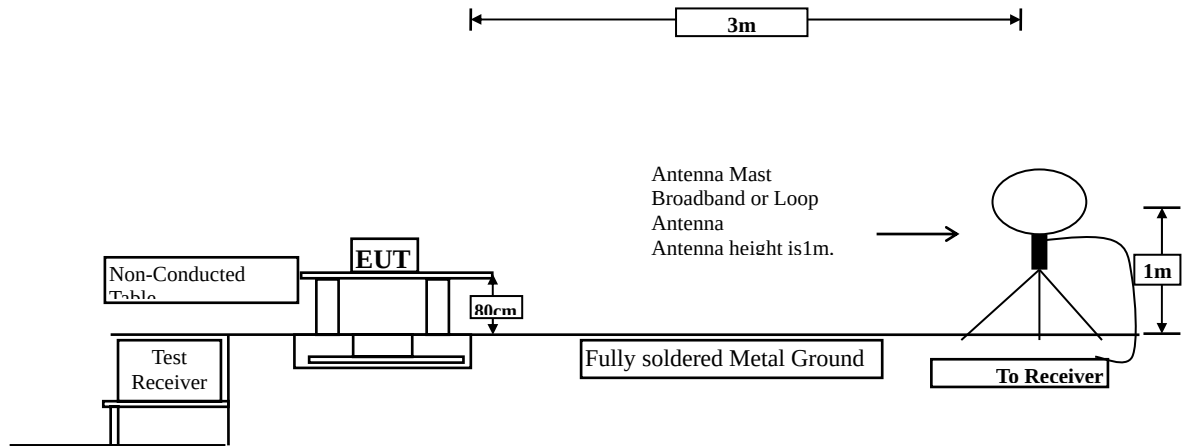
Channel No.	Frequency (MHz)	Partial RU	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	242/61	MCS0	19.73	19.05	22.41	<30dBm	Pass
11	2462	242/62	MCS0	9.66	7.95	11.90	<30dBm	Pass

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

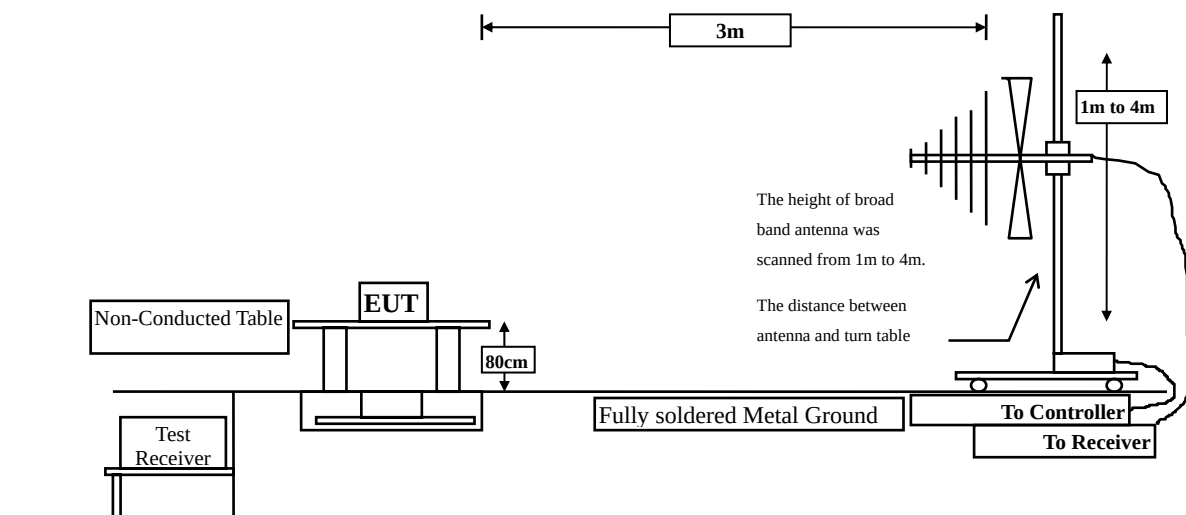
3. Radiated Emission

3.1. Test Setup

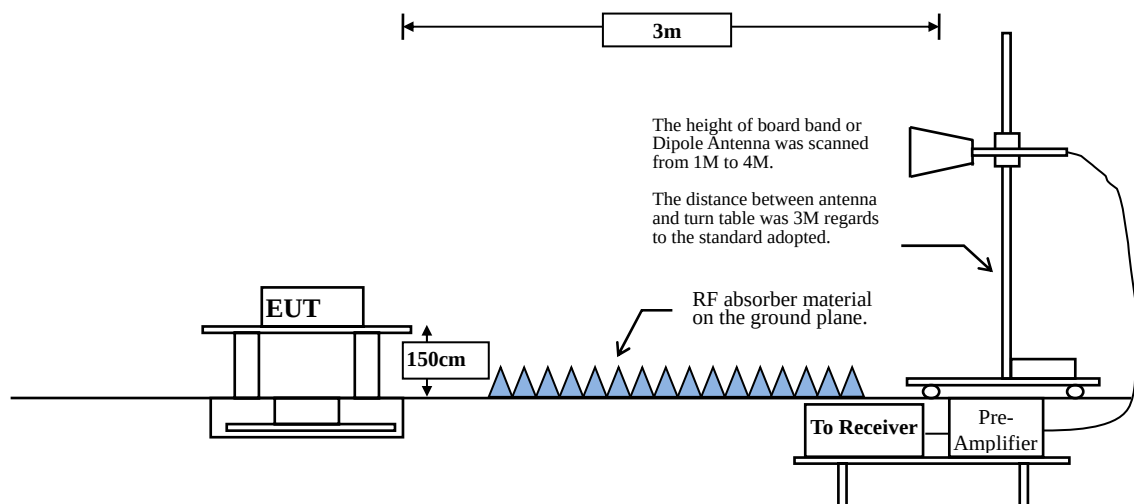
Radiated Emission Under 30MHz



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

Mode	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
b 2412	99.29	8.3400	120	10
b 2462	99.29	8.3400	120	10
b 2467	97.20	2.0800	481	500
b 2472	99.29	8.3400	120	10
g 2412	97.20	2.0800	481	500
g 2462	97.20	2.0800	481	500
g 2467	97.20	2.0800	481	500
g 2472	97.20	2.0800	481	500
n20 2412	98.01	3.9400	254	10
n20 2462	98.51	3.9600	253	10
n20 2467	98.02	3.9600	253	10
n20 2472	98.51	3.9600	253	10
n40 2412	98.51	3.9600	253	10
n40 2462	98.51	3.9600	253	10
n40 2467	98.51	3.9600	253	10
n40 2472	98.51	3.9600	253	10
ax20 2412	98.50	3.9400	254	10
ax20 2462	98.50	3.9400	254	10
ax20 2467	98.01	3.9400	254	10
ax20 2472	98.50	3.9400	254	10
ax40 2422	98.50	3.9400	254	10
ax40 2452	98.01	3.9400	254	10
ax40 2457	98.50	3.9400	254	10
ax40 2462	98.01	3.9400	254	10
ax20 2412-26/0-RU	97.73	2.5800	388	500
ax20 2412-52/37-RU	97.71	2.5600	391	500
ax20 2412-106/53-RU	96.97	2.5600	391	500
ax20 2472-26/8-RU	98.48	2.6000	385	10
ax20 2472-52/40-RU	97.71	2.5600	391	500
ax20 2472-106/54-RU	97.71	2.5600	391	500
ax40 2422-242/61-RU	96.97	2.5600	391	500
ax40 2462-242/62-RU	97.73	2.5800	388	500

Note: Duty Cycle Refer to Section 5.

SISO B

Mode	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
b 2412	99.29	8.3400	120	10
b 2462	99.29	8.3400	120	10
b 2467	99.29	8.3400	120	10
b 2472	99.29	8.3400	120	10
g 2412	97.20	2.0800	481	500
g 2462	96.26	2.0600	485	500
g 2467	97.17	2.0600	485	500
g 2472	97.20	2.0800	481	500
n20 2412	98.51	3.9600	253	10
n20 2462	98.02	3.9600	253	10
n20 2467	98.51	3.9600	253	10
n20 2472	98.51	3.9600	253	10
n40 2412	98.51	3.9600	253	10
n40 2462	98.02	3.9600	253	10
n40 2467	98.01	3.9400	254	10
n40 2472	98.51	3.9600	253	10
ax20 2412	98.01	3.9400	254	10
ax20 2462	98.50	3.9400	254	10
ax20 2467	98.50	3.9400	254	10
ax20 2472	98.50	3.9400	254	10
ax40 2422	98.50	3.9400	254	10
ax40 2452	98.50	3.9400	254	10
ax40 2457	98.50	3.9400	254	10
ax40 2462	98.01	3.9400	254	10
ax20 2412-26/0-RU	95.12	5.4600	183	200
ax20 2412-52/37-RU	95.12	5.4600	183	200
ax20 2412-106/53-RU	95.12	5.4600	183	200
ax20 2472-26/8-RU	95.12	5.4600	183	200
ax20 2472-52/40-RU	95.12	5.4600	183	200
ax20 2472-106/54-RU	95.12	5.4600	183	200
ax40 2422-242/61-RU	98.20	5.4600	183	10
ax40 2462-242/62-RU	98.20	5.4600	183	10

Note: Duty Cycle Refer to Section 5.

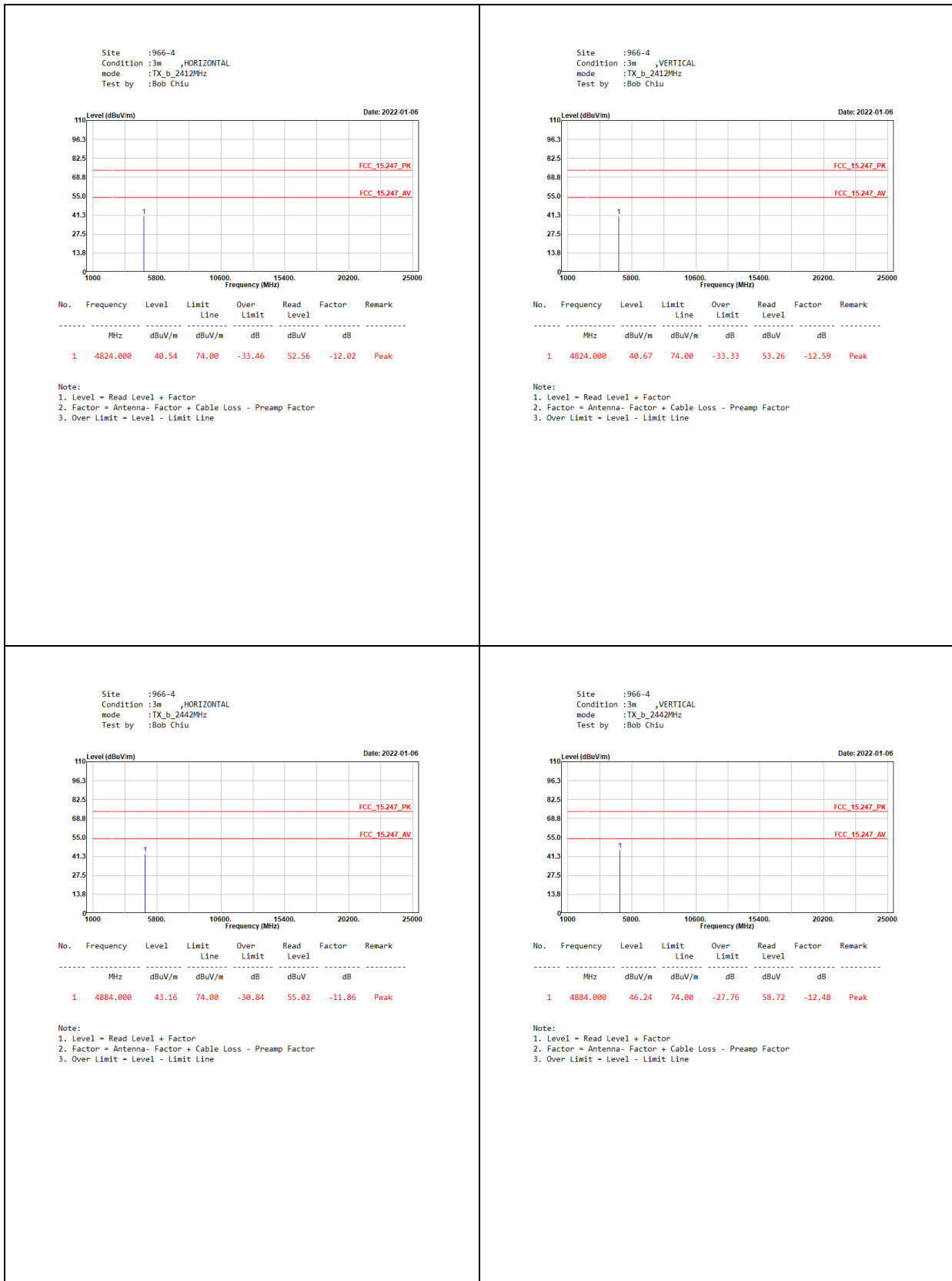
MIMO

Mode	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
n20 2412	98.51	3.9600	253	10
n20 2462	98.02	3.9600	253	10
n20 2467	98.51	3.9600	253	10
n20 2472	98.51	3.9800	251	10
n40 2412	98.51	3.9600	253	10
n40 2462	98.51	3.9600	253	10
n40 2467	98.51	3.9600	253	10
n40 2472	98.02	3.9600	253	10
ax20 2412	98.01	3.9400	254	10
ax20 2462	98.50	3.9400	254	10
ax20 2467	98.50	3.9400	254	10
ax20 2472	98.01	3.9400	254	10
ax40 2422	98.51	3.9600	253	10
ax40 2452	98.50	3.9400	254	10
ax40 2457	98.50	3.9400	254	10
ax40 2462	98.01	3.9400	254	10
ax20 2412-26/0-RU	96.97	2.5600	391	500
ax20 2412-52/37-RU	97.73	2.5800	388	500
ax20 2412-106/53-RU	97.73	2.5800	388	500
ax20 2472-26/8-RU	98.48	2.6000	385	10
ax20 2472-52/40-RU	97.71	2.5600	391	500
ax20 2472-106/54-RU	97.73	2.5800	388	500
ax40 2422-242/61-RU	97.73	2.5800	388	500
ax40 2462-242/62-RU	97.73	2.5800	388	500

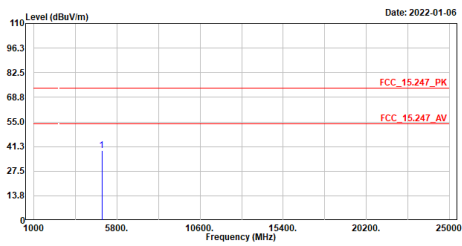
Note: Duty Cycle Refer to Section 5.

3.4. Test Result of Radiated Emission

SISO A



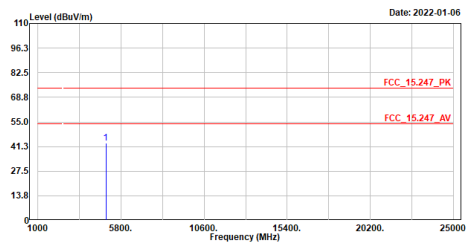
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Condition :3m ,HORIZONTAL
mode :TX_b_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.16	74.00	-34.84	50.92	-11.76	Peak

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

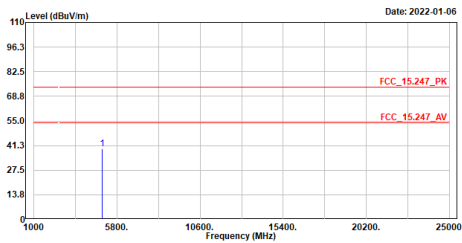
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Condition :3m ,VERTICAL
mode :TX_b_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	43.06	74.00	-30.94	55.45	-12.39	Peak

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

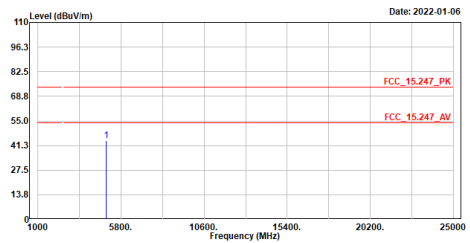
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_b_2467MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.56	74.00	-34.44	51.29	-11.73	Peak

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

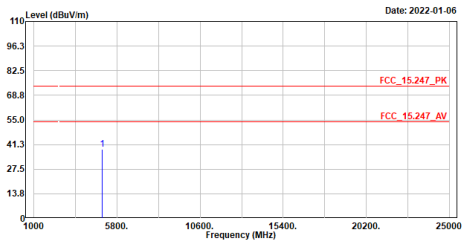
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Condition :3m ,VERTICAL
mode :TX_b_2467MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	44.13	74.00	-29.87	56.48	-12.35	Peak

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

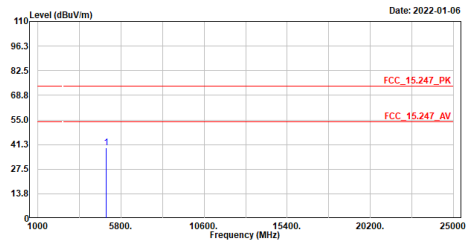
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Condition :3m ,HORIZONTAL
mode :TX_b_2472MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	38.65	74.00	-35.35	50.35	-11.70	Peak

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

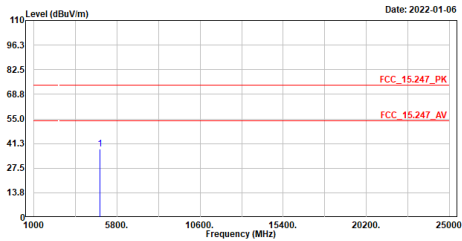
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Condition :3m ,VERTICAL
mode :TX_b_2472MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.62	74.00	-34.38	51.92	-12.30	Peak

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

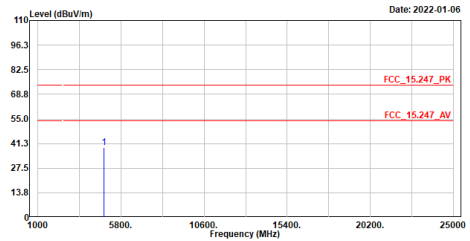
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Condition :3m ,HORIZONTAL
mode :TX_g_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	38.01	74.00	-35.99	50.04	-12.03	Peak

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

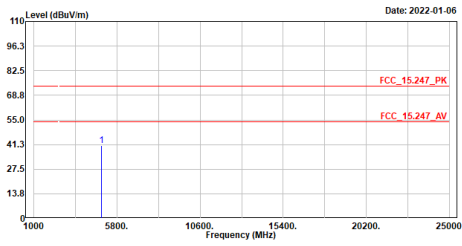
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Condition :3m ,VERTICAL
mode :TX_g_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	38.83	74.00	-35.17	51.42	-12.59	Peak

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

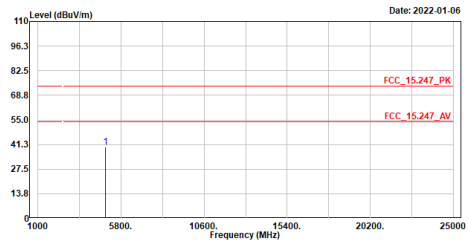
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Condition :3m ,HORIZONTAL
mode :TX_g_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	40.84	74.00	-33.16	52.70	-11.86	Peak

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

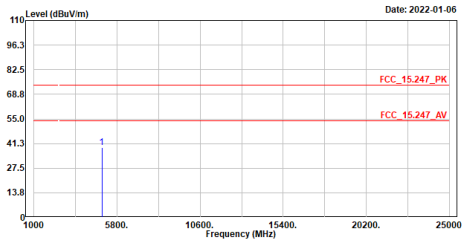
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Condition :3m ,VERTICAL
mode :TX_g_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.95	74.00	-34.05	52.43	-12.48	Peak

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

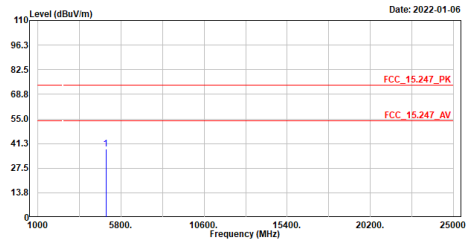
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Condition :3m ,HORIZONTAL
mode :TX_g_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.89	74.00	-35.11	50.65	-11.76	Peak

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

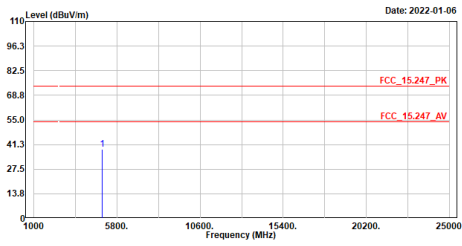
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Condition :3m ,VERTICAL
mode :TX_g_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.30	74.00	-35.70	50.69	-12.39	Peak

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

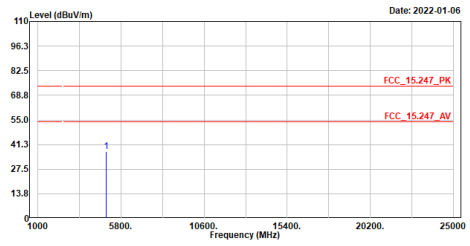
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Condition :3m ,HORIZONTAL
mode :TX_g_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.63	74.00	-35.37	50.36	-11.73	Peak

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

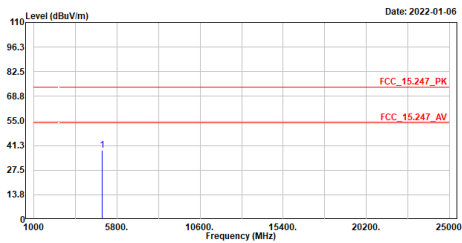
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Condition :3m ,VERTICAL
mode :TX_g_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	37.36	74.00	-36.64	49.71	-12.35	Peak

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

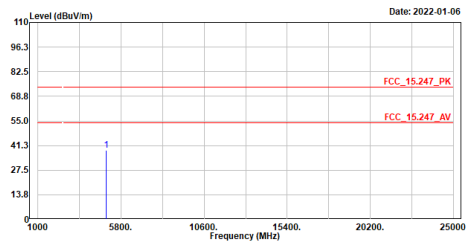
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mode :TX_g_2472MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	38.65	74.00	-35.35	50.35	-11.70	Peak

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

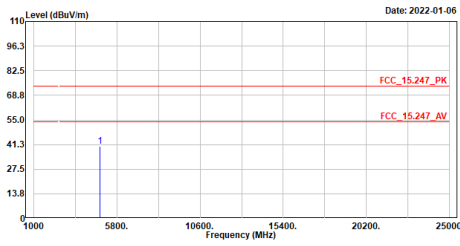
Site :966-4
Condition :3m ,VERTICAL
mode :TX_g_2472MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	38.76	74.00	-35.24	51.06	-12.30	Peak

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

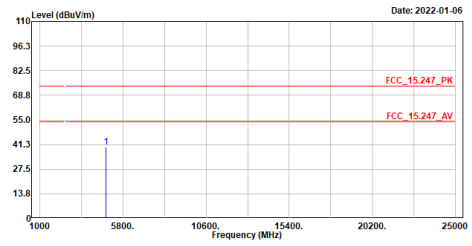
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Condition :3m ,HORIZONTAL
mode :TX_n20_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	40.20	74.00	-33.80	52.23	-12.03	Peak

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

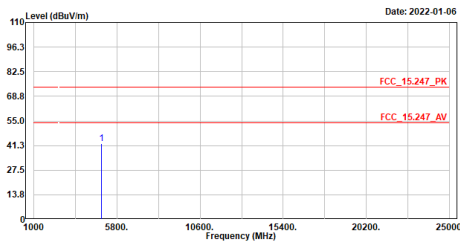
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.69	74.00	-34.31	52.28	-12.59	Peak

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

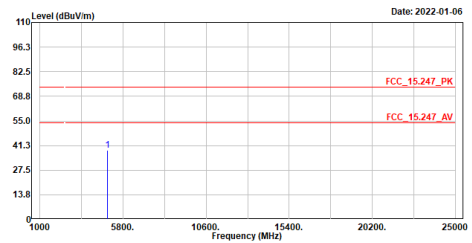
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	42.37	74.00	-31.63	54.23	-11.86	Peak

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

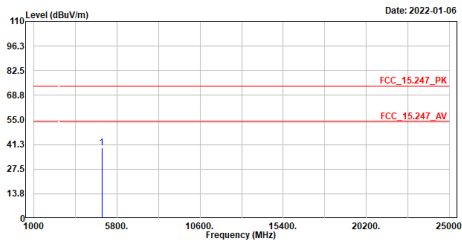
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	38.49	74.00	-35.51	50.97	-12.48	Peak

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

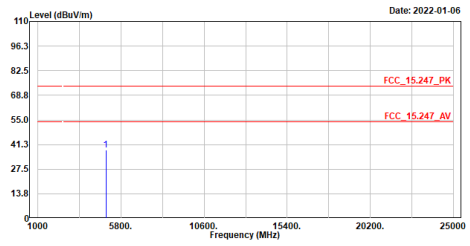
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.35	74.00	-34.65	51.11	-11.76	Peak

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

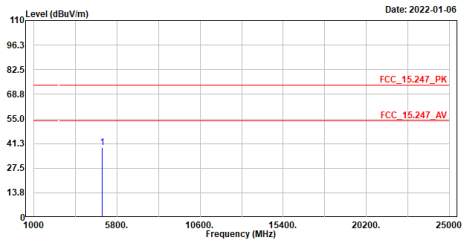
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.22	74.00	-35.78	50.61	-12.39	Peak

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

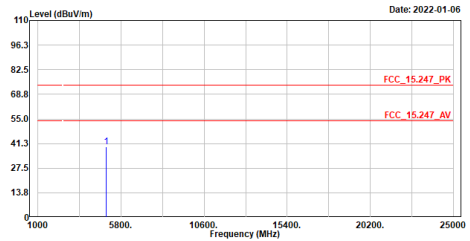
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.93	74.00	-35.07	50.66	-11.73	Peak

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

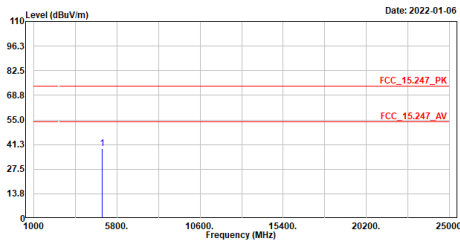
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	39.31	74.00	-34.69	51.66	-12.35	Peak

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

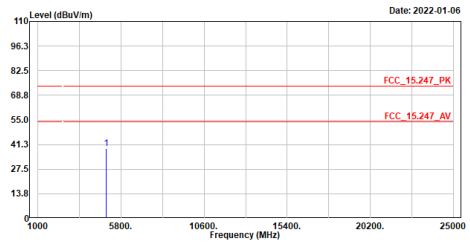
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2472MHz
Test by :Caster



Note:

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

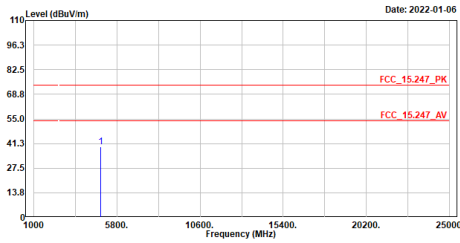
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2472MHz
Test by :Caster



Note:

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

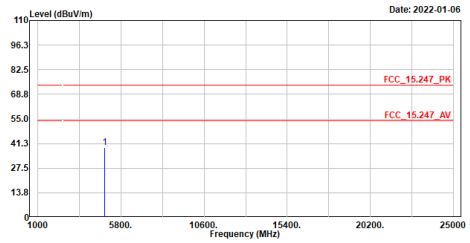
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n40_2472MHz
Test by :Caster



Note:

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

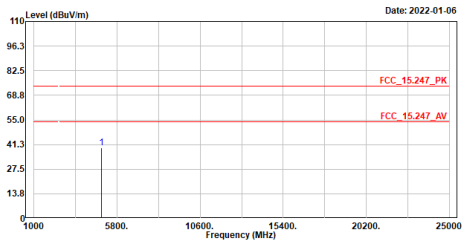
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n40_2472MHz
Test by :Caster



Note:

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

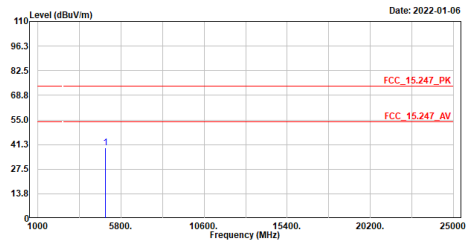
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2442MHz
Test by :Caster



Note:

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

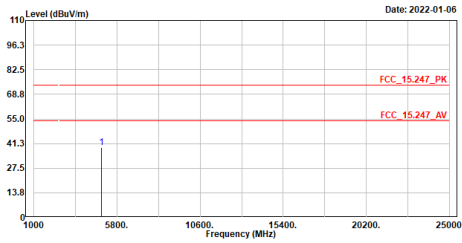
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2442MHz
Test by :Caster



Note:

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

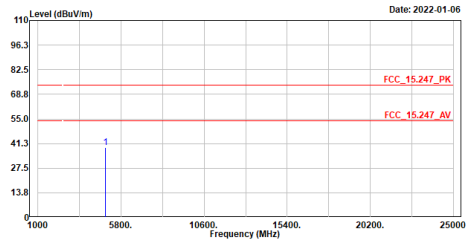
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2452MHz
Test by :Caster



Note:

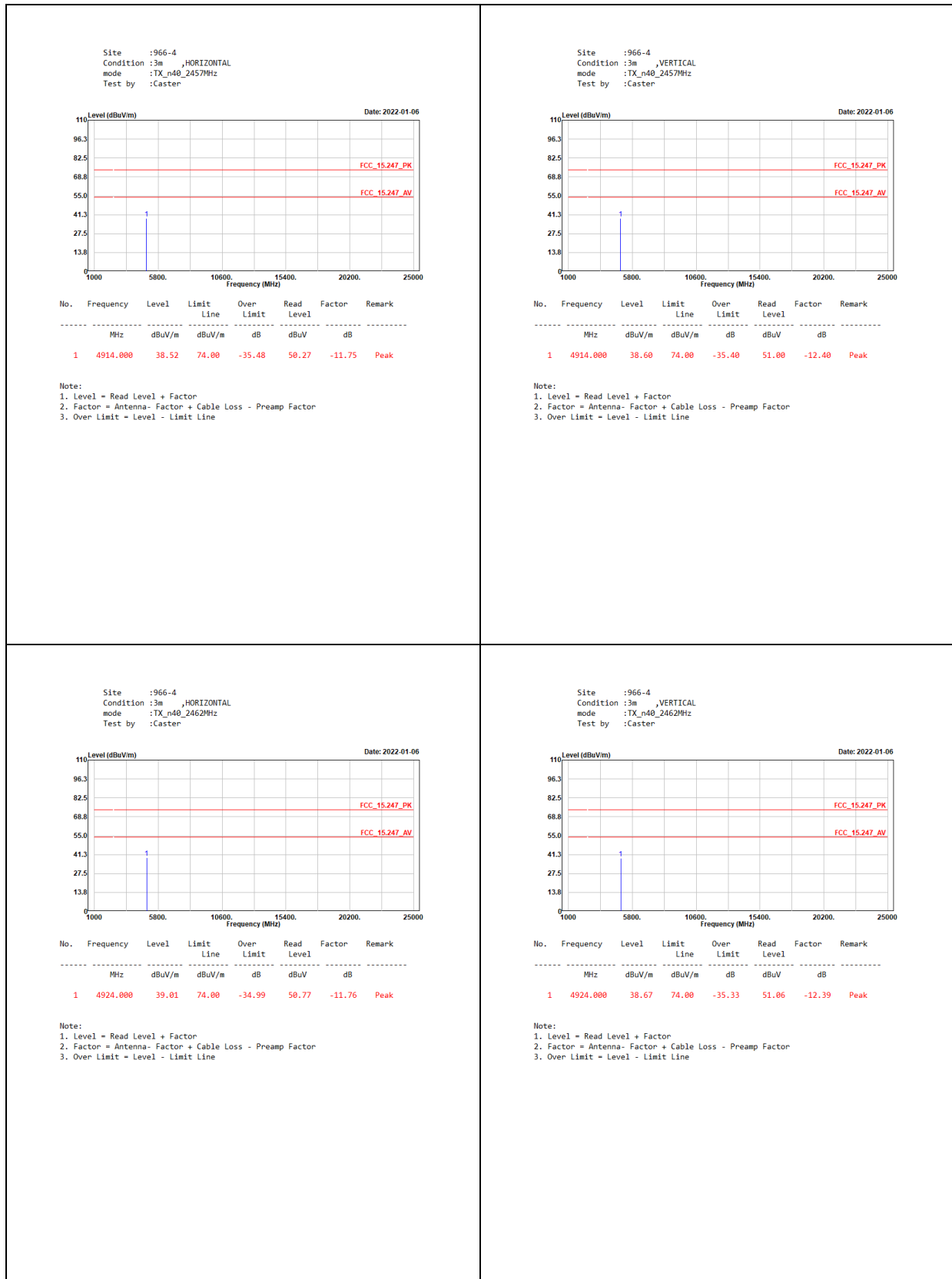
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2452MHz
Test by :Caster

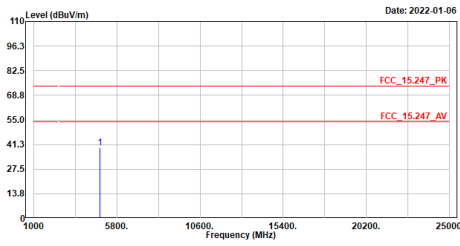


Note:

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



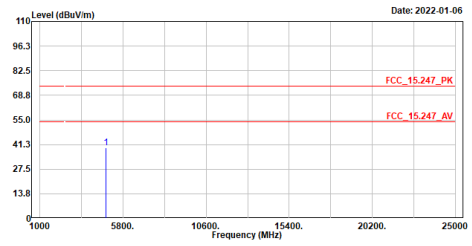
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.55	74.00	-34.45	51.58	-12.03	Peak

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

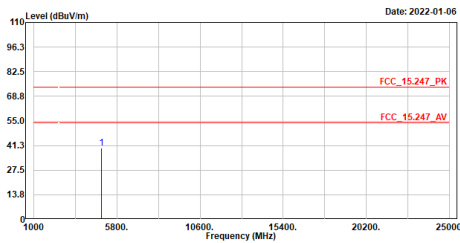
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.58	74.00	-34.42	52.17	-12.59	Peak

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

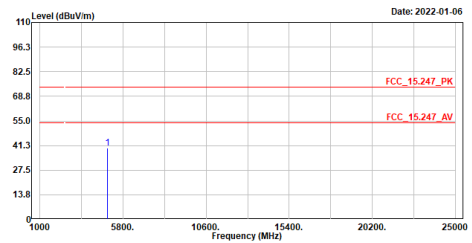
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.88	74.00	-34.12	51.74	-11.86	Peak

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

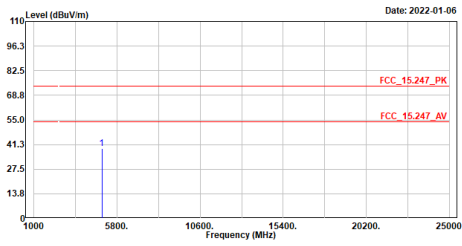
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.79	74.00	-34.21	52.27	-12.48	Peak

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

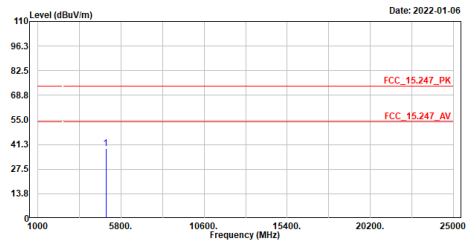
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.06	74.00	-34.94	50.82	-11.76	Peak

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

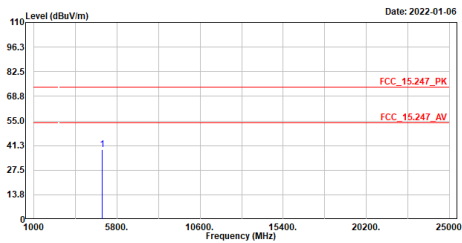
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.87	74.00	-35.13	51.26	-12.39	Peak

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

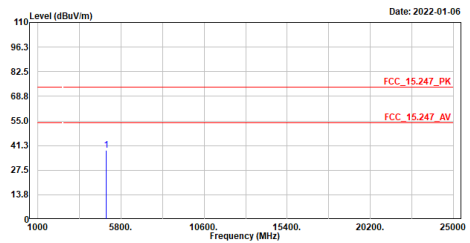
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.98	74.00	-35.02	50.71	-11.73	Peak

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

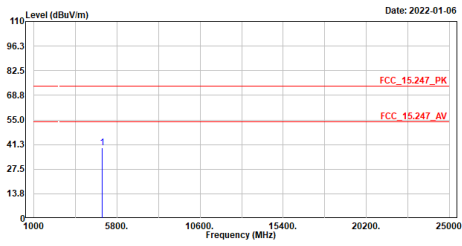
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.59	74.00	-35.41	50.94	-12.35	Peak

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

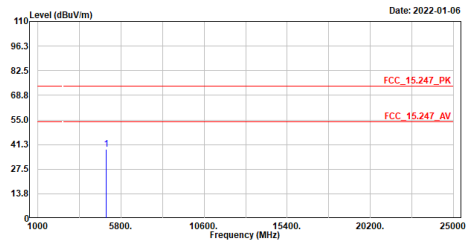
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2472MHz
Test by :Caster



Note:

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

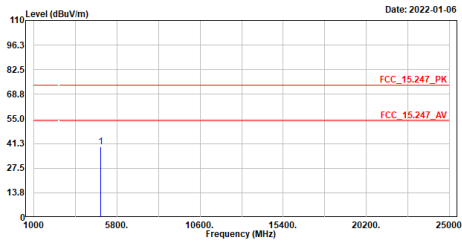
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2472MHz
Test by :Caster



Note:

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

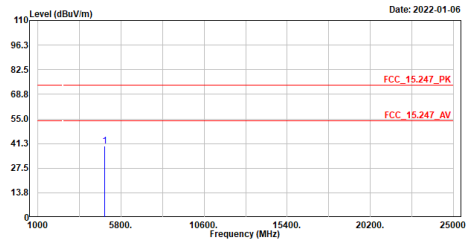
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2422MHz
Test by :Caster



Note:

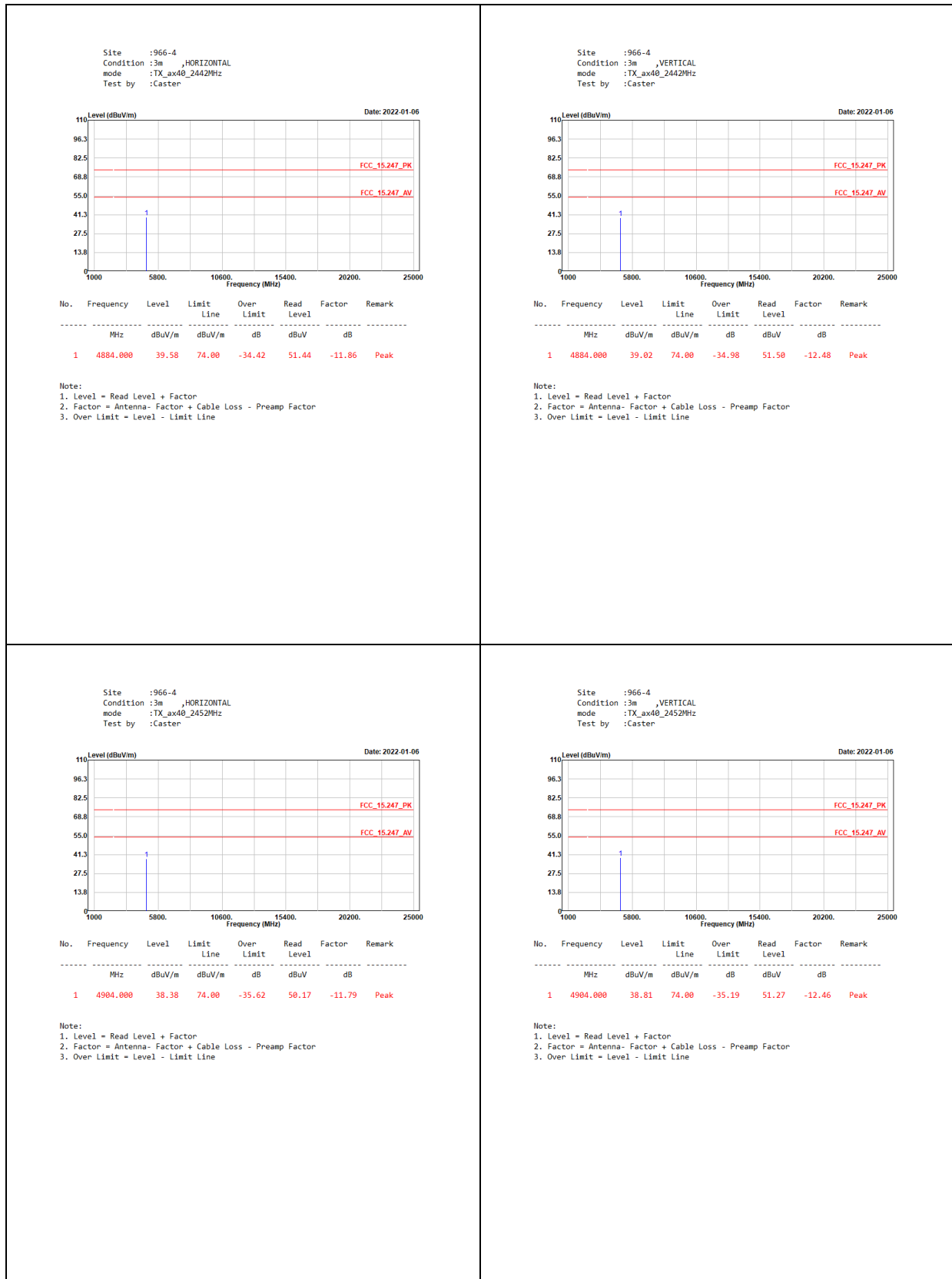
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2422MHz
Test by :Caster

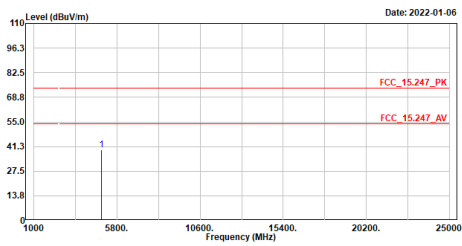


Note:

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



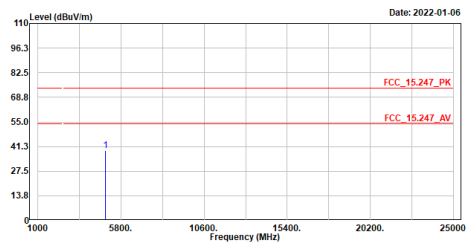
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2457MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.49	74.00	-34.51	51.24	-11.75	Peak

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

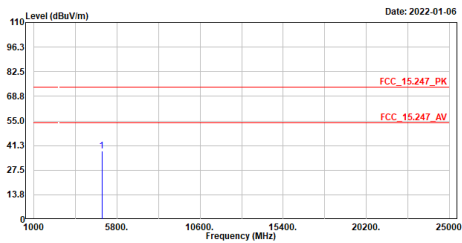
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2457MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.09	74.00	-34.91	51.49	-12.40	Peak

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

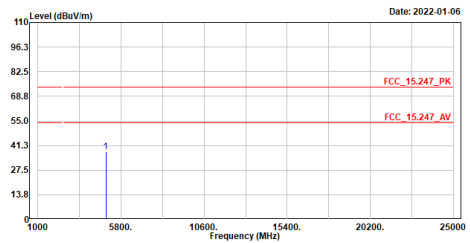
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.31	74.00	-35.69	50.87	-11.76	Peak

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

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2462MHz
Test by :Caster

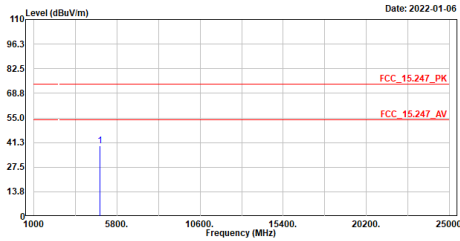


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	37.82	74.00	-36.18	50.21	-12.39	Peak

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

SISO B

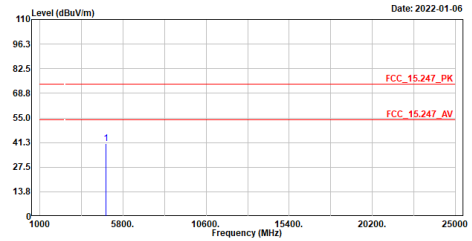
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_b_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.26	74.00	-34.74	51.29	-12.03	Peak

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

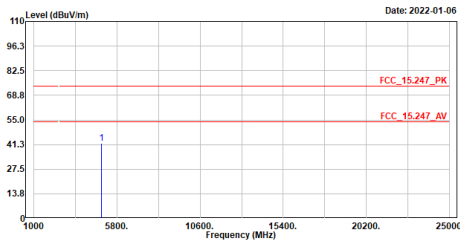
Site :966-4
Condition :3m ,VERTICAL
mode :TX_b_2412MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	40.80	74.00	-33.20	53.39	-12.59	Peak

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

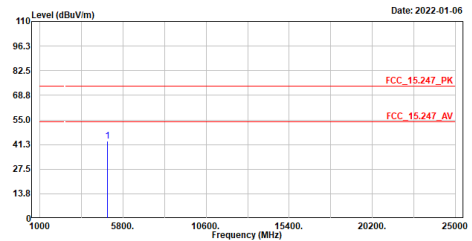
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_b_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	41.93	74.00	-32.07	53.79	-11.86	Peak

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

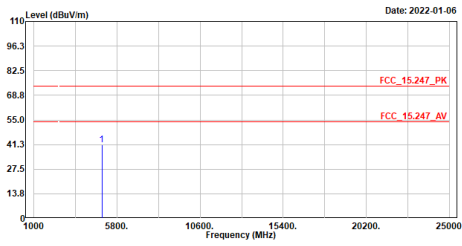
Site :966-4
Condition :3m ,VERTICAL
mode :TX_b_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	43.03	74.00	-30.97	55.51	-12.48	Peak

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

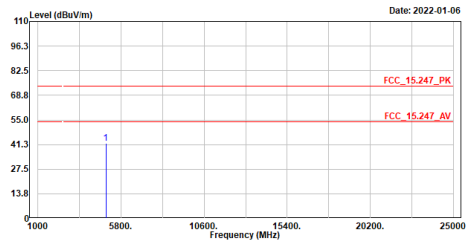
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_b_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	41.20	74.00	-32.80	52.96	-11.76	Peak

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

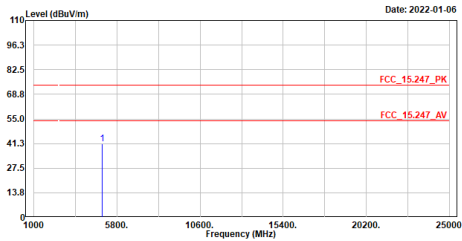
Site :966-4
Condition :3m ,VERTICAL
mode :TX_b_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	41.84	74.00	-32.16	54.23	-12.39	Peak

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

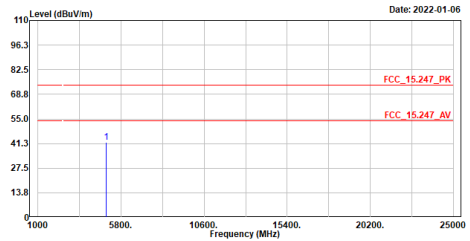
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_b_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	40.97	74.00	-33.03	52.70	-11.73	Peak

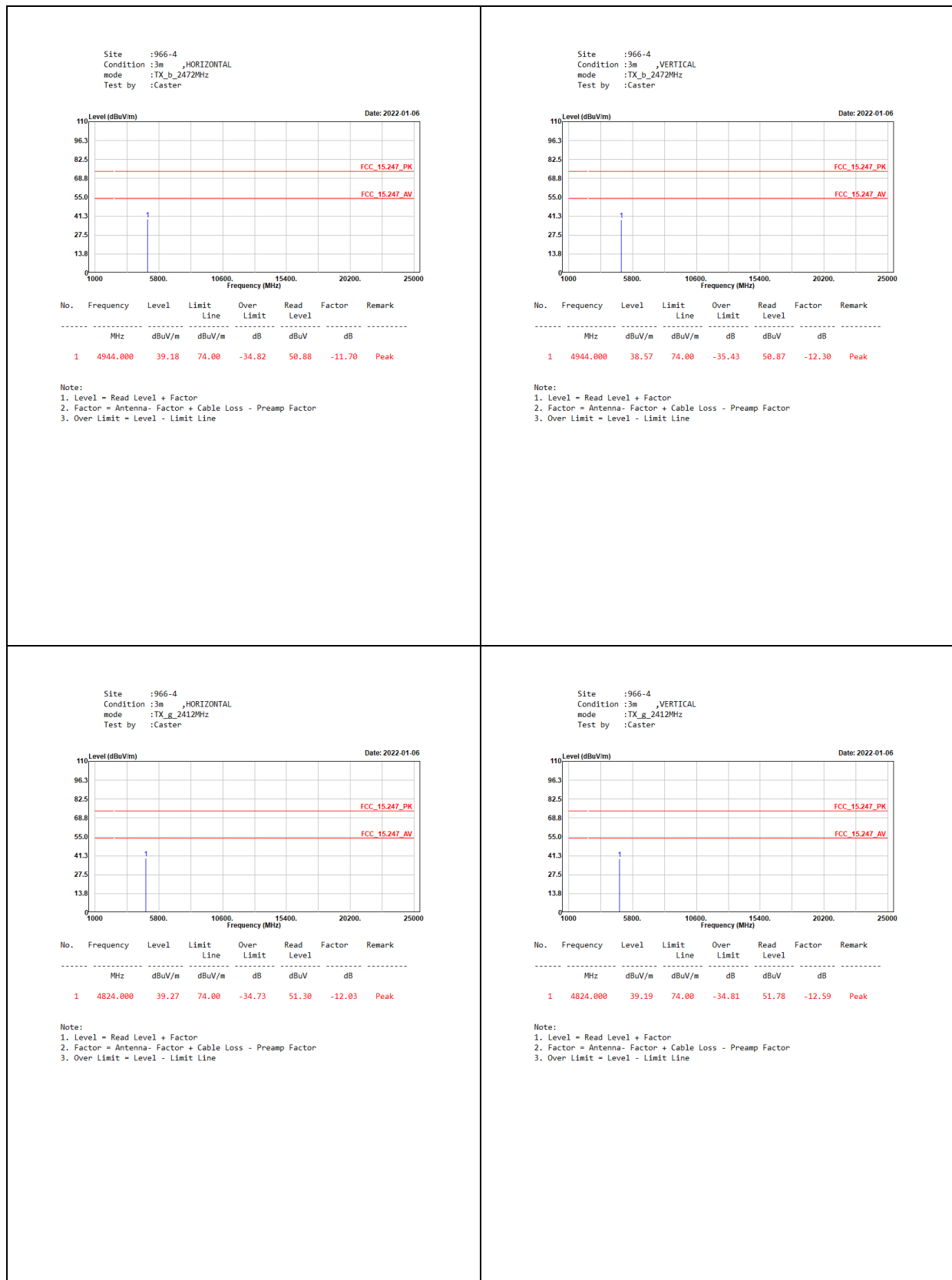
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_b_2467MHz
Test by :Caster

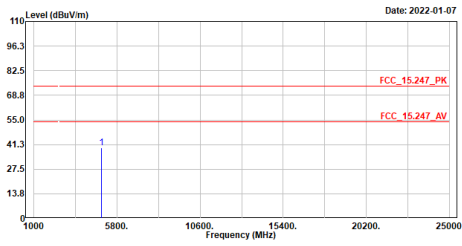


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	41.97	74.00	-32.03	54.32	-12.35	Peak

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



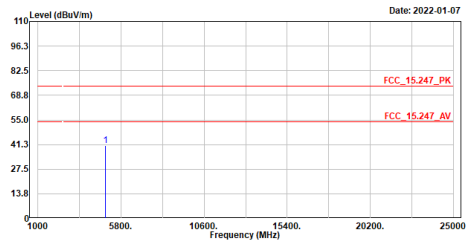
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_g_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.60	74.00	-34.40	51.46	-11.86	Peak

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

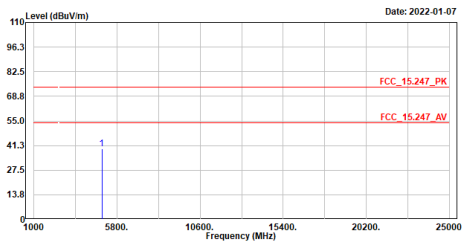
Site :966-4
Condition :3m ,VERTICAL
mode :TX_g_2442MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	40.62	74.00	-33.38	53.10	-12.48	Peak

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

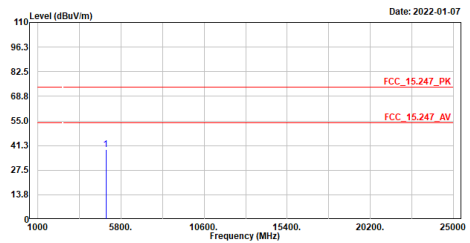
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_g_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.46	74.00	-34.54	51.22	-11.76	Peak

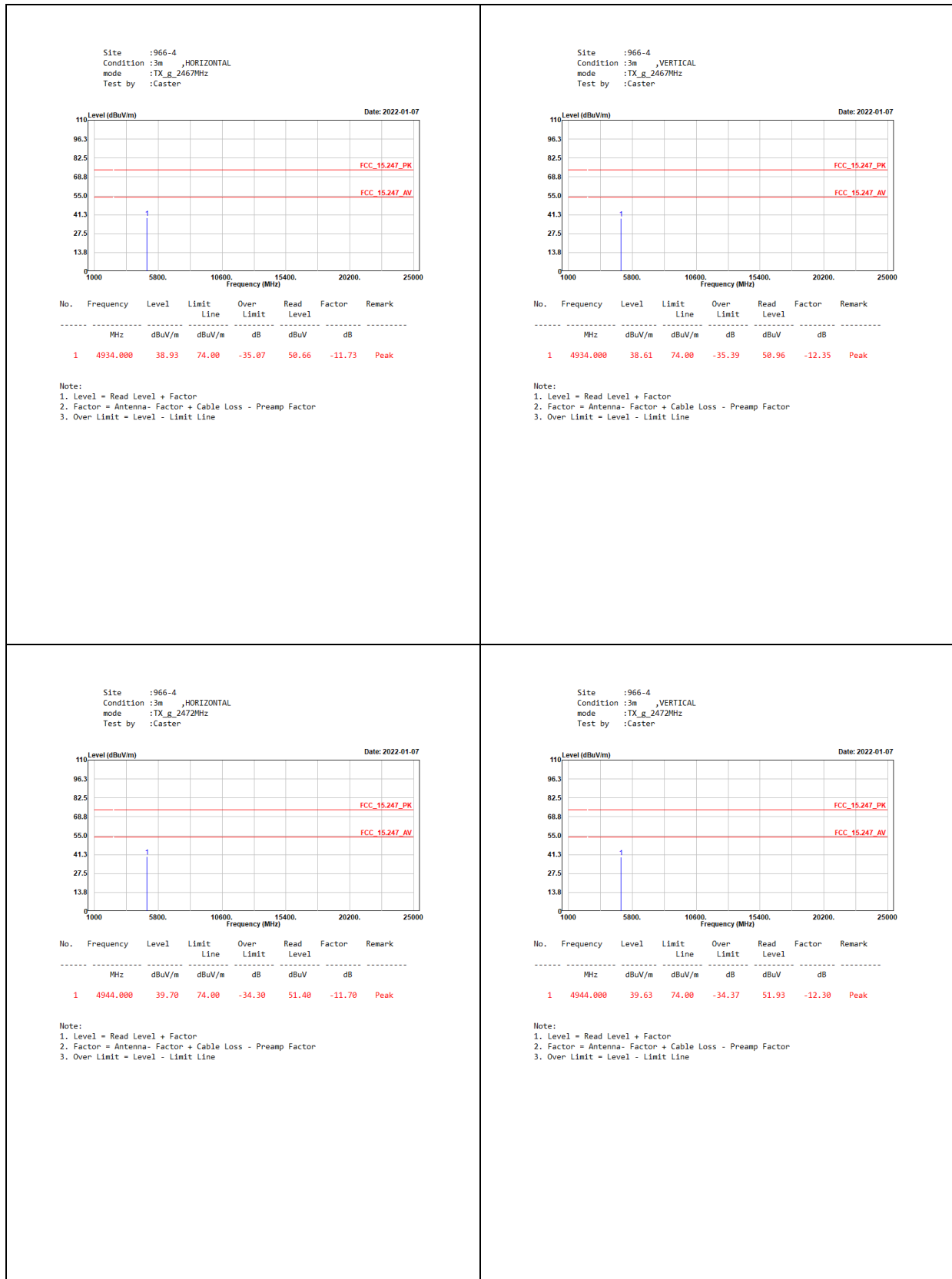
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_g_2462MHz
Test by :Caster

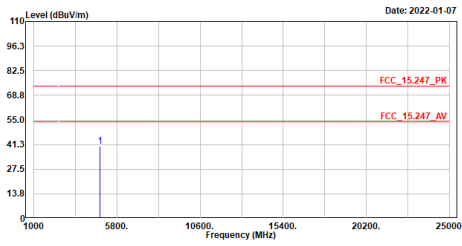


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.00	74.00	-35.00	51.39	-12.39	Peak

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



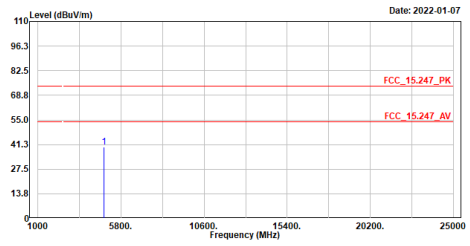
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2412MHz
Test by :Caster



Note:

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

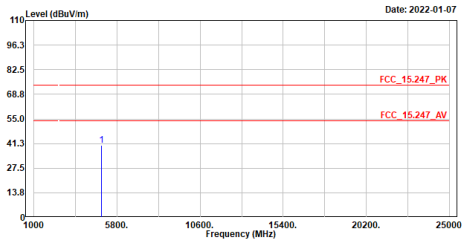
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2412MHz
Test by :Caster



Note:

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

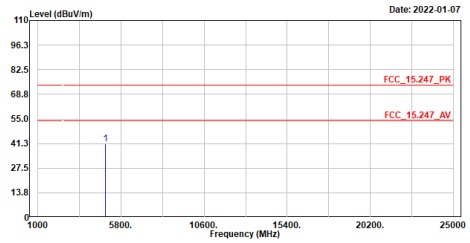
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2442MHz
Test by :Caster



Note:

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

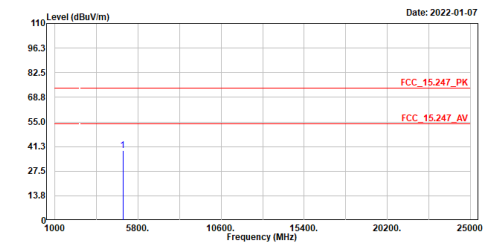
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2442MHz
Test by :Caster



Note:

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

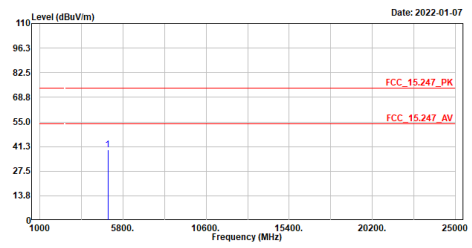
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.22	74.00	-34.78	50.98	-11.76	Peak

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

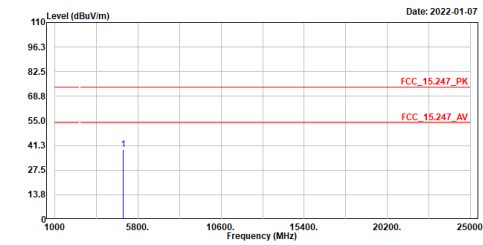
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2462MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.43	74.00	-34.57	51.82	-12.39	Peak

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

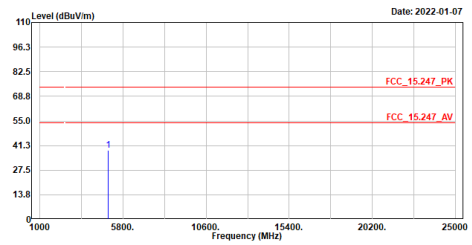
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.94	74.00	-35.06	50.67	-11.73	Peak

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

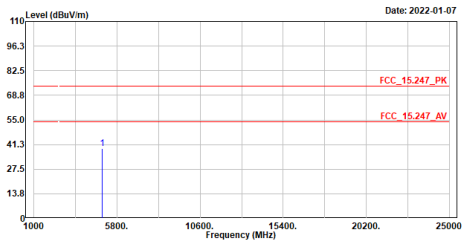
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2467MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.48	74.00	-35.52	50.83	-12.35	Peak

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

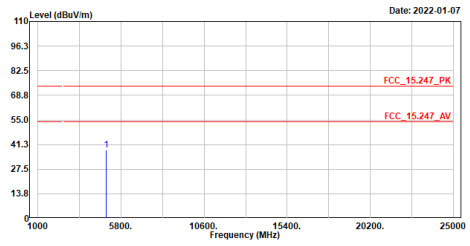
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2472MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	39.00	74.00	-35.00	50.70	-11.70	Peak

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

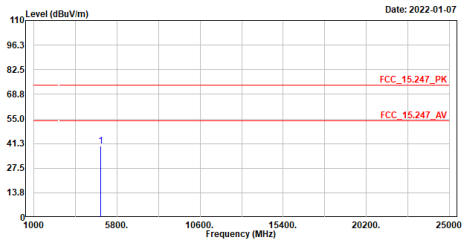
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2472MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	38.20	74.00	-35.80	50.50	-12.30	Peak

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

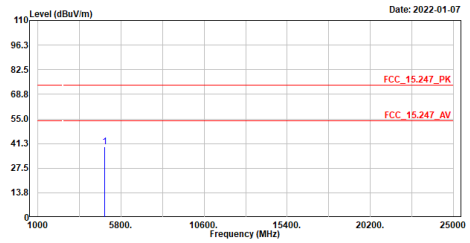
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n40_2422MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	40.00	74.00	-34.00	51.96	-11.96	Peak

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

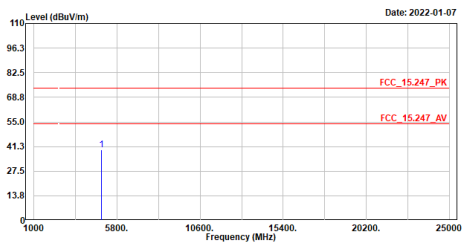
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n40_2422MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	39.28	74.00	-34.72	51.73	-12.45	Peak

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

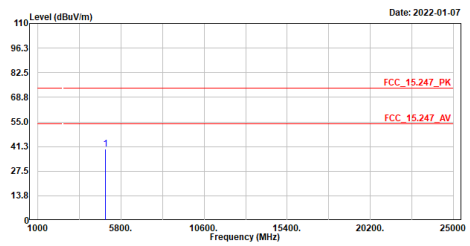
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2442MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.61	74.00	-34.39	51.47	-11.86	Peak

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

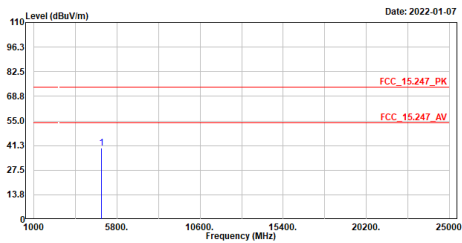
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2442MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.87	74.00	-34.13	52.35	-12.48	Peak

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

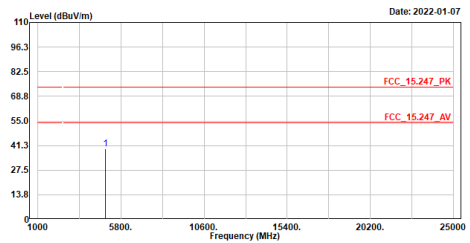
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2452MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	39.84	74.00	-34.16	51.63	-11.79	Peak

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

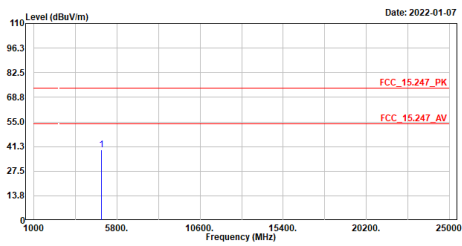
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2452MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	39.23	74.00	-34.77	51.69	-12.46	Peak

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

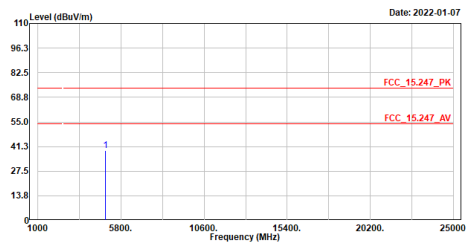
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.57	74.00	-34.43	51.32	-11.75	Peak

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

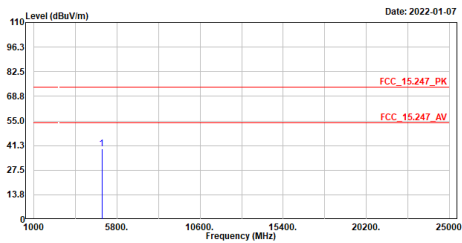
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.08	74.00	-34.92	51.48	-12.40	Peak

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

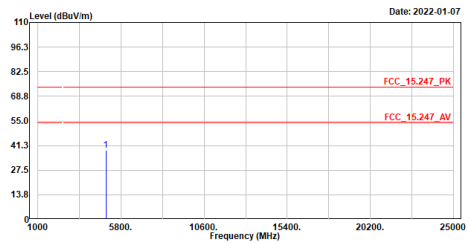
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.24	74.00	-34.76	51.00	-11.76	Peak

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

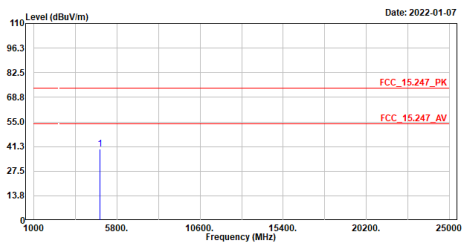
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.46	74.00	-35.54	50.85	-12.39	Peak

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

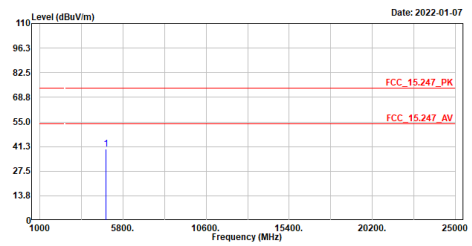
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2412MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.93	74.00	-34.07	51.96	-12.03	Peak

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

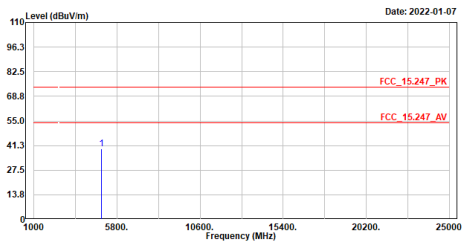
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2412MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4824.000	39.70	74.00	-34.30	52.29	-12.59	Peak

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

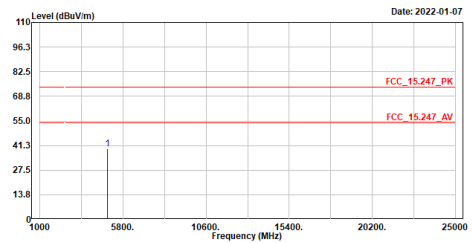
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2442MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.53	74.00	-34.47	51.39	-11.86	Peak

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

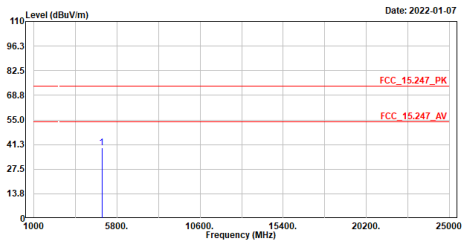
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2442MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.43	74.00	-34.57	51.91	-12.48	Peak

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

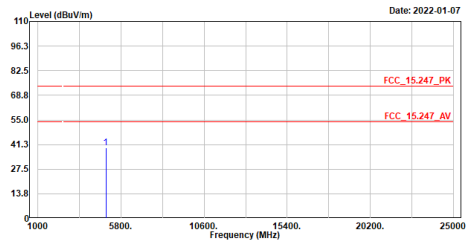
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2462MHz
Test by :Bob Chiu



Note:

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

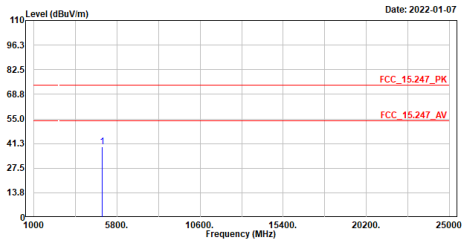
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2462MHz
Test by :Bob Chiu



Note:

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

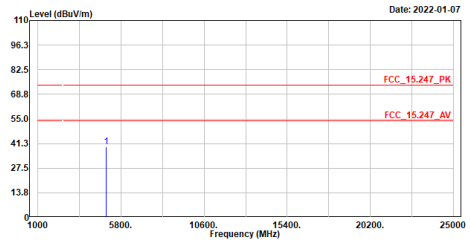
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2467MHz
Test by :Bob Chiu



Note:

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

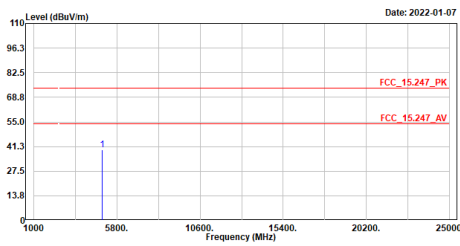
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2467MHz
Test by :Bob Chiu



Note:

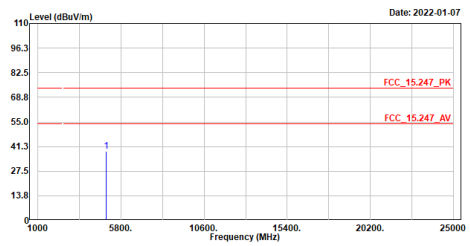
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2472MHz
Test by :Bob Chiu



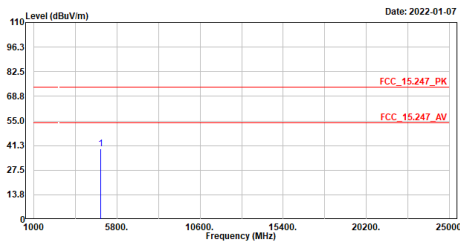
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2472MHz
Test by :Bob Chiu



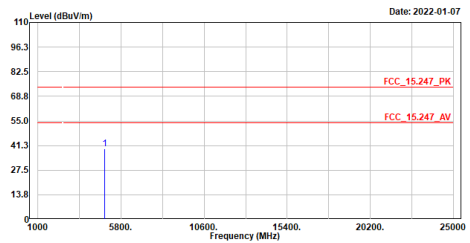
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2422MHz
Test by :Bob Chiu



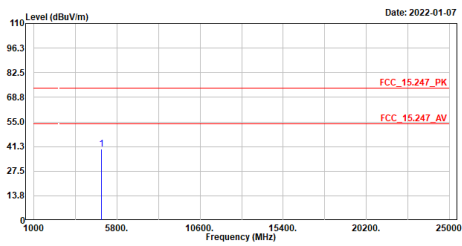
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2422MHz
Test by :Bob Chiu



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

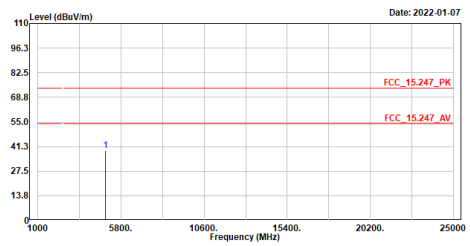
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2442MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	39.91	74.00	-34.09	51.77	-11.86	Peak

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

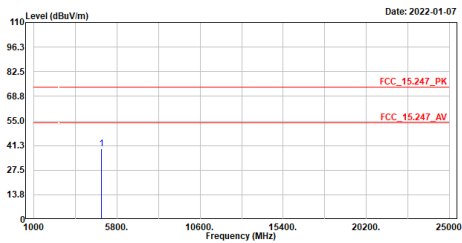
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2442MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4884.000	38.89	74.00	-35.11	51.37	-12.48	Peak

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

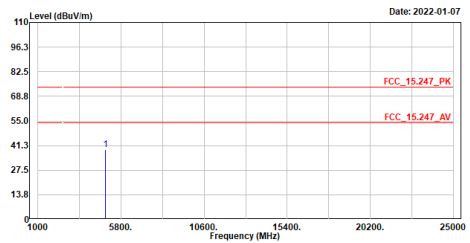
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2452MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	39.63	74.00	-34.37	51.42	-11.79	Peak

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

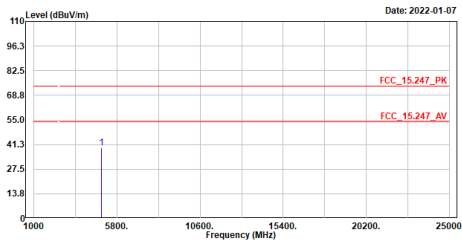
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2452MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4904.000	39.17	74.00	-34.83	51.63	-12.46	Peak

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

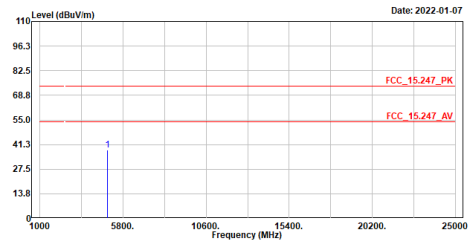
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.60	74.00	-34.40	51.35	-11.75	Peak

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

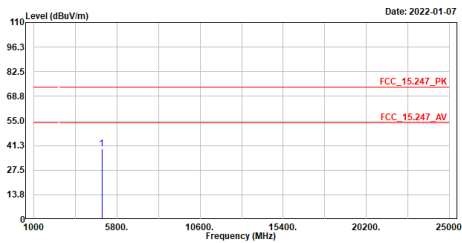
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	38.13	74.00	-35.87	50.53	-12.40	Peak

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

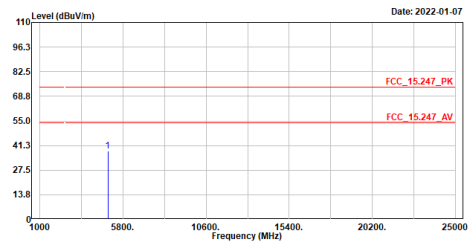
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.55	74.00	-34.45	51.31	-11.76	Peak

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

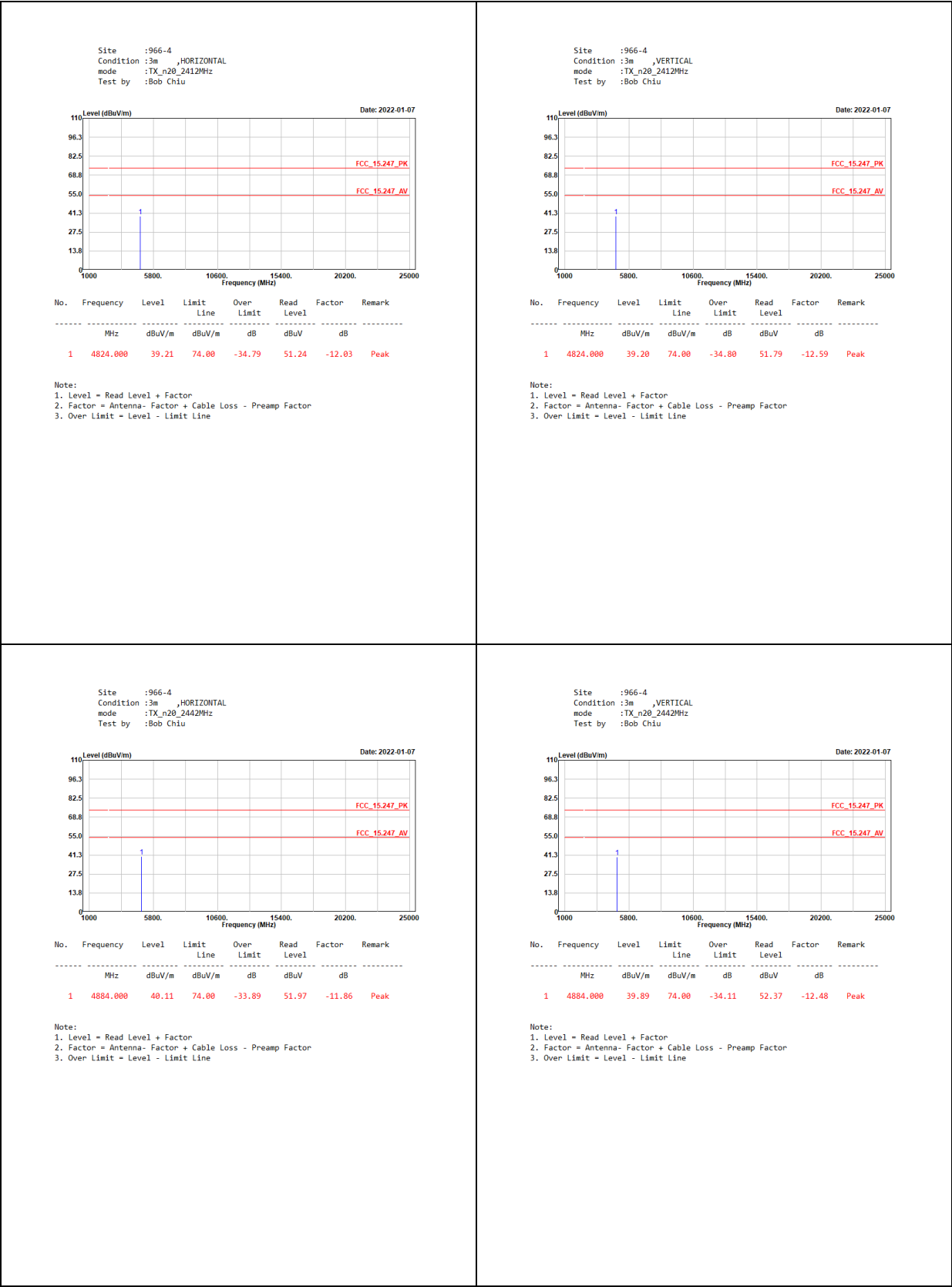
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2462MHz
Test by :Bob Chiu



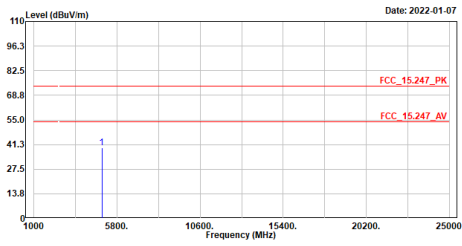
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.23	74.00	-35.77	50.62	-12.39	Peak

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

MIMO



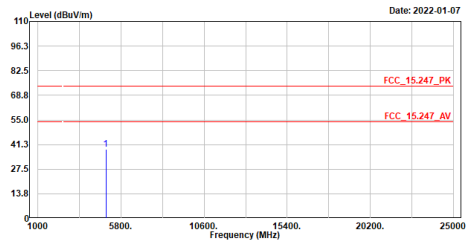
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	39.30	74.00	-34.70	51.06	-11.76	Peak

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

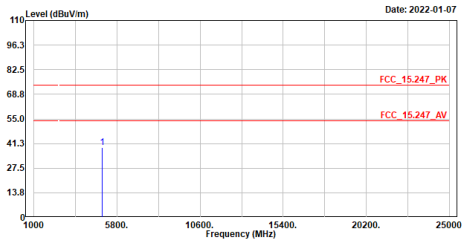
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.73	74.00	-35.27	51.12	-12.39	Peak

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

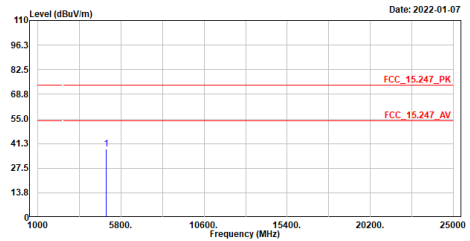
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2467MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.92	74.00	-35.08	50.65	-11.73	Peak

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

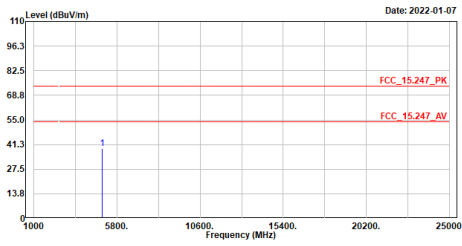
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2467MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4934.000	38.35	74.00	-35.65	50.70	-12.35	Peak

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

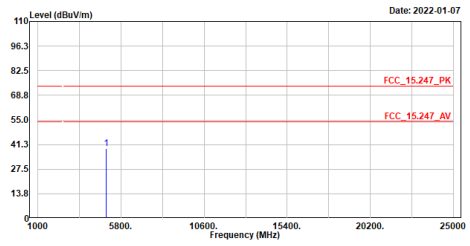
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n20_2472MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	38.95	74.00	-35.05	50.65	-11.70	Peak

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

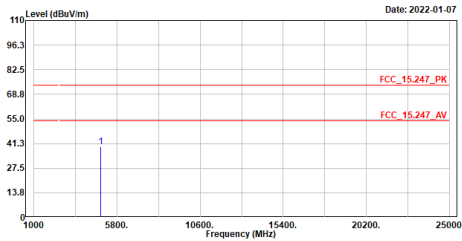
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n20_2472MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4944.000	38.89	74.00	-35.11	51.19	-12.30	Peak

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

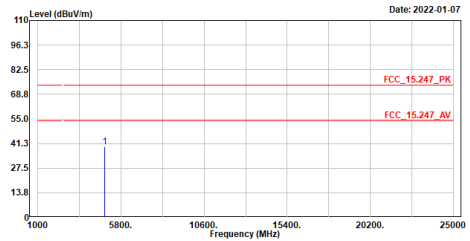
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_n40_2422MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	39.40	74.00	-34.60	51.36	-11.96	Peak

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

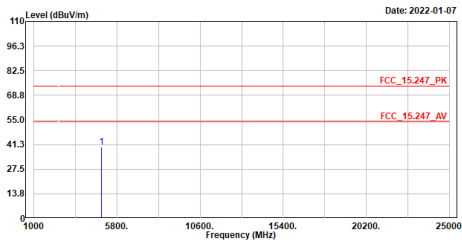
Site :966-4
Condition :3m ,VERTICAL
mode :TX_n40_2422MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4844.000	39.39	74.00	-34.61	51.84	-12.45	Peak

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

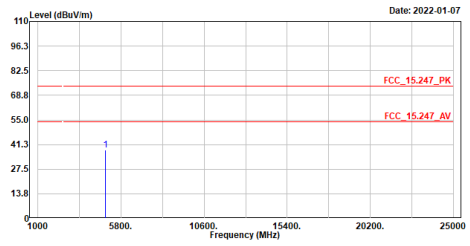
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2442MHz
Test by :Bob Chiu



Note:

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

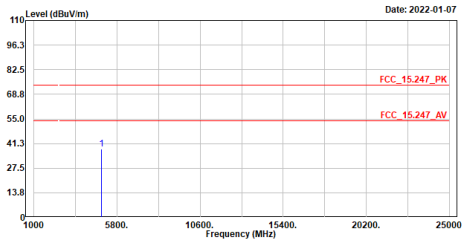
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2442MHz
Test by :Bob Chiu



Note:

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

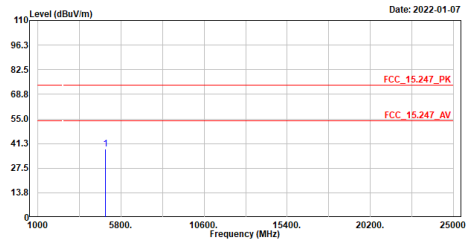
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2452MHz
Test by :Bob Chiu



Note:

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

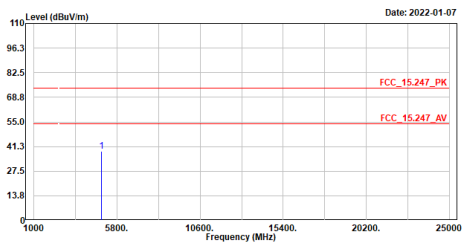
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2452MHz
Test by :Bob Chiu



Note:

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

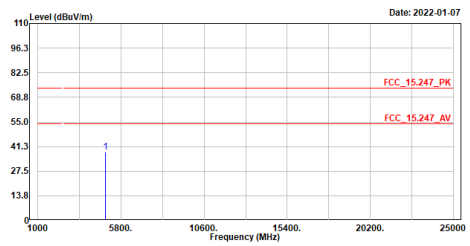
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	38.81	74.00	-35.19	50.56	-11.75	Peak

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

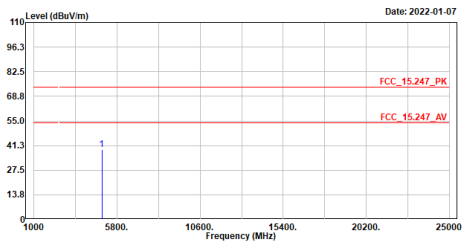
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	38.12	74.00	-35.88	50.52	-12.40	Peak

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

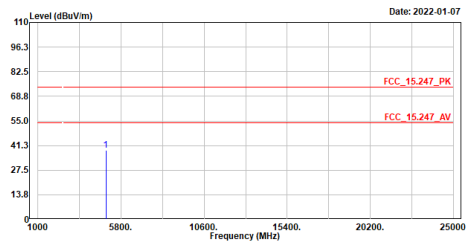
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_m40_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.98	74.00	-35.02	50.74	-11.76	Peak

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

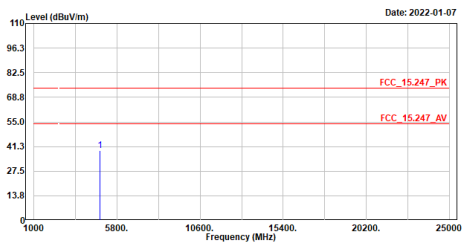
Site :966-4
Condition :3m ,VERTICAL
mode :TX_m40_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.67	74.00	-35.33	51.06	-12.39	Peak

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

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax29_2412MHz
Test by :Bob Chiu

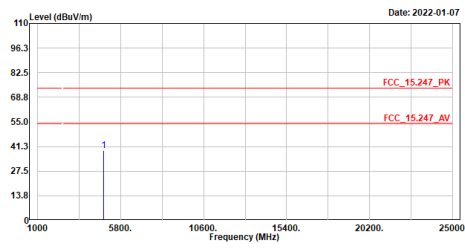


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4824.000	39.09	74.00	-34.91	51.12	-12.03	Peak

Note:

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

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax29_2412MHz
Test by :Bob Chiu

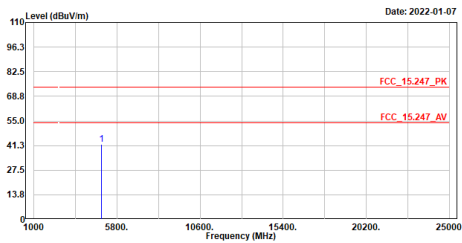


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4824.000	39.09	74.00	-34.91	51.68	-12.59	Peak

Note:

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

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax29_2442MHz
Test by :Bob Chiu

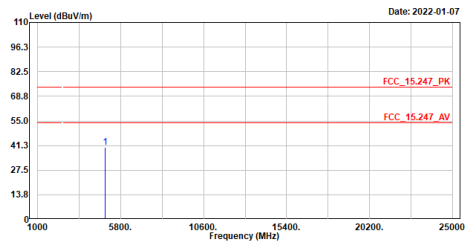


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4884.000	42.08	74.00	-31.92	53.94	-11.86	Peak

Note:

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

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax29_2442MHz
Test by :Bob Chiu

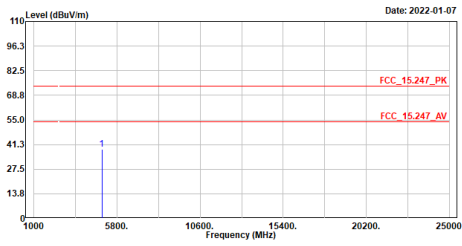


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4884.000	40.41	74.00	-33.59	52.89	-12.48	Peak

Note:

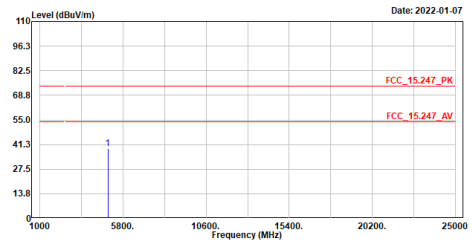
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2462MHz
Test by :Bob Chiu



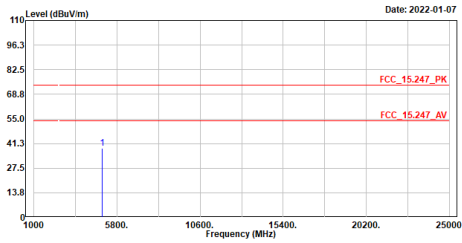
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2462MHz
Test by :Bob Chiu



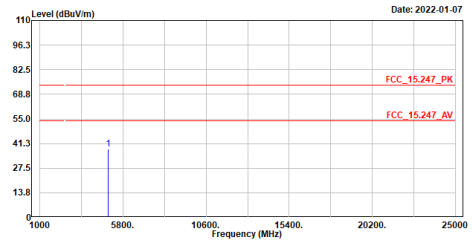
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2467MHz
Test by :Bob Chiu



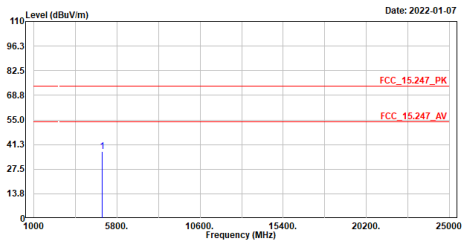
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2467MHz
Test by :Bob Chiu



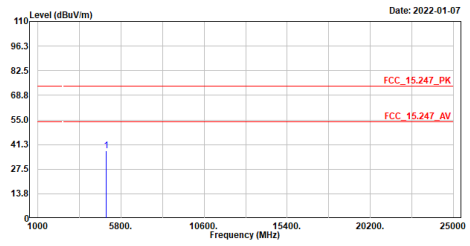
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax20_2472MHz
Test by :Bob Chiu



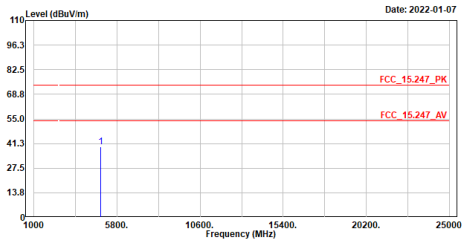
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax20_2472MHz
Test by :Bob Chiu



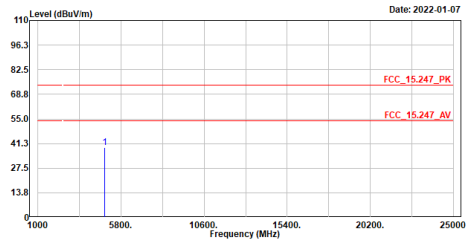
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2422MHz
Test by :Bob Chiu



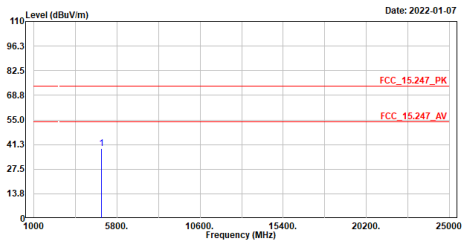
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2422MHz
Test by :Bob Chiu



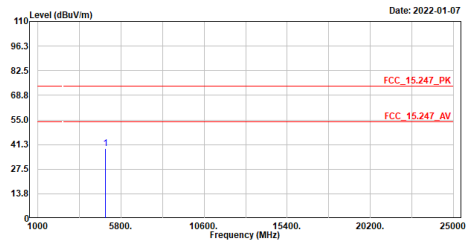
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2442MHz
Test by :Bob Chiu



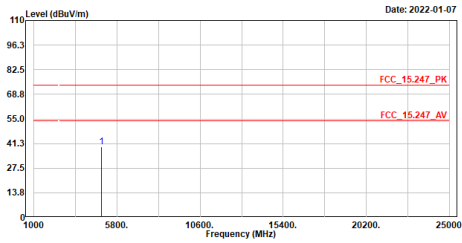
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2442MHz
Test by :Bob Chiu



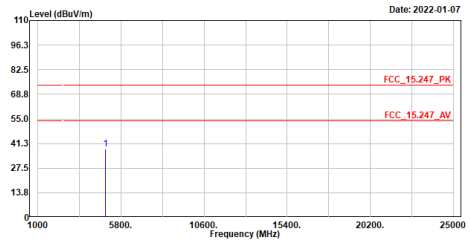
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2452MHz
Test by :Bob Chiu



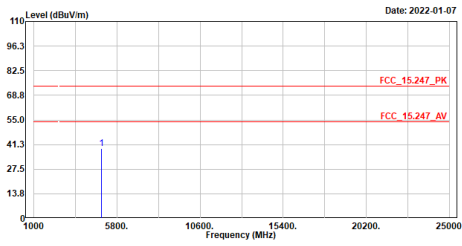
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2452MHz
Test by :Bob Chiu



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

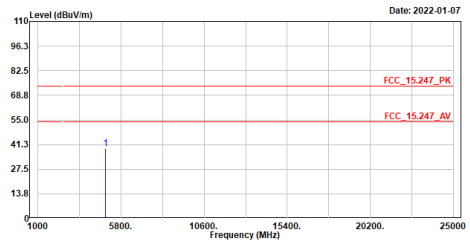
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	38.95	74.00	-35.05	50.70	-11.75	Peak

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

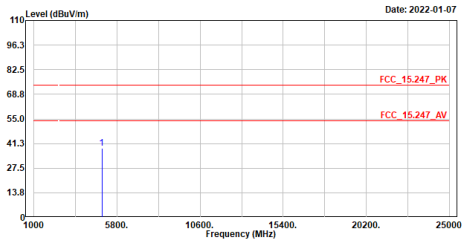
Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2457MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4914.000	39.13	74.00	-34.87	51.53	-12.40	Peak

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

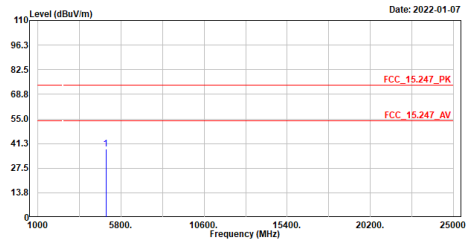
Site :966-4
Condition :3m ,HORIZONTAL
mode :TX_ax40_2462MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.50	74.00	-35.50	50.26	-11.76	Peak

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

Site :966-4
Condition :3m ,VERTICAL
mode :TX_ax40_2462MHz
Test by :Bob Chiu

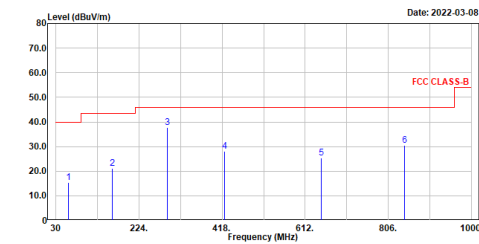


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4924.000	38.38	74.00	-35.62	50.77	-12.39	Peak

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

SISO A

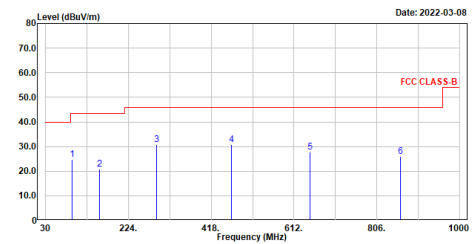
Site :966-3
Condition :3m ,Horizontal
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	60.070	15.45	40.00	-24.55	40.10	-24.65	QP
2	161.920	21.27	43.50	-22.23	45.18	-23.91	QP
3	290.930	37.85	46.00	-8.15	61.50	-23.65	QP
4	423.820	28.17	46.00	-17.83	48.43	-20.26	QP
5	648.860	25.30	46.00	-20.70	40.56	-15.26	QP
6	843.830	30.57	46.00	-15.43	43.37	-12.80	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 :966-3
Condition :3m ,Vertical
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu

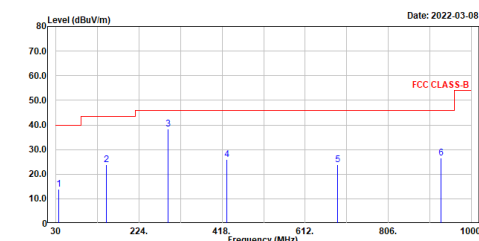


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	93.050	24.83	43.50	-18.67	54.73	-29.90	QP
2	157.070	20.92	43.50	-22.58	44.85	-23.93	QP
3	290.930	30.87	46.00	-15.13	54.52	-23.65	QP
4	465.530	30.70	46.00	-15.30	49.70	-19.00	QP
5	648.860	27.64	46.00	-18.36	42.90	-15.26	QP
6	862.260	25.98	46.00	-20.02	38.68	-12.70	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

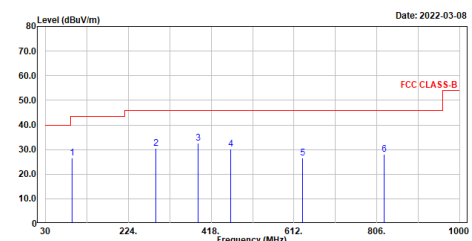
Site :966-3
Condition :3m ,Horizontal
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	36.790	14.03	40.00	-25.97	38.54	-24.51	QP
2	140.340	23.72	43.50	-19.78	47.81	-24.09	QP
3	291.900	38.34	46.00	-7.66	61.97	-23.63	QP
4	429.640	26.08	46.00	-19.92	46.00	-19.92	QP
5	688.630	24.00	46.00	-22.00	38.81	-14.81	QP
6	929.190	26.50	46.00	-19.50	38.32	-11.82	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.

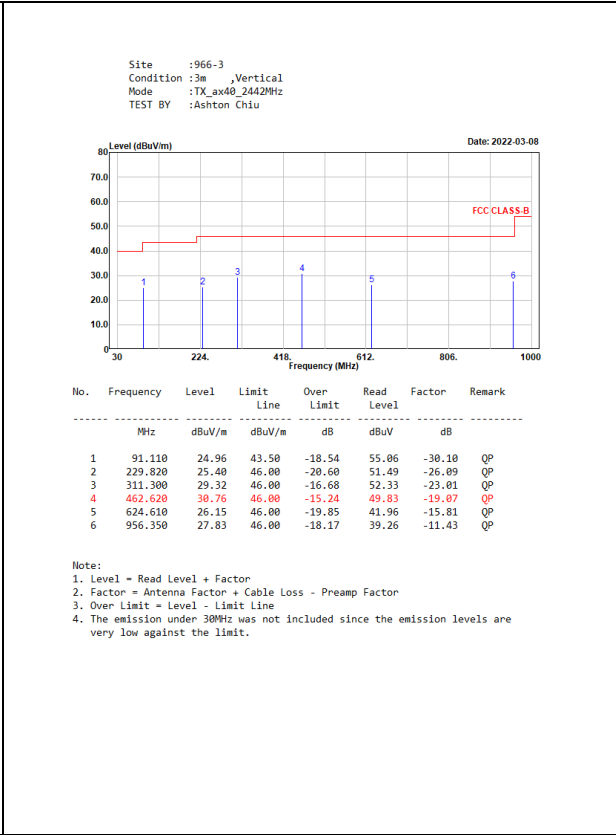
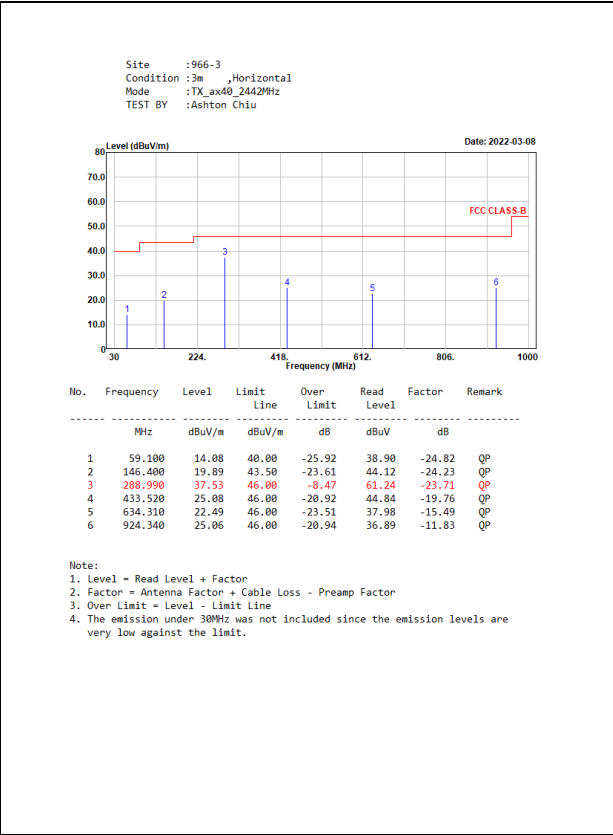
Site :966-3
Condition :3m ,Vertical
Mode :TX_ax40_2442MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	92.080	26.43	43.50	-17.07	56.42	-29.99	QP
2	288.990	30.42	46.00	-15.58	54.13	-23.71	QP
3	380.960	32.49	46.00	-13.51	53.59	-21.10	QP
4	464.560	30.11	46.00	-15.89	49.13	-19.02	QP
5	632.370	26.46	46.00	-19.54	42.00	-15.54	QP
6	822.490	28.18	46.00	-17.82	41.23	-13.05	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.

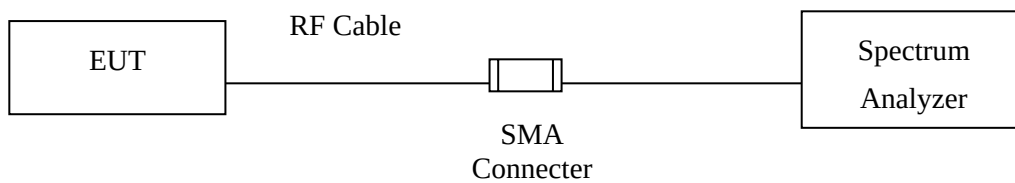
MIMO



4. Band Edge

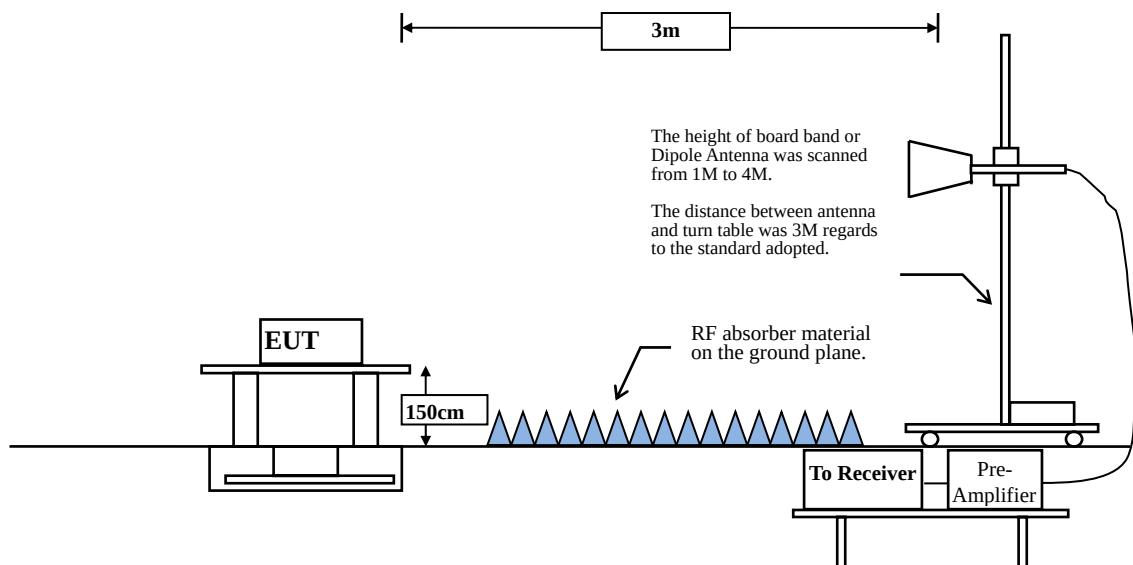
4.1. Test Setup

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.

$VBW = 10\text{Hz}$, 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

Mode	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
b 2412	99.29	8.3400	120	10
b 2462	99.29	8.3400	120	10
b 2467	97.20	2.0800	481	500
b 2472	99.29	8.3400	120	10
g 2412	97.20	2.0800	481	500
g 2462	97.20	2.0800	481	500
g 2467	97.20	2.0800	481	500
g 2472	97.20	2.0800	481	500
n20 2412	98.01	3.9400	254	10
n20 2462	98.51	3.9600	253	10
n20 2467	98.02	3.9600	253	10
n20 2472	98.51	3.9600	253	10
n40 2412	98.51	3.9600	253	10
n40 2462	98.51	3.9600	253	10
n40 2467	98.51	3.9600	253	10
n40 2472	98.51	3.9600	253	10
ax20 2412	98.50	3.9400	254	10
ax20 2462	98.50	3.9400	254	10
ax20 2467	98.01	3.9400	254	10
ax20 2472	98.50	3.9400	254	10
ax40 2422	98.50	3.9400	254	10
ax40 2452	98.01	3.9400	254	10
ax40 2457	98.50	3.9400	254	10
ax40 2462	98.01	3.9400	254	10
ax20 2412-26/0-RU	97.73	2.5800	388	500
ax20 2412-52/37-RU	97.71	2.5600	391	500
ax20 2412-106/53-RU	96.97	2.5600	391	500
ax20 2472-26/8-RU	98.48	2.6000	385	10
ax20 2472-52/40-RU	97.71	2.5600	391	500
ax20 2472-106/54-RU	97.71	2.5600	391	500
ax40 2422-242/61-RU	96.97	2.5600	391	500
ax40 2462-242/62-RU	97.73	2.5800	388	500

Note: Duty Cycle Refer to Section 5.

SISO B

Mode	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
b 2412	99.29	8.3400	120	10
b 2462	99.29	8.3400	120	10
b 2467	99.29	8.3400	120	10
b 2472	99.29	8.3400	120	10
g 2412	97.20	2.0800	481	500
g 2462	96.26	2.0600	485	500
g 2467	97.17	2.0600	485	500
g 2472	97.20	2.0800	481	500
n20 2412	98.51	3.9600	253	10
n20 2462	98.02	3.9600	253	10
n20 2467	98.51	3.9600	253	10
n20 2472	98.51	3.9600	253	10
n40 2412	98.51	3.9600	253	10
n40 2462	98.02	3.9600	253	10
n40 2467	98.01	3.9400	254	10
n40 2472	98.51	3.9600	253	10
ax20 2412	98.01	3.9400	254	10
ax20 2462	98.50	3.9400	254	10
ax20 2467	98.50	3.9400	254	10
ax20 2472	98.50	3.9400	254	10
ax40 2422	98.50	3.9400	254	10
ax40 2452	98.50	3.9400	254	10
ax40 2457	98.50	3.9400	254	10
ax40 2462	98.01	3.9400	254	10
ax20 2412-26/0-RU	95.12	5.4600	183	200
ax20 2412-52/37-RU	95.12	5.4600	183	200
ax20 2412-106/53-RU	95.12	5.4600	183	200
ax20 2472-26/8-RU	95.12	5.4600	183	200
ax20 2472-52/40-RU	95.12	5.4600	183	200
ax20 2472-106/54-RU	95.12	5.4600	183	200
ax40 2422-242/61-RU	98.20	5.4600	183	10
ax40 2462-242/62-RU	98.20	5.4600	183	10

Note: Duty Cycle Refer to Section 5.

MIMO

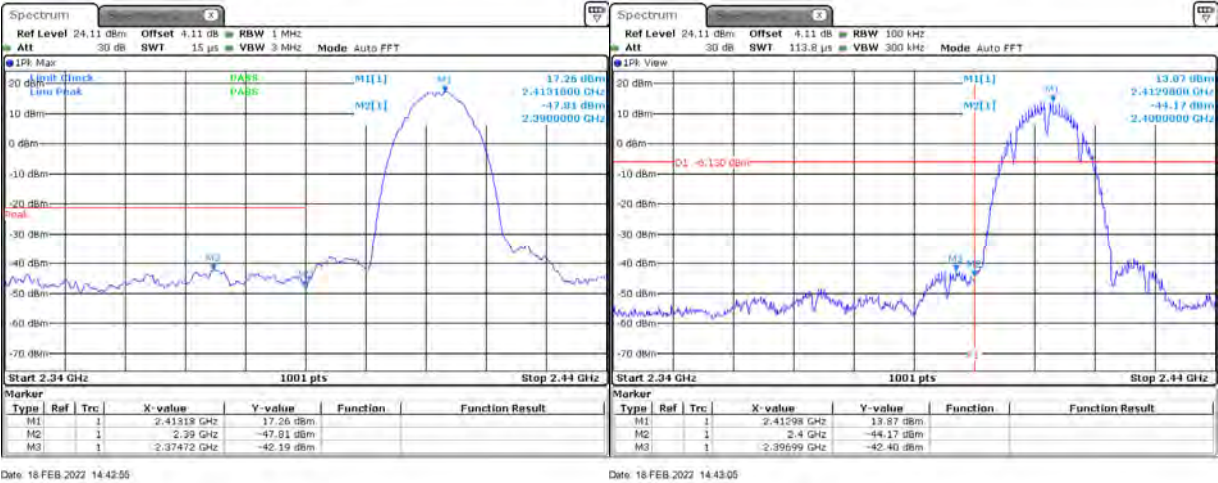
Mode	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
n20 2412	98.51	3.9600	253	10
n20 2462	98.02	3.9600	253	10
n20 2467	98.51	3.9600	253	10
n20 2472	98.51	3.9800	251	10
n40 2412	98.51	3.9600	253	10
n40 2462	98.51	3.9600	253	10
n40 2467	98.51	3.9600	253	10
n40 2472	98.02	3.9600	253	10
ax20 2412	98.01	3.9400	254	10
ax20 2462	98.50	3.9400	254	10
ax20 2467	98.50	3.9400	254	10
ax20 2472	98.01	3.9400	254	10
ax40 2422	98.51	3.9600	253	10
ax40 2452	98.50	3.9400	254	10
ax40 2457	98.50	3.9400	254	10
ax40 2462	98.01	3.9400	254	10
ax20 2412-26/0-RU	96.97	2.5600	391	500
ax20 2412-52/37-RU	97.73	2.5800	388	500
ax20 2412-106/53-RU	97.73	2.5800	388	500
ax20 2472-26/8-RU	98.48	2.6000	385	10
ax20 2472-52/40-RU	97.71	2.5600	391	500
ax20 2472-106/54-RU	97.73	2.5800	388	500
ax40 2422-242/61-RU	97.73	2.5800	388	500
ax40 2462-242/62-RU	97.73	2.5800	388	500

Note: Duty Cycle Refer to Section 5.

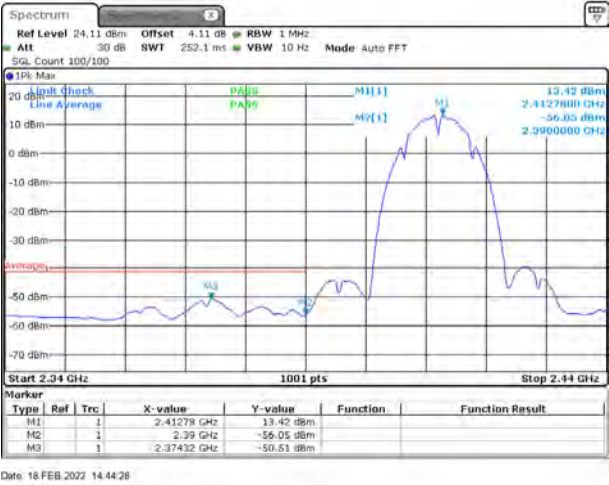
4.4. Test Result of Band Edge

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

Peak

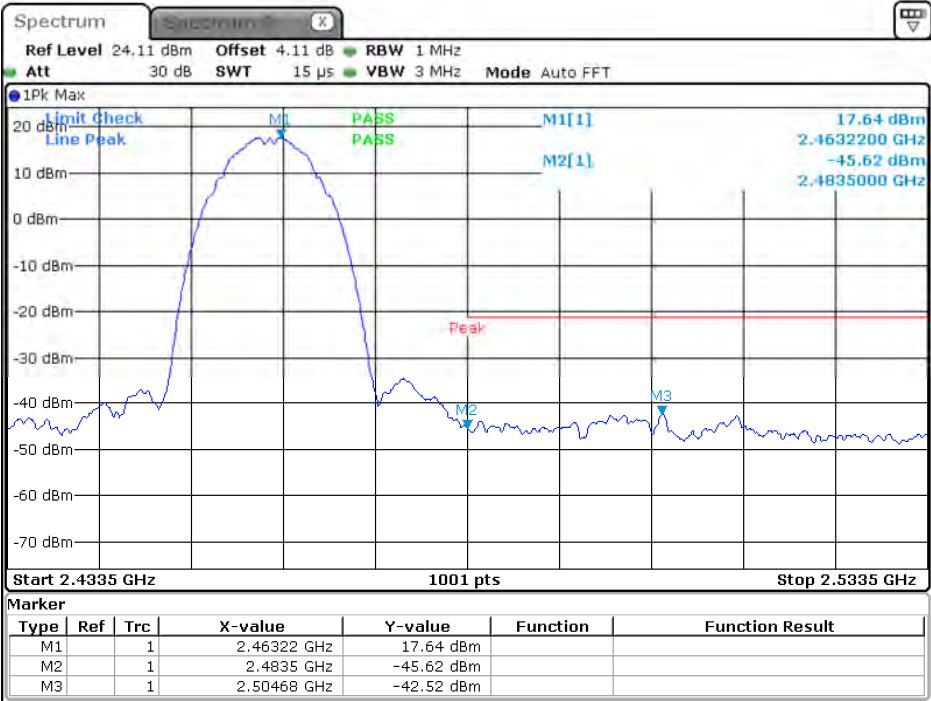


Average



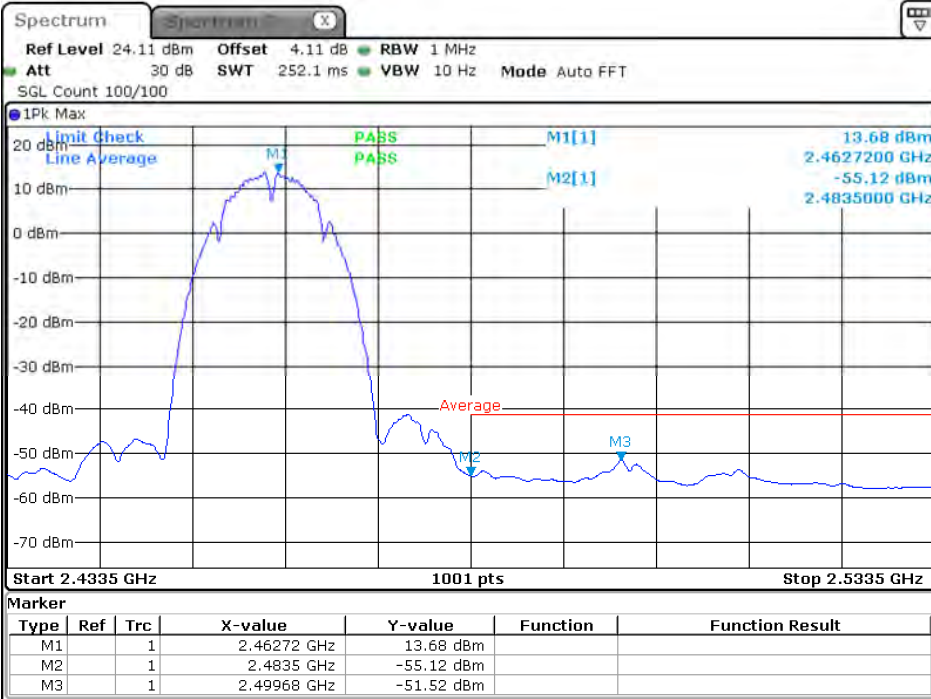
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 14:47:59

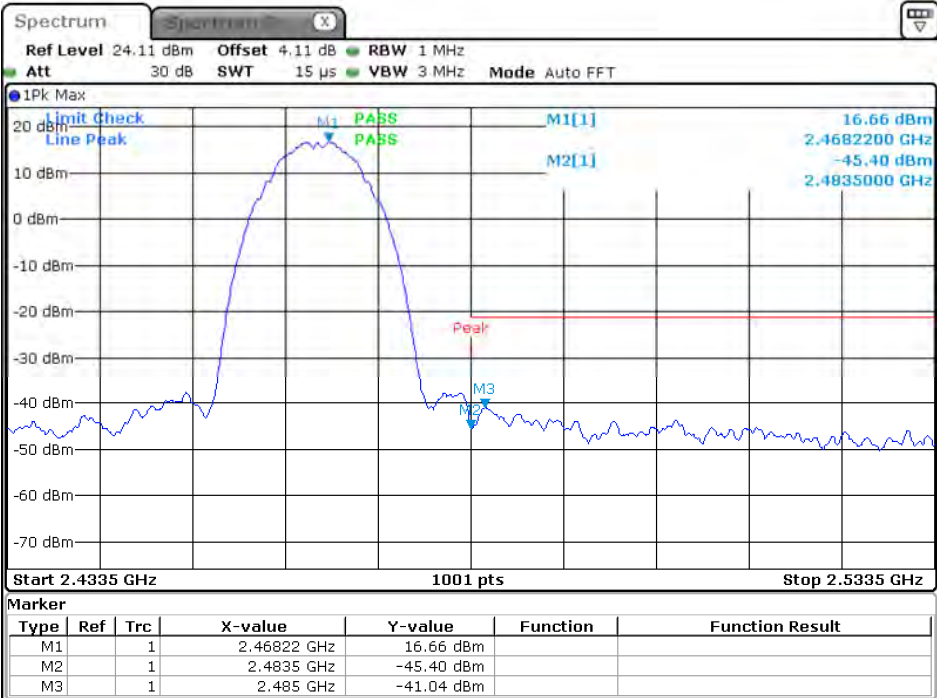
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Date: 18.FEB.2022 14:49:22

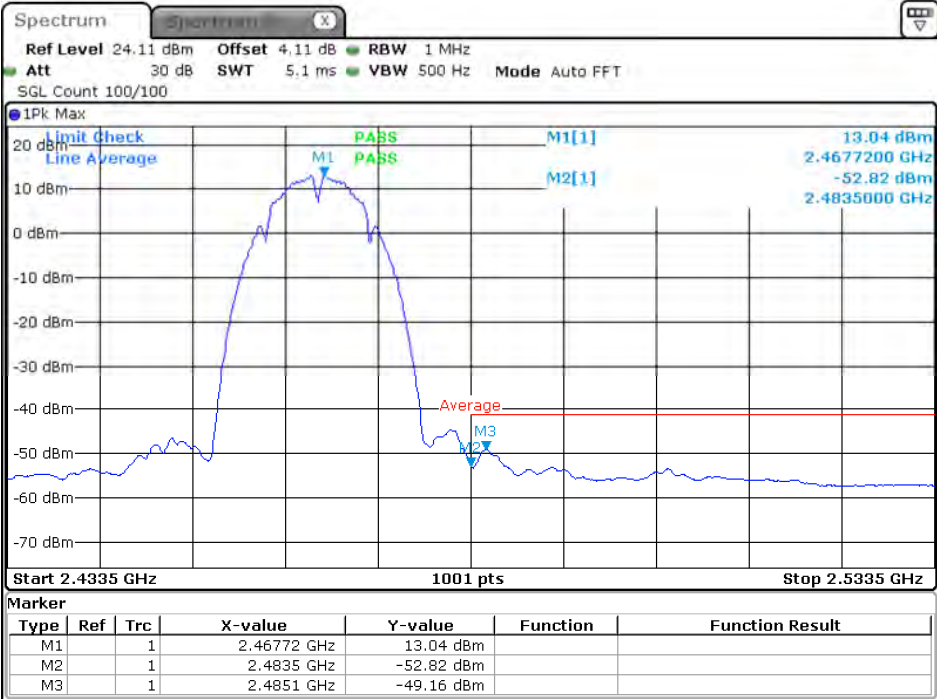
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2467MHz)

Peak



Date: 18.FEB.2022 14:57:38

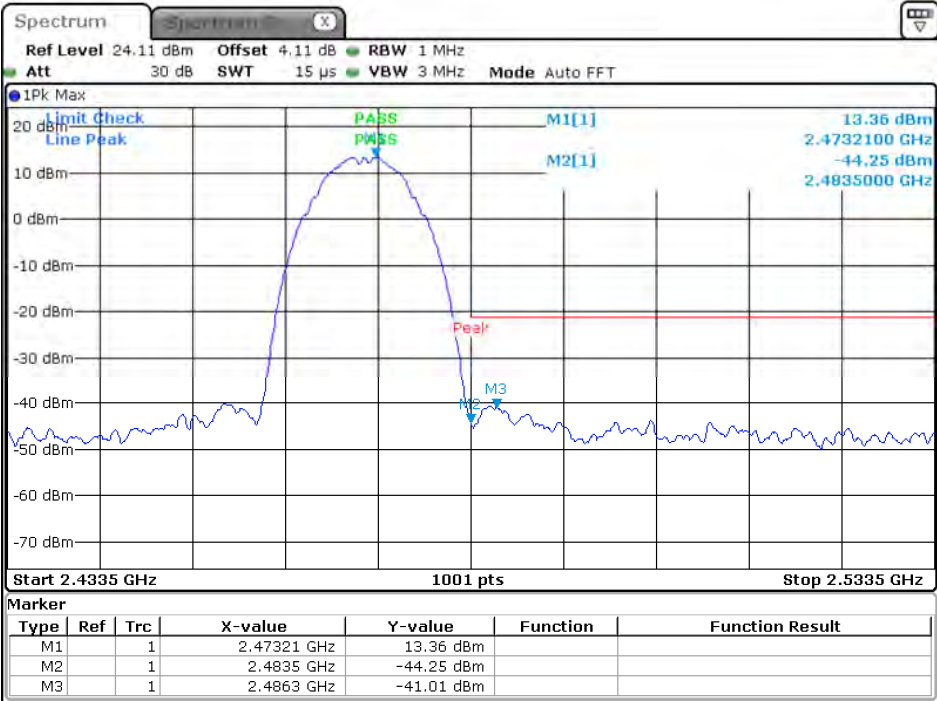
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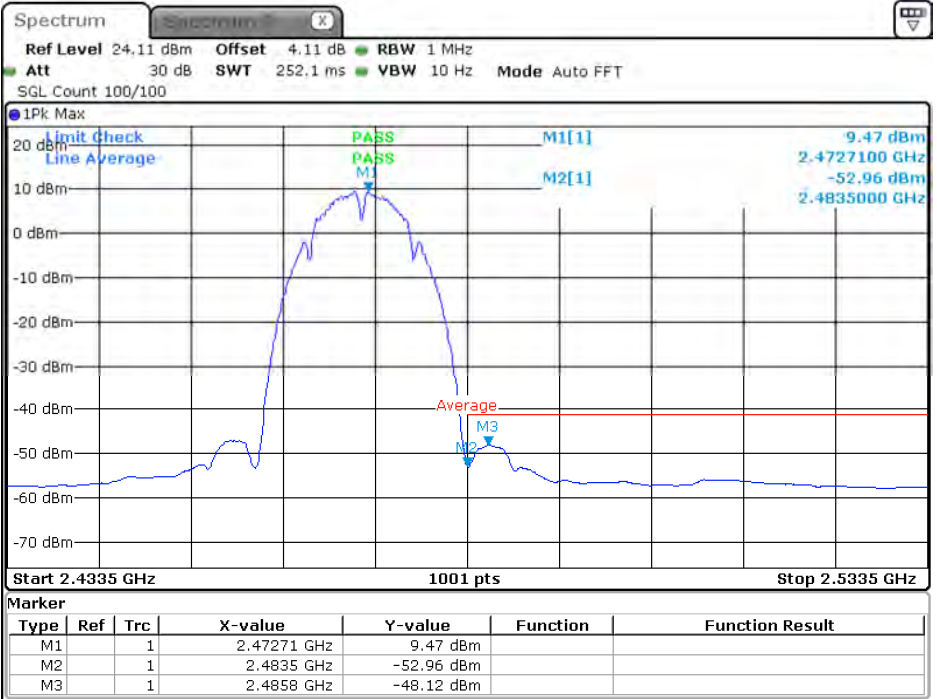
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2472MHz)

Peak



Date: 18.FEB.2022 15:00:48

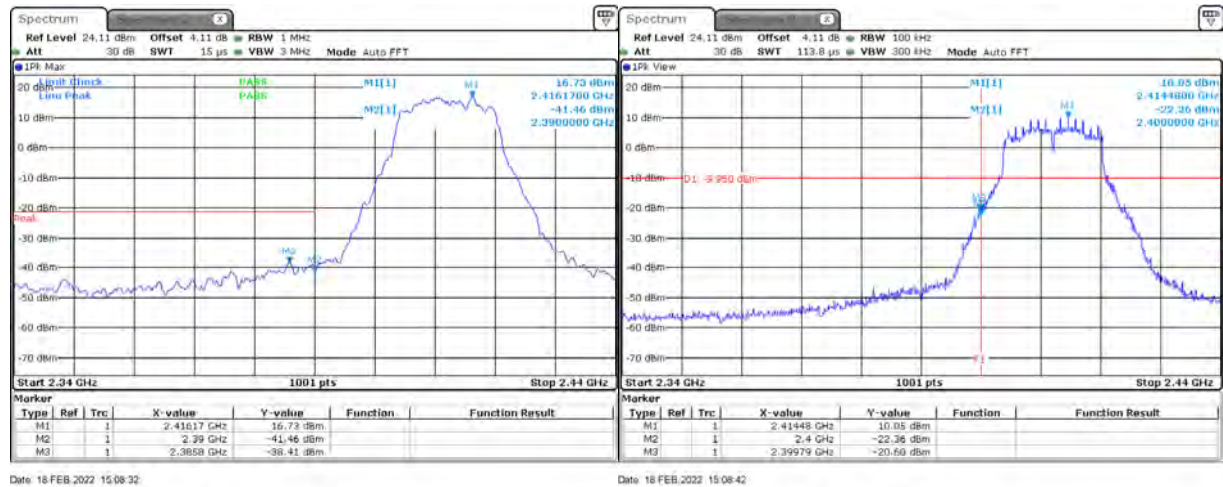
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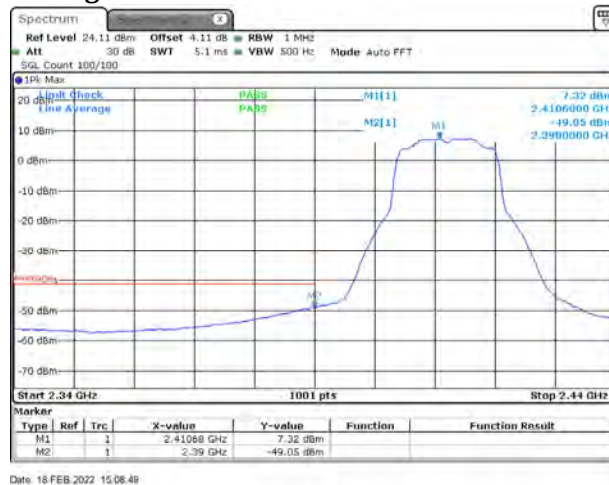
Date: 18.FEB.2022 15:02:11

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g 6Mbps) (2412MHz)

Peak

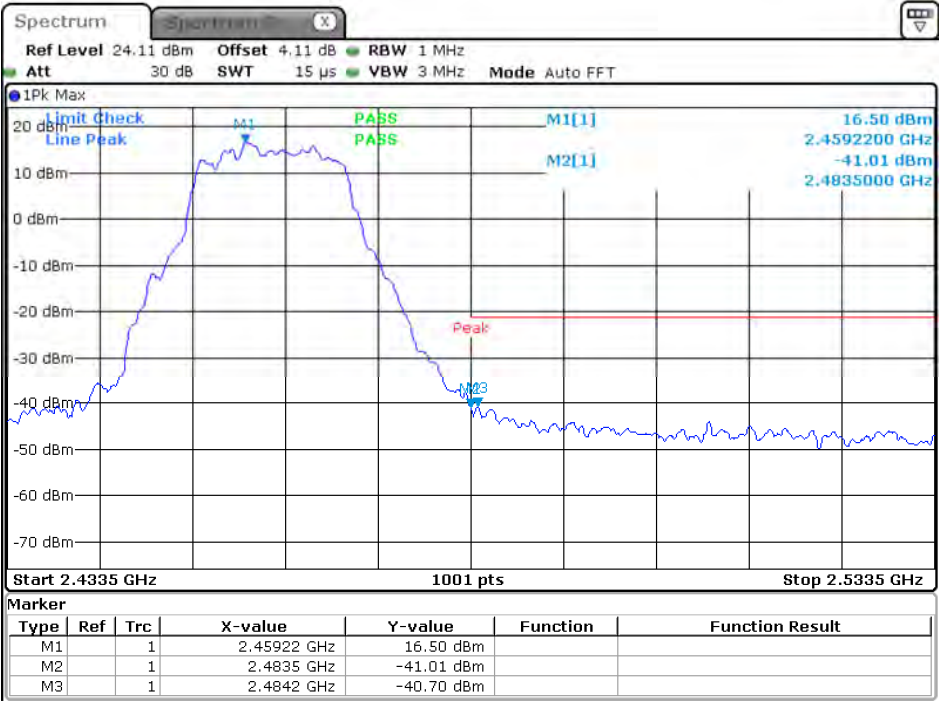


Average



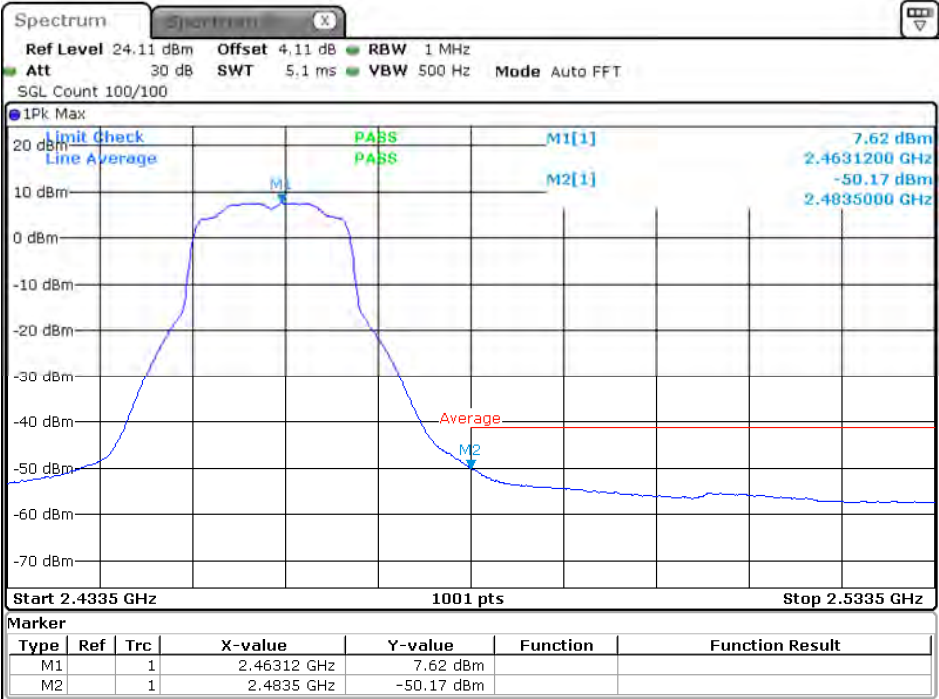
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g 6Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 15:09:40

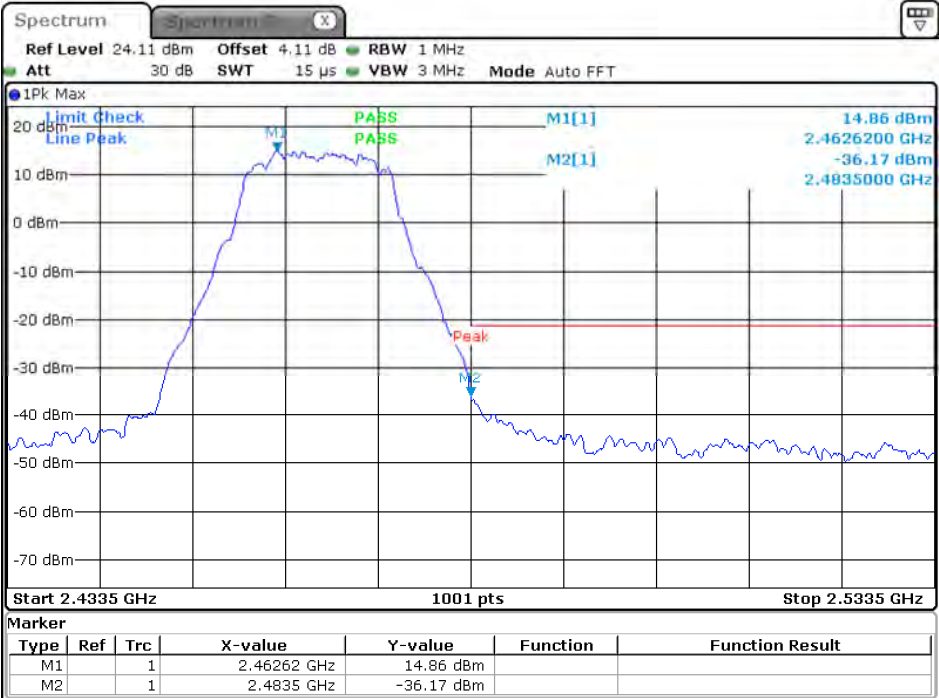
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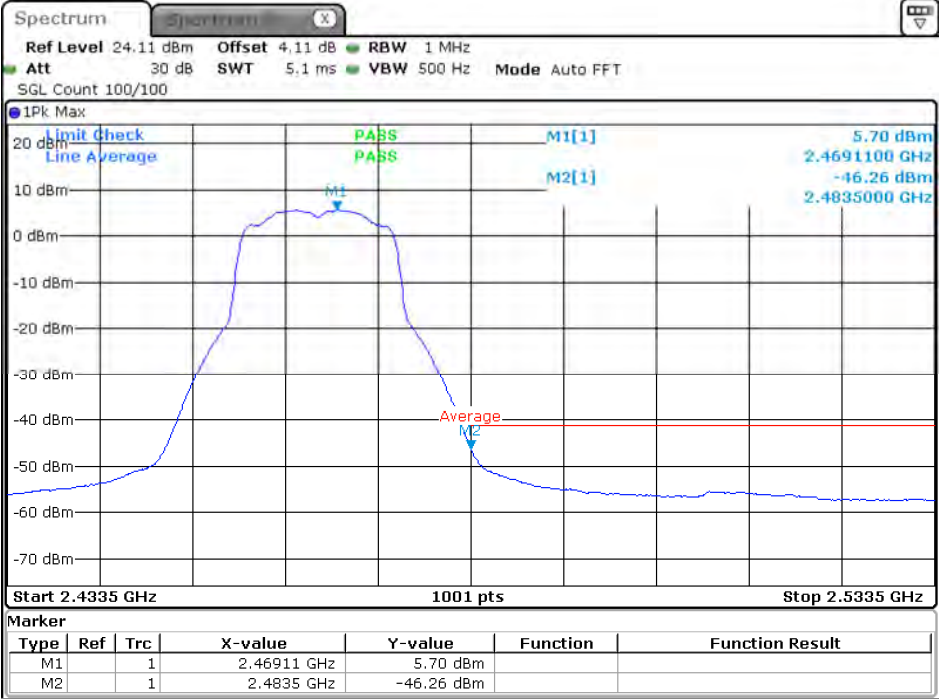
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g 6Mbps) (2467MHz)

Peak



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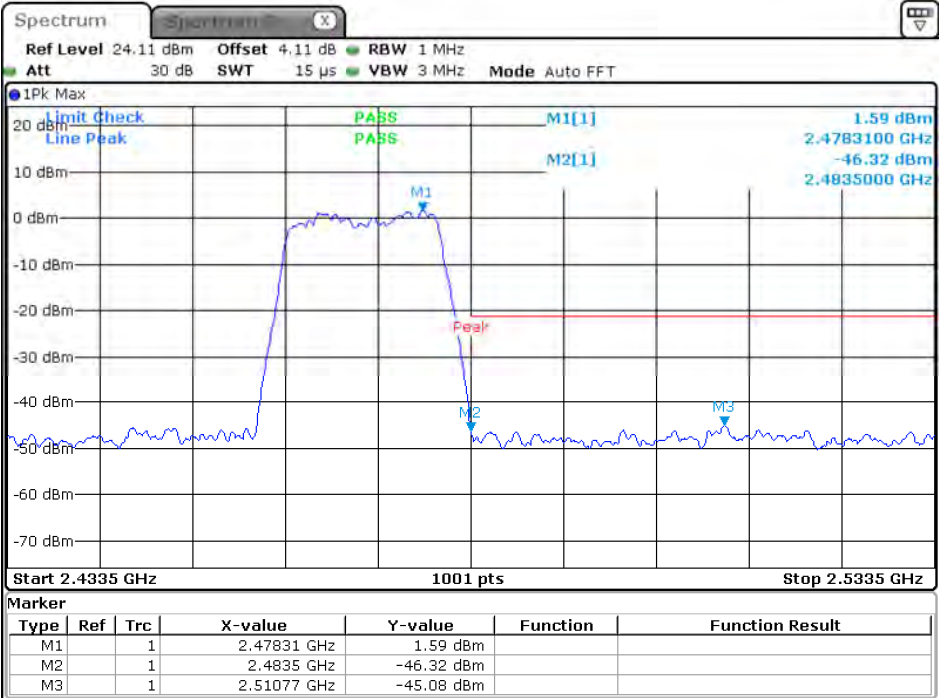
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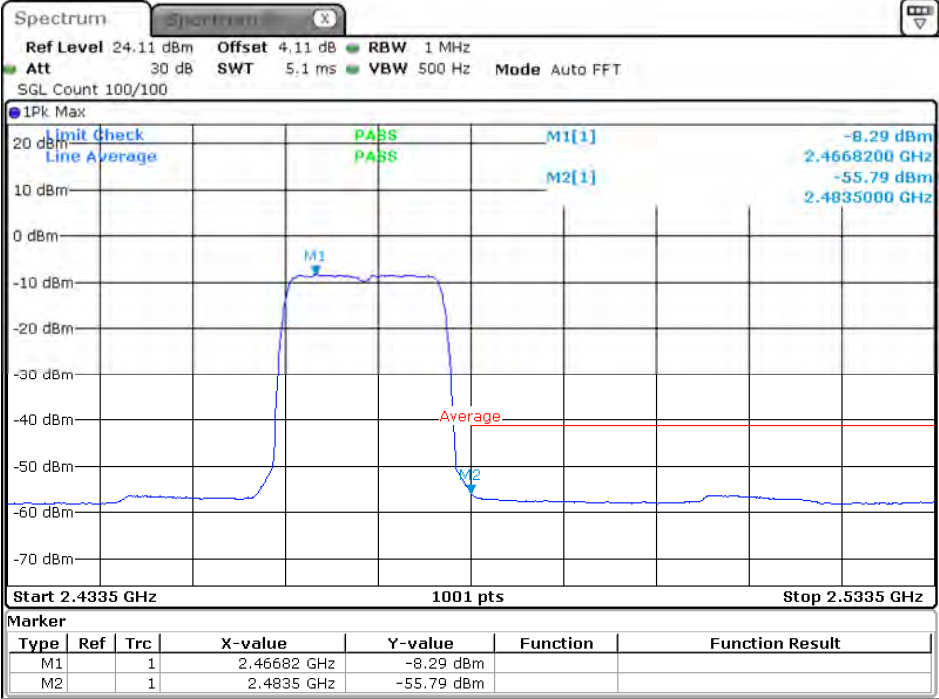
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 2 SISO A: Transmit (802.11g 6Mbps) (2472MHz)

Peak



Date: 18.FEB.2022 15:11:30

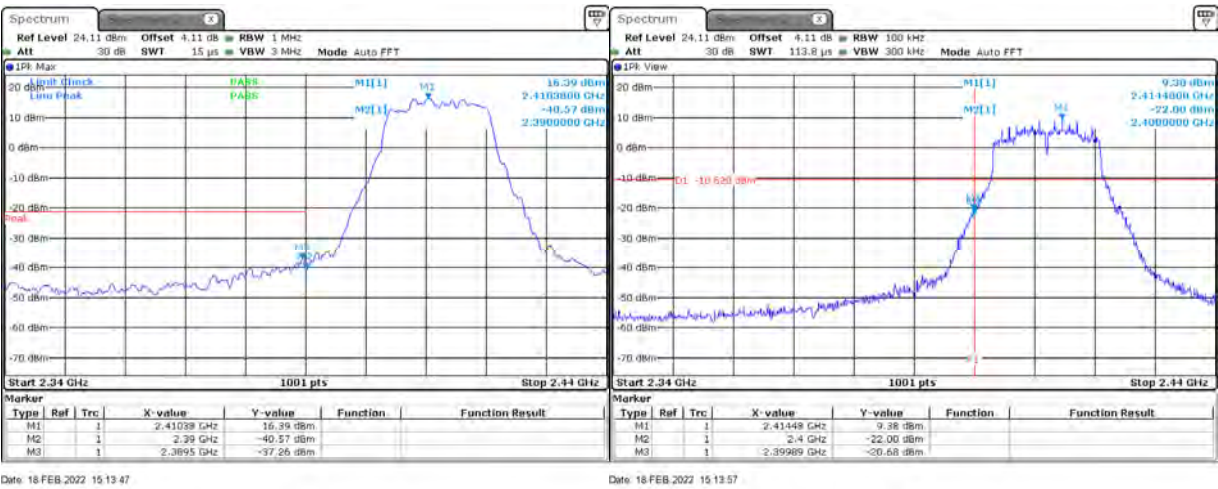
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Date: 18.FEB.2022 15:11:37

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW 7.2Mbps) (2412MHz)

Peak

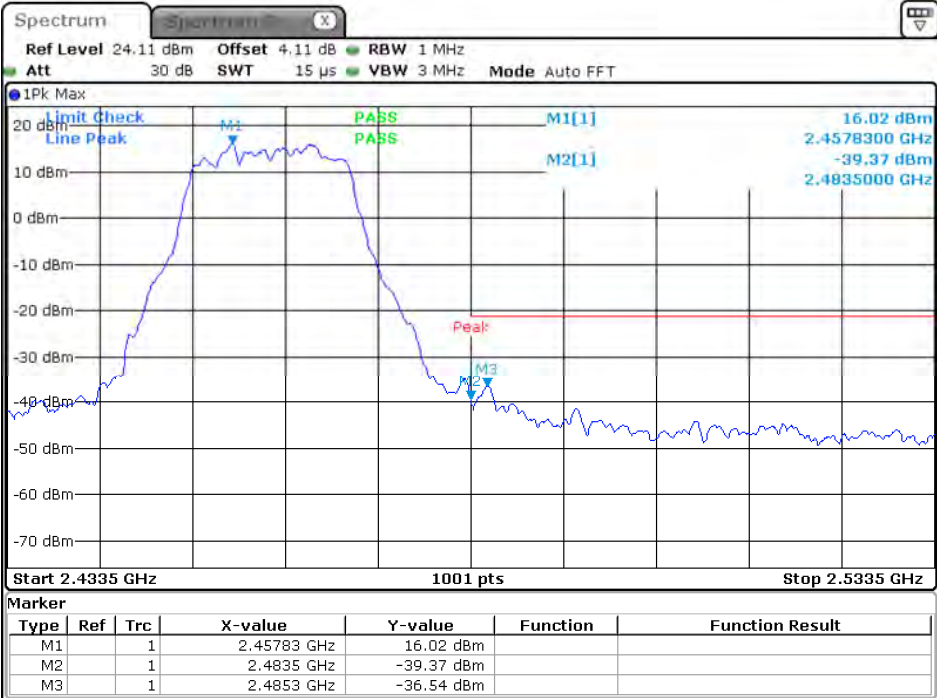


Average



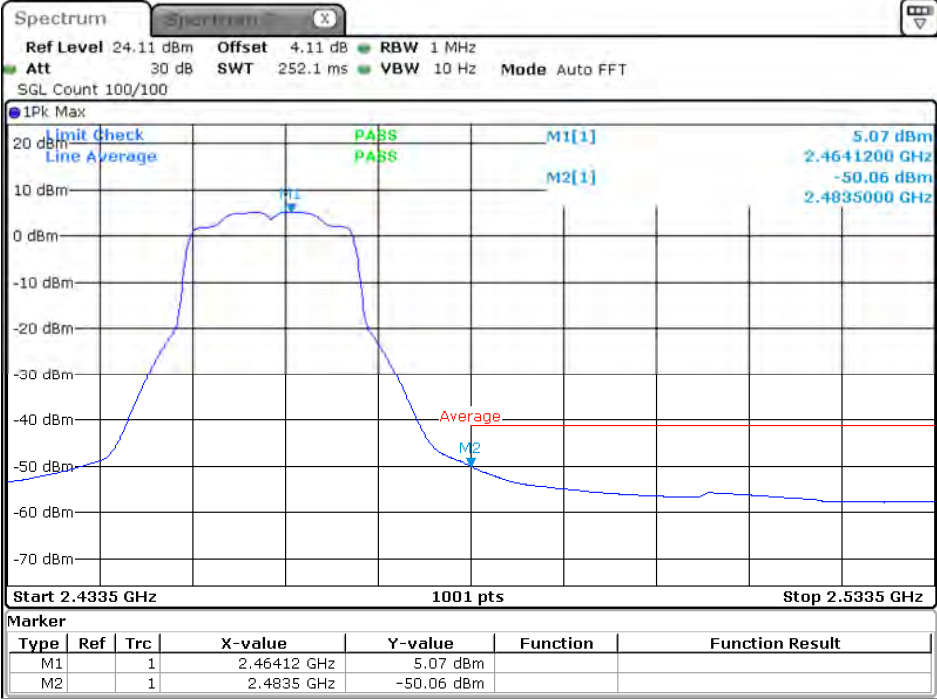
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW 7.2Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 15:16:22

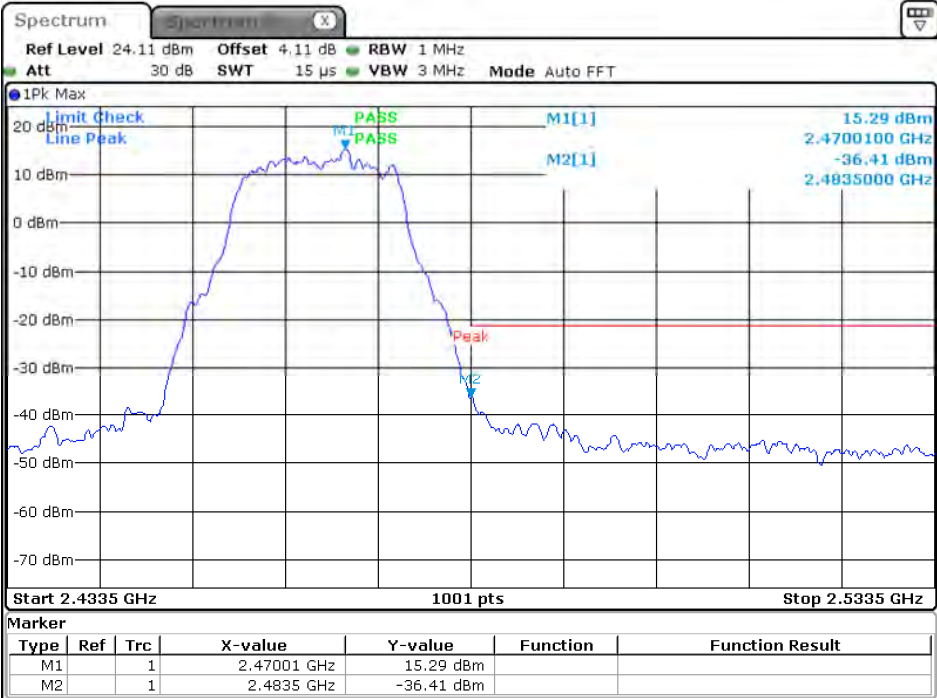
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Date: 18.FEB.2022 15:17:45

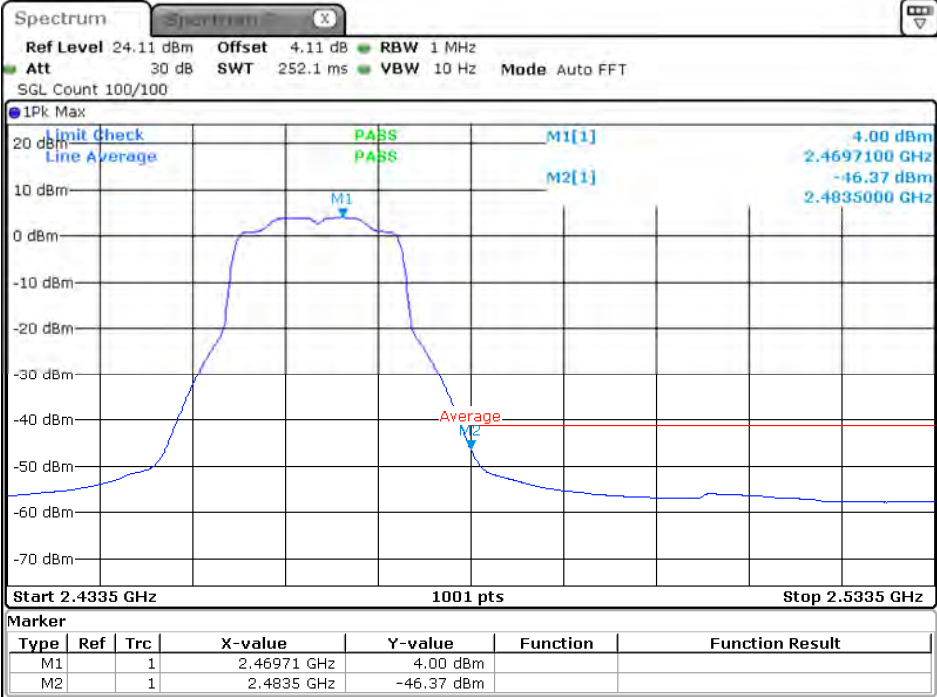
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW 7.2Mbps) (2467MHz)

Peak



Date: 18.FEB.2022 15:18:33

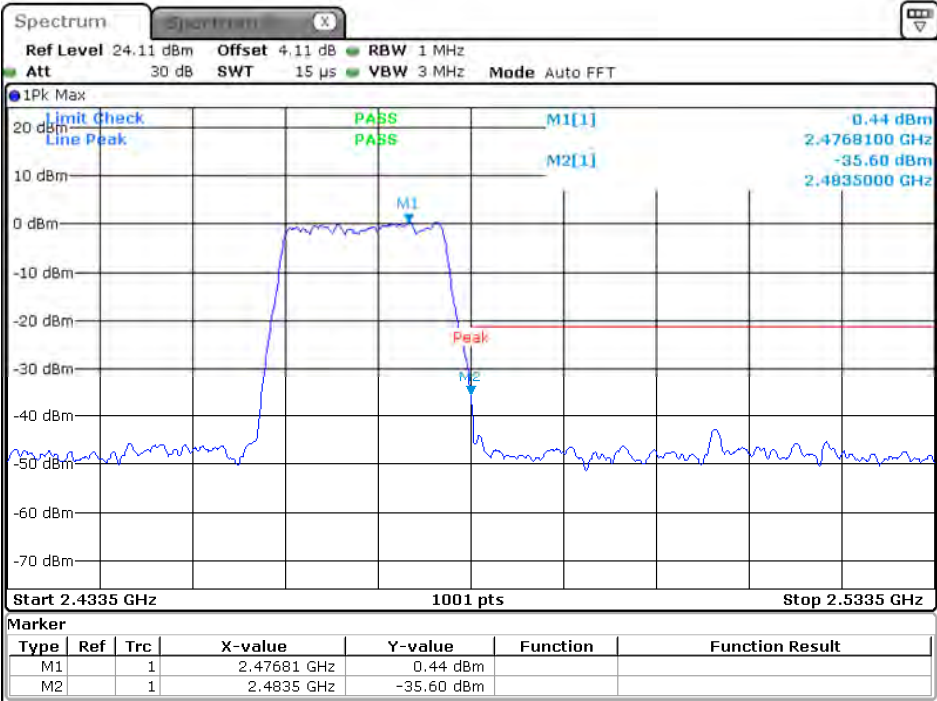
Average



Date: 18.FEB.2022 15:19:57

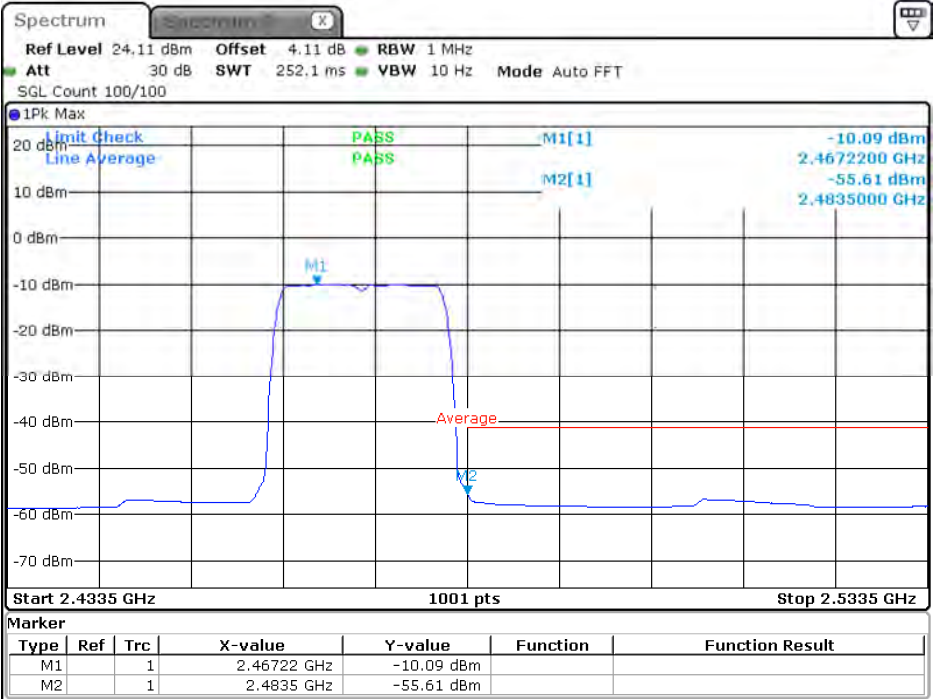
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 3 SISO A: Transmit (802.11n-20BW 7.2Mbps) (2472MHz)

Peak



Date: 18.FEB.2022 15:20:43

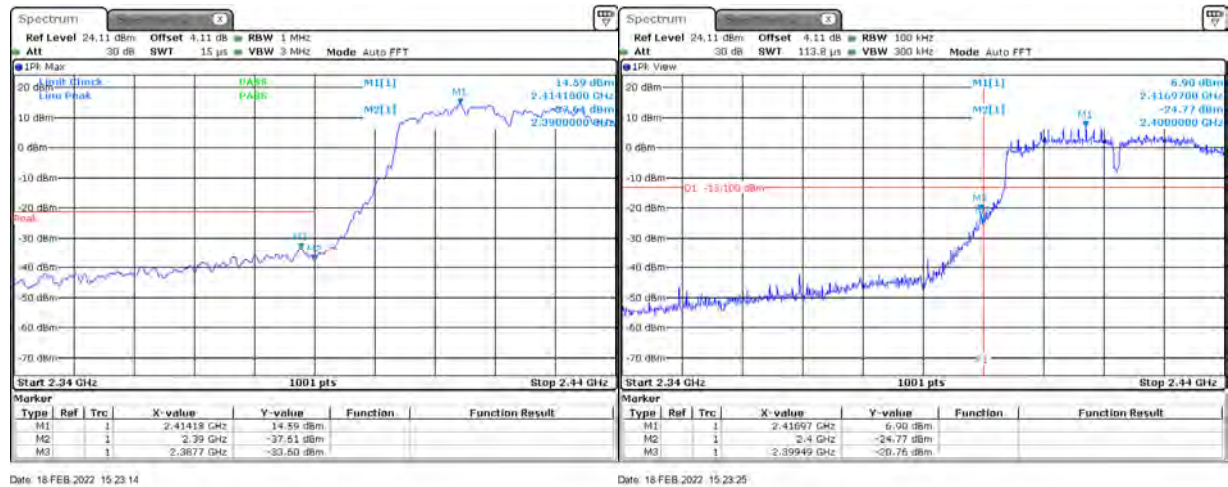
Average



Date: 18.FEB.2022 15:22:06

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW 15Mbps) (2422MHz)

Peak

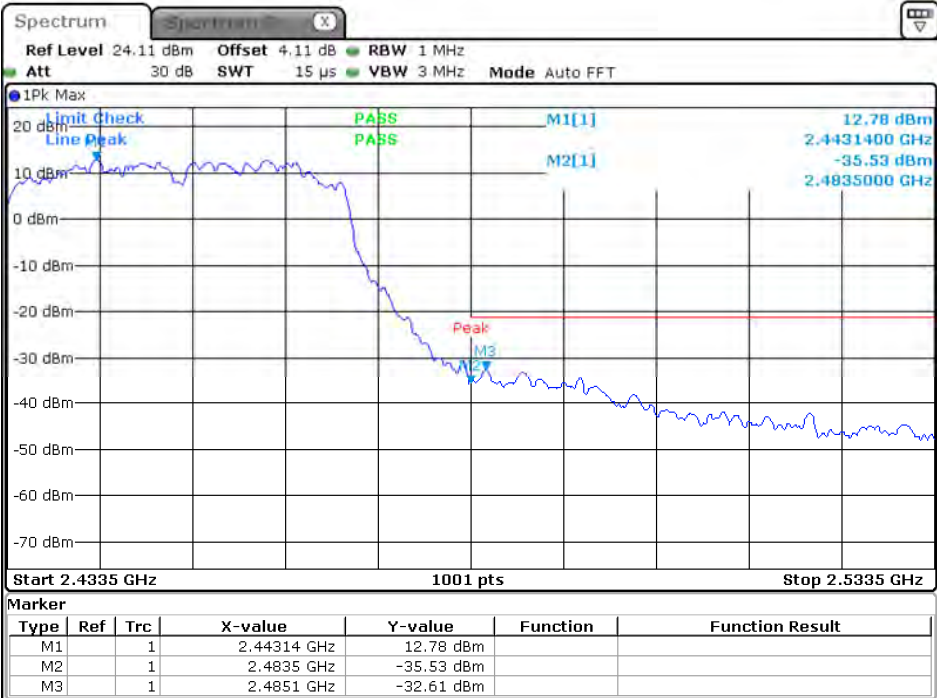


Average



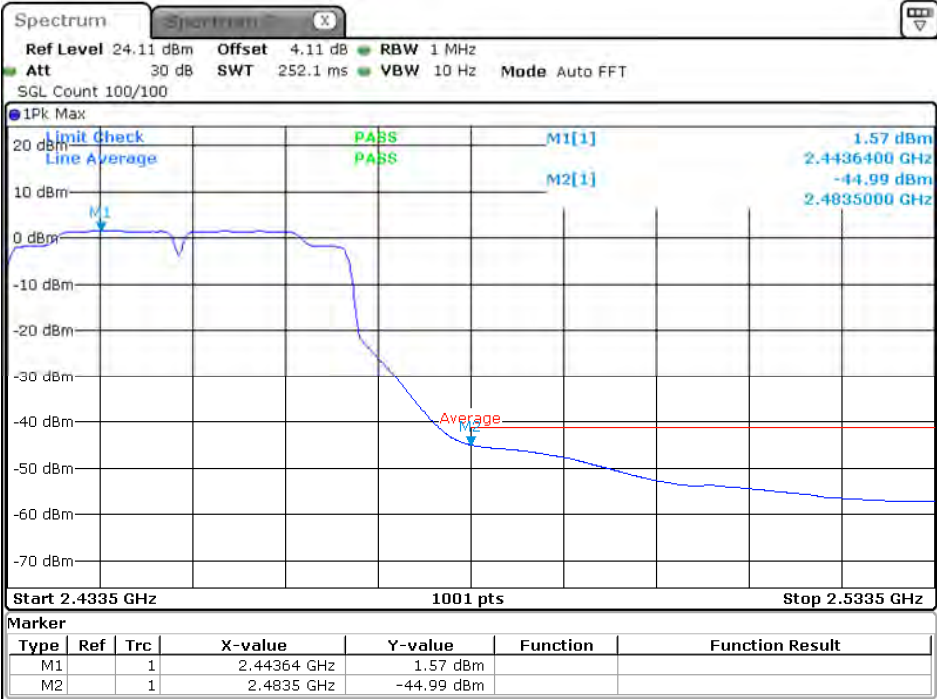
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW 15Mbps) (2452MHz)

Peak



Date: 18.FEB.2022 15:25:33

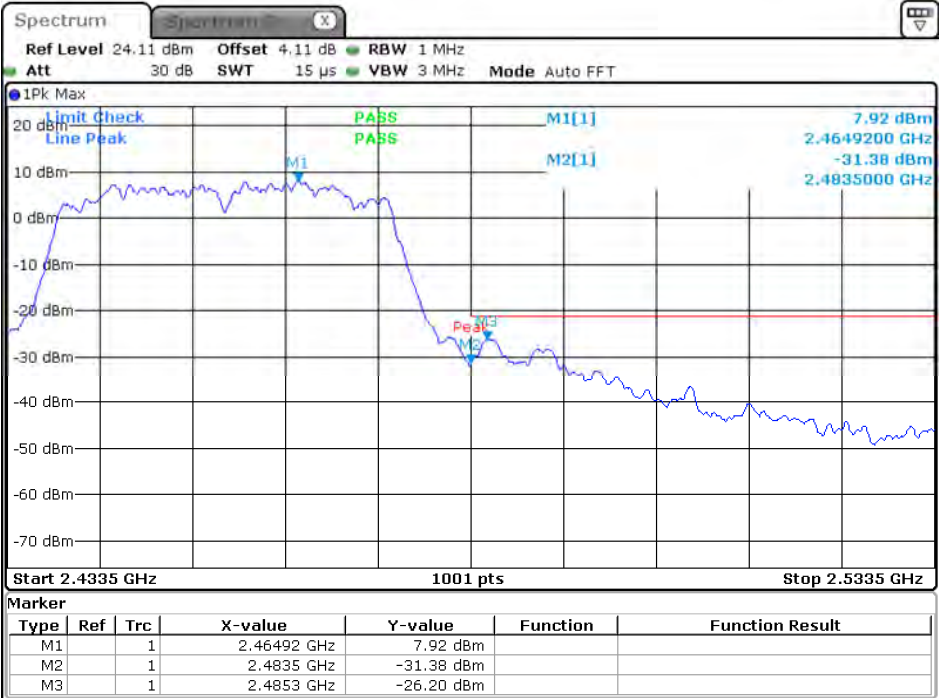
Average



Date: 18.FEB.2022 15:26:56

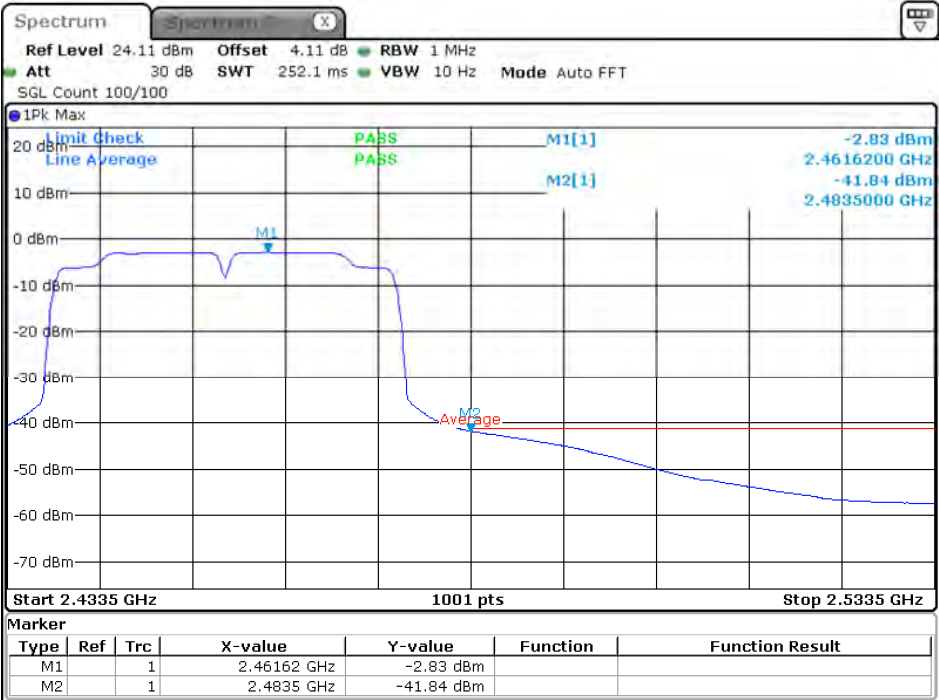
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW 15Mbps) (2457MHz)

Peak



Date: 18.FEB.2022 15:32:18

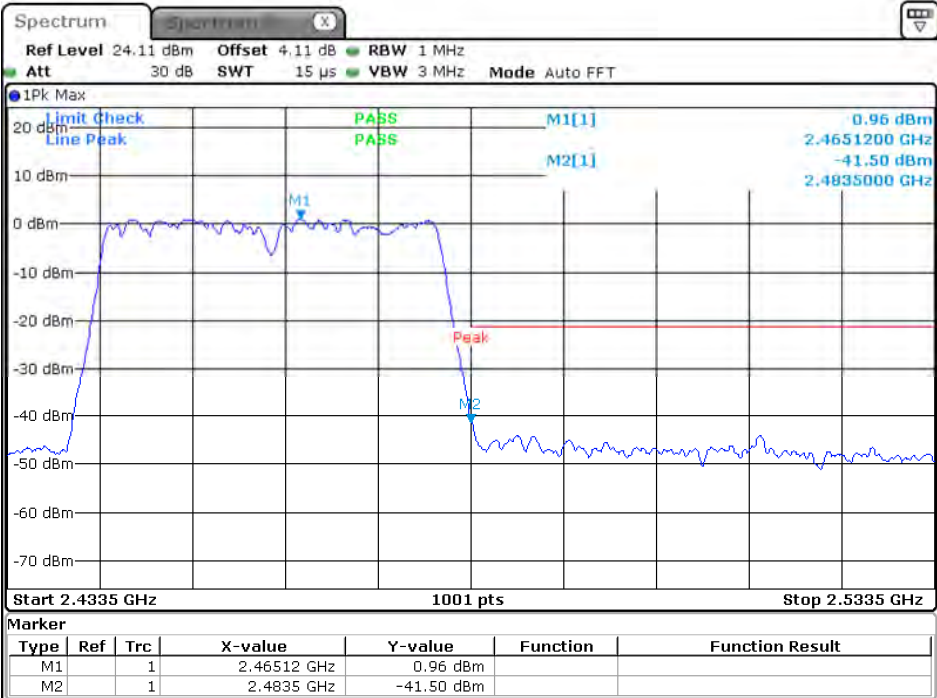
Average



Date: 18.FEB.2022 15:33:41

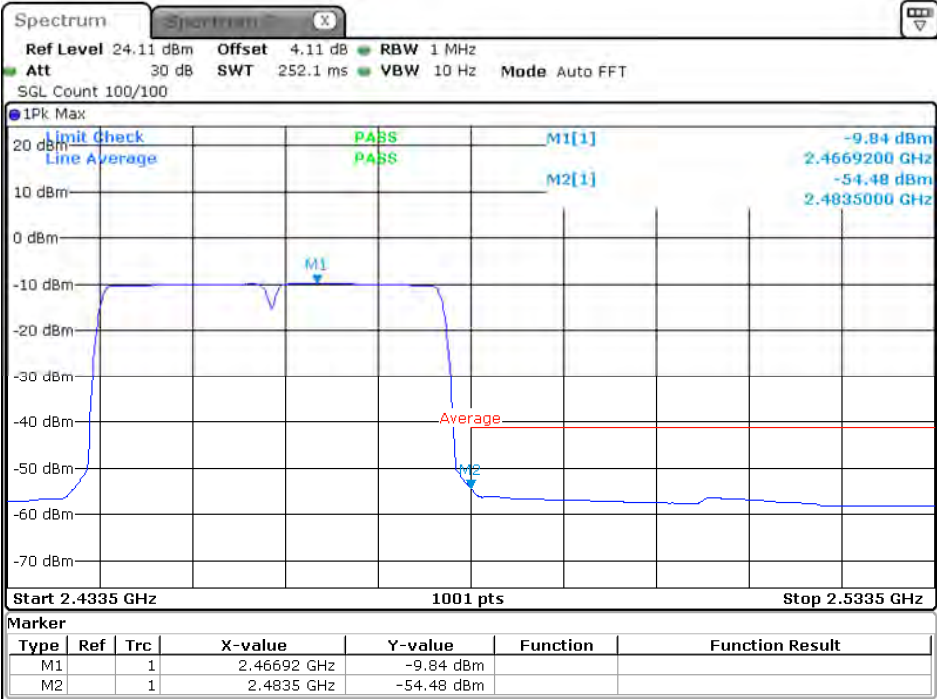
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 4 SISO A: Transmit (802.11n-40BW 15Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 15:34:41

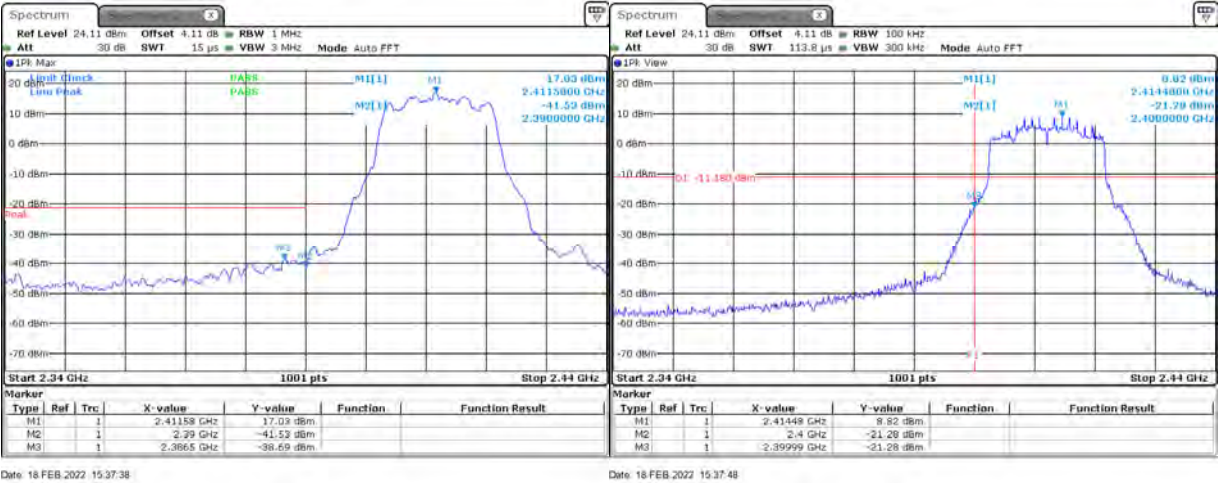
Average



Date: 18.FEB.2022 15:36:04

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW 8.6Mbps) (2412MHz)

Peak

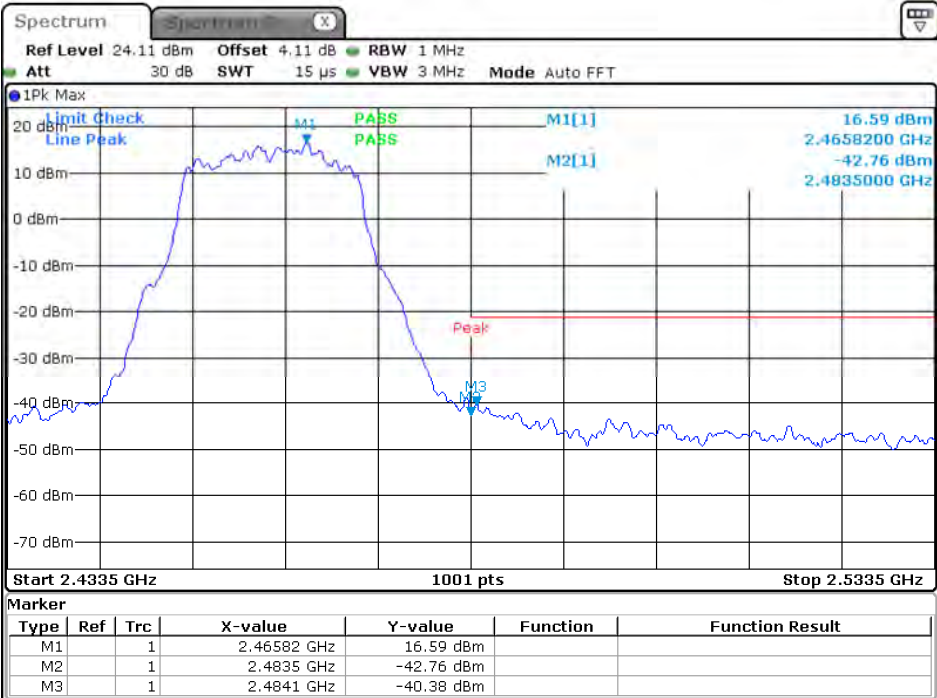


Average



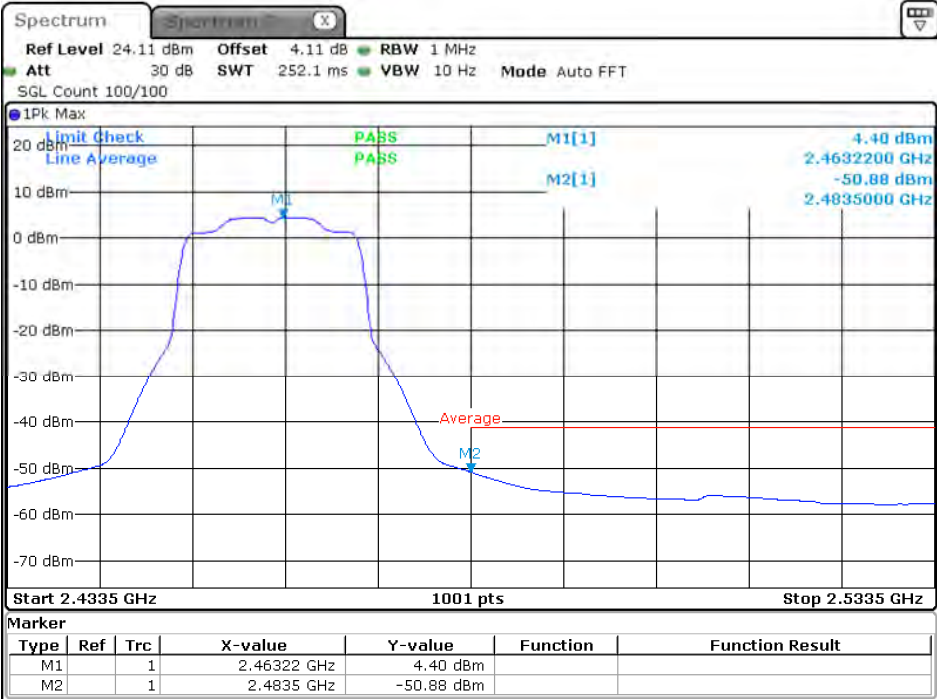
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW 8.6Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 15:40:27

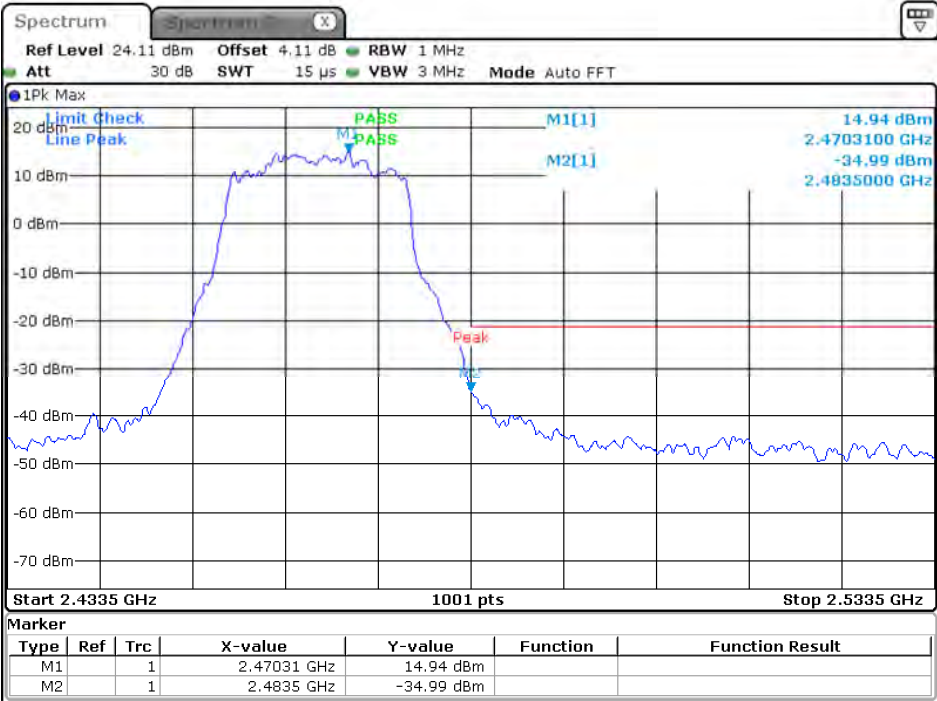
Average



Date: 18.FEB.2022 15:41:50

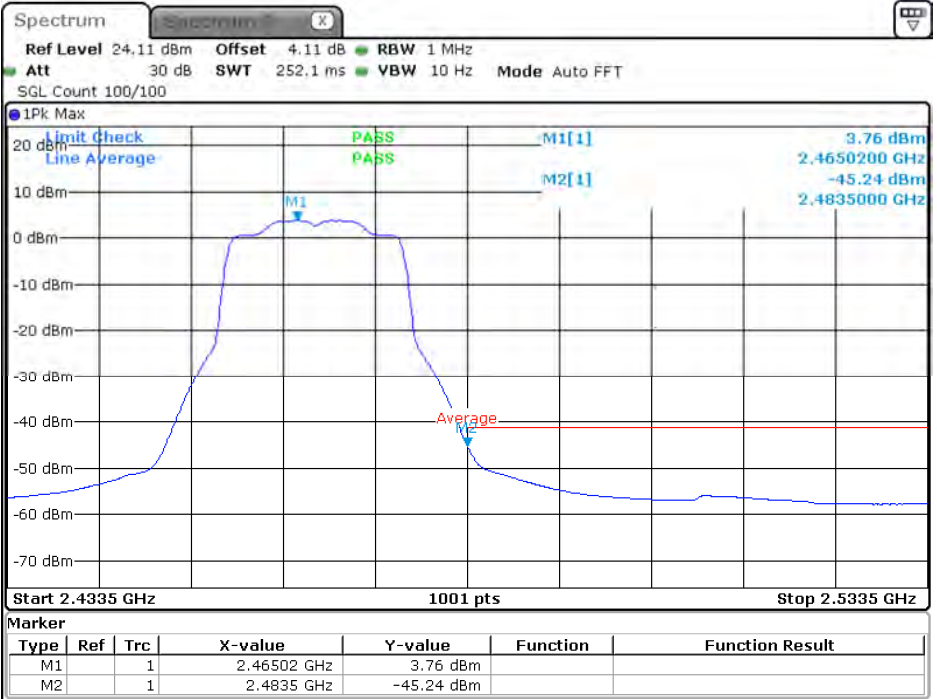
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW 8.6Mbps) (2467MHz)

Peak



Date: 18.FEB.2022 15:42:17

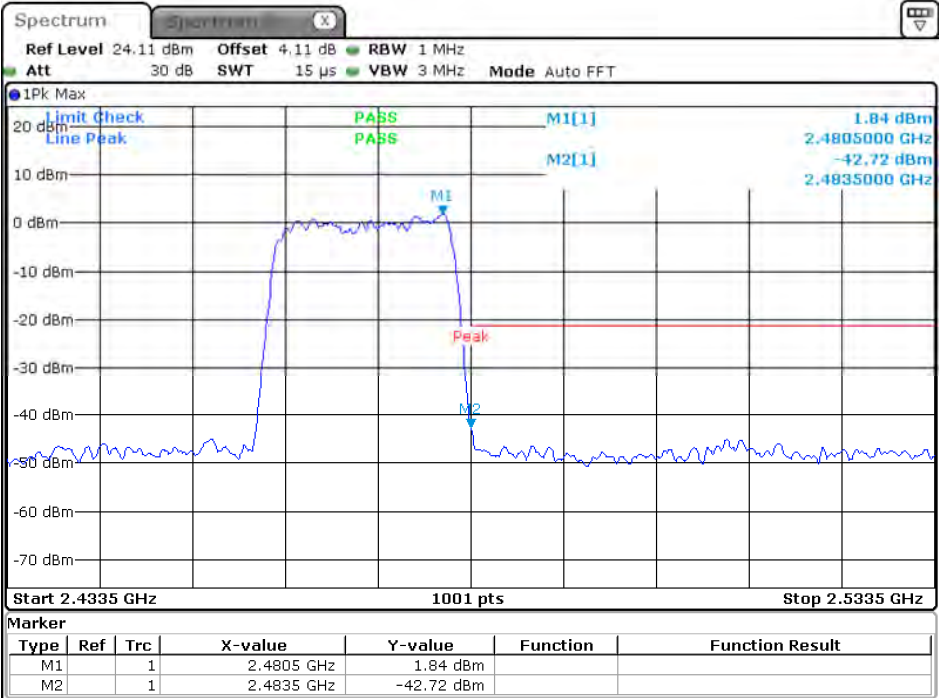
Average



Date: 18.FEB.2022 15:43:40

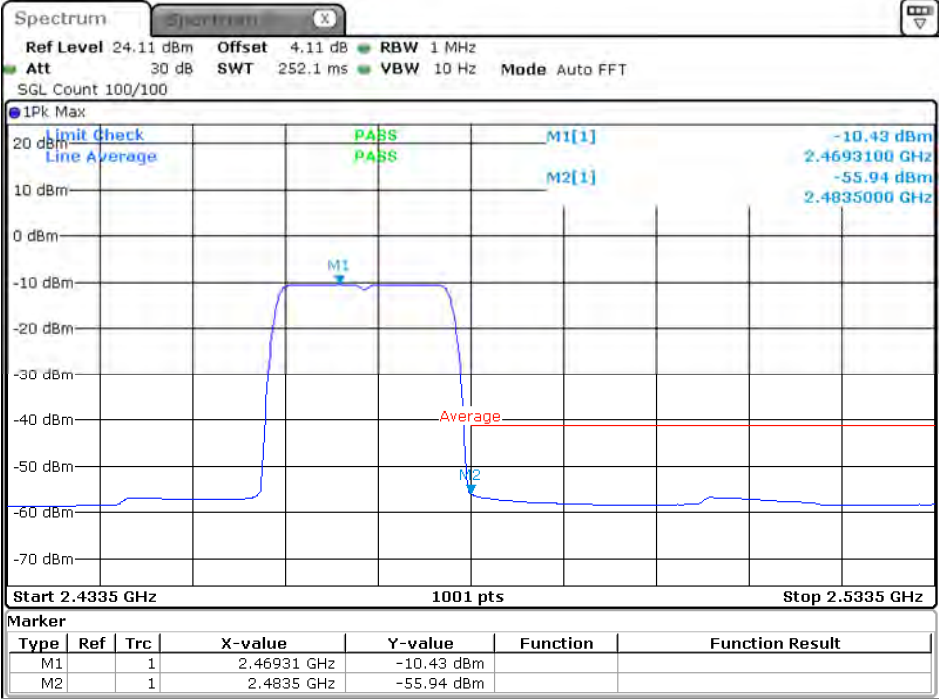
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 5 SISO A: Transmit (802.11ax-20BW 8.6Mbps) (2472MHz)

Peak



Date: 18.FEB.2022 15:44:12

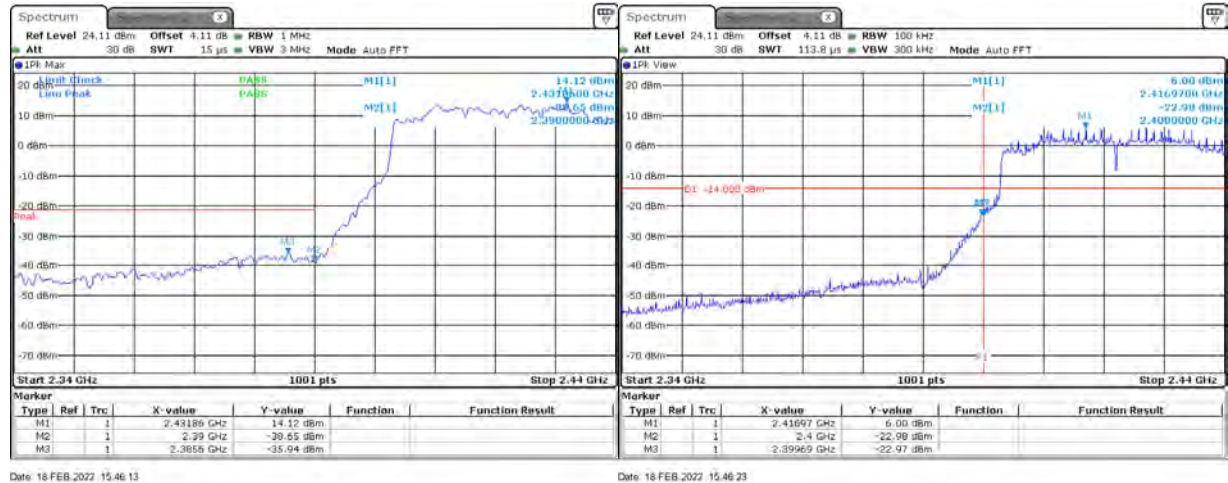
Average



Date: 18.FEB.2022 15:45:35

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW 17.2Mbps) (2422MHz)

Peak

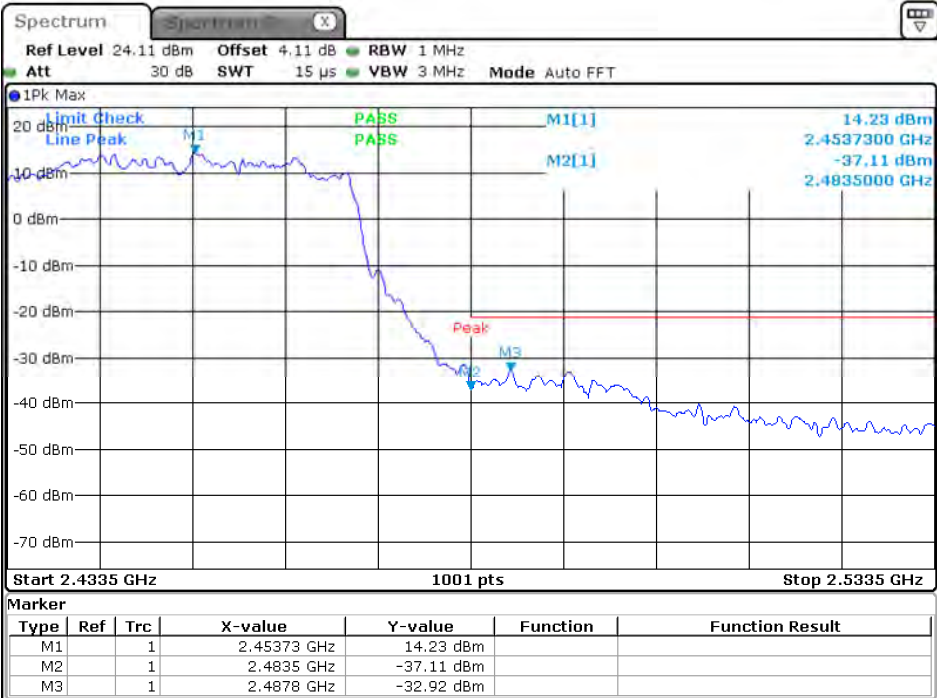


Average



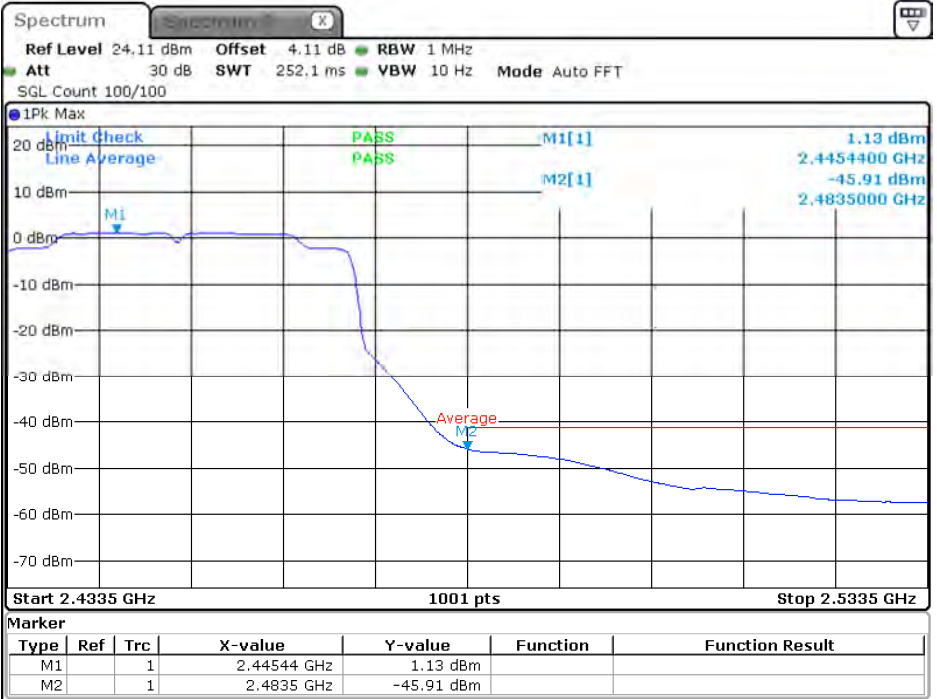
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW 17.2Mbps) (2452MHz)

Peak



Date: 18.FEB.2022 15:48:35

Average



Date: 18.FEB.2022 15:49:58

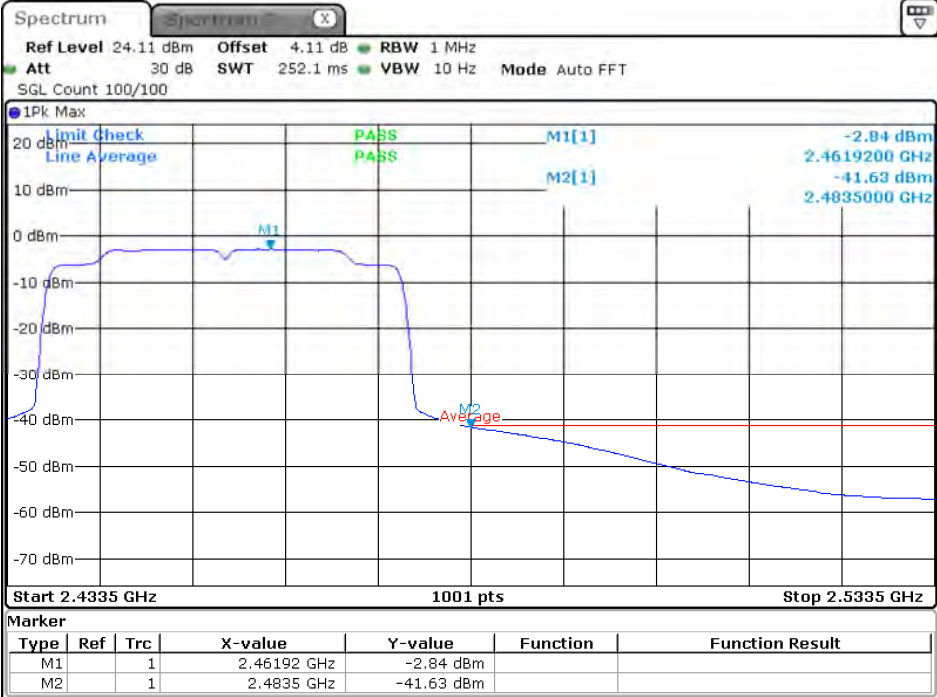
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW 17.2Mbps) (2457MHz)

Peak



Date: 18.FEB.2022 15:51:50

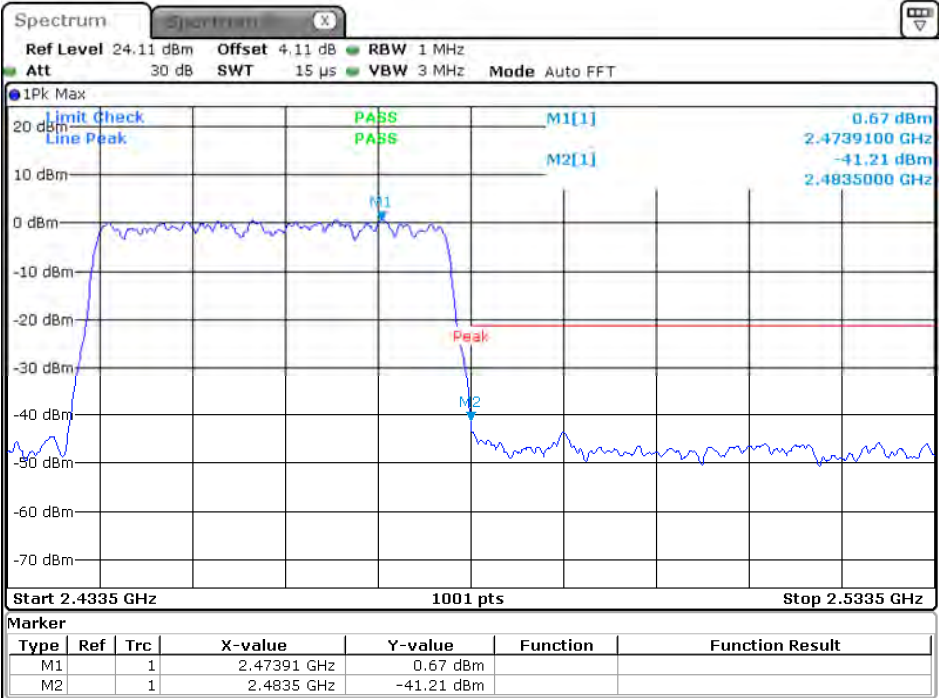
Average



Date: 18.FEB.2022 15:53:14

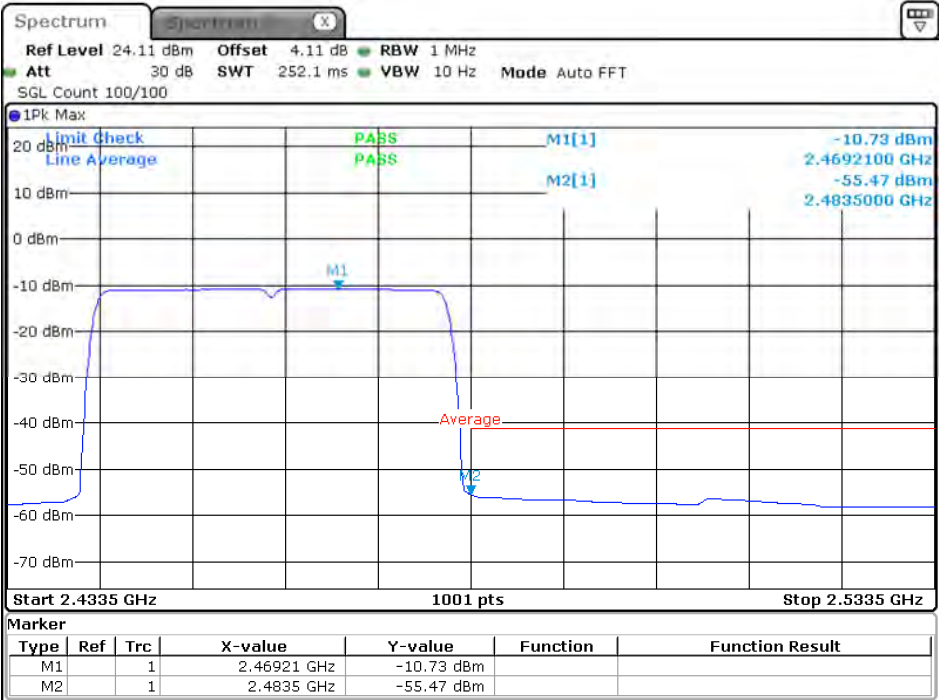
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 6 SISO A: Transmit (802.11ax-40BW 17.2Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 15:53:52

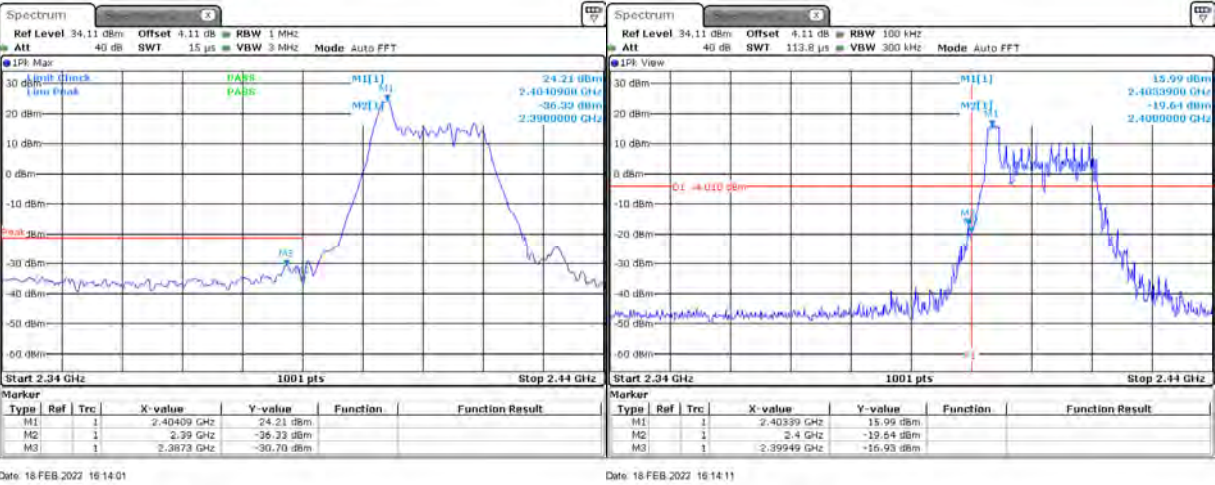
Average



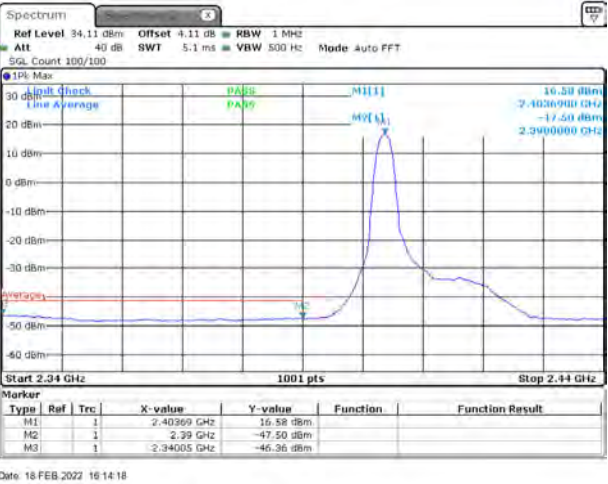
Date: 18.FEB.2022 15:55:15

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 7 SISO A: Transmit (802.11ax-20BW Partial RU) (2412MHz)

Peak (Partial RU: 26/0)



Average (Partial RU: 26/0)

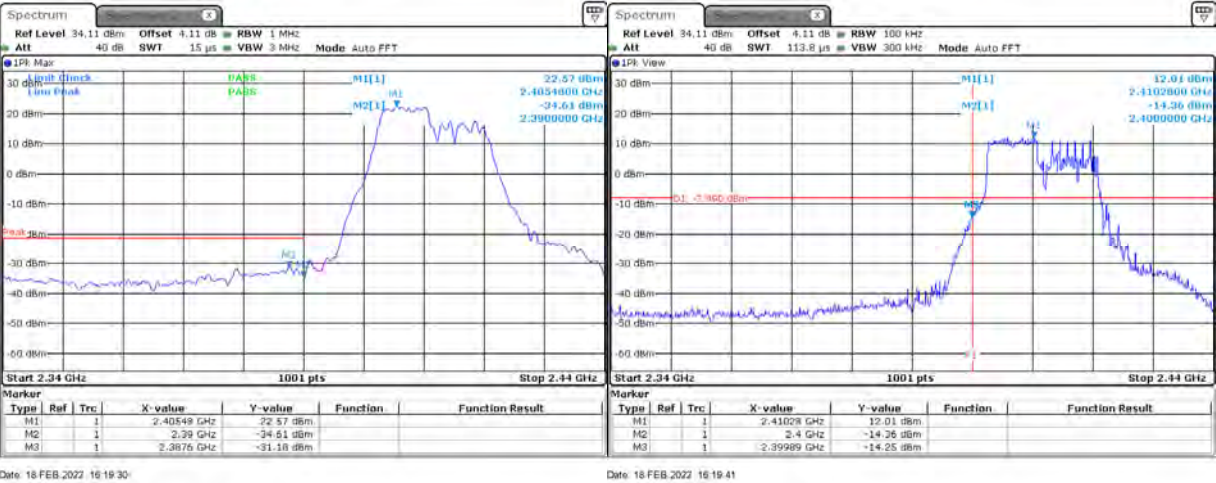


Peak (Partial RU: 52/37)

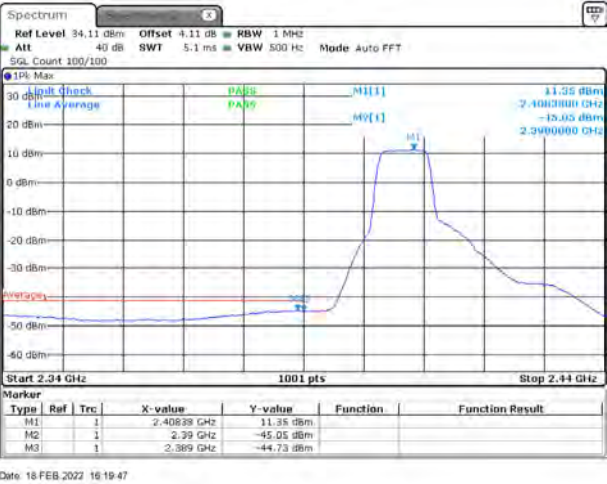


Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 7 SISO A: Transmit (802.11ax-20BW Partial RU) (2412MHz)

Peak (Partial RU: 106/53)

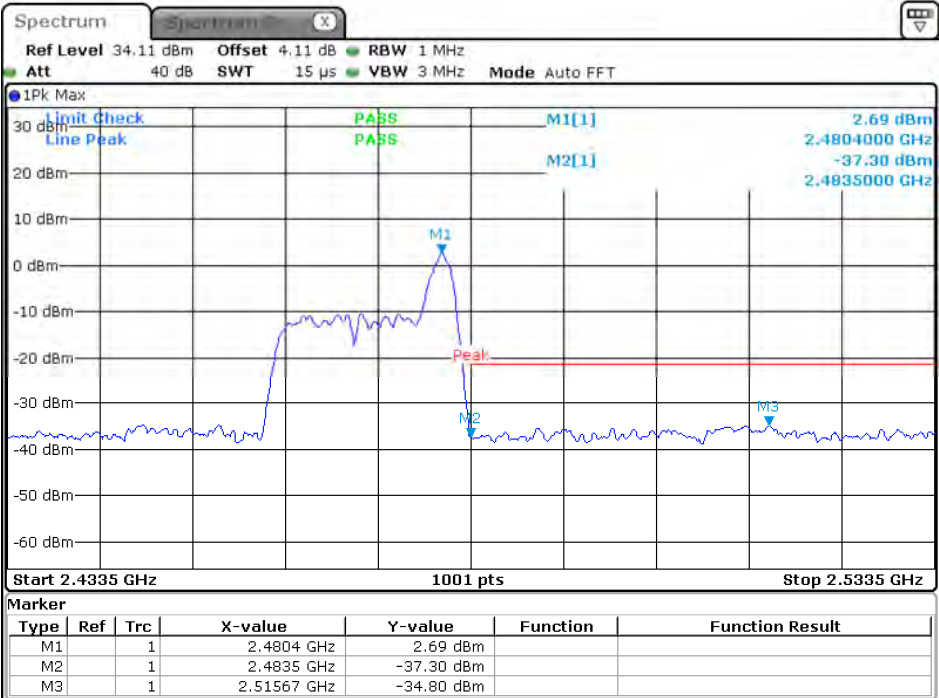


Average (Partial RU: 106/53)



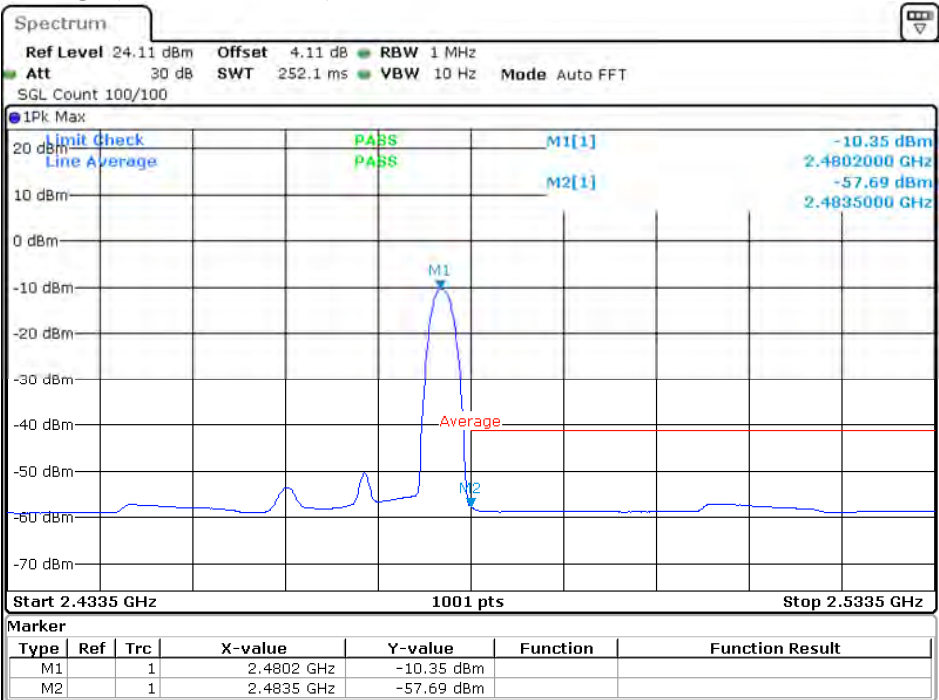
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 7 SISO A: Transmit (802.11ax-20BW Partial RU) (2472MHz)

Peak (Partial RU: 26/8)



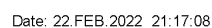
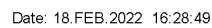
Date: 18.FEB.2022 16:23:55

Average (Partial RU: 26/8)



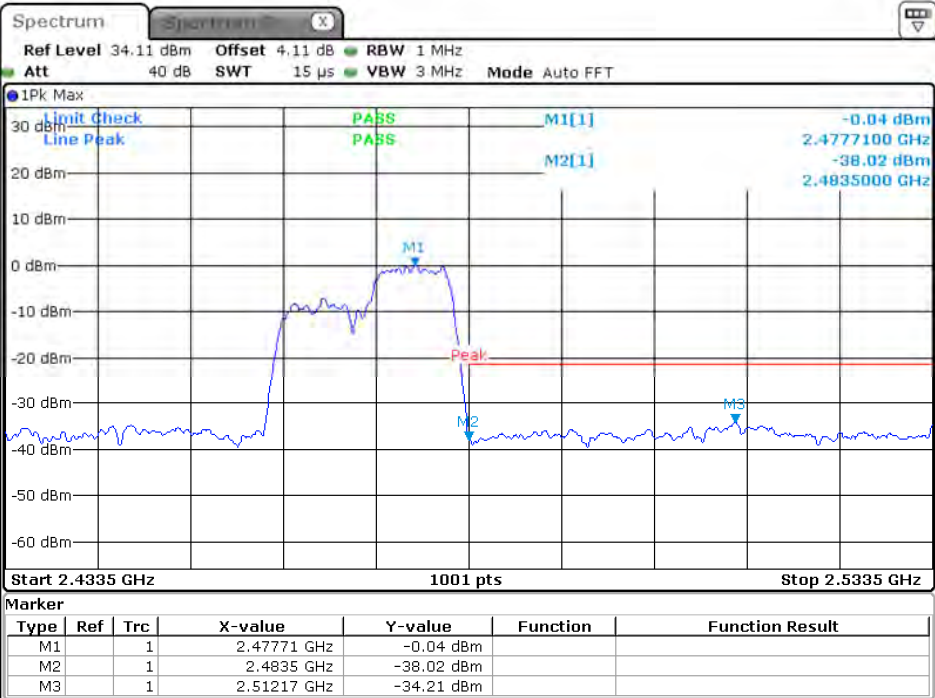
Date: 22.FEB.2022 21:11:47

Peak (Partial RU: 52/40)



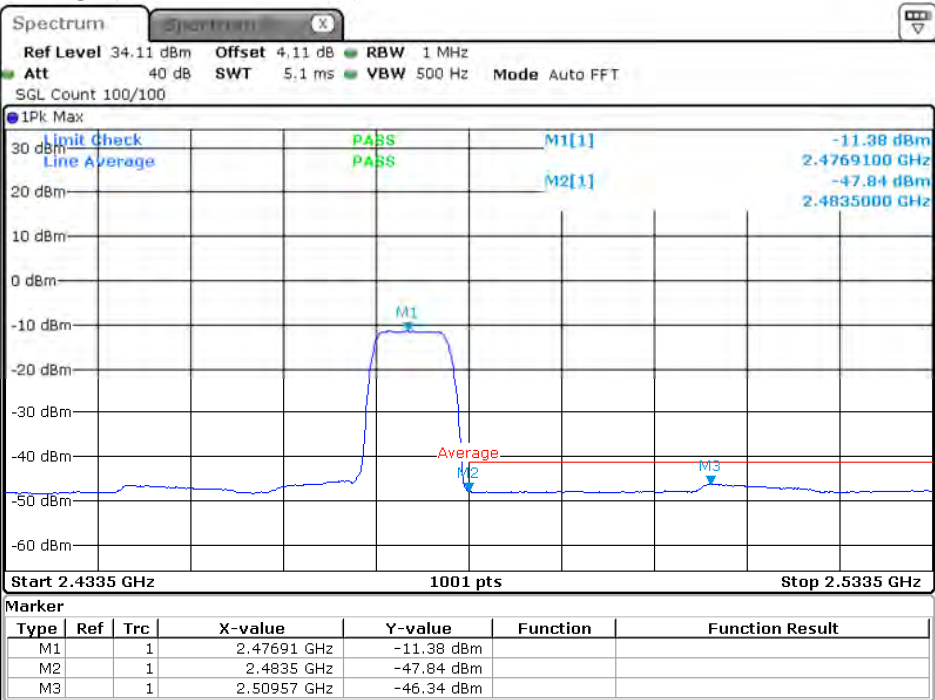
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 7 SISO A: Transmit (802.11ax-20BW Partial RU) (2472MHz)

Peak (Partial RU: 106/54)



Date: 18.FEB.2022 16:37:52

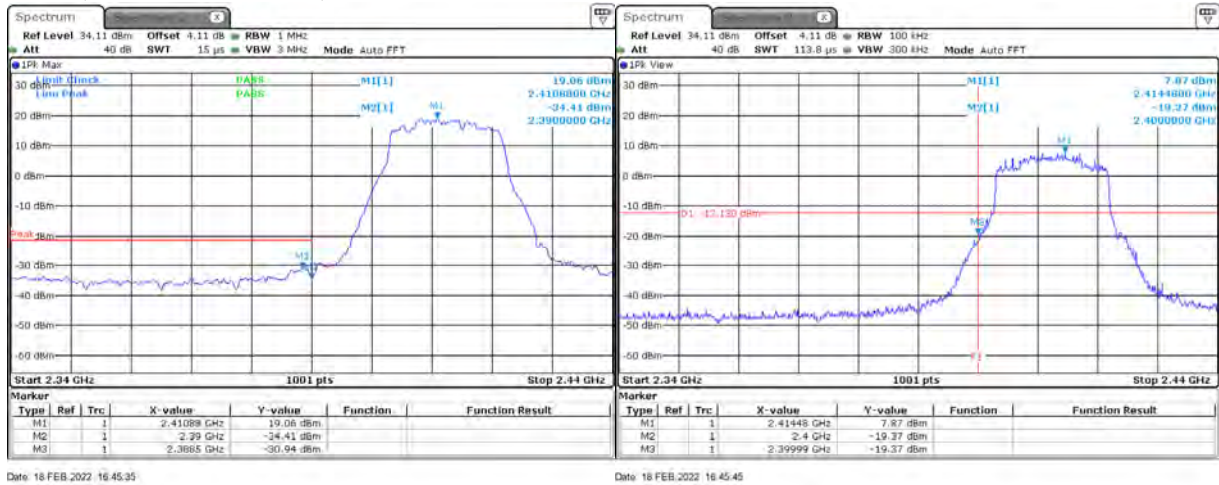
Average (Partial RU: 106/54)



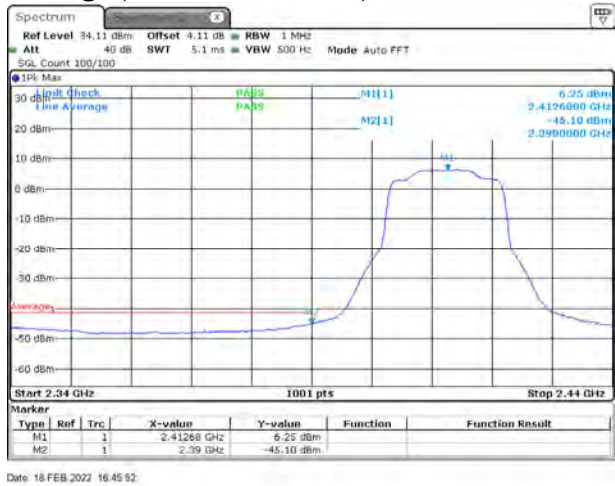
Date: 18.FEB.2022 16:37:59

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 8 SISO A: Transmit (802.11ax-40BW Partial RU) (2422MHz)

Peak (Partial RU: 242/61)

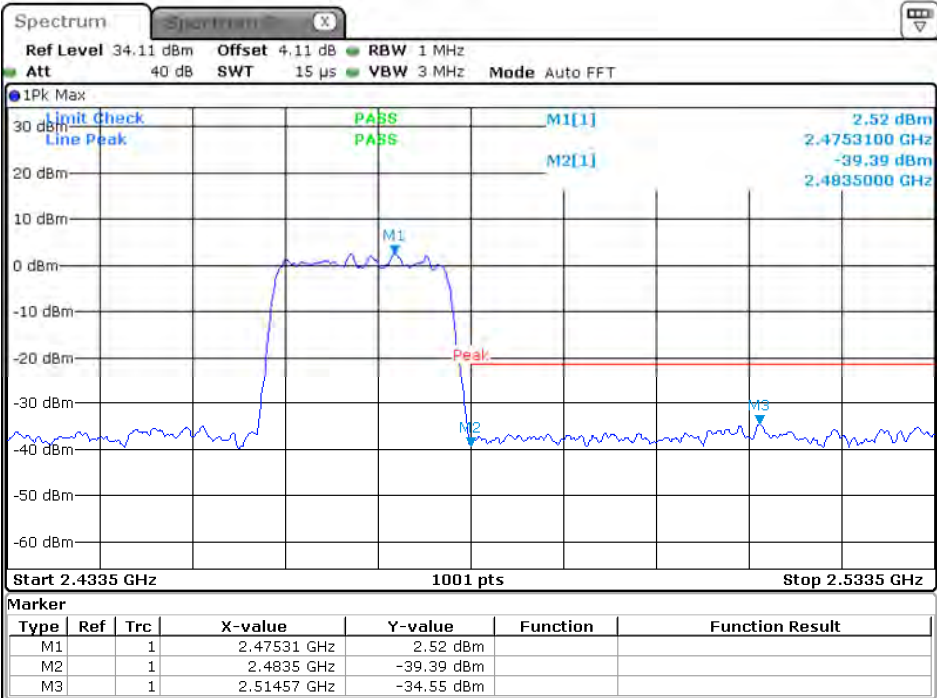


Average (Partial RU: 242/61)



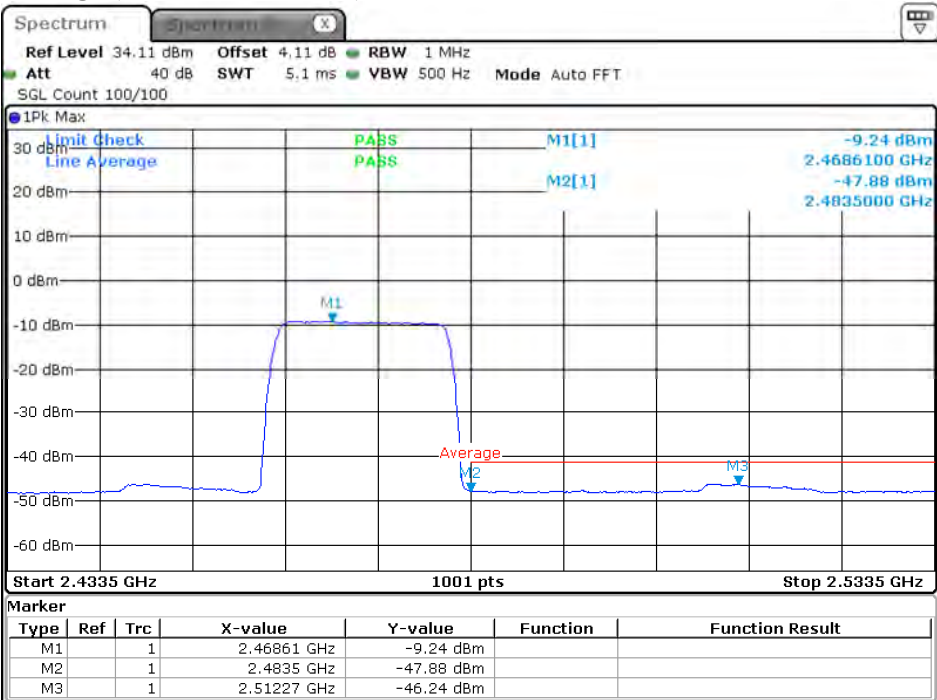
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 8 SISO A: Transmit (802.11ax-40BW Partial RU) (2462MHz)

Peak (Partial RU: 242/62)



Date: 18.FEB.2022 16:47:26

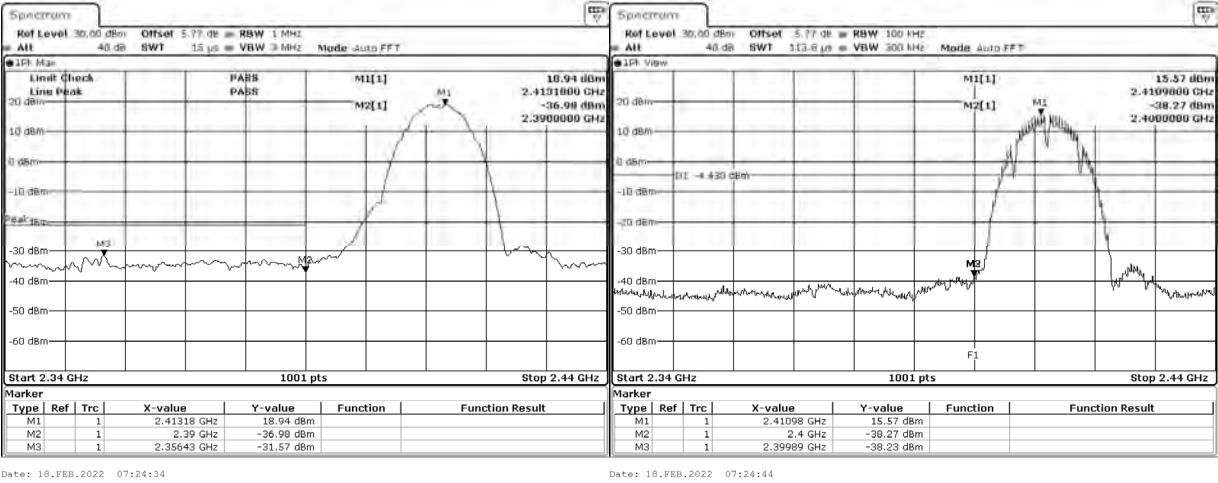
Average (Partial RU: 242/62)



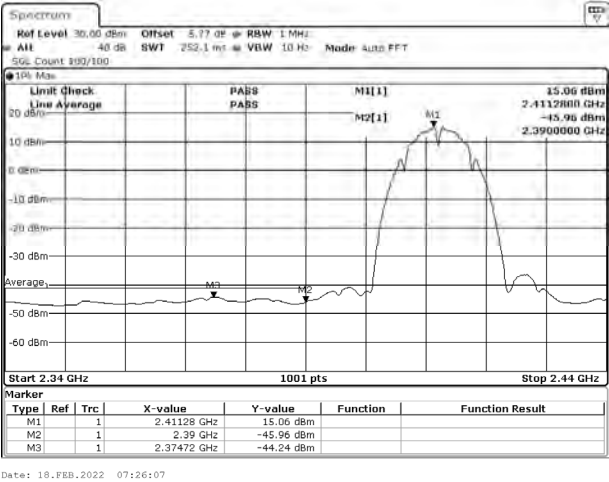
Date: 18.FEB.2022 16:47:33

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 9 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

Peak

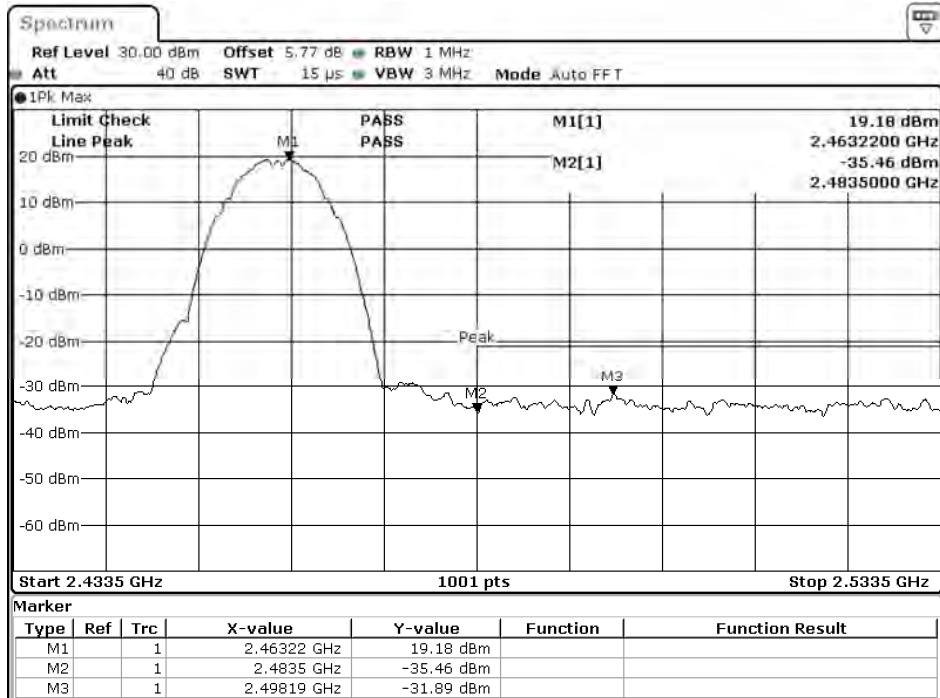


Average



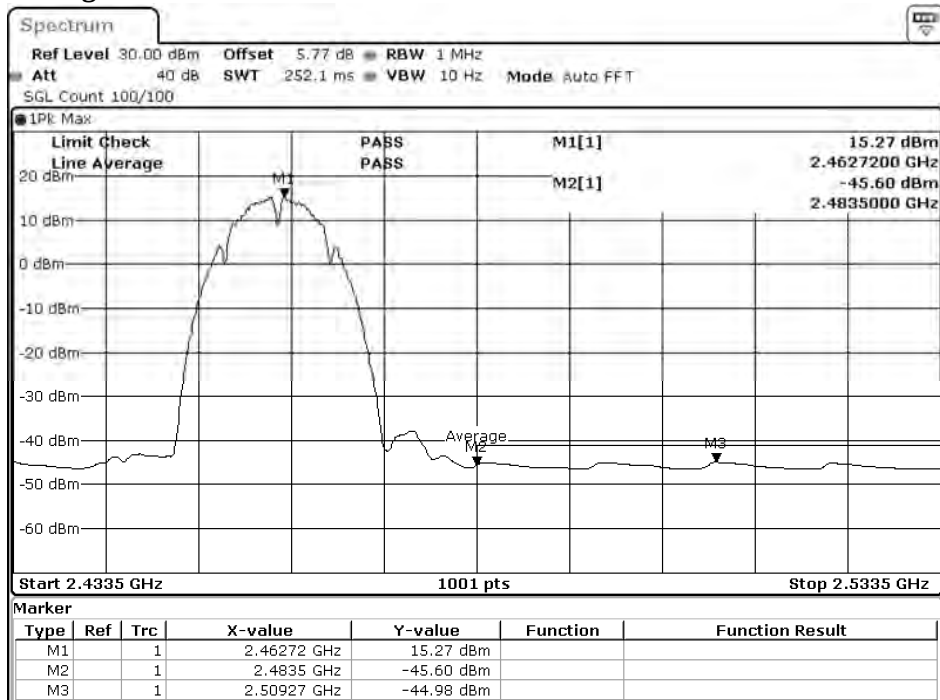
Product : Intel® Wi-Fi 6 AX201
 Test Item : Band Edge Data
 Test Mode : Mode 9 SISO B: Transmit (802.11b 1Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 07:28:13

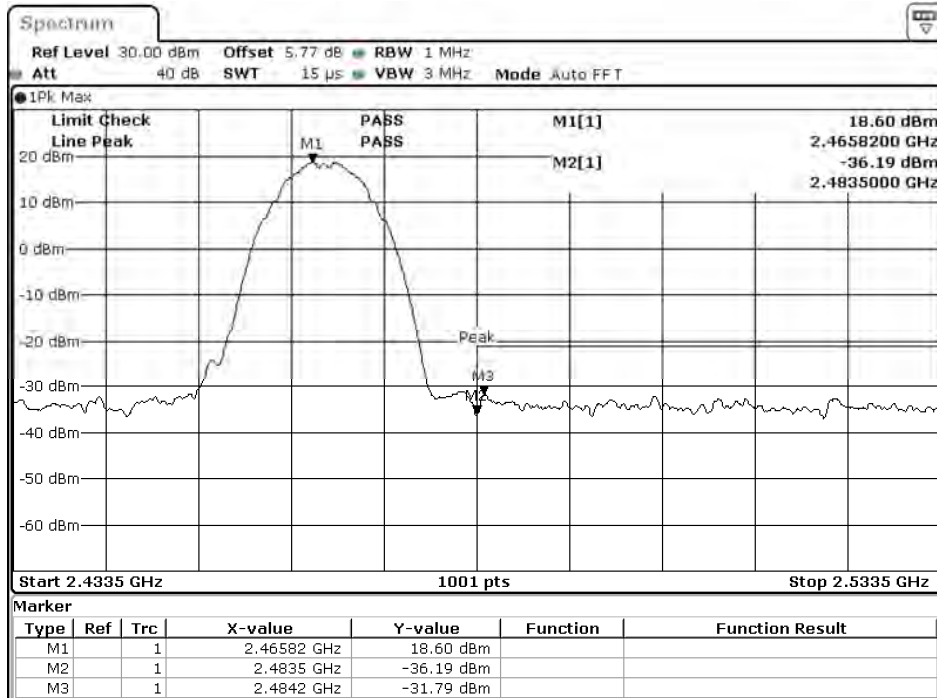
Average



Date: 18.FEB.2022 07:29:36

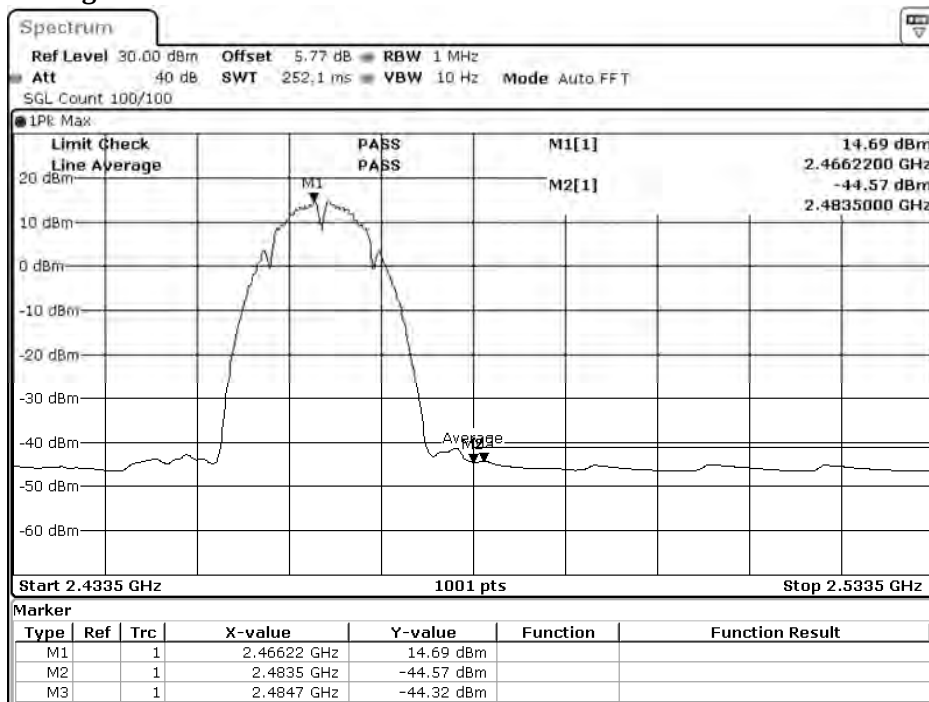
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 9 SISO B: Transmit (802.11b 1Mbps) (2467MHz)

Peak



Date: 18.FEB.2022 07:31:12

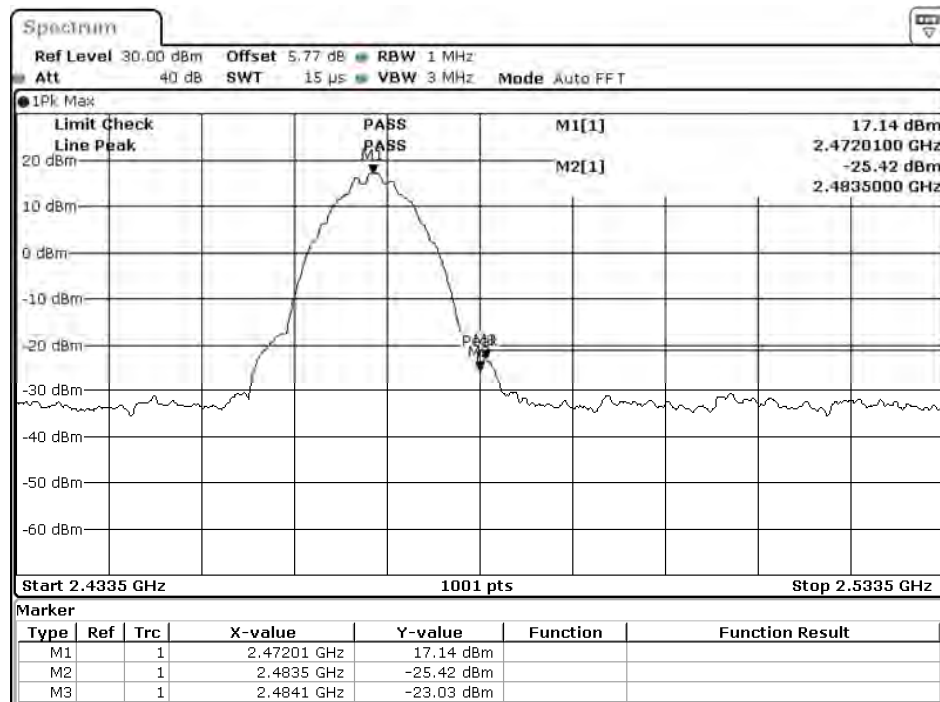
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Date: 18.FEB.2022 07:32:35

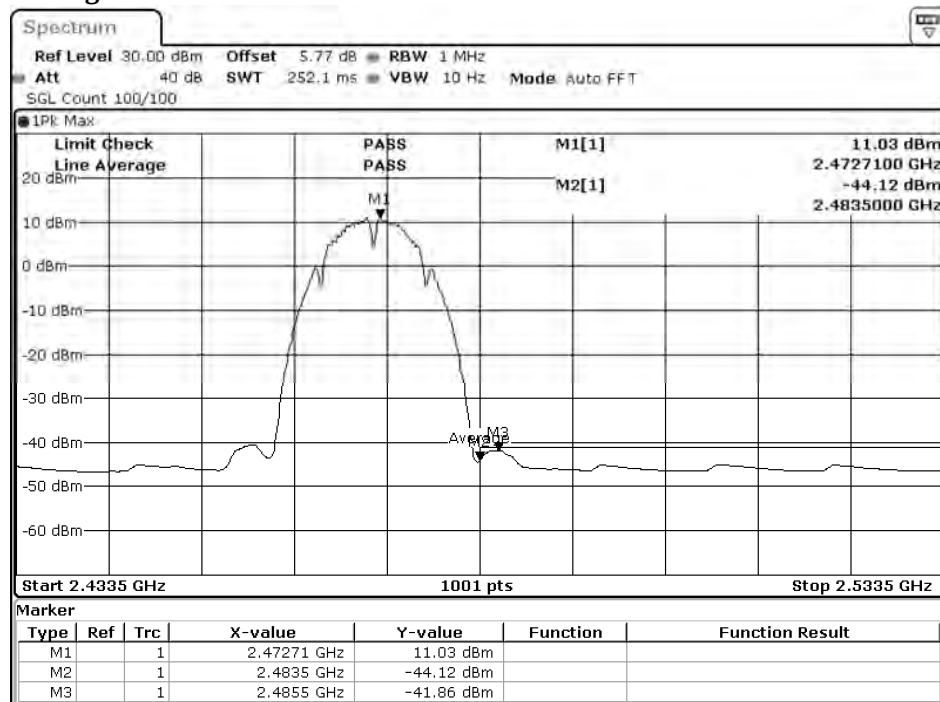
Product : Intel® Wi-Fi 6 AX201
 Test Item : Band Edge Data
 Test Mode : Mode 9 SISO B: Transmit (802.11b 1Mbps) (2472MHz)

Peak



Date: 18.FEB.2022 07:41:40

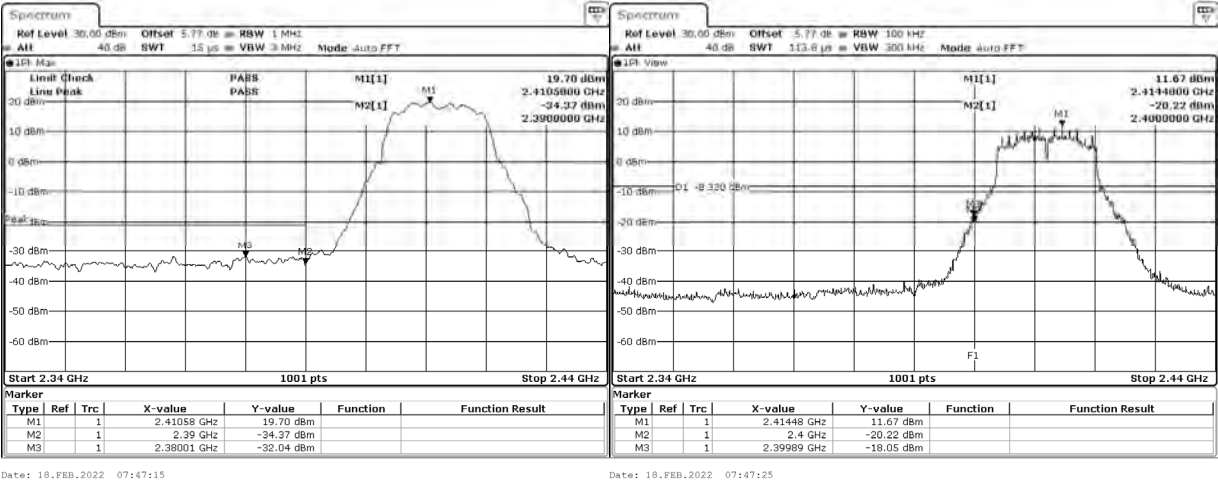
Average



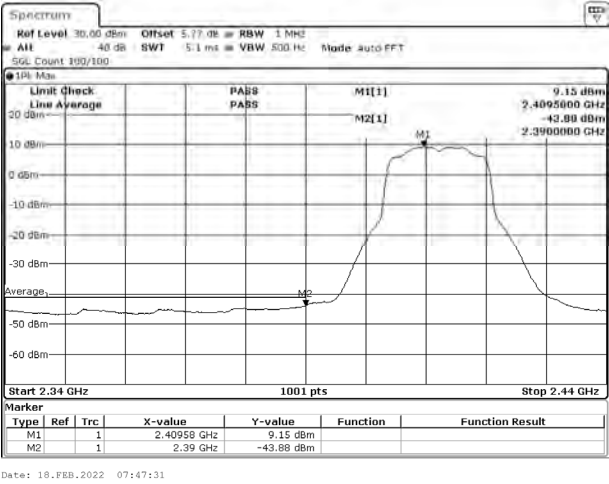
Date: 18.FEB.2022 07:43:03

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 10 SISO B: Transmit (802.11g 6Mbps) (2412MHz)

Peak

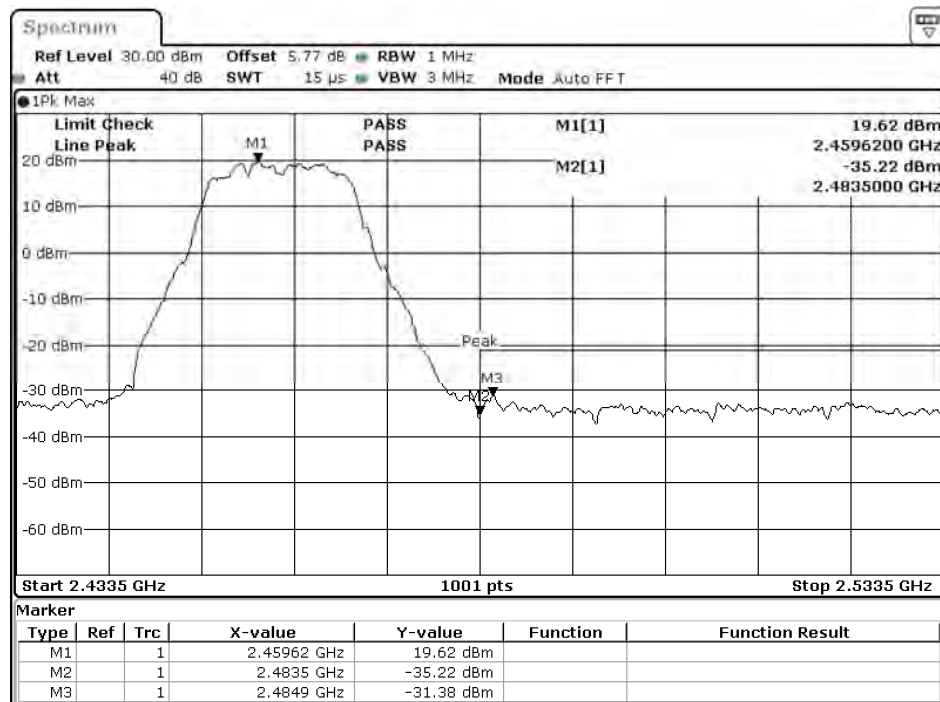


Average



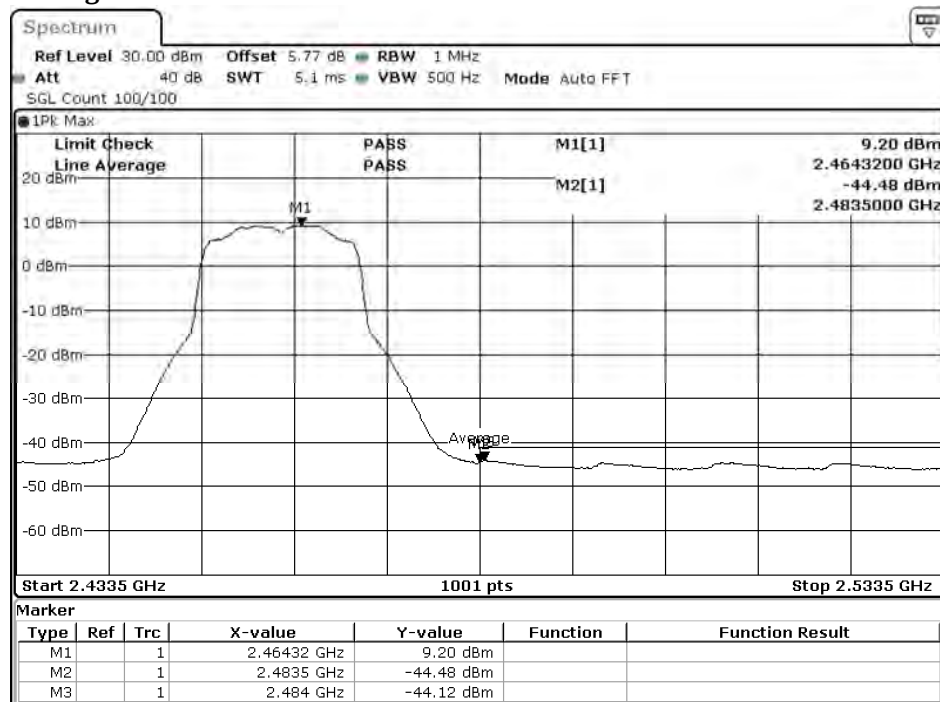
Product : Intel® Wi-Fi 6 AX201
 Test Item : Band Edge Data
 Test Mode : Mode 10 SISO B: Transmit (802.11g 6Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 07:50:35

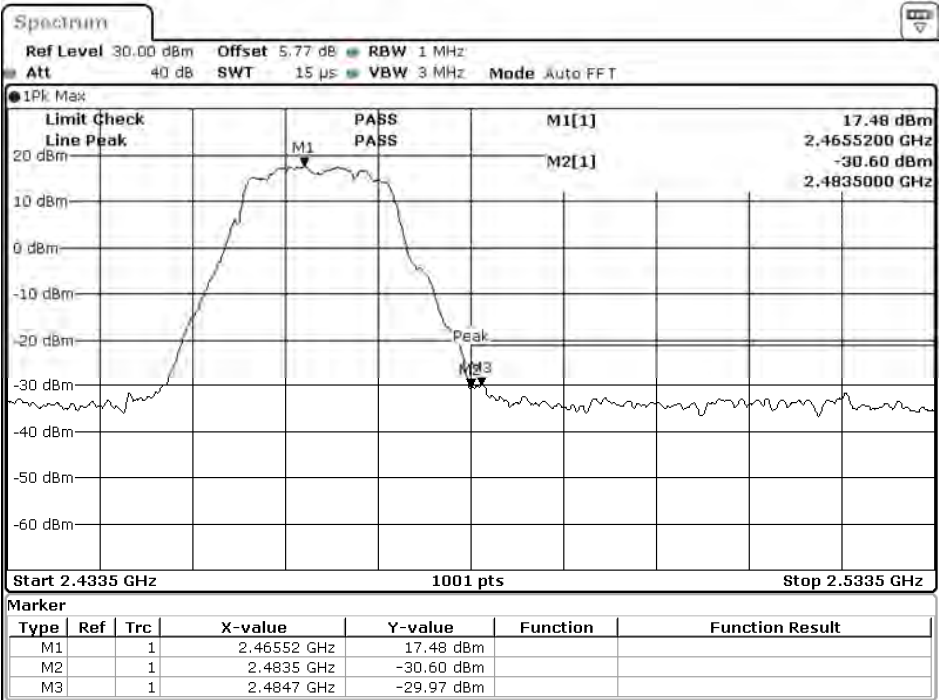
Average



Date: 18.FEB.2022 07:50:41

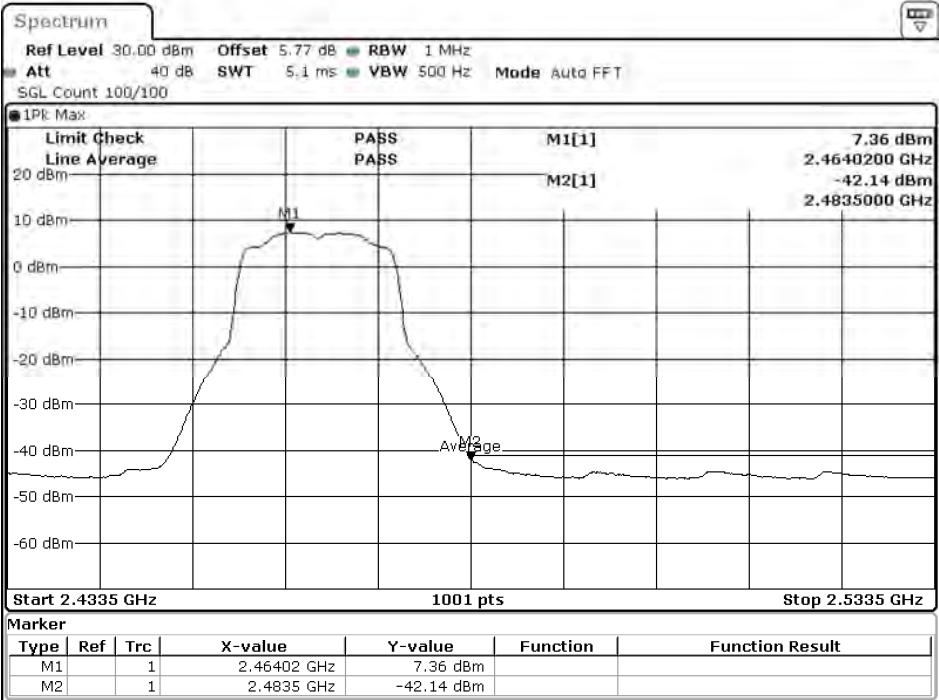
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 10 SISO B: Transmit (802.11g 6Mbps) (2467MHz)

Peak



Date: 18.FEB.2022 07:52:07

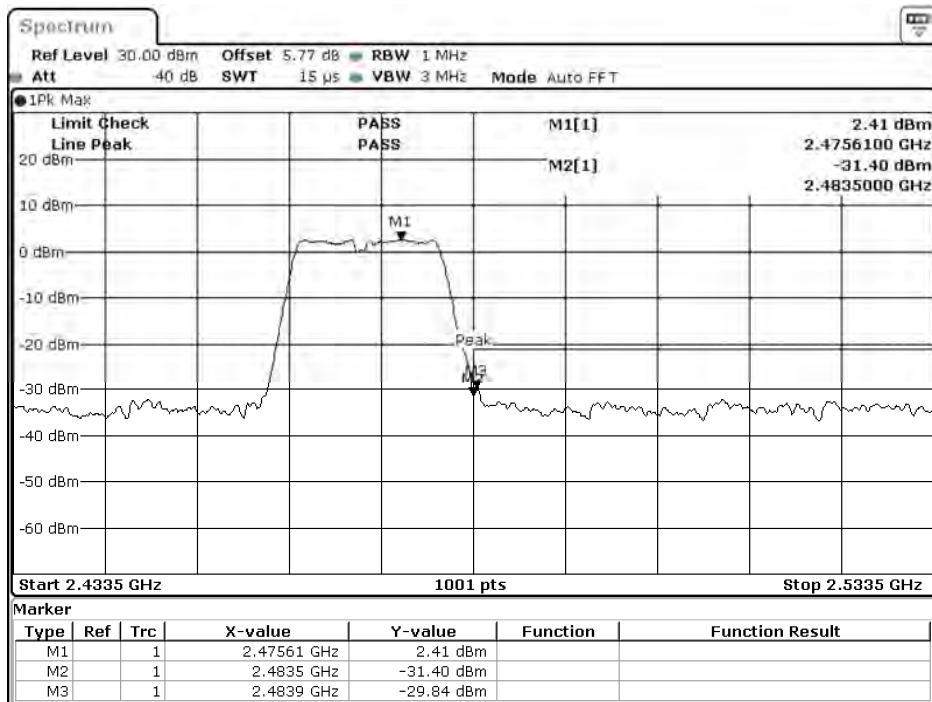
Average



Date: 18.FEB.2022 07:52:13

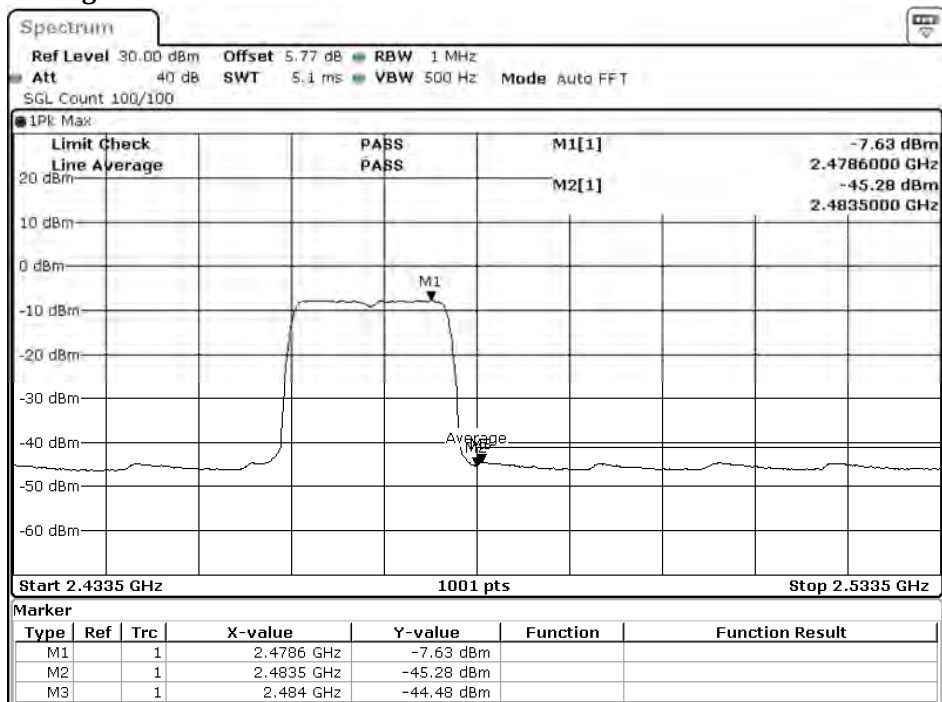
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 10 SISO B: Transmit (802.11g 6Mbps) (2472MHz)

Peak



Date: 18.FEB.2022 07:53:22

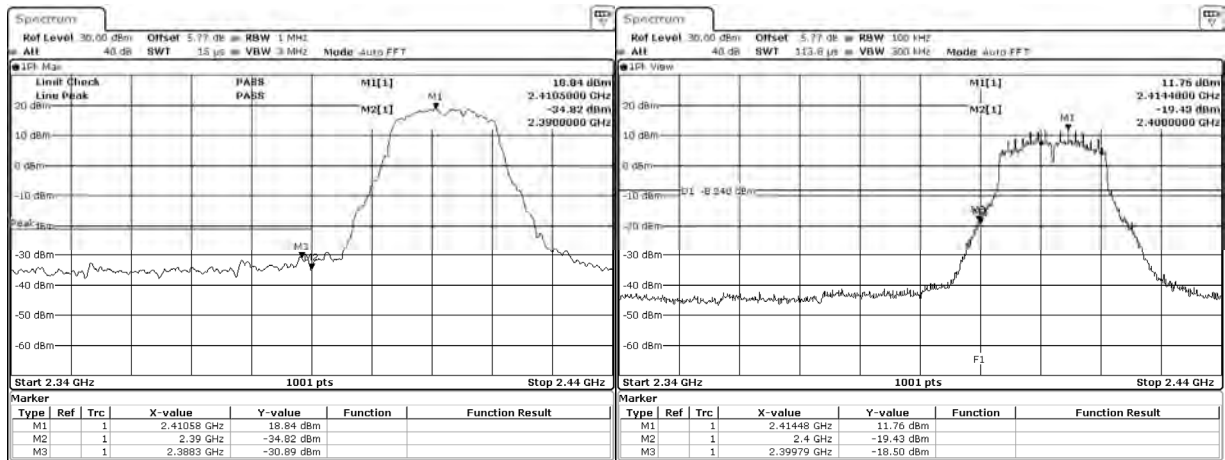
Average



Date: 18.FEB.2022 07:53:28

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 11 SISO B: Transmit (802.11n-20BW 7.2Mbps) (2412MHz)

Peak



Date: 18.FEB.2022 07:55:21

Date: 18.FEB.2022 07:55:31

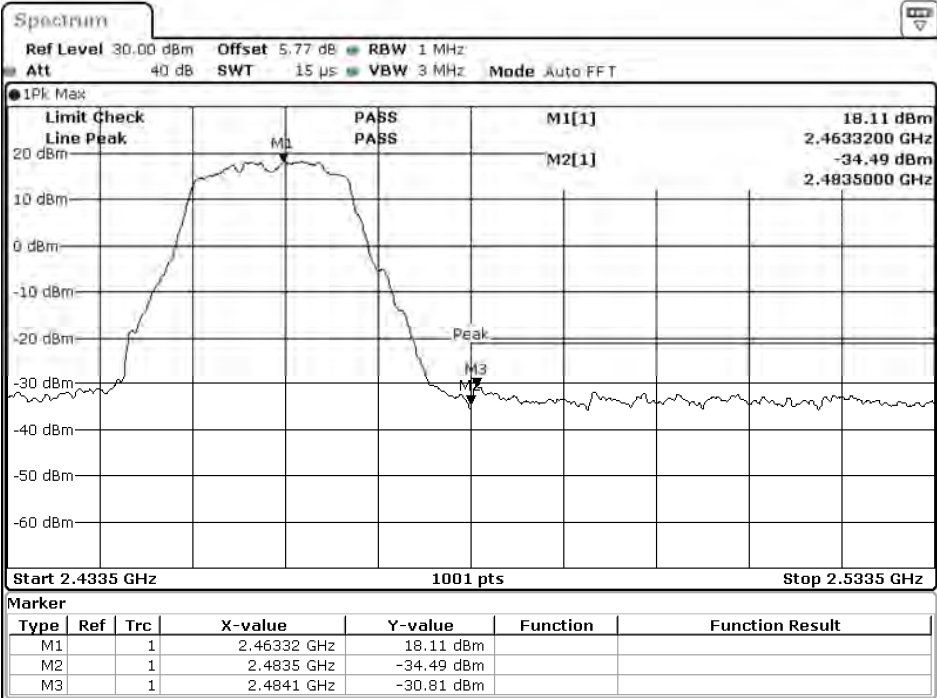
Average



Date: 9 DEC 2021 08:18:22

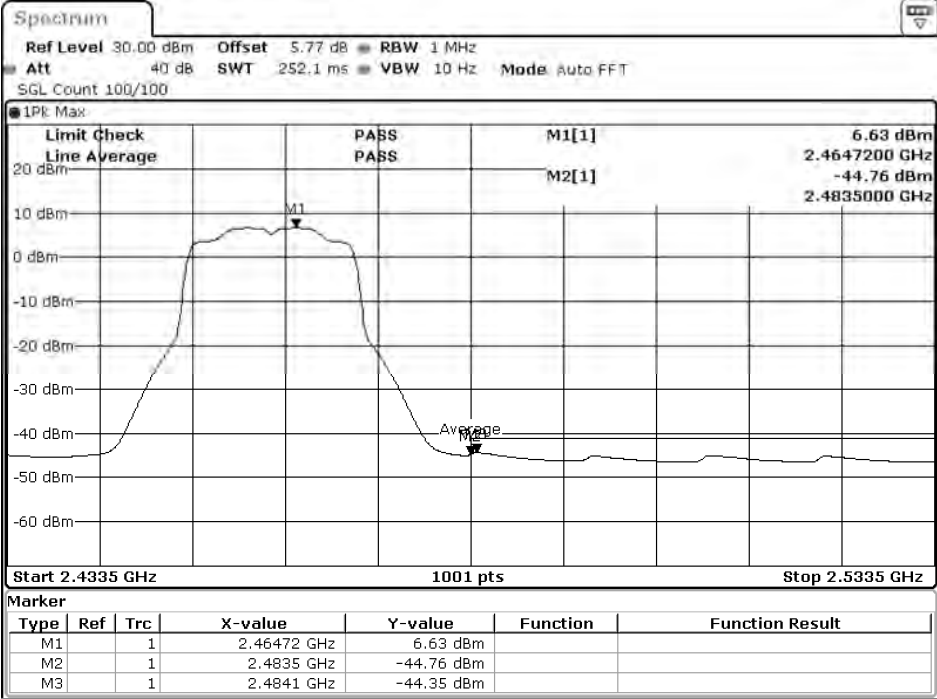
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 11 SISO B: Transmit (802.11n-20BW 7.2Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 07:58:47

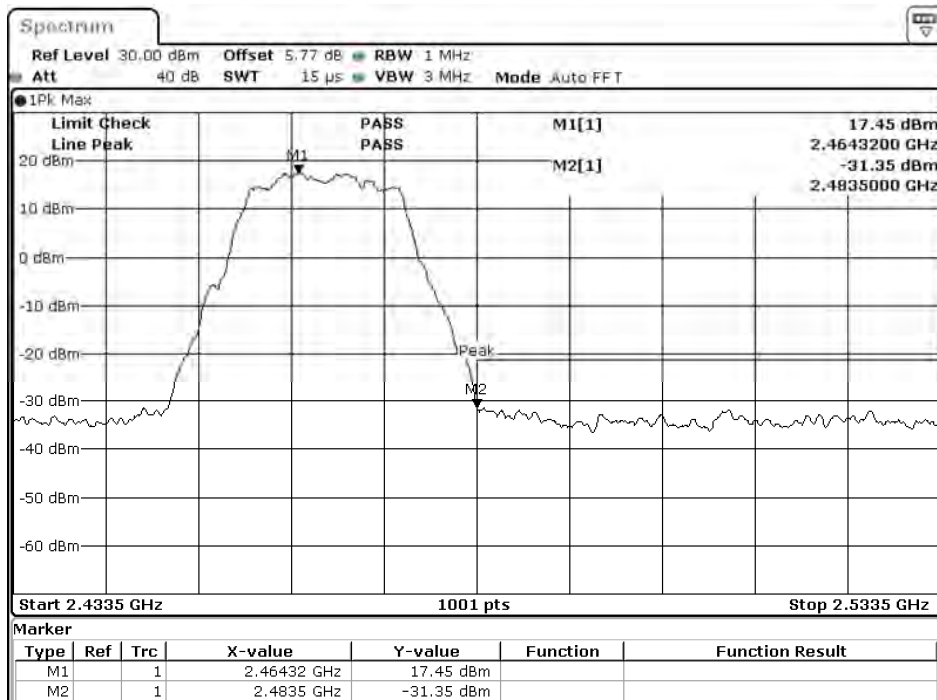
Average



Date: 18.FEB.2022 08:00:10

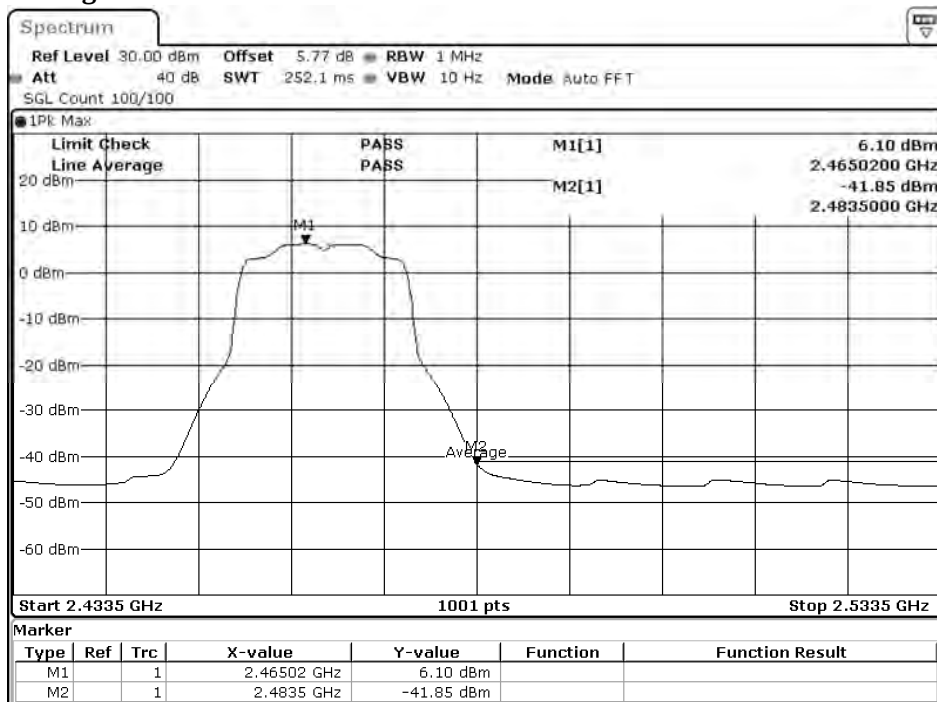
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 11 SISO B: Transmit (802.11n-20BW 7.2Mbps) (2467MHz)

Peak



Date: 18.FEB.2022 08:01:15

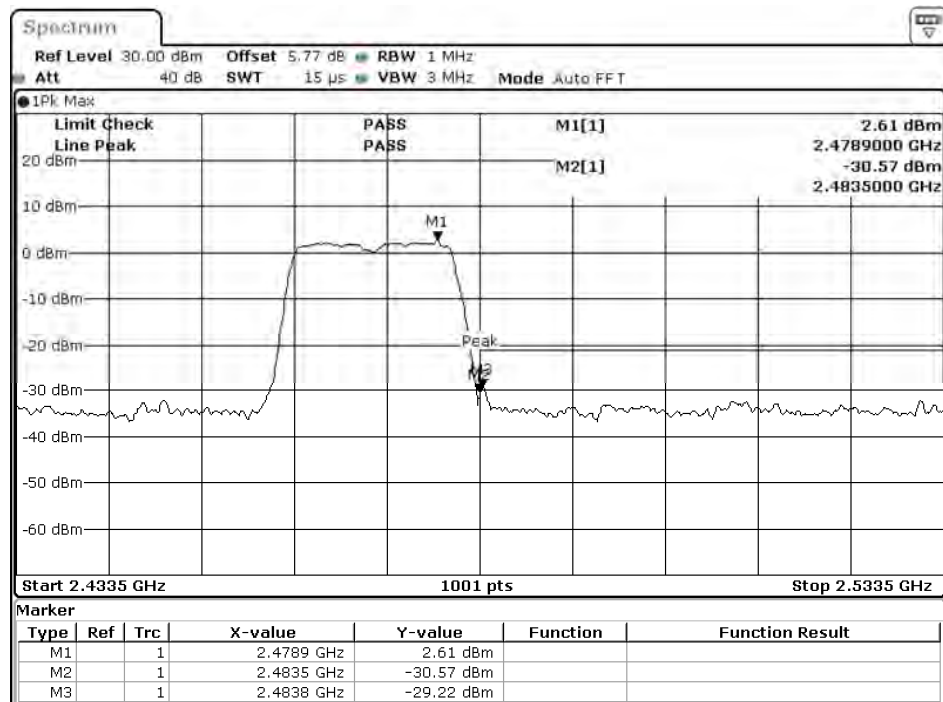
Average



Date: 18.FEB.2022 08:02:38

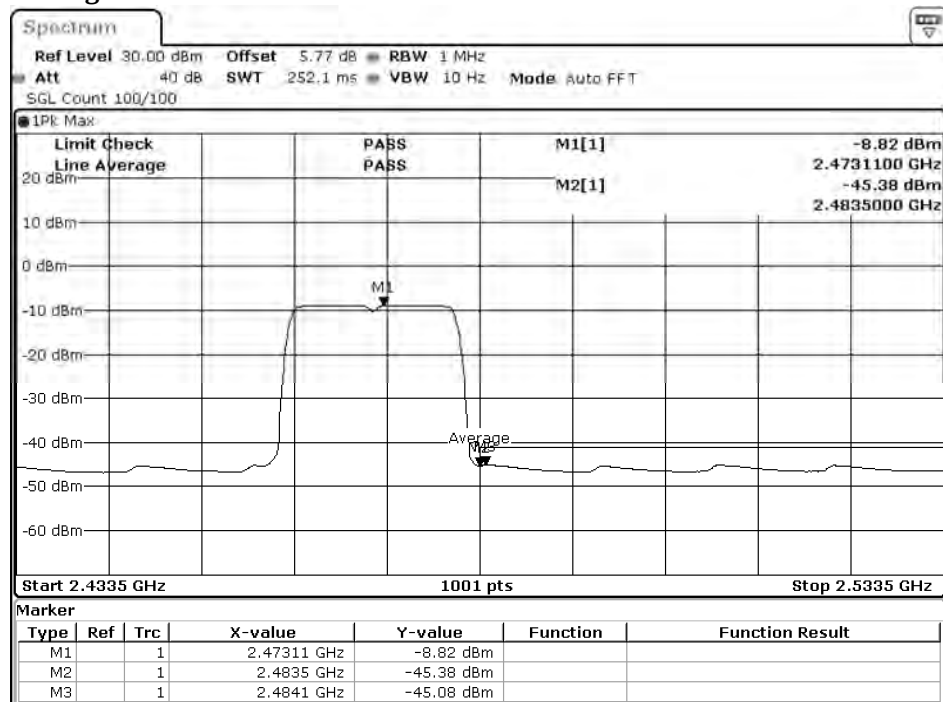
Product : Intel® Wi-Fi 6 AX201
 Test Item : Band Edge Data
 Test Mode : Mode 11 SISO B: Transmit (802.11n-20BW 7.2Mbps) (2472MHz)

Peak



Date: 18.FEB.2022 08:03:48

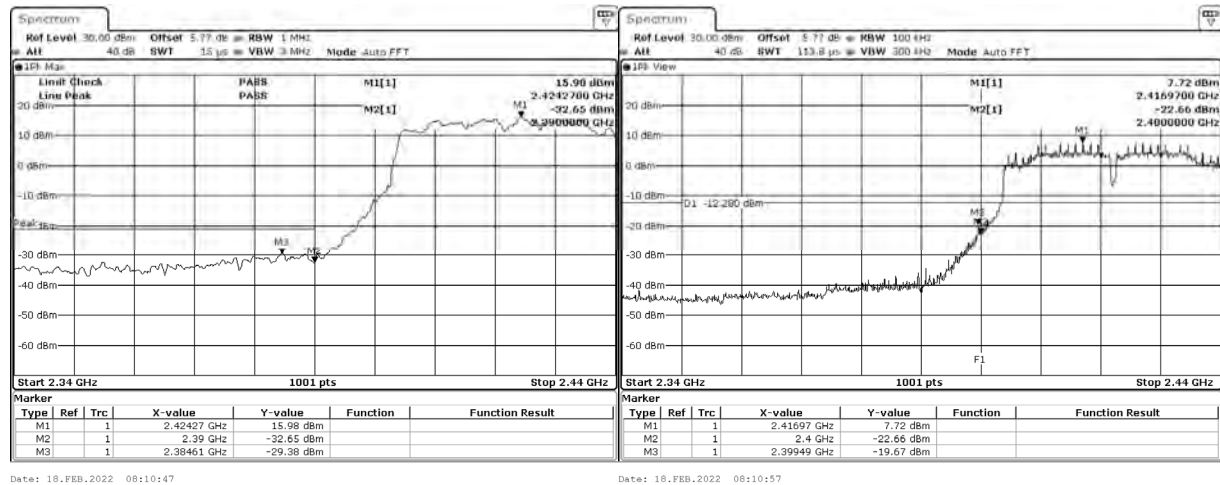
Average



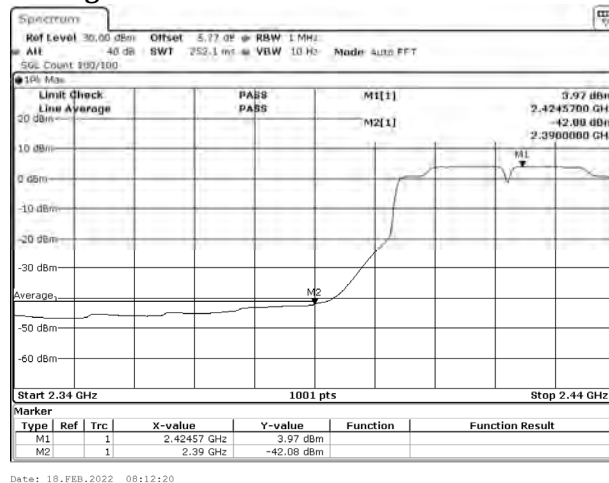
Date: 18.FEB.2022 08:05:11

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 12 SISO B: Transmit (802.11n-40BW 15Mbps) (2422MHz)

Peak

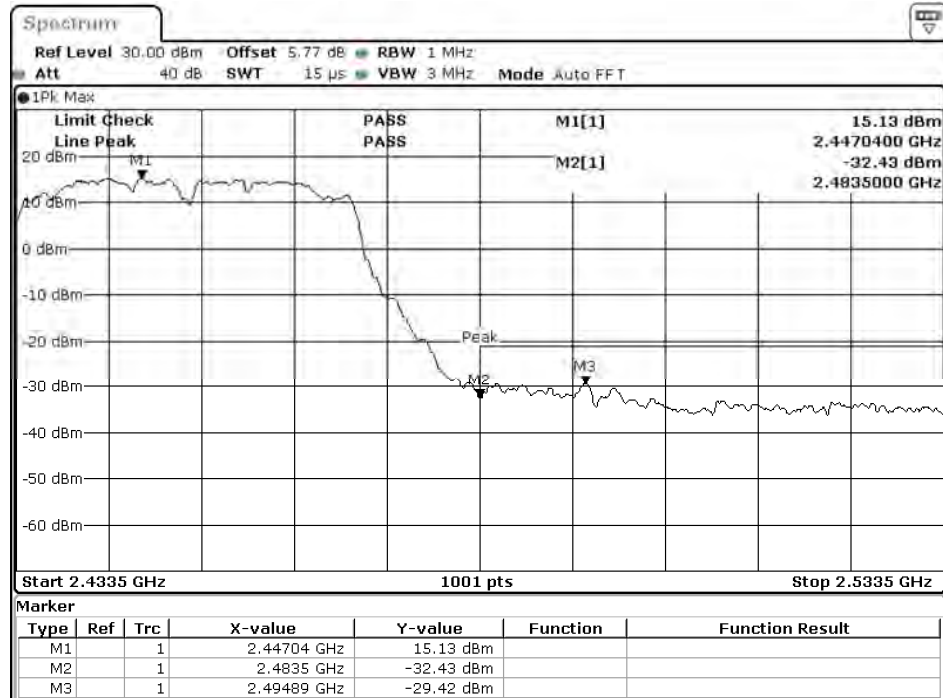


Average



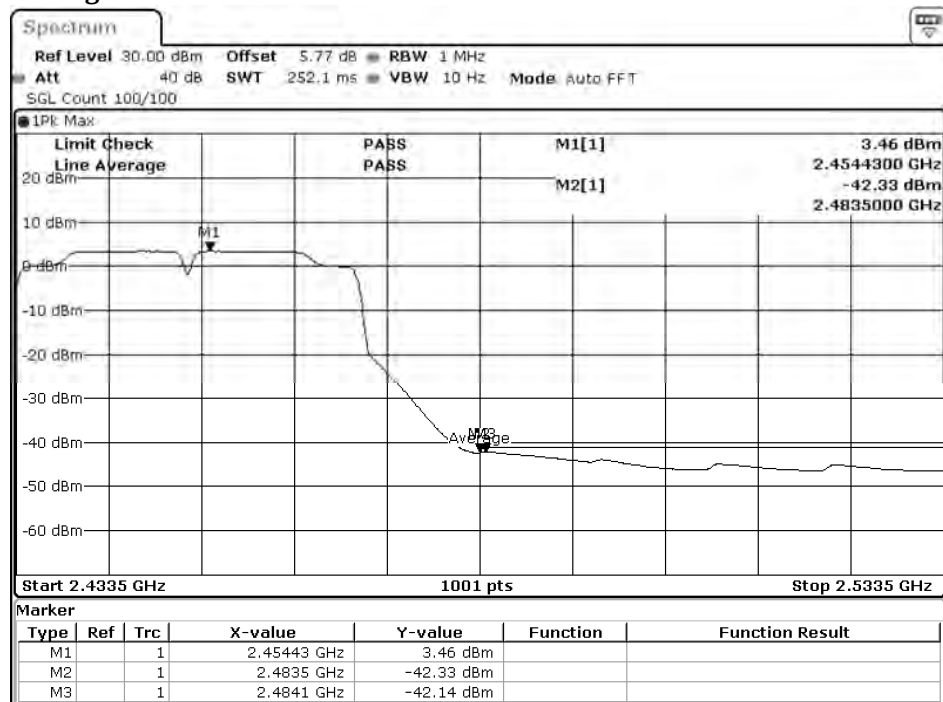
Product : Intel® Wi-Fi 6 AX201
 Test Item : Band Edge Data
 Test Mode : Mode 12 SISO B: Transmit (802.11n-40BW 15Mbps) (2452MHz)

Peak



Date: 18.FEB.2022 08:13:49

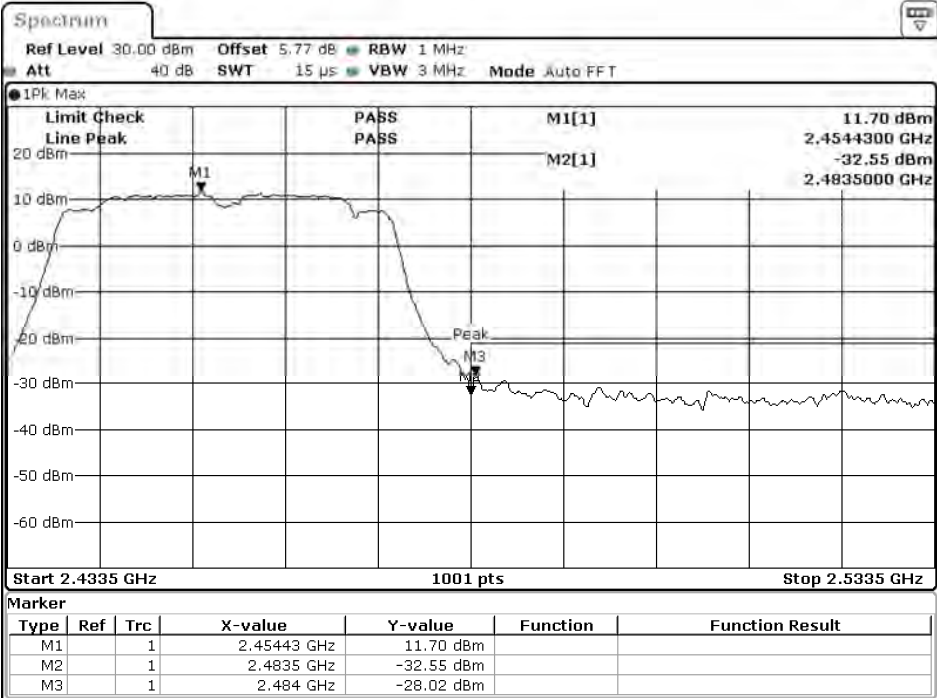
Average



Date: 18.FEB.2022 08:15:12

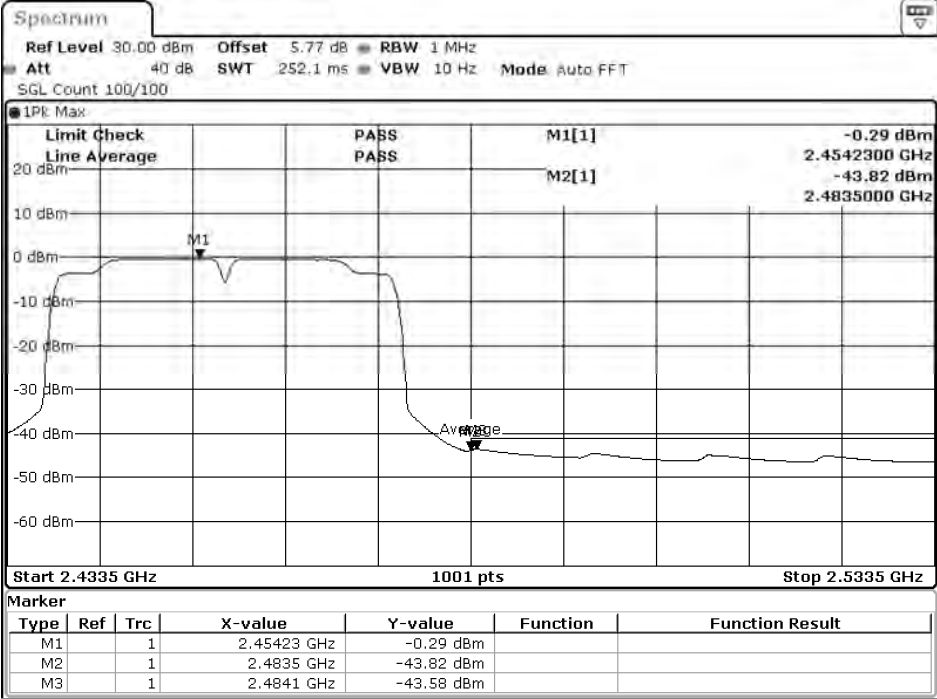
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 12 SISO B: Transmit (802.11n-40BW 15Mbps) (2457MHz)

Peak



Date: 18.FEB.2022 08:18:57

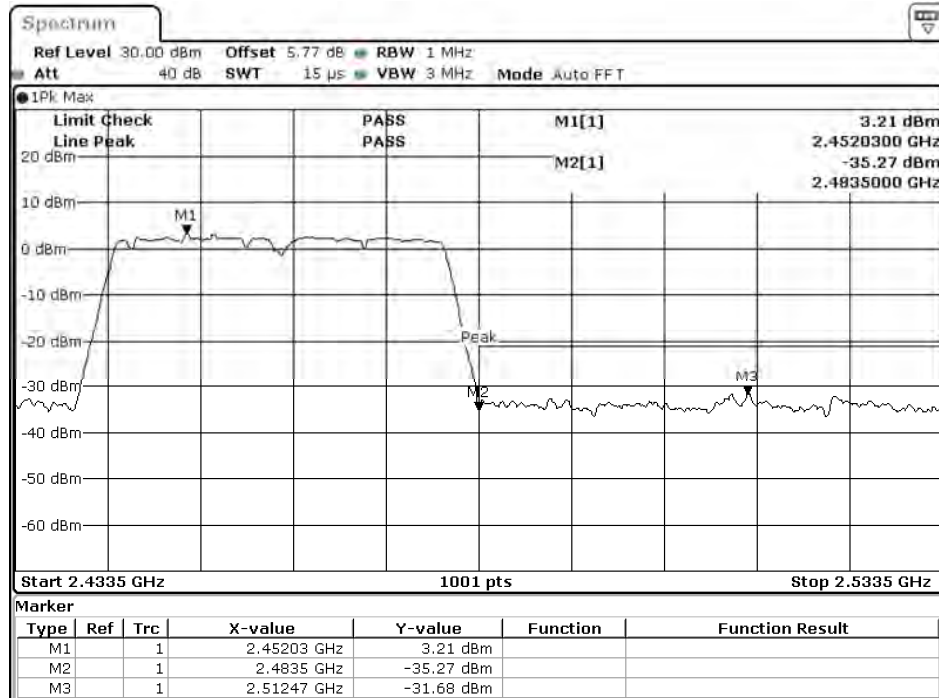
Average



Date: 18.FEB.2022 08:20:20

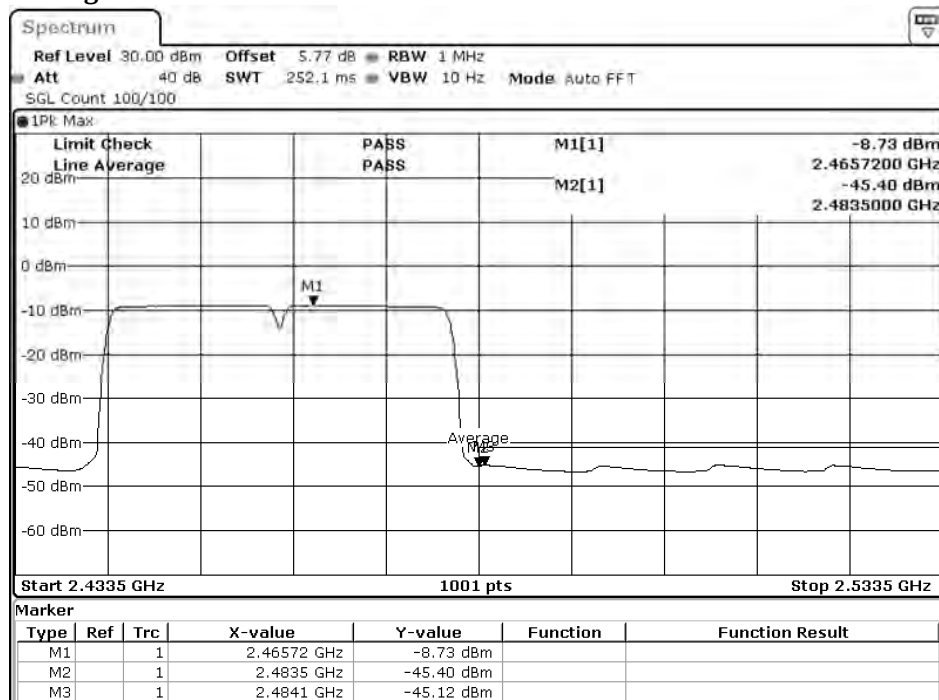
Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 12 SISO B: Transmit (802.11n-40BW 15Mbps) (2462MHz)

Peak



Date: 18.FEB.2022 08:21:51

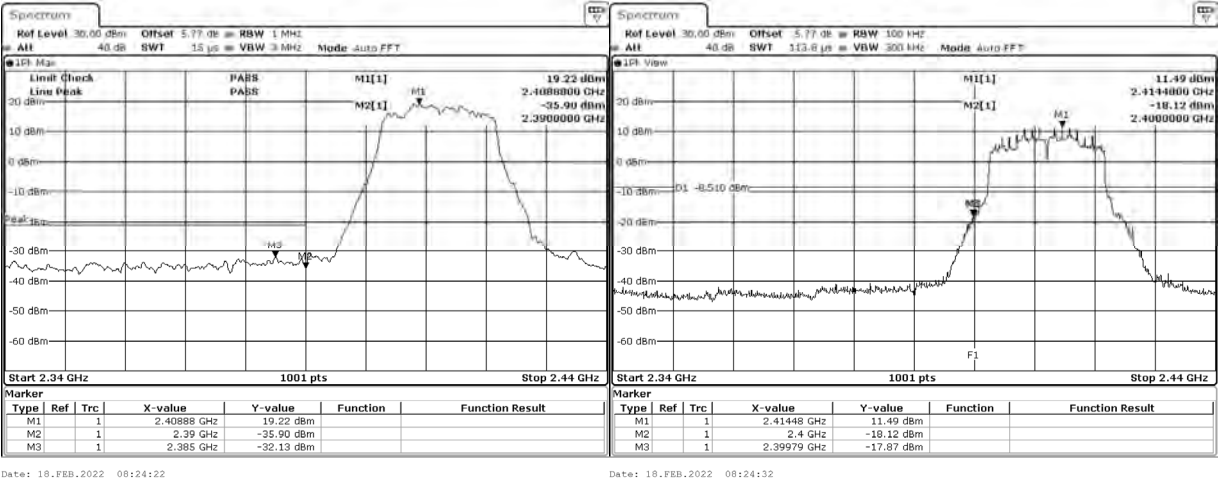
Average



Date: 18.FEB.2022 08:23:14

Product : Intel® Wi-Fi 6 AX201
Test Item : Band Edge Data
Test Mode : Mode 13 SISO B: Transmit (802.11ax-20BW 8.6Mbps) (2412MHz)

Peak



Average

