

FCC Test Report

(Class II Permissive Change)

Product Name	Intel® Wi-Fi 6 AX200
Model No	AX200D2WL
FCC ID	CJ6AX200D2WLWB

Applicant	Dynabook Inc.
Address	6-15, Toyosu 5-chome, Koto-ku, Tokyo, 135-8505, Japan

Date of Receipt	Jan. 01, 2022
Issued Date	May 03, 2022
Report No.	2210170R-RFUSWL5V01-B
Report Version	V1.0



The test results relate only to the samples tested.

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

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

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

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

Test Report

Issued Date: May 03, 2022

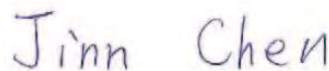
Report No.: 2210170R-RFUSWL5V01-B



Product Name	Intel® Wi-Fi 6 AX200
Applicant	Dynabook Inc.
Address	6-15, Toyosu 5-chome, Koto-ku, Tokyo, 135-8505, Japan
Manufacturer	Intel Mobile Communications
Model No.	AX200D2WL
FCC ID.	CJ6AX200D2WLWB
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 E ANSI C63.4: 2014, ANSI C63.10: 2013 KDB Publication 789033
Test Result	Complied

Documented By

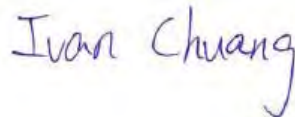
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(Supervisor / Jinn Chen)

Tested By

:



(Senior Engineer / Ivan Chuang)

Approved By

:



(Senior Engineer / Alan Chen)

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Revision History

Report No.	Version	Description	Issued Date
2210170R-RFUSWL5V01-B	V1.0	Initial issue of report.	May 03, 2022

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Wi-Fi 6 AX200
Trade Name	Intel
FCC ID.	CJ6AX200D2WLWB
Model No.	AX200D2WL
Frequency Range	802.11a/n/ax-20MHz: 5180-5320MHz, 5500-5700MHz, 5720MHz, 5745-5825MHz 802.11n/ax-40MHz: 5190-5310MHz, 5510-5670MHz, 5710MHz, 5755-5795MHz 802.11ac/ax-80MHz: 5210-5290MHz, 5530-5690MHz, 5775MHz 802.11ac/ax-160MHz: 5250MHz, 5570MHz
Number of Channels	802.11a/n/ax-20MHz: 25 802.11n/ax-40MHz: 12 802.11ac/ax-80MHz: 6 802.11ac/ax-160MHz: 2
Data Speed	802.11a: 6 - 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 1733.3Mbps 802.11ax: up to 2402Mbps
Channel Control	Auto
Type of Modulation	802.11a/n/ac/ax: OFDM, OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Antenna Type	Folded Dipole Antenna
Antenna Gain	Refer to the table "Antenna List"
Power Adapter #1	MFR: Chicony, M/N: PA5177E-1AC3 Input: AC 100-240V~1.3A 50-60Hz Output: 19V $\overline{=}$ 2.37A Cable out: Non-Shielded, 1.8m. Power cord: Non-Shielded, 1.8m.
Power Adapter #2	MFR: Chicony, M/N: PA5177U-1ACA Input: AC 100-240V~1.3A 50-60Hz Output: 19V $\overline{=}$ 2.37A Cable out: Non-Shielded, 1.8m. Power cord: Non-Shielded, 1.8m.
Power Adapter #3	MFR: Lite-On, M/N: PA5177E-1AC3 Input: AC 100-240V~1.3A 50-60Hz Output: 19V $\overline{=}$ 2.37A Cable out: Non-Shielded, 1.8m. Power cord: Non-Shielded, 1.8m.
Power Adapter #4	MFR: Lite-On, M/N: PA5177U-1ACA Input: AC 100-240V~1.3A 50-60Hz Output: 19V $\overline{=}$ 2.37A Cable out: Non-Shielded, 1.8m. Power cord: Non-Shielded, 1.8m.

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	SLEing	SLEingB219790388 (Main)	Folded Dipole	1.69dBi for 5.150-5.250GHz 1.24dBi for 5.250-5.350GHz 1.72dBi for 5.470-5.725GHz 1.54dBi for 5.725-5.850GHz
		SLEingB219790491 (Aux)	Folded Dipole	-0.91dBi for 5.150-5.250GHz -0.91dBi for 5.250-5.350GHz 1.85dBi for 5.470-5.725GHz 1.85dBi for 5.725-5.850GHz

Note: The antenna of EUT is conform to FCC 15.203

802.11a/n/ax -20MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 36:	5180 MHz	Channel 40:	5200 MHz	Channel 44:	5220 MHz	Channel 48:	5240 MHz
Channel 52:	5260 MHz	Channel 56:	5280 MHz	Channel 60:	5300 MHz	Channel 64:	5320 MHz
Channel 100:	5500 MHz	Channel 104:	5520 MHz	Channel 108:	5540 MHz	Channel 112:	5560 MHz
Channel 116:	5580 MHz	Channel 120:	5600 MHz	Channel 124:	5620 MHz	Channel 128:	5640 MHz
Channel 132:	5660 MHz	Channel 136:	5680 MHz	Channel 140:	5700 MHz	Channel 144:	5720 MHz
Channel 149:	5745 MHz	Channel 153:	5765 MHz	Channel 157:	5785 MHz	Channel 161:	5805 MHz
Channel 165:	5825 MHz						

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 38:	5190 MHz	Channel 46:	5230 MHz	Channel 54:	5270 MHz	Channel 62:	5310 MHz
Channel 102:	5510 MHz	Channel 110:	5550 MHz	Channel 118:	5590 MHz	Channel 126:	5630 MHz
Channel 134:	5670 MHz	Channel 142:	5710 MHz	Channel 151:	5755 MHz	Channel 159:	5795 MHz

802.11ac/ax -80MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 42:	5210 MHz	Channel 58:	5290 MHz	Channel 106:	5530 MHz	Channel 122:	5610 MHz
Channel 138:	5690 MHz	Channel 155:	5775 MHz				

802.11ac/ax-160MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency
Channel 50:	5250 MHz	Channel 114:	5570 MHz

Note:

1. This device is an Intel® Wi-Fi 6 AX200 with built-in WLAN and Bluetooth transceiver, this report for WLAN 5GHz.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
4. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart E for Unlicensed National Information Infrastructure devices.
5. At result of pretests, module supports dual-channel transmission, only the worst case is shown in the report.
6. This is to request a Class II permissive change for FCC ID: CJ6AX200D2WLWB, originally granted on 03/28/2022.

The major change filed under this application is:

Change #1: Additional Chassis added, Product name: Notebook PC, Model number: SATELLITE C50D-B, SATELLITE PRO C50D-B

Change #2: Reduce the Output Power through firmware, and SAR measurement were evaluated. (Only reduce Wi-Fi Output Power, Bluetooth Output Power haven't changes).

Change #3: Addition a Folded Dipole Antenna, the antenna type is different with the original application.

Test Mode (5GHz)	Mode 1 SISO A: Transmit (802.11a_6Mbps) Mode 2 SISO A: Transmit (802.11n-20BW_7.2Mbps) Mode 3 SISO A: Transmit (802.11n-40BW_15Mbps) Mode 4 SISO A: Transmit (802.11ac-80BW_32.5Mbps) Mode 5 SISO A: Transmit (802.11ac-160BW_65Mbps) Mode 6: SISO A: Transmit (802.11ax-20BW_8.6Mbps) Mode 7: SISO A: Transmit (802.11ax-40BW_17.2Mbps) Mode 8: SISO A: Transmit (802.11ax-80BW_36Mbps) Mode 9: SISO A: Transmit (802.11ax-160BW_72.1Mbps) Mode 10 SISO B: Transmit (802.11a_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 (802.11ac-80BW_32.5Mbps) Mode 14 SISO B: Transmit (802.11ac-160BW_65Mbps) Mode 15: SISO B: Transmit (802.11ax-20BW_8.6Mbps) Mode 16: SISO B: Transmit (802.11ax-40BW_17.2Mbps) Mode 17: SISO B: Transmit (802.11ax-80BW_36Mbps) Mode 18: SISO B: Transmit (802.11ax-160BW_72.1Mbps) Mode 19 MIMO: Transmit (802.11n-20BW_14.4Mbps) Mode 20 MIMO: Transmit (802.11n-40BW_30Mbps) Mode 21 MIMO: Transmit (802.11ac-80BW_65Mbps) Mode 22 MIMO: Transmit (802.11ac-160BW_130Mbps) Mode 23: MIMO: Transmit (802.11ax-20BW_17.2Mbps) Mode 24: MIMO: Transmit (802.11ax-40BW_34.4Mbps) Mode 25: MIMO: Transmit (802.11ax-80BW_72.1Mbps) Mode 26: MIMO: Transmit (802.11ax-160BW_144.1Mbps)
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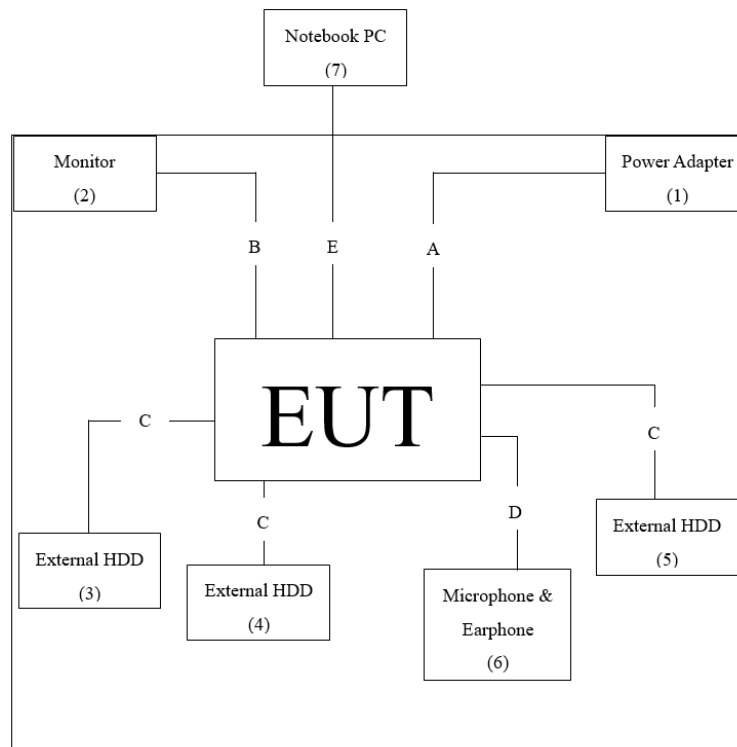
1.2. Tested System Details

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

Product	Manufacturer	Model No.	Serial No.	Power Cord
1 Power Adapter	Chicony	PA-5177E-1AC3	N/A	Non-shielded, 1.8m
2 Monitor	Lenovo	A21215FS0	V5DMD987	Non-shielded, 1.8m
3 External HDD	Transcend	TS1TSJ25MC	F30467-0011	N/A
4 External HDD	Transcend	TS1TSJ25H3B	F21786-0005	N/A
5 External HDD	Transcend	TS1TSJ25H3B	F21786-0103	N/A
6 Microphone & Earphone	Verbatim	C09024VB	N/A	N/A
7 Notebook PC	DELL	Inspiron 15 3000	GT5JPJ2	N/A

Signal Cable Type	Signal cable Description
A Power Cable	Non-shielded, 1.8m
B HDMI Cable	Shielded, 1.8m
C USB Cable	Shielded, 1.5m, three PCS.
D Microphone & Earphone Cable	Non-shielded, 1.2m
E LAN Cable	Non-shielded, 3m

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 V22.21050.0.0-OEM.DRTU.12004” 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	23.8 °C
	Humidity (%RH)	10~90 %	62.4 %
Conductive	Temperature (°C)	10~40 °C	21.3 °C
	Humidity (%RH)	10~90 %	57.5 %

USA : **FCC Registration Number: TW0033**

Canada : **CAB Identifier Number: TW0323 / Company 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 Equipment

For Conducted measurements /SH2

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
X	Spectrum Analyzer	R&S	FSV30	103464	2022/03/25	2023/03/24
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
	Loop Antenna	AMETEK	HLA6121	56736	2021/04/14	2022/04/13
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-675	2021/08/11	2022/08/10
X	Horn Antenna	ETS-Lindgren	3117	00227700	2021/10/12	2022/10/11
	Horn Antenna	Com-Power	AH-840	101100	2021/10/04	2022/10/03
X	Pre-Amplifier	SGH	PRAMP118	20200202	2021/03/25	2022/03/24
X	Pre-Amplifier	EMCI	EMC001330	980302	2021/07/26	2022/07/25
	Pre-Amplifier	SGH	EM330	60736	2021.08.11	2022.08.10
X	Pre-Amplifier	EMCI	EMC051835SE	980313	2021/11/24	2022/11/23
	Pre-Amplifier	EMCI	EMC05820SE	980309	2021/09/27	2022/09/26
	Pre-Amplifier	EMCI	EMC05820SE	980310	2021/07/07	2022/07/06
	Pre-Amplifier	EMCI	EMC184045SE	980369	2021/04/27	2022/04/26
X	Coaxial Cable	EMCI	EMC102-KM-KM-600	1160314	2021/04/27	2022/04/26
	Coaxial Cable	EMCI	EMC102-KM-KM-7000	170242	2021/04/27	2022/04/26
	Filter	MICRO TRONICS	BRM50702	G251	2021/09/16	2022/09/15
X	Filter	MICRO TRONICS	BRM50716	G188	2021/09/16	2022/09/15
X	EMI Test Receiver	R&S	ESR3	102793	2021/12/15	2022/12/14
X	Spectrum Analyzer	R&S	FSV3044	101114	2022/02/11	2023/02/10
	Coaxial Cable	SGH	HA800	GD20110222-3	2022/01/05	2023/01/04
X	Coaxial Cable	SGH	SGH18	20110223-1	2022/01/05	2023/01/04
	Coaxial Cable	SGH	SGH18	2021005-3	2022/01/05	2023/01/04
	Coaxial Cable	SGH	SGH18	2021001-18	2022/01/05	2023/01/04

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.

4.

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%.

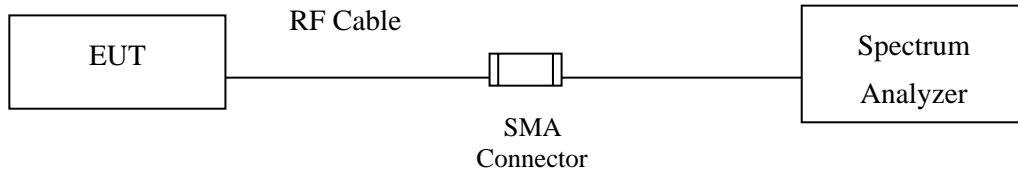
Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test item	Uncertainty	
Maximun conducted output power	Power Meter ± 0.91 dB	
Radiated Emission	Under 1GHz ± 4.06 dB	Above 1GHz ± 3.73 dB
Duty Cycle	± 2.31 ms	

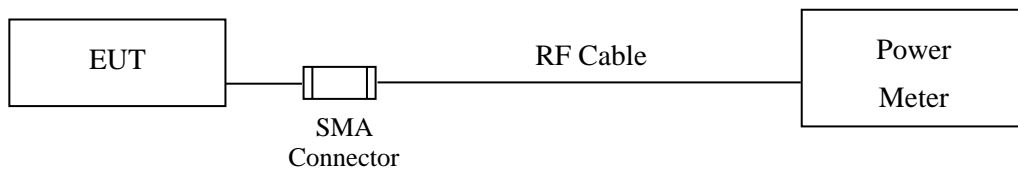
2. Maximun conducted output power

2.1. Test Setup

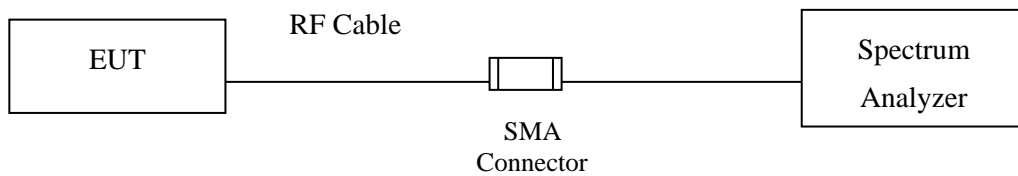
26dB Occupied Bandwidth



Conduction Power Measurement (for 802.11a)



Conduction Power Measurement (for 802.11ac)



2.2. Limits

2.2.1. For the band 5.15-5.25 GHz,

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W, provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, if transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, if transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

2.2.2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

2.2.3. For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, if transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

2.3. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was measured with an average power meter employing a video bandwidth greater than the 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

802.11an (BW \leq 40MHz) Maximum conducted output power using KDB 789033 section E)3)b) Method PM-G (Measurement using a gated RF average power meter)

Note: the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth, (Anritsu/ MA2411B video bandwidth: 65MHz)

802.11ac (BW=80MHz) Maximum conducted output power using KDB 789033 section E)2)b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep).

When transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D03 section D) procedure is used for measurements.

2.4. Test Result of Maximum conducted output power

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/22
 Test Mode : Mode 1 SISO A: Transmit (802.11a_6Mbps)

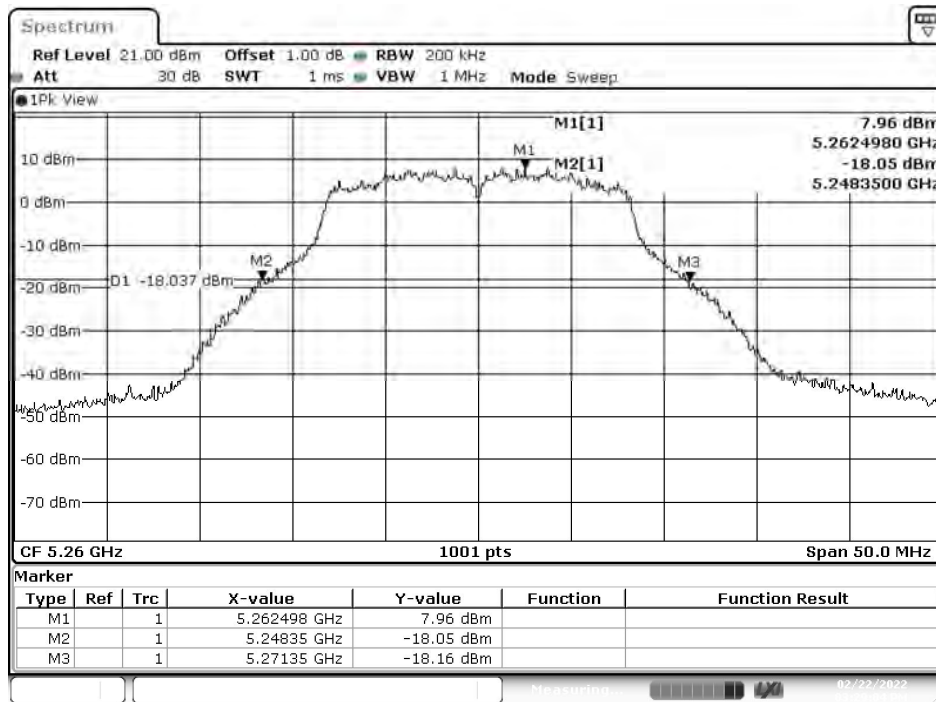
Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
		Measurement Level (dBm)							
36	5180	17.34	--	--	--	--	--	--	--
44	5220	17.29	17.21	17.14	17.09	16.99	16.9	16.81	16.71
48	5240	17.23	--	--	--	--	--	--	--
52	5260	17.26	--	--	--	--	--	--	--
60	5300	17.17	17.12	17.04	16.98	16.91	16.82	16.73	16.68
64	5320	17.09	--	--	--	--	--	--	--
100	5500	17.22	--	--	--	--	--	--	--
116	5580	17.21	17.15	17.09	16.99	16.96	16.89	16.82	16.75
140	5700	17.26	--	--	--	--	--	--	--
149	5745	17.35	--	--	--	--	--	--	--
157	5785	17.35	17.27	17.23	17.18	17.13	17.06	16.96	16.89
165	5825	17.16	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.34	24	--	Pass
44	5220	--	17.29	24	--	Pass
48	5240	--	17.23	24	--	Pass
52	5260	23.00	17.26	24	24.62	Pass
60	5300	22.95	17.17	24	24.61	Pass
64	5320	22.65	17.09	24	24.55	Pass
100	5500	22.70	17.22	24	24.56	Pass
116	5580	22.50	17.21	24	24.52	Pass
140	5700	22.55	17.26	24	24.53	Pass
149	5745	--	17.35	30	--	Pass
157	5785	--	17.35	30	--	Pass
165	5825	--	17.16	30	--	Pass

26dB Occupied Bandwidth: Channel 52



Date: 22.FEB.2022 15:29:05

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 2 SISO A: Transmit (802.11n-20BW_7.2Mbps)

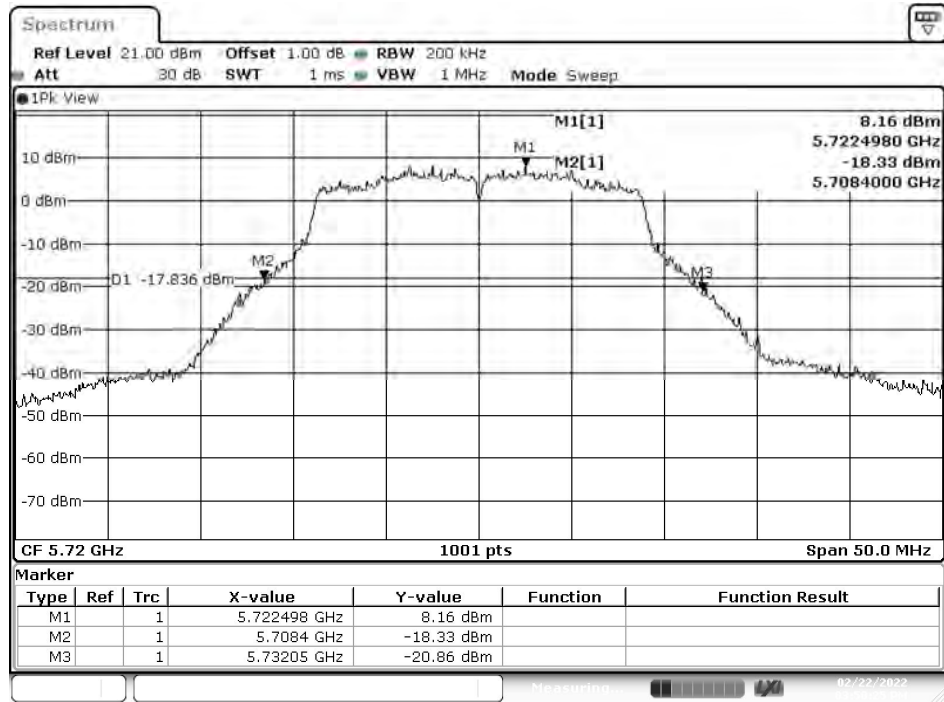
Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate							
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7
		Measurement Level (dBm)							
36	5180	17.26	--	--	--	--	--	--	--
44	5220	17.21	17.13	17.05	16.98	16.9	16.84	16.74	16.7
48	5240	17.15	--	--	--	--	--	--	--
52	5260	17.08	--	--	--	--	--	--	--
60	5300	17.07	16.97	16.92	16.85	16.77	16.72	16.67	16.58
64	5320	17.27	--	--	--	--	--	--	--
100	5500	17.26	--	--	--	--	--	--	--
116	5580	17.41	17.36	17.32	17.24	17.17	17.1	17.07	16.99
140	5700	17.36	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.64	16.55	16.48	16.44	16.38	16.35	16.32	16.24
144(U-NII-3)	5720	9.21	9.16	9.07	9.01	8.98	8.94	8.91	8.86
149	5745	17.15	--	--	--	--	--	--	--
157	5785	17.27	17.19	17.14	17.11	17.04	17.01	16.95	16.86
165	5825	17.31	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

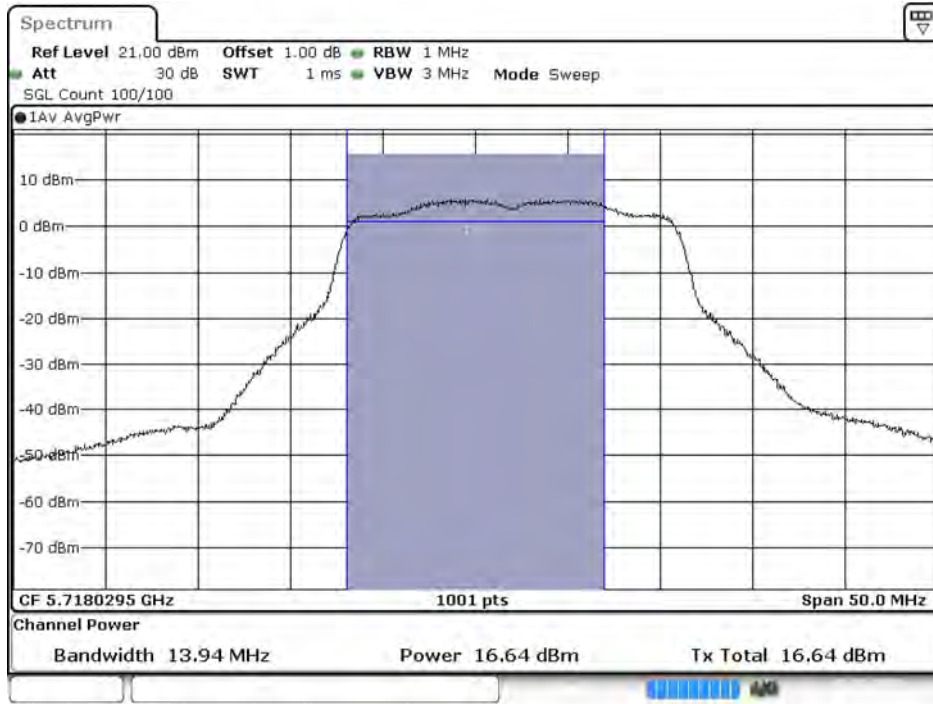
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.26	24	--	Pass
44	5220	--	17.21	24	--	Pass
48	5240	--	17.15	24	--	Pass
52	5260	23.35	17.08	24	24.68	Pass
60	5300	23.20	17.07	24	24.65	Pass
64	5320	23.25	17.27	24	24.66	Pass
100	5500	23.15	17.26	24	24.65	Pass
116	5580	23.25	17.41	24	24.66	Pass
140	5700	23.15	17.36	24	24.65	Pass
144(U-NII-2C)	5720	16.60	16.64	24	23.20	Pass
144(U-NII-3)	5720	--	9.21	30	--	Pass
149	5745	--	17.15	30	--	Pass
157	5785	--	17.27	30	--	Pass
165	5825	--	17.31	30	--	Pass

26dB Occupied Bandwidth: Channel 144



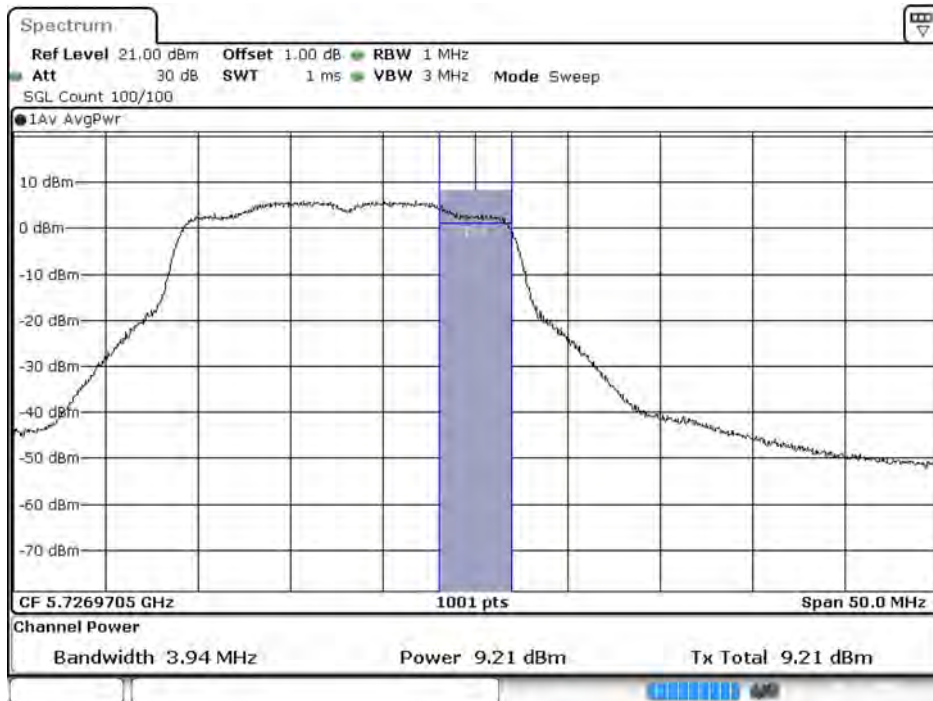
Date: 22.FEB.2022 15:50:25

**Maximum conducted output power:
Channel 144 (U-NII-2C)**



Date: 22.FEB.2022 15:50:49

**Maximum conducted output power:
Channel 144 (U-NII-3)**



Date: 22.FEB.2022 15:51:13

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 3 SISO A: Transmit (802.11n-40BW_15Mbps)

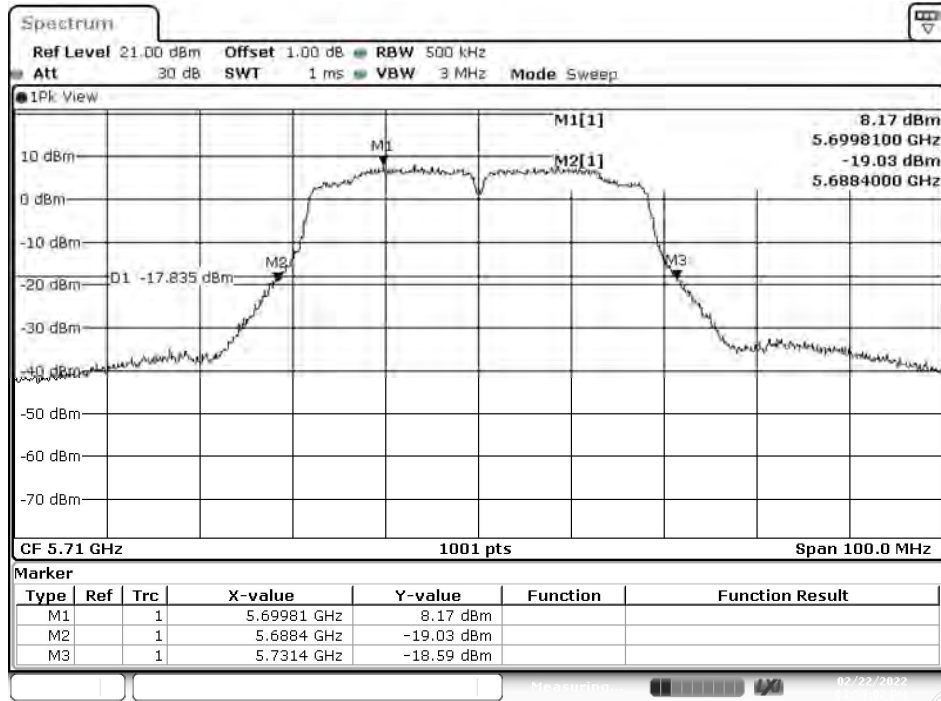
Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate							HT6	HT7
		HT0	HT1	HT2	HT3	HT4	HT5			
		Measurement Level (dBm)								
38	5190	17.31	--	--	--	--	--	--	--	
46	5230	17.36	17.3	17.22	17.15	17.05	16.95	16.91	16.86	
54	5270	17.22	--	--	--	--	--	--	--	
62	5310	17.26	17.19	17.11	17.01	16.94	16.87	16.82	16.79	
102	5510	17.28	--	--	--	--	--	--	--	
110	5550	17.42	17.37	17.27	17.21	17.11	17.06	16.96	16.93	
134	5670	17.33	--	--	--	--	--	--	--	
142(U-NII-2C)	5710	17.06	16.97	16.88	16.79	16.76	16.72	16.69	16.63	
142(U-NII-3)	5710	4.3	4.22	4.16	4.13	4.03	4	3.93	3.89	
151	5755	17.23	--	--	--	--	--	--	--	
159	5795	17.32	17.26	17.23	17.19	17.1	17.01	16.98	16.95	

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

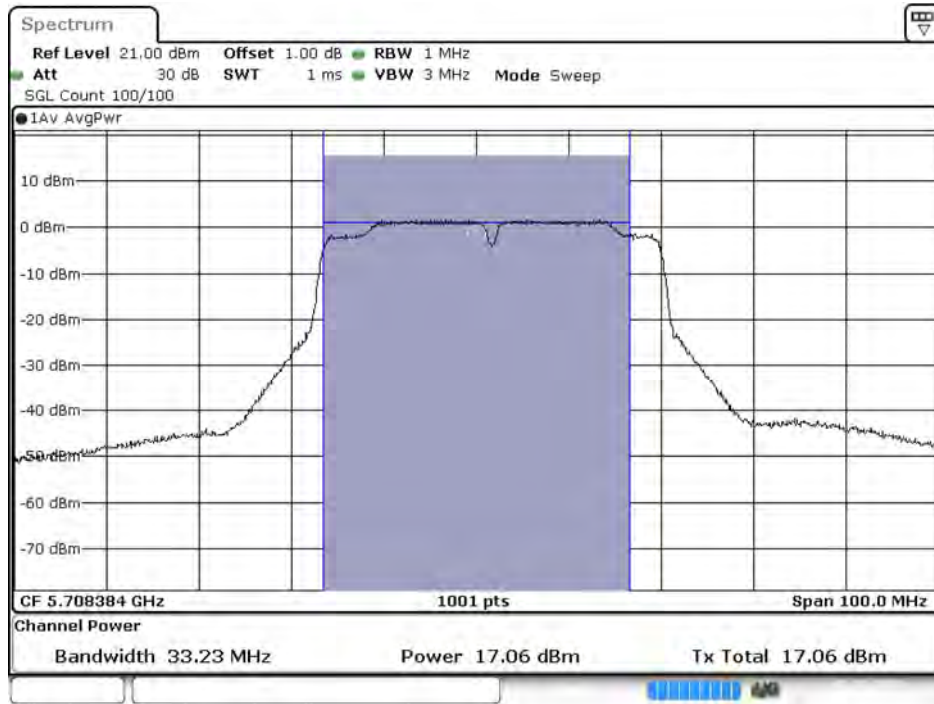
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38	5190	--	17.31	24	--	Pass
46	5230	--	17.36	24	--	Pass
54	5270	43.40	17.22	24	27.37	Pass
62	5310	43.20	17.26	24	27.35	Pass
102	5510	43.30	17.28	24	27.36	Pass
110	5550	42.70	17.42	24	27.30	Pass
134	5670	43.00	17.33	24	27.33	Pass
142(U-NII-2C)	5710	36.60	17.06	24	26.63	Pass
142(U-NII-3)	5710	--	4.30	30	--	Pass
151	5755	--	17.23	30	--	Pass
159	5795	--	17.32	30	--	Pass

26dB Occupied Bandwidth: Channel 142



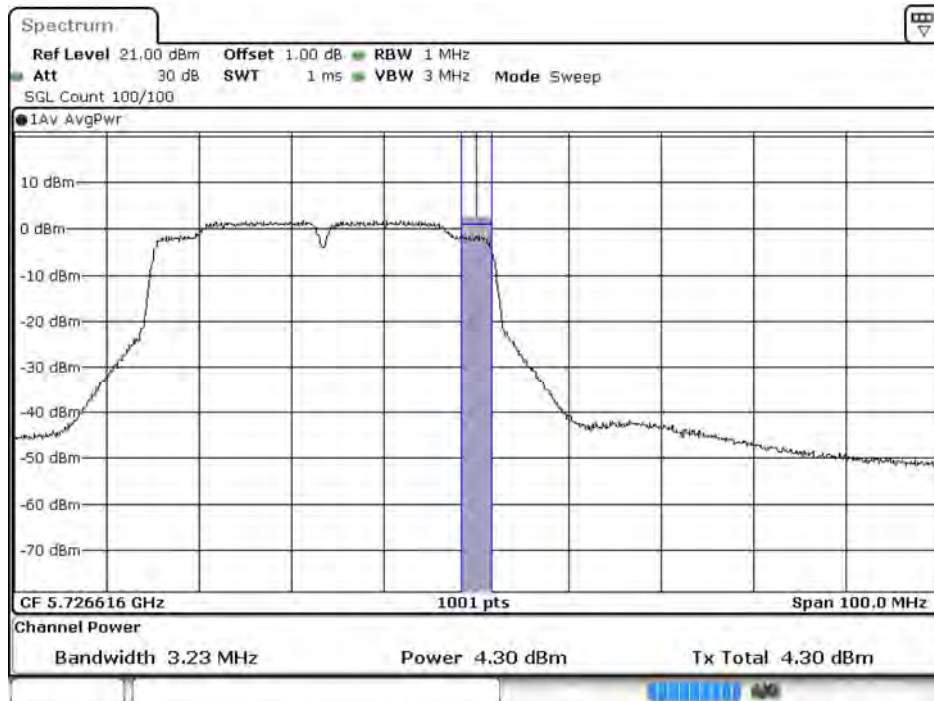
Date: 22.FEB.2022 15:55:02

**Maximum conducted output power:
Channel 142 (U-NII-2C)**



Date: 22.FEB.2022 15:55:24

**Maximum conducted output power:
Channel 142 (U-NII-3)**



Date: 22.FEB.2022 15:55:48

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 4 SISO A: Transmit (802.11ac-80BW_32.5Mbps)

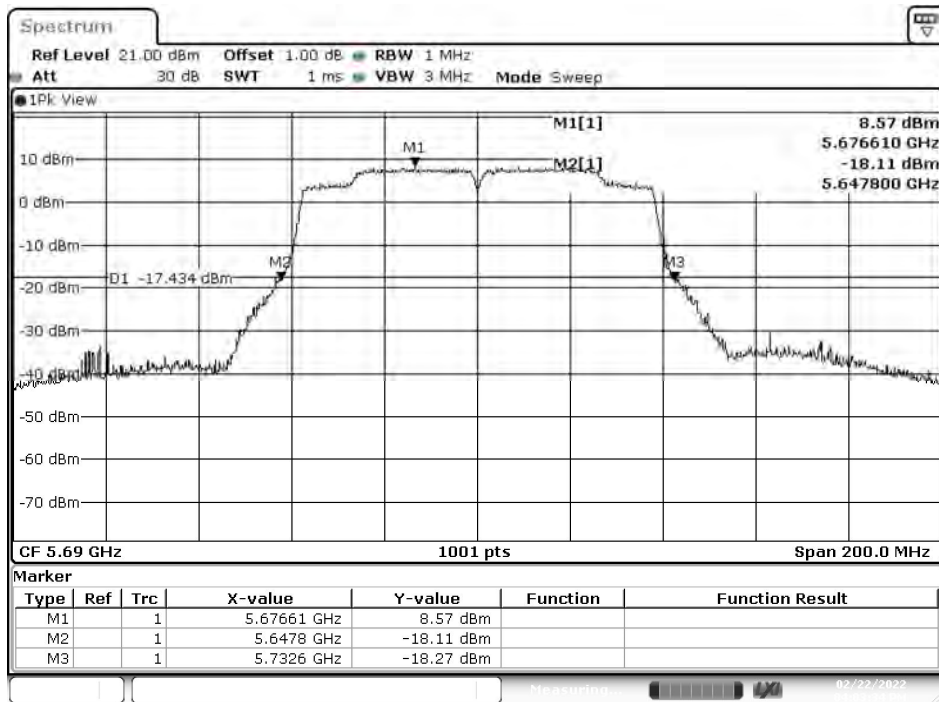
Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
42	5210	17.39	17.29	17.25	17.22	17.12	17.04	16.98	16.88	16.85	16.79
58	5290	17.38	17.35	17.3	17.2	17.17	17.09	16.99	16.92	16.82	16.78
106	5530	17.19	--	--	--	--	--	--	--	--	--
122	5610	17.23	17.2	17.17	17.14	17.11	17.03	16.97	16.91	16.81	16.76
138(U-NII-2C)	5690	17.23	--	--	--	--	--	--	--	--	--
138(U-NII-3)	5690	-0.24	--	--	--	--	--	--	--	--	--
155	5775	17.26	17.17	17.1	17.02	16.96	16.93	16.87	16.81	16.78	16.7

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

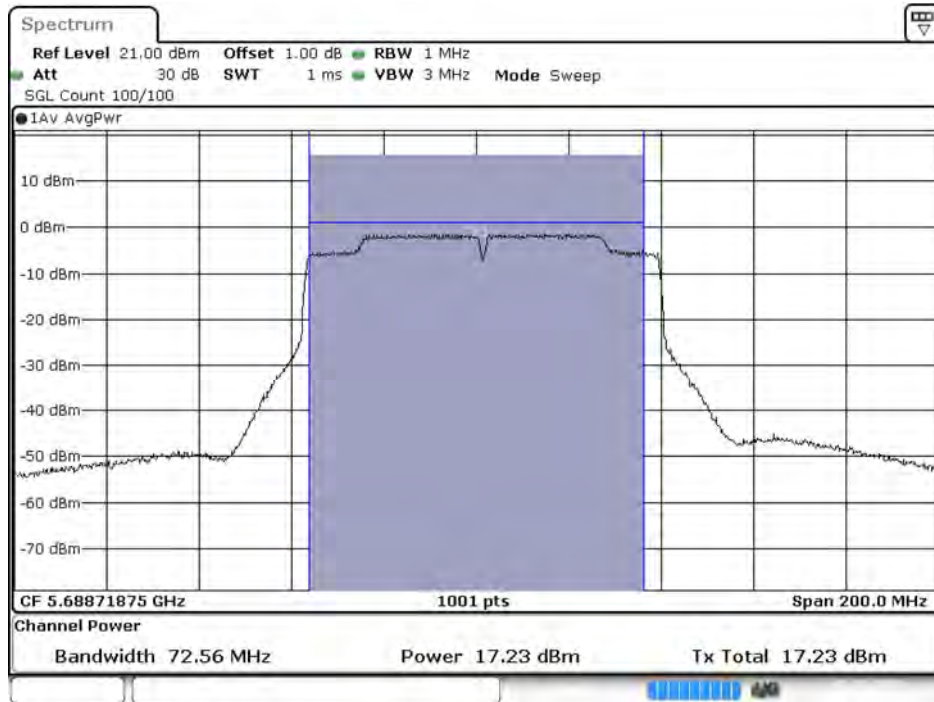
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	17.39	24	--	Pass
58	5290	86.60	17.38	24	30.38	Pass
106	5530	85.40	17.19	24	30.31	Pass
122	5610	85.00	17.23	24	30.29	Pass
138(U-NII-2C)	5690	77.20	17.23	24	29.88	Pass
138(U-NII-3)	5690	--	-0.24	30	--	Pass
155	5775	--	17.26	30	--	Pass

26dB Occupied Bandwidth: Channel 138



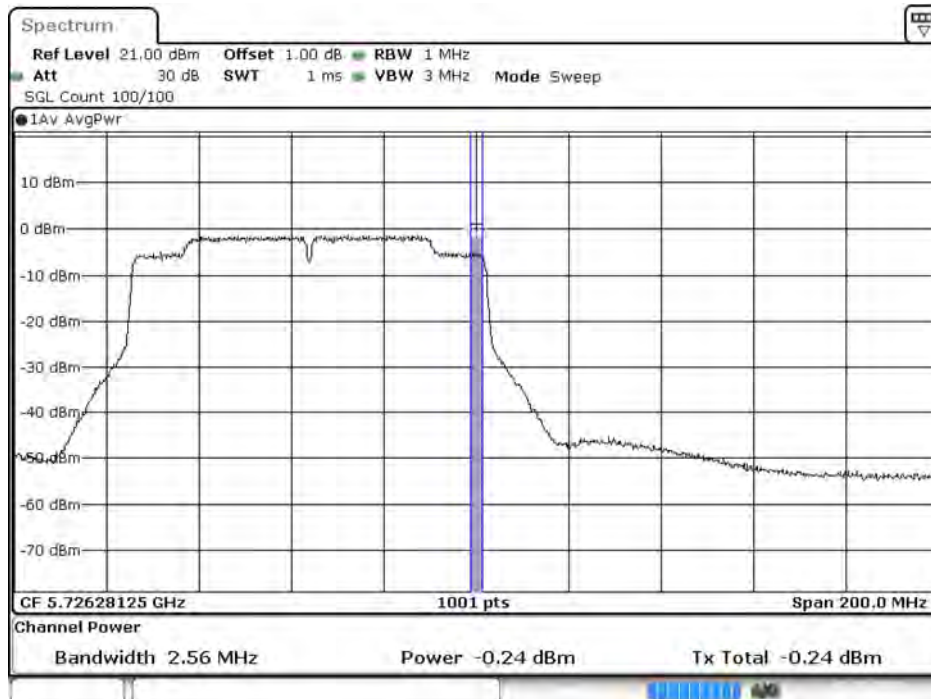
Date: 22.FEB.2022 16:03:34

**Maximum conducted output power:
Channel 138 (U-NII-2C)**



Date: 22.FEB.2022 16:03:57

**Maximum conducted output power:
Channel 138 (U-NII-3)**



Date: 22.FEB.2022 16:04:20

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 5 SISO A: Transmit (802.11ac-160BW_65Mbps)

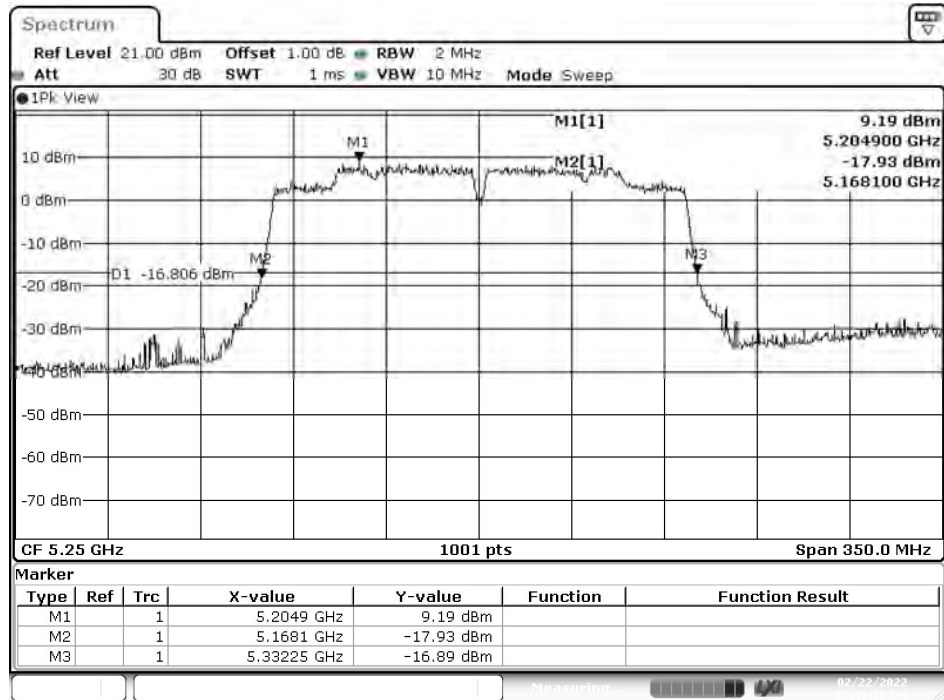
Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
50 (U-NII-1)	5250	12.36	12.33	12.26	12.18	12.1	12.01	11.91	11.86	11.82	11.77
50 (U-NII-2A)	5250	12.27	12.2	12.1	12.06	11.99	11.92	11.87	11.77	11.74	11.69
114	5570	15.41	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50 (U-NII-1)	5250	--	12.36	24	--	Pass
50 (U-NII-2A)	5250	82.25	12.27	24	30.15	Pass
114	5570	164.85	15.41	24	33.17	Pass

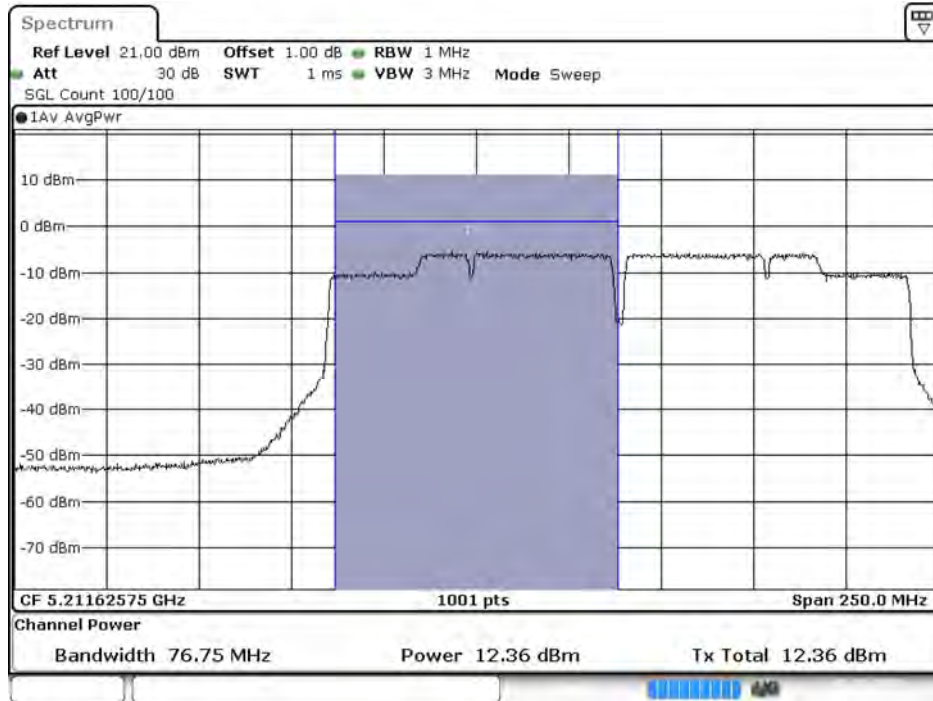
**26dB Occupied Bandwidth:
Channel 50**



Date: 22.FEB.2022 15:46:26

Maximum conducted output power:

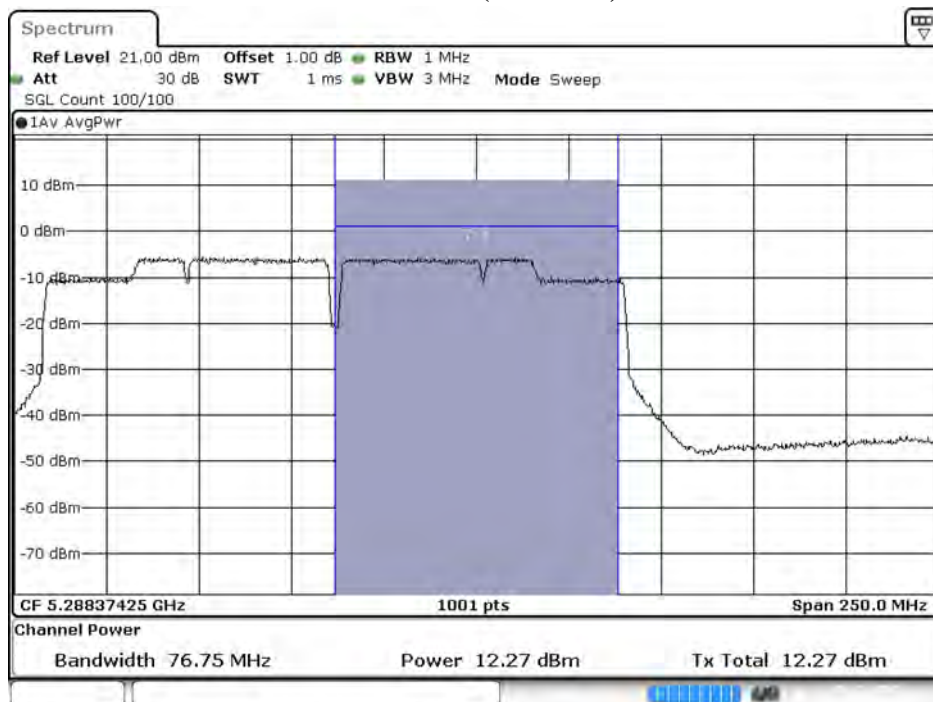
Channel 50 (U-NII-1)



Date: 22.FEB.2022 15:46:49

Maximum conducted output power:

Channel 50 (U-NII-2A)



Date: 22.FEB.2022 15:47:12

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 6: SISO A: Transmit (802.11ax-20BW_8.6Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level											
36	5180	17.25	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.24	17.21	17.15	17.11	17.03	16.98	16.9	16.83	16.79	16.69	16.66	16.62
48	5240	17.17	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.15	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.16	17.08	17	16.95	16.88	16.8	16.72	16.67	16.58	16.54	16.44	16.4
64	5320	17.14	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.16	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.26	17.16	17.08	17.02	16.98	16.95	16.86	16.78	16.75	16.67	16.59	16.49
140	5700	17.25	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.38	16.33	16.29	16.23	16.14	16.05	15.97	15.88	15.78	15.72	15.68	15.64
144(U-NII-3)	5720	9.3	9.27	9.2	9.13	9.06	8.97	8.91	8.82	8.76	8.67	8.57	8.49
149	5745	17.24	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.28	17.2	17.17	17.1	17.01	16.98	16.9	16.83	16.74	16.67	16.58	16.52
165	5825	17.27	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.25	24	--	Pass
44	5220	--	17.24	24	--	Pass
48	5240	--	17.17	24	--	Pass
52	5260	23.55	17.15	24	24.72	Pass
60	5300	23.55	17.16	24	24.72	Pass
64	5320	23.20	17.14	24	24.65	Pass
100	5500	22.55	17.16	24	24.53	Pass
116	5580	23.40	17.26	24	24.69	Pass
140	5700	22.80	17.25	24	24.58	Pass
144(U-NII-2C)	5720	17.35	16.38	24	23.39	Pass
144(U-NII-3)	5720	--	9.30	30	--	Pass
149	5745	--	17.24	30	--	Pass
157	5785	--	17.28	30	--	Pass
165	5825	--	17.27	30	--	Pass

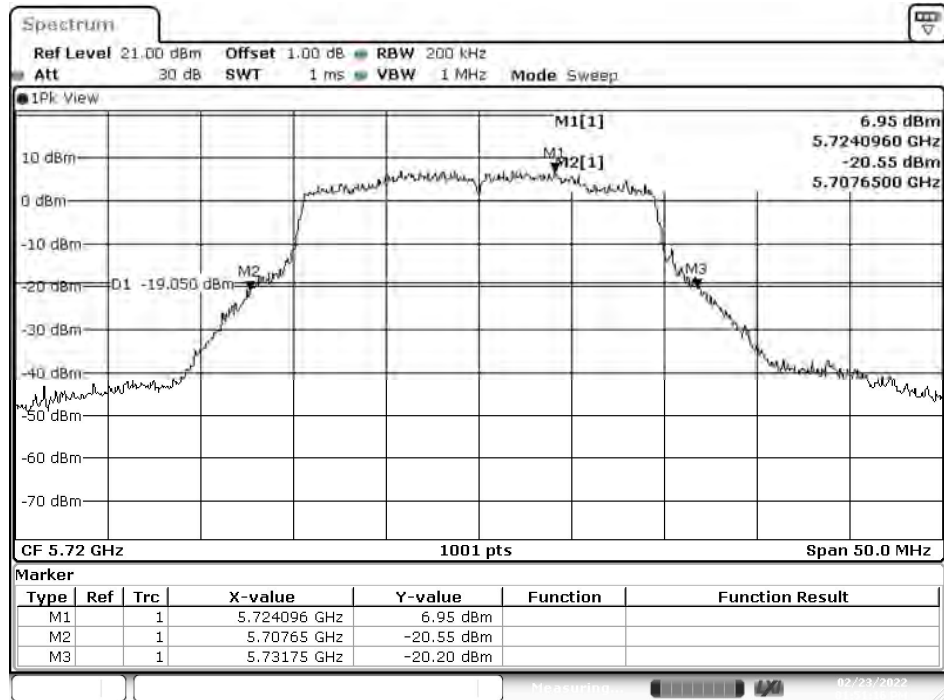
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Lim
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
36/5180	26-0	13.21	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52-37	16.56	16.51	16.44	16.40	16.36	16.30	16.24	16.19	16.14	16.09	16.04	15.97	<24dBm	
	106-53	17.02	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
64/5320	26-8	13.53	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52-40	16.51	16.46	16.43	16.39	16.35	16.29	16.26	16.21	16.17	16.11	16.05	16.01	<24dBm	
	106-54	16.75	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
100/5500	26-0	13.53	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52-37	16.49	16.44	16.37	16.32	16.29	16.26	16.23	16.17	16.14	16.10	16.05	16.00	<24dBm	
	106-53	17.05	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
140/5700	26-8	13.44	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52-40	16.39	16.34	16.30	16.26	16.23	16.16	16.11	16.05	16.01	15.97	15.92	15.87	<24dBm	
	106-54	17.15	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
149/5745	26-0	15.05	--	--	--	--	--	--	--	--	--	--	--	<30dBm	
	52-37	17.11	17.07	17.03	16.97	16.92	16.87	16.82	16.79	16.75	16.72	16.68	16.62	<30dBm	
	106-53	17.05	--	--	--	--	--	--	--	--	--	--	--	<30dBm	

Maximum conducted output power Measurement:

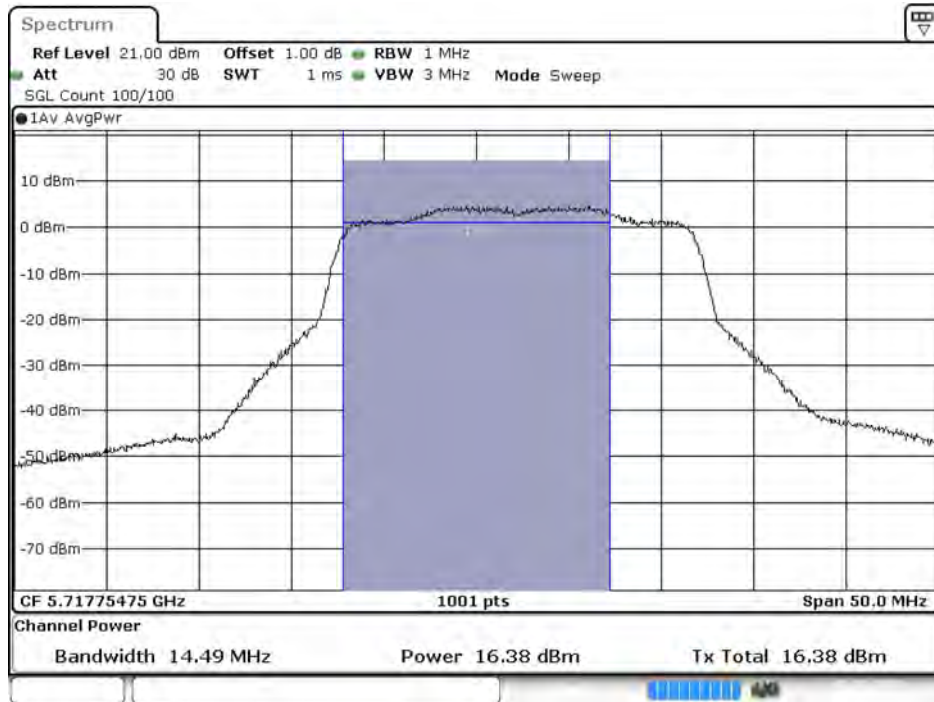
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36/5180	26/0	--	13.21	24	--	Pass
	52/37	--	16.56	24	--	Pass
	106/53	--	17.02	24	--	Pass
64/5320	26/8	20.570	13.53	24	24.13	Pass
	52/40	22.020	16.51	24	24.43	Pass
	106/54	23.030	16.75	24	24.62	Pass
100/5500	26/8	20.520	13.53	24	24.12	Pass
	52/40	21.520	16.49	24	24.33	Pass
	106/54	22.220	17.05	24	24.47	Pass
140/5700	26/8	20.920	13.44	24	24.21	Pass
	52/40	22.120	16.39	24	24.45	Pass
	106/54	22.920	17.15	24	24.60	Pass
149/5745	26/0	--	15.05	30	--	Pass
	52/37	--	17.11	30	--	Pass
	106/53	--	17.05	30	--	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 144



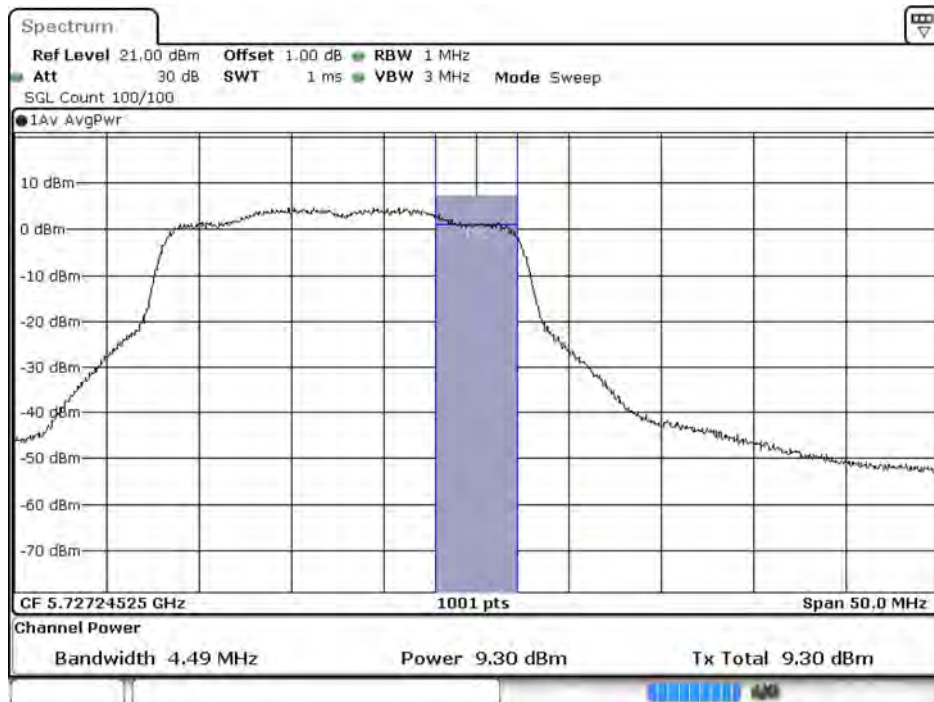
Date: 23.FEB.2022 13:51:17

RU config: Full
Maximum conducted output power:
Channel 144 (U-NII-2C)



Date: 23.FEB.2022 13:51:41

Maximum conducted output power:
Channel 144 (U-NII-3)



Date: 23.FEB.2022 13:52:04

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 7: SISO A: Transmit (802.11ax-40BW_17.2Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
38	5190	17.26	--	--	--	--	--	--	--	--	--	--	--
46	5230	17.19	17.13	17.04	16.98	16.94	16.85	16.76	16.7	16.63	16.58	16.55	16.48
54	5270	17.21	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.36	17.3	17.21	17.17	17.11	17.02	16.95	16.89	16.84	16.78	16.73	16.65
102	5510	17.24	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.33	17.23	17.14	17.05	17.02	16.98	16.89	16.84	16.81	16.73	16.67	16.57
134	5670	17.39	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.01	16.97	16.94	16.85	16.78	16.75	16.68	16.61	16.57	16.53	16.45	16.36
142(U-NII-3)	5710	5.06	4.99	4.94	4.91	4.85	4.8	4.74	4.65	4.61	4.54	4.47	4.44
151	5755	17.34	--	--	--	--	--	--	--	--	--	--	--
159	5795	17.26	17.17	17.08	17	16.9	16.82	16.76	16.67	16.58	16.5	16.41	16.34

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38	5190	--	17.26	24	--	Pass
46	5230	--	17.19	24	--	Pass
54	5270	42.00	17.21	24	27.23	Pass
62	5310	43.10	17.36	24	27.34	Pass
102	5510	42.50	17.24	24	27.28	Pass
110	5550	42.90	17.33	24	27.32	Pass
134	5670	42.20	17.39	24	27.25	Pass
142(U-NII-2C)	5710	36.50	10.69	24	26.62	Pass
142(U-NII-3)	5710	5.80	-1.14	30	18.63	Pass
151	5755	--	17.34	30	--	Pass
159	5795	--	17.26	30	--	Pass

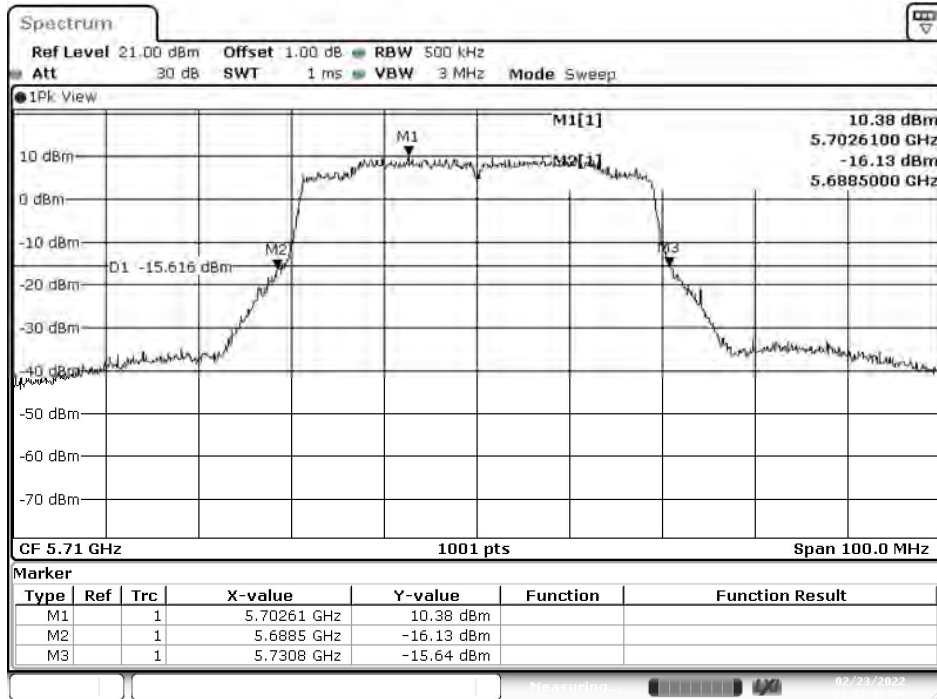
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limi
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
38 / 5190	242-61	17.02	--	--	--	--	--	--	--	--	--	--	--	--	<24dBm
62 / 5310	242-62	17.11	17.05	17.01	16.96	16.91	16.85	16.81	16.77	16.71	16.68	16.64	16.59	<24dBm	
102 / 5510	242-61	17.08	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
134 / 5670	242-62	17.25	17.20	17.15	17.12	17.07	17.02	16.96	16.90	16.86	16.80	16.74	16.67	<24dBm	
151 / 5755	242-61	17.05	--	--	--	--	--	--	--	--	--	--	--	<24dBm	

Maximum conducted output power Measurement:

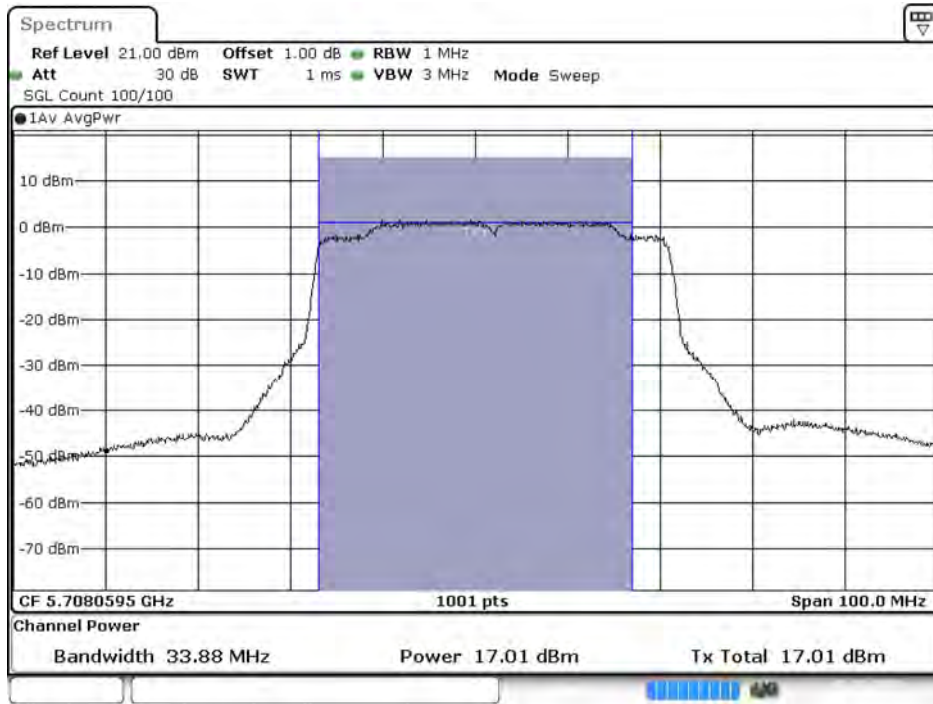
Channel No /Frequency Range(MHz)	RU setting	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38 / 5190	242-61	--	17.02	24	--	Pass
62 / 5310	242-62	25.230	17.11	24	25.02	Pass
102 / 5510	242-61	25.050	17.08	24	24.99	Pass
134 / 5670	242-62	25.120	17.25	24	25.00	Pass
151 / 5755	242-61	--	17.05	30	--	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 142



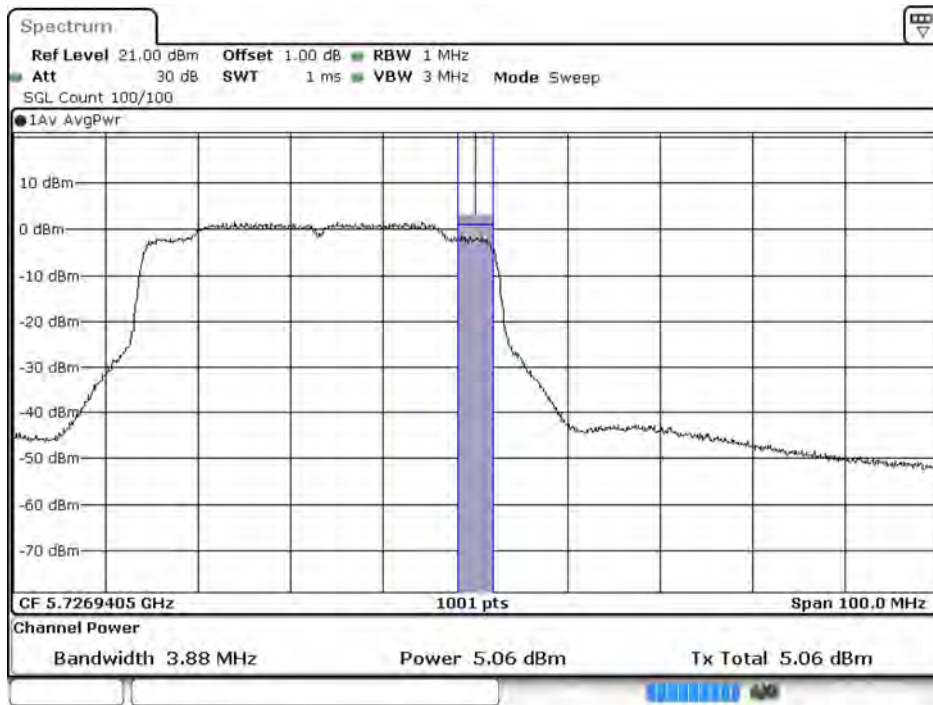
Date: 23.FEB.2022 13:53:44

RU config: Full
Maximum conducted output power:
Channel 142 (U-NII-2C)



Date: 23.FEB.2022 13:54:07

Maximum conducted output power:
Channel 142 (U-NII-3)



Date: 23.FEB.2022 13:54:30

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 8: SISO A: Transmit (802.11ax-80BW_36Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	17.38	--	--	--	--	--	--	--	--	--	--	--
58	5290	17.37	17.28	17.22	17.12	17.07	17.03	16.94	16.84	16.74	16.64	16.59	16.5
106	5530	17.11	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.21	17.13	17.09	17.05	16.95	16.88	16.83	16.74	16.67	16.59	16.51	16.45
138(U-NII-2C)	5690	17.17	17.1	17.05	16.95	16.85	16.79	16.75	16.7	16.66	16.63	16.57	16.52
138(U-NII-3)	5690	0.62	0.57	0.53	0.44	0.36	0.3	0.24	0.2	0.1	0.01	-0.09	-0.17
155	5775	17.18	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	17.38	24	--	Pass
58	5290	84.00	17.37	24	30.24	Pass
106	5530	83.80	17.11	24	30.23	Pass
122	5610	84.00	17.21	24	30.24	Pass
138(U-NII-2C)	5690	77.00	17.17	24	29.86	Pass
138(U-NII-3)	5690	--	0.62	30	--	Pass
155	5775	--	17.18	30	--	Pass

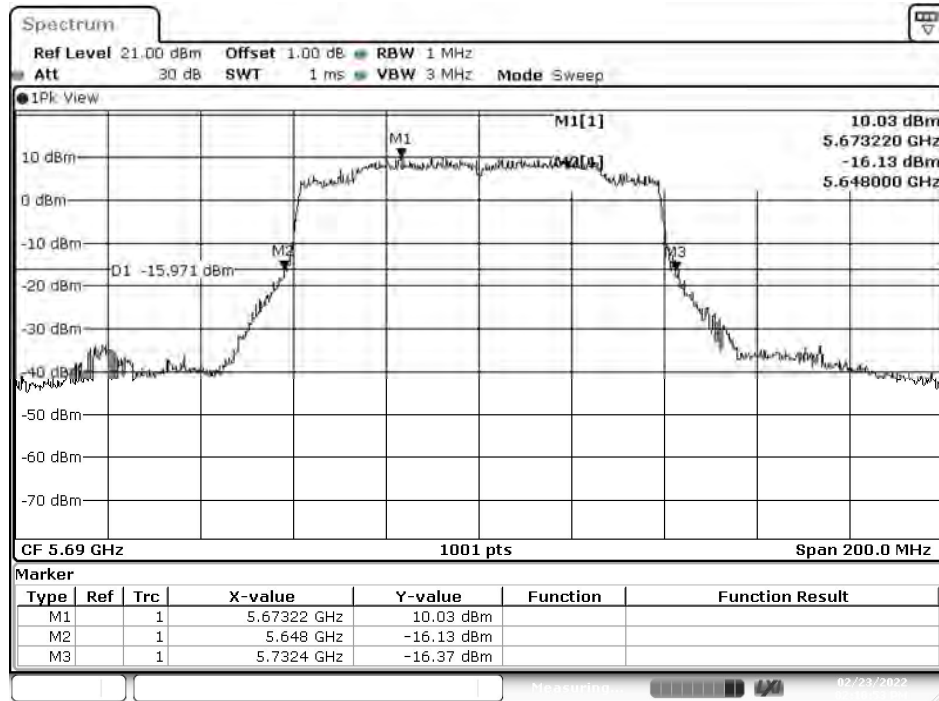
RU config: Other

Channel No / Frequency Range(MHz)	RU setting	Maximum Conducted Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
42/5210	484-65	17.25	17.21	17.16	17.12	17.06	16.99	16.92	16.86	16.81	16.74	16.68	16.63	<24dBm	
58/5290	484-66	16.94	16.90	16.84	16.77	16.72	16.67	16.61	16.56	16.52	16.49	16.44	16.37	<24dBm	
106/5530	484-65	17.02	16.97	16.92	16.86	16.81	16.75	16.71	16.68	16.63	16.58	16.54	16.50	<24dBm	
155/5775	484-65	17.11	17.06	17.03	16.99	16.95	16.90	16.87	16.83	16.77	16.71	16.67	16.62	<30dBm	

Maximum conducted output power Measurement:

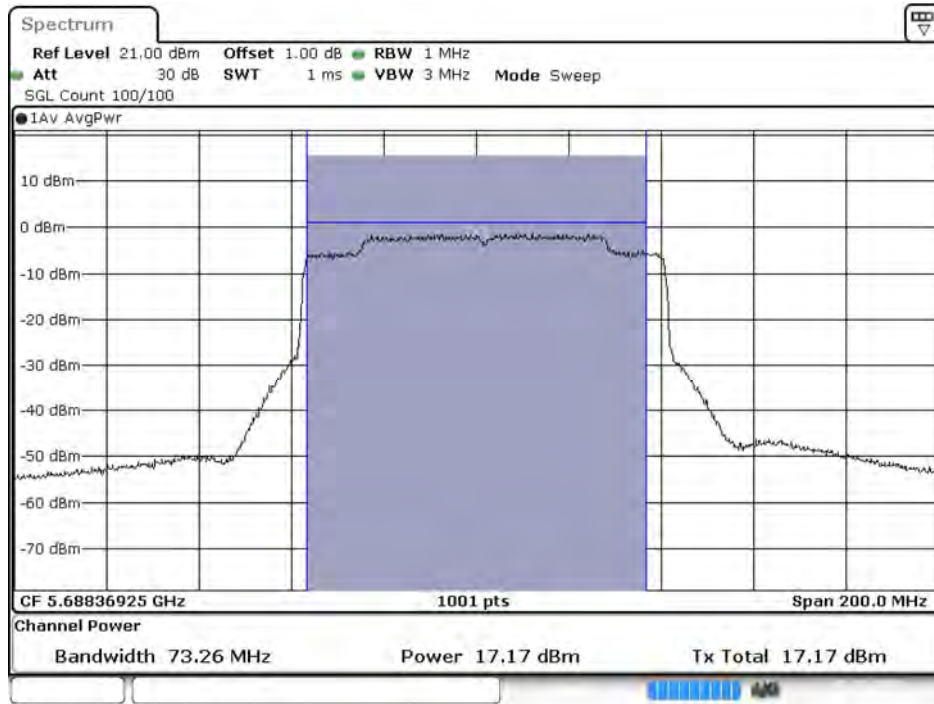
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42/5210	484/65	--	17.25	24	--	Pass
58/5290	484/66	44.500	16.94	24	27.48	Pass
106/5530	484-65	44.120	17.02	24	27.45	Pass
155/5775	484-65	--	17.11	30	--	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 138



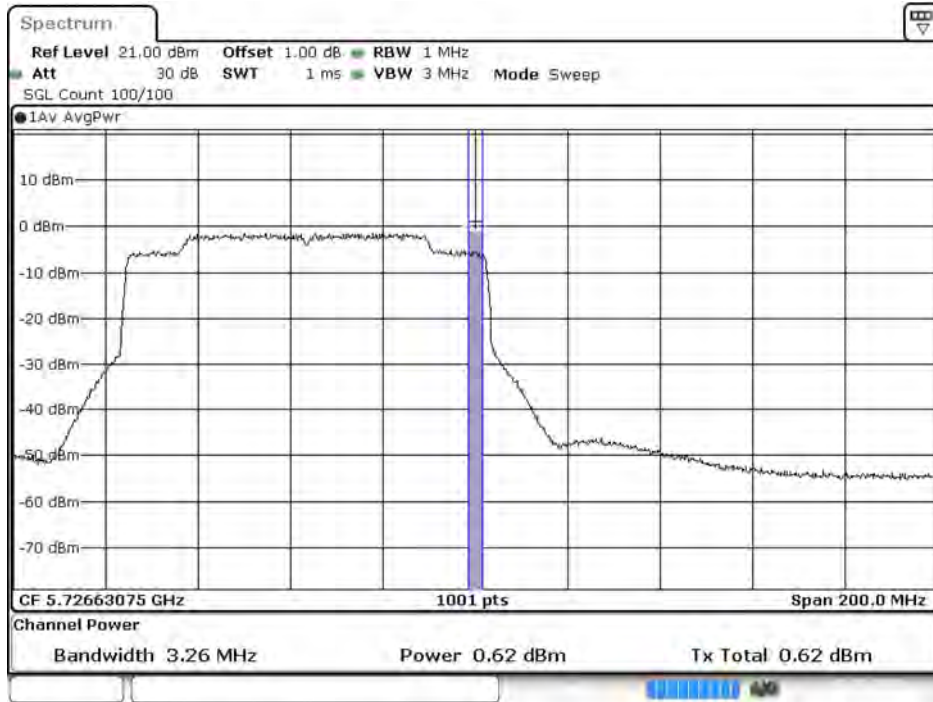
Date: 23.FEB.2022 14:10:52

RU config: Full
Maximum conducted output power:
Channel 138 (U-NII-2C)



Date: 23.FEB.2022 14:11:16

Maximum conducted output power:
Channel 138 (U-NII-3)



Date: 23.FEB.2022 14:11:40

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 9: SISO A: Transmit (802.11ax-160BW_72.1Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50(U-NII-1)	5250	11.91	11.82	11.77	11.74	11.64	11.59	11.5	11.45	11.42	11.37	11.28	11.25
50(U-NII-2A)	5250	11.84	11.78	11.7	11.65	11.58	11.5	11.45	11.41	11.35	11.29	11.23	11.18
114	5570	14.8	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50(U-NII-1)	5250	--	11.91	24	--	Pass
50(U-NII-2A)	5250	82.60	11.84	24	21.73	Pass
114	5570	164.50	14.8	24	22.70	Pass

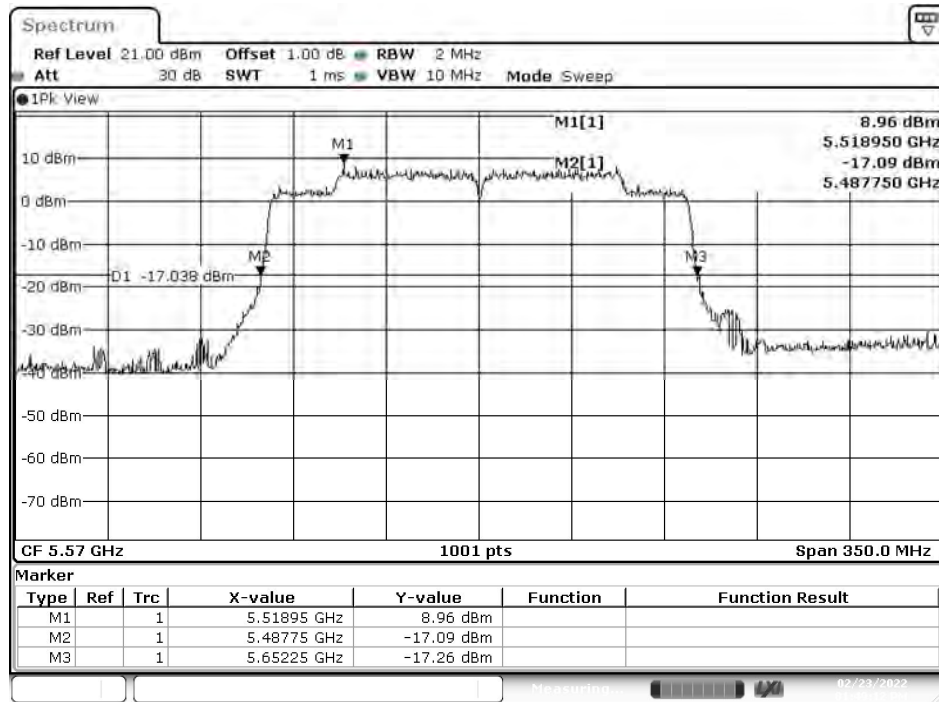
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
50/5250	996/67	12.25	12.22	12.17	12.12	12.07	12.02	11.97	11.91	11.86	11.81	11.77	11.72	<24dBm	
	996/S67	12.16	12.11	12.06	12.00	11.95	11.92	11.88	11.85	11.80	11.76	11.71	11.65	<24dBm	
144/5570	996/67	15.22	15.16	15.10	15.03	14.97	14.93	14.89	14.83	14.78	14.73	14.68	14.62	<24dBm	
	996/S67	15.16	15.10	15.03	14.98	14.95	14.92	14.89	14.85	14.82	14.77	14.74	14.68	<24dBm	

Maximum conducted output power Measurement:

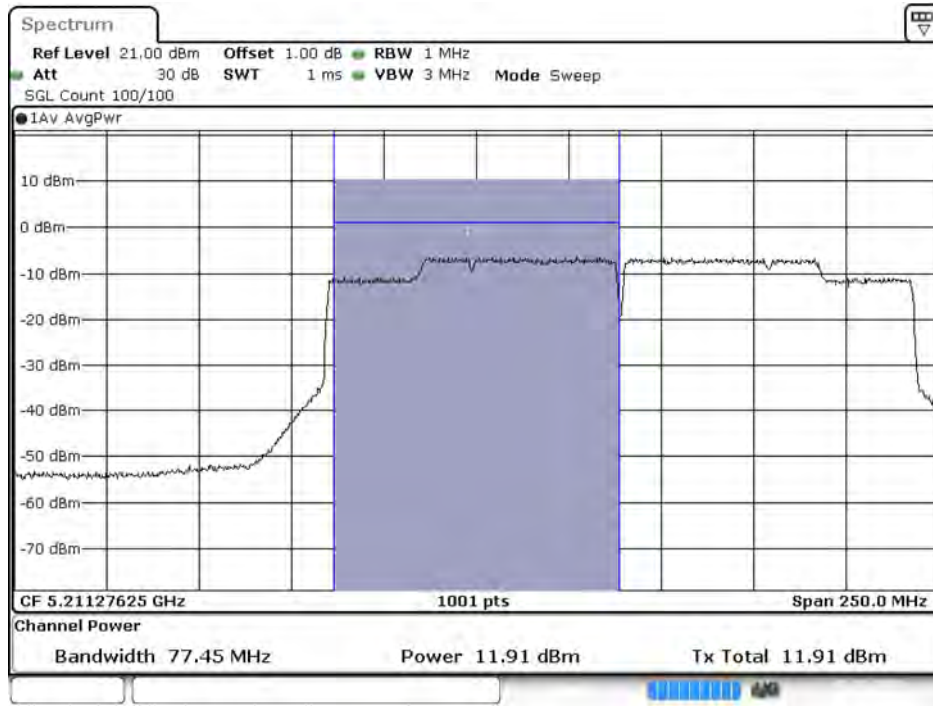
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50/5250	996/67	--	12.25	24	--	Pass
	996/S67	85.560	12.16	24	30.32	Pass
144/5570	996/67	85.560	15.22	24	30.32	Pass
	996/S67	84.690	15.16	24	30.28	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 50



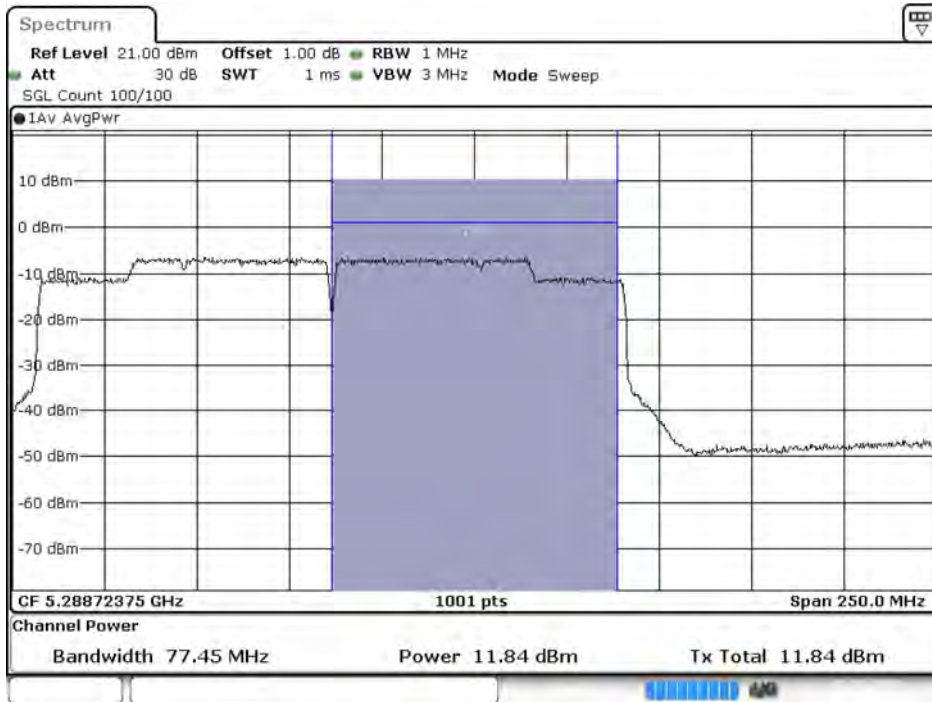
Date: 23.FEB.2022 13:49:12

RU config: Full
Maximum conducted output power:
Channel 50 (U-NII-1)



Date: 23.FEB.2022 12:06:35

Maximum conducted output power:
Channel 50 (U-NII-2A)



Date: 23.FEB.2022 12:06:58

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 10 SISO B: Transmit (802.11a_6Mbps)

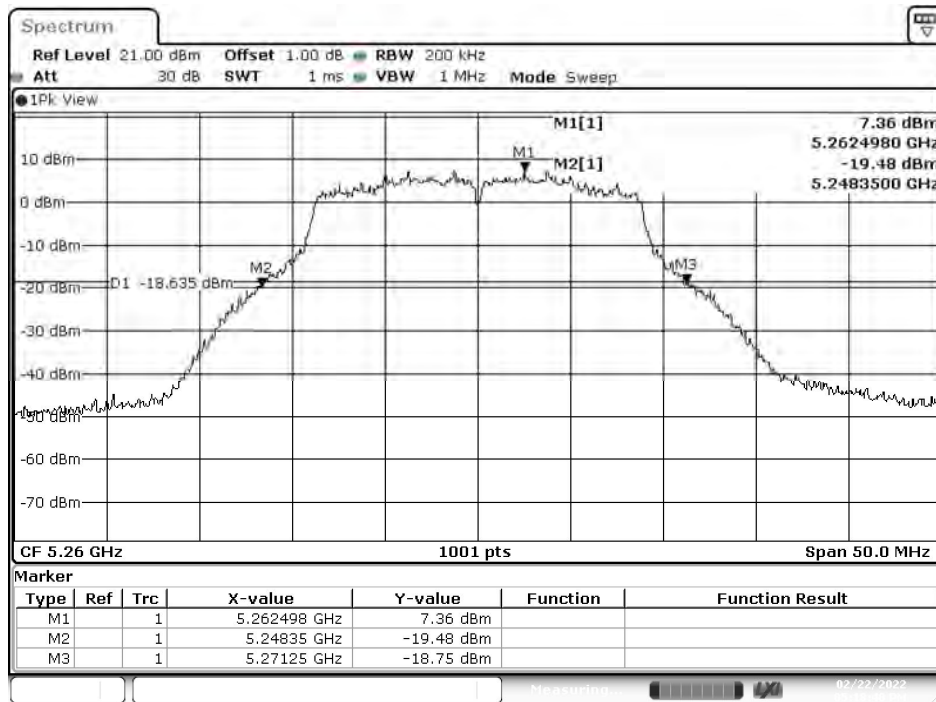
Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
		Measurement Level (dBm)							
36	5180	17.18	--	--	--	--	--	--	--
44	5220	17.26	17.2	17.11	17.04	17	16.94	16.89	16.85
48	5240	17.26	--	--	--	--	--	--	--
52	5260	17.17	--	--	--	--	--	--	--
60	5300	17.23	17.15	17.09	17.05	16.96	16.92	16.82	16.79
64	5320	17.32	--	--	--	--	--	--	--
100	5500	17.24	--	--	--	--	--	--	--
116	5580	17.15	17.08	17.02	16.98	16.88	16.79	16.69	16.62
140	5700	17.35	--	--	--	--	--	--	--
149	5745	17.23	--	--	--	--	--	--	--
157	5785	17.22	17.12	17.06	17.02	16.93	16.89	16.85	16.75
165	5825	17.32	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.18	24	--	Pass
44	5220	--	17.26	24	--	Pass
48	5240	--	17.26	24	--	Pass
52	5260	22.90	17.17	24	24.60	Pass
60	5300	23.40	17.23	24	24.69	Pass
64	5320	22.95	17.32	24	24.61	Pass
100	5500	22.85	17.24	24	24.59	Pass
116	5580	23.25	17.15	24	24.66	Pass
140	5700	24.20	17.35	24	24.84	Pass
149	5745	--	17.23	30	--	Pass
157	5785	--	17.22	30	--	Pass
165	5825	--	17.32	30	--	Pass

26dB Occupied Bandwidth: Channel 52



Date: 22.FEB.2022 17:18:41

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 11 SISO B: Transmit (802.11n-20BW_7.2Mbps)

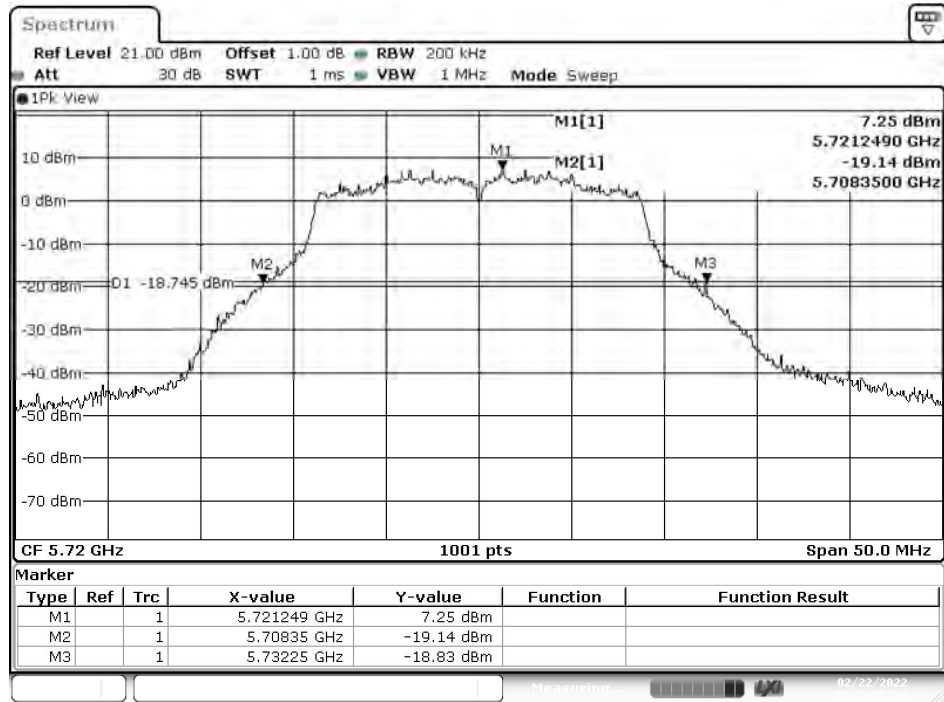
Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate							
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7
		Measurement Level (dBm)							
36	5180	17.16	--	--	--	--	--	--	--
44	5220	17.27	17.17	17.08	17.02	16.96	16.89	16.8	16.75
48	5240	17.19	--	--	--	--	--	--	--
52	5260	17.16	--	--	--	--	--	--	--
60	5300	17.15	17.1	17	16.94	16.9	16.87	16.79	16.72
64	5320	17.17	--	--	--	--	--	--	--
100	5500	17.27	--	--	--	--	--	--	--
116	5580	17.25	17.22	17.14	17.11	17.01	16.92	16.86	16.81
140	5700	17.34	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.64	16.6	16.56	16.5	16.46	16.43	16.34	16.29
144(U-NII-3)	5720	9.2	9.17	9.1	9.06	9.02	8.92	8.83	8.79
149	5745	17.36	--	--	--	--	--	--	--
157	5785	17.38	17.3	17.26	17.18	17.13	17.09	16.99	16.96
165	5825	17.42	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.16	24	--	Pass
44	5220	--	17.27	24	--	Pass
48	5240	--	17.19	24	--	Pass
52	5260	23.45	17.16	24	24.70	Pass
60	5300	22.75	17.15	24	24.57	Pass
64	5320	23.55	17.17	24	24.72	Pass
100	5500	23.00	17.27	24	24.62	Pass
116	5580	22.95	17.25	24	24.61	Pass
140	5700	23.15	17.34	24	24.65	Pass
144(U-NII-2C)	5720	16.65	16.64	24	23.21	Pass
144(U-NII-3)	5720	--	9.20	30	--	Pass
149	5745	--	17.36	30	--	Pass
157	5785	--	17.38	30	--	Pass
165	5825	--	17.42	30	--	Pass

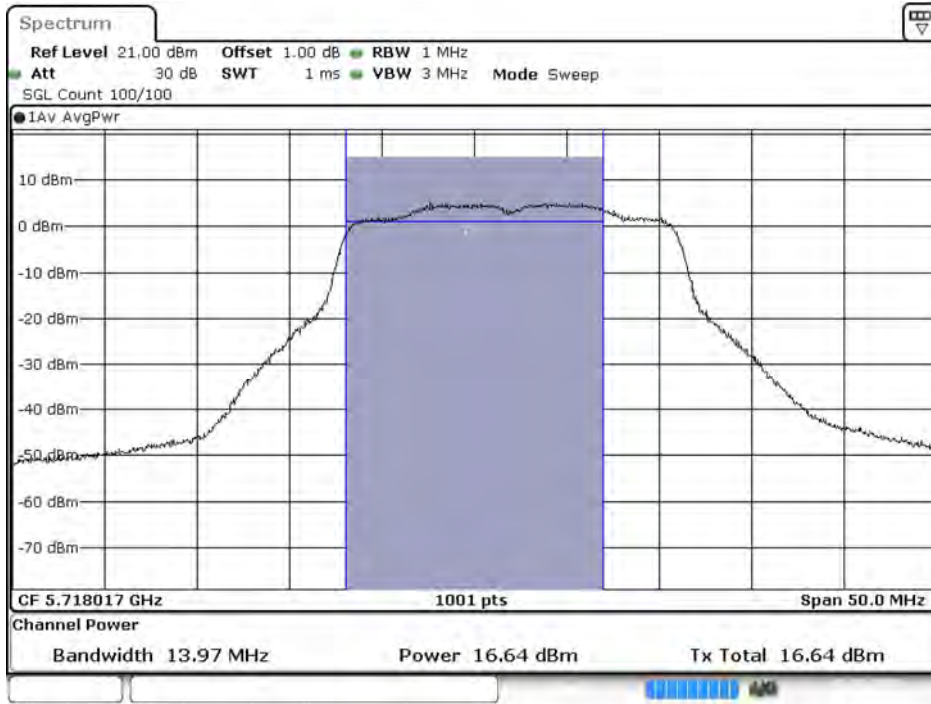
26dB Occupied Bandwidth: Channel 144



Date: 22.FEB.2022 17:33:45

Maximum conducted output power:

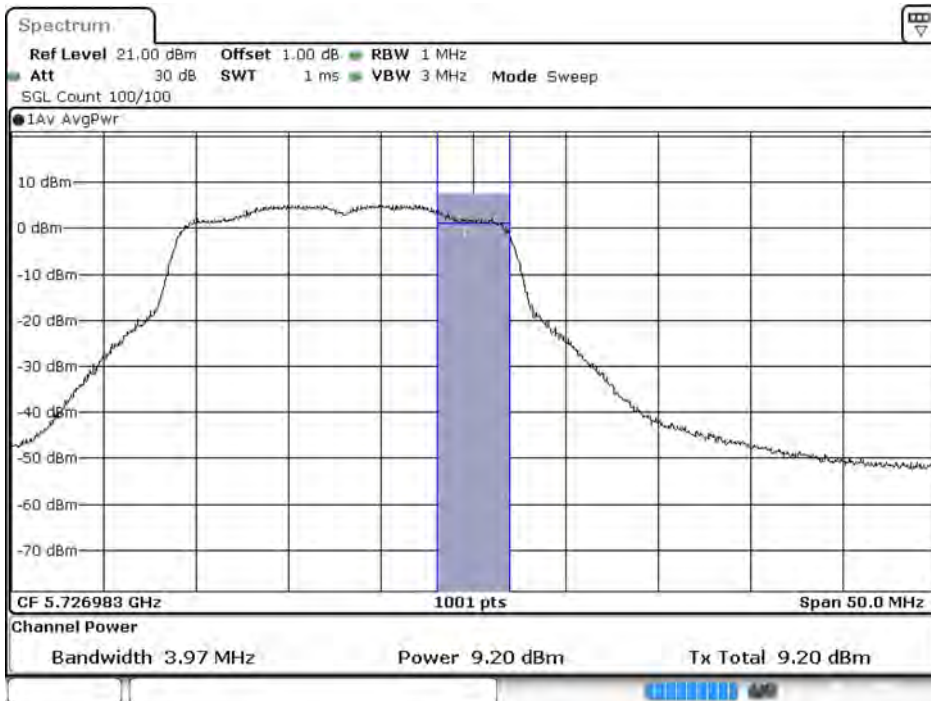
Channel 144(U-NII-2C)



Date: 22.FEB.2022 17:34:09

Maximum conducted output power:

Channel 144(U-NII-3)



Date: 22.FEB.2022 17:34:32

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 12 SISO B: Transmit (802.11n-40BW_15Mbps)

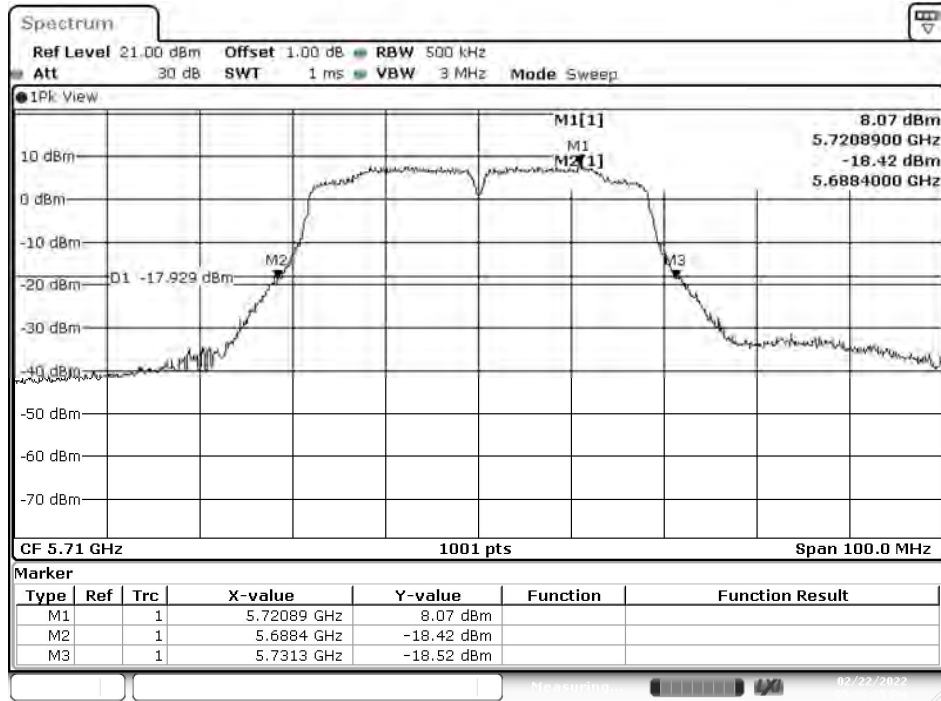
Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7
		Measurement Level							
38	5190	17.28	--	--	--	--	--	--	--
46	5230	17.32	17.24	17.21	17.17	17.08	17.03	16.93	16.85
54	5270	17.23	--	--	--	--	--	--	--
62	5310	17.19	17.15	17.11	17.01	16.95	16.89	16.82	16.79
102	5510	17.23	--	--	--	--	--	--	--
110	5550	17.18	17.14	17.05	16.98	16.95	16.92	16.84	16.81
134	5670	17.36	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.13	17.04	16.99	16.89	16.81	16.71	16.63	16.55
142(U-NII-3)	5710	4.25	4.18	4.08	4.04	4.01	3.98	3.91	3.87
151	5755	17.34	--	--	--	--	--	--	--
159	5795	17.39	17.33	17.3	17.2	17.1	17.06	17	16.9

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38	5190	--	17.28	24	--	Pass
46	5230	--	17.32	24	--	Pass
54	5270	43.20	17.23	24	27.35	Pass
62	5310	43.20	17.19	24	27.35	Pass
102	5510	44.20	17.23	24	27.45	Pass
110	5550	43.20	17.18	24	27.35	Pass
134	5670	43.40	17.36	24	27.37	Pass
142(U-NII-2C)	5710	36.60	17.13	24	26.63	Pass
142(U-NII-3)	5710	--	4.25	30	--	Pass
151	5755	--	17.34	30	--	Pass
159	5795	--	17.39	30	--	Pass

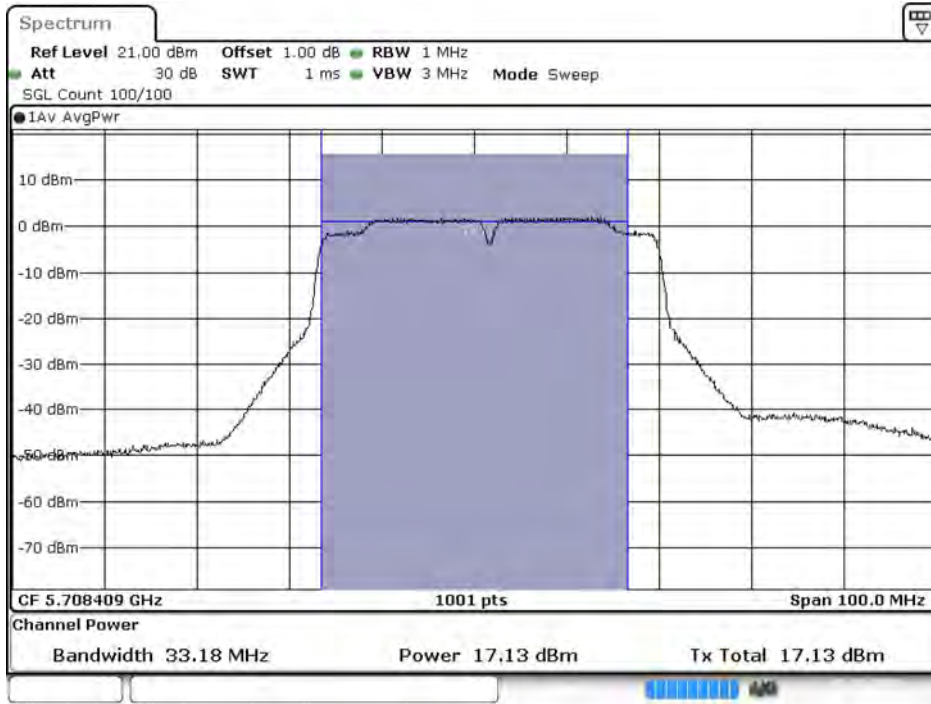
26dB Occupied Bandwidth: Channel 142



Date: 22.FEB.2022 17:36:25

Maximum conducted output power:

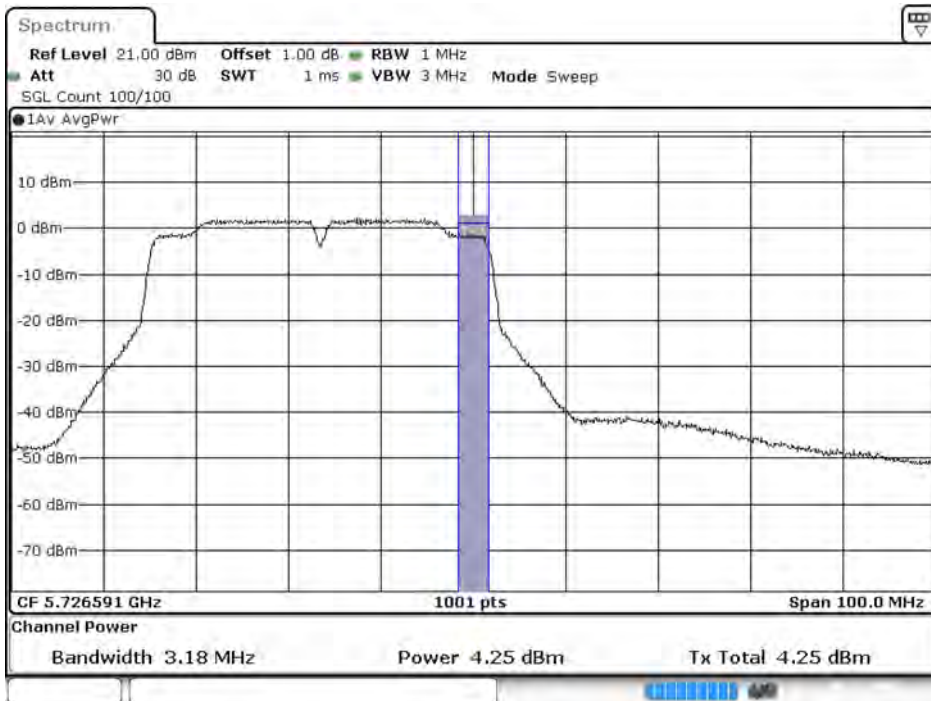
Channel 142(U-NII-2C)



Date: 22.FEB.2022 17:36:49

Maximum conducted output power:

Channel 142(U-NII-3)



Date: 22.FEB.2022 17:37:11

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 13 SISO B: Transmit (802.11ac-80BW_32.5Mbps)

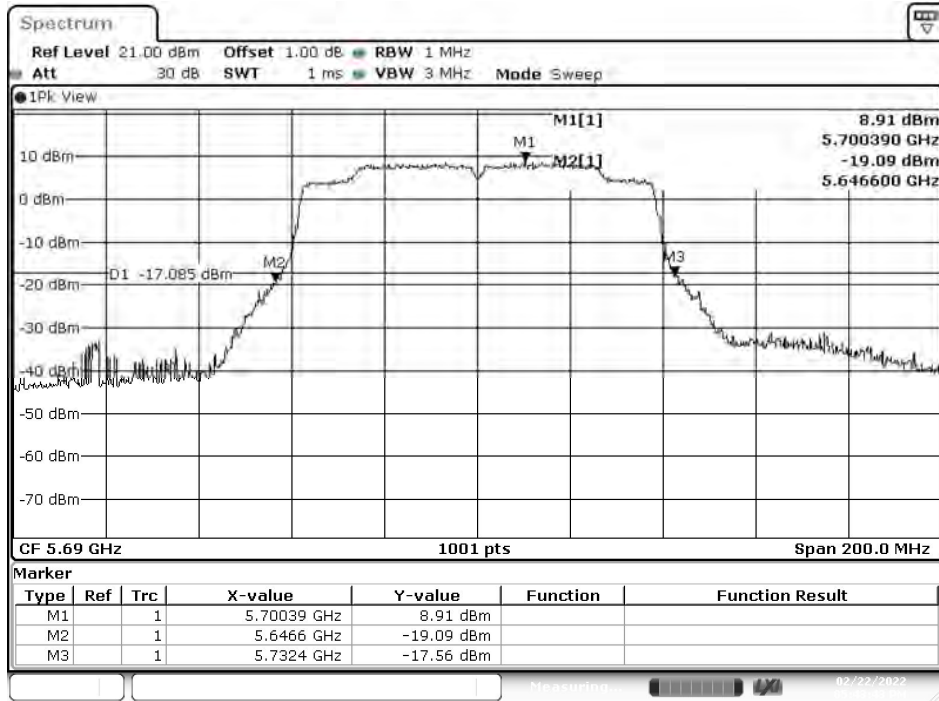
Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
42	5210	17.37	17.31	17.25	17.17	17.11	17.02	16.96	16.93	16.88	16.85
58	5290	17.23	17.18	17.15	17.05	16.95	16.91	16.84	16.8	16.74	16.7
106	5530	17.25	--	--	--	--	--	--	--	--	--
122	5610	17.24	17.21	17.16	17.12	17.03	16.94	16.85	16.78	16.69	16.59
138 (U-NII-2C)	5690	17.24	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	-0.14	--	--	--	--	--	--	--	--	--
155	5775	17.34	17.3	17.21	17.16	17.07	17	16.97	16.87	16.83	16.79

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	17.37	24	--	Pass
58	5290	86.20	17.23	24	30.36	Pass
106	5530	86.40	17.25	24	30.37	Pass
122	5610	86.00	17.24	24	30.34	Pass
138 (U-NII-2C)	5690	78.40	17.24	24	29.94	Pass
138 (U-NII-3)	5690	--	-0.14	30	--	Pass
155	5775	--	17.34	30	--	Pass

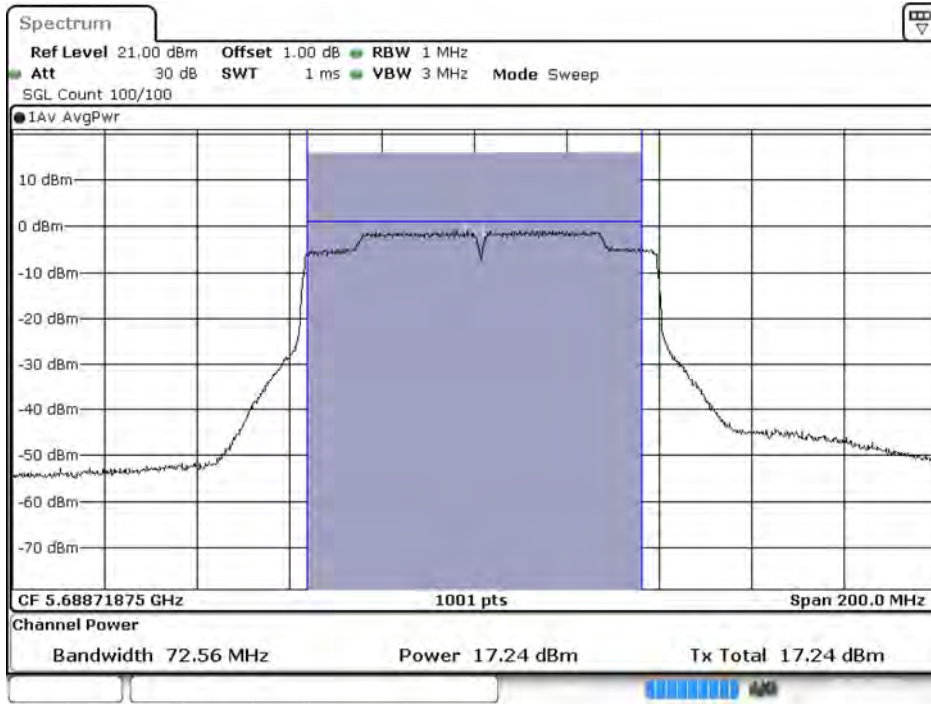
26dB Occupied Bandwidth: Channel 138



Date: 22.FEB.2022 17:43:43

Maximum conducted output power:

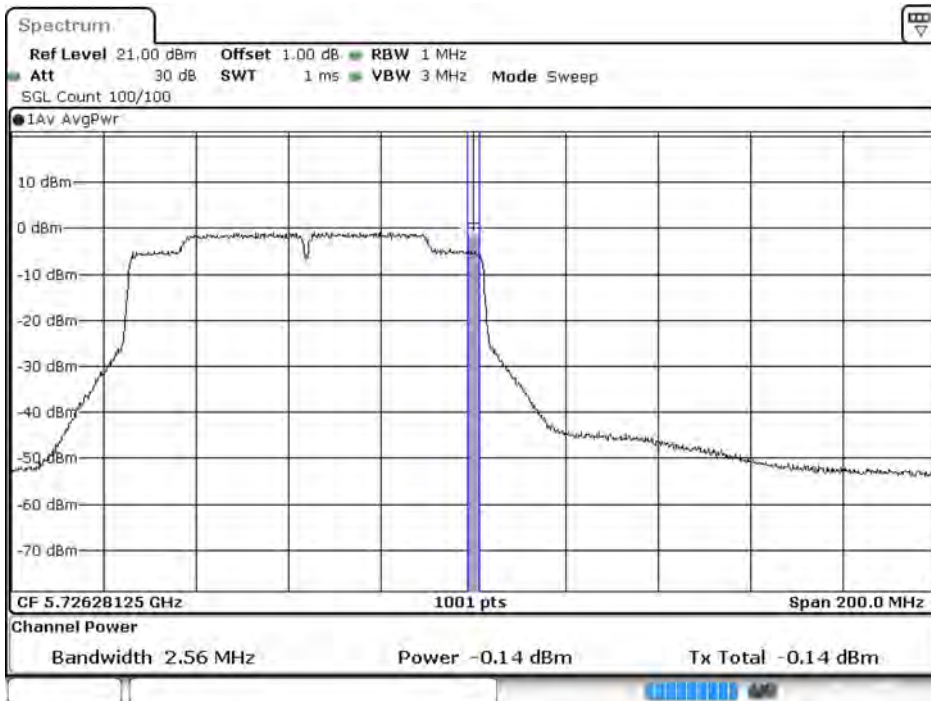
Channel 138(U-NII-2C)



Date: 22.FEB.2022 17:44:07

Maximum conducted output power:

Channel 138(U-NII-3)



Date: 22.FEB.2022 17:44:30

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 14 SISO B: Transmit (802.11ac-160BW_65Mbps)

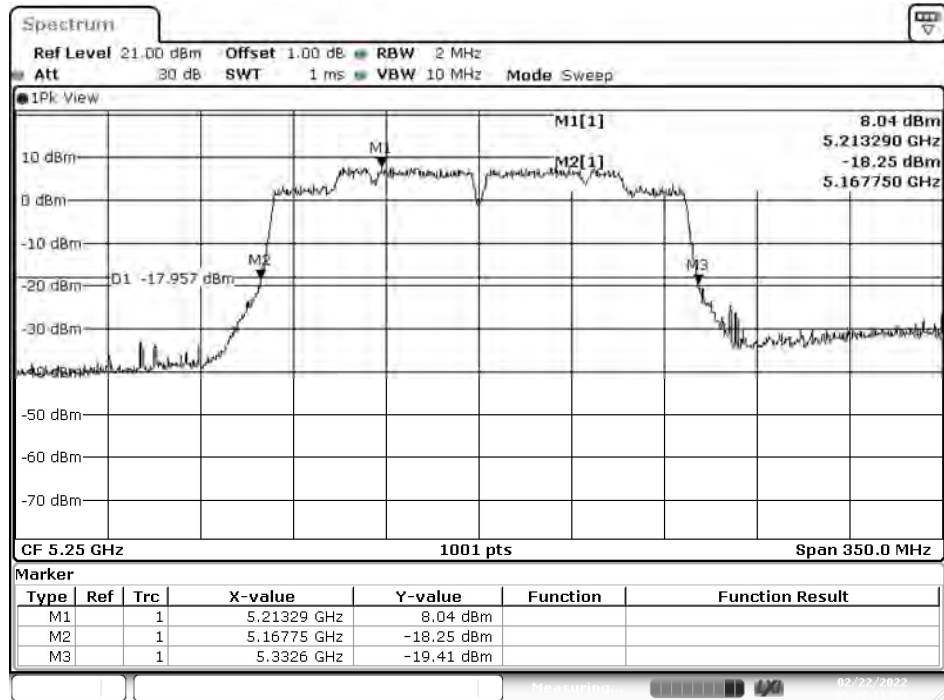
Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
50 (U-NII-1)	5250	11.92	11.83	11.78	11.69	11.61	11.55	11.48	11.45	11.36	11.3
50 (U-NII-2A)	5250	11.75	11.72	11.63	11.58	11.48	11.45	11.37	11.31	11.25	11.15
114	5570	14.9	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50 (U-NII-1)	5250	--	11.92	24	--	Pass
50 (U-NII-2A)	5250	82.60	11.75	24	30.17	Pass
114	5570	165.90	14.90	24	33.20	Pass

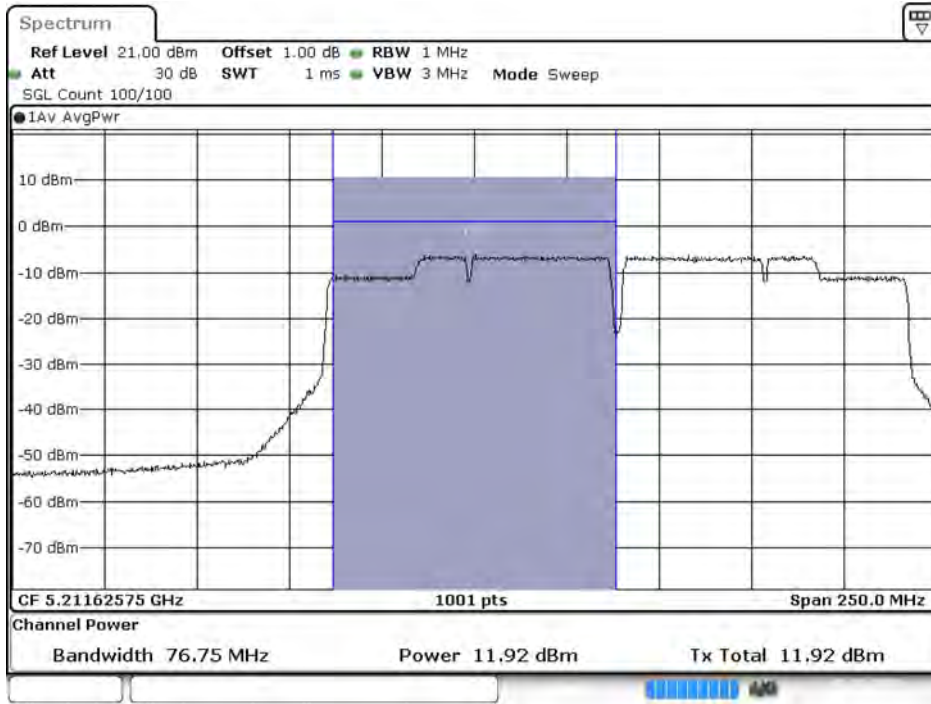
**26dB Occupied Bandwidth:
Channel 50**



Date: 22.FEB.2022 17:28:11

Maximum conducted output power:

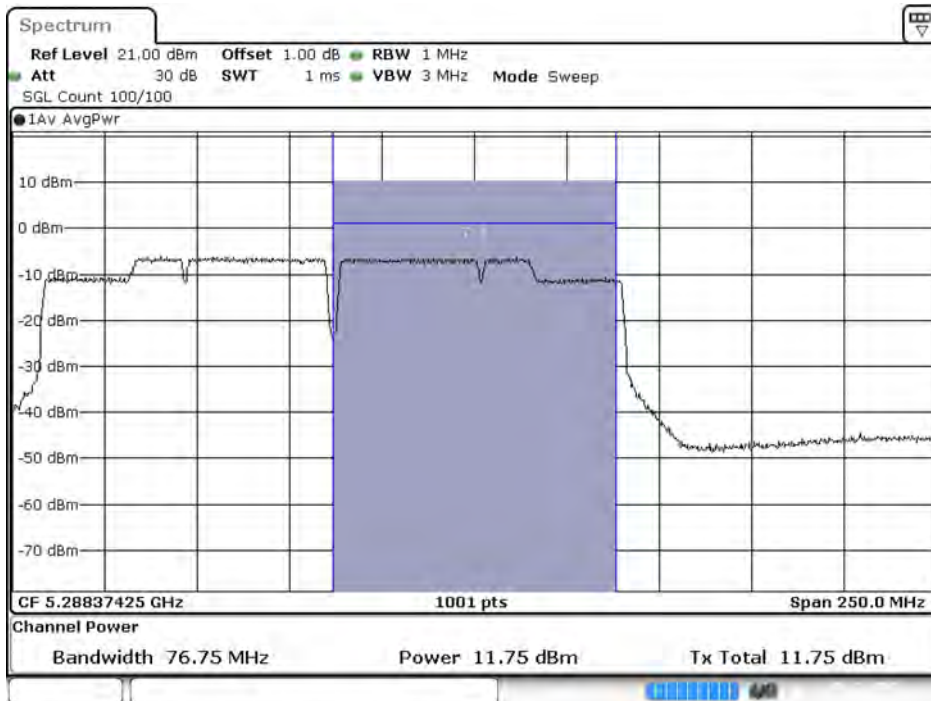
Channel 50 (U-NII-1)



Date: 22.FEB.2022 17:28:35

Maximum conducted output power:

Channel 50 (U-NII-2A)



Date: 22.FEB.2022 17:28:57

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 15: SISO B: Transmit (802.11ax-20BW_8.6Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
36	5180	17.25	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.28	17.2	17.11	17.07	17	16.9	16.81	16.72	16.66	16.57	16.48	16.45
48	5240	17.18	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.22	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.26	17.16	17.13	17.1	17.06	16.98	16.92	16.83	16.76	16.68	16.63	16.58
64	5320	17.29	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.32	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.22	17.16	17.12	17.07	17.03	16.95	16.91	16.81	16.78	16.71	16.61	16.52
140	5700	17.36	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.54	16.47	16.37	16.34	16.3	16.22	16.18	16.13	16.07	15.97	15.91	15.81
144(U-NII-3)	5720	9.54	9.48	9.45	9.37	9.29	9.2	9.11	9.03	8.95	8.85	8.82	8.73
149	5745	17.28	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.33	17.23	17.14	17.09	17.02	16.98	16.88	16.81	16.74	16.7	16.62	16.58
165	5825	17.28	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.25	24	--	Pass
44	5220	--	17.28	24	--	Pass
48	5240	--	17.18	24	--	Pass
52	5260	22.45	17.22	24	24.51	Pass
60	5300	23.25	17.26	24	24.66	Pass
64	5320	23.40	17.29	24	24.69	Pass
100	5500	22.90	17.32	24	24.60	Pass
116	5580	23.20	17.22	24	24.65	Pass
140	5700	23.25	17.36	24	24.66	Pass
144(U-NII-2C)	5720	17.10	16.54	24	23.33	Pass
144(U-NII-3)	5720	--	9.54	30	--	Pass
149	5745	--	17.28	30	--	Pass
157	5785	--	17.33	30	--	Pass
165	5825	--	17.28	30	--	Pass

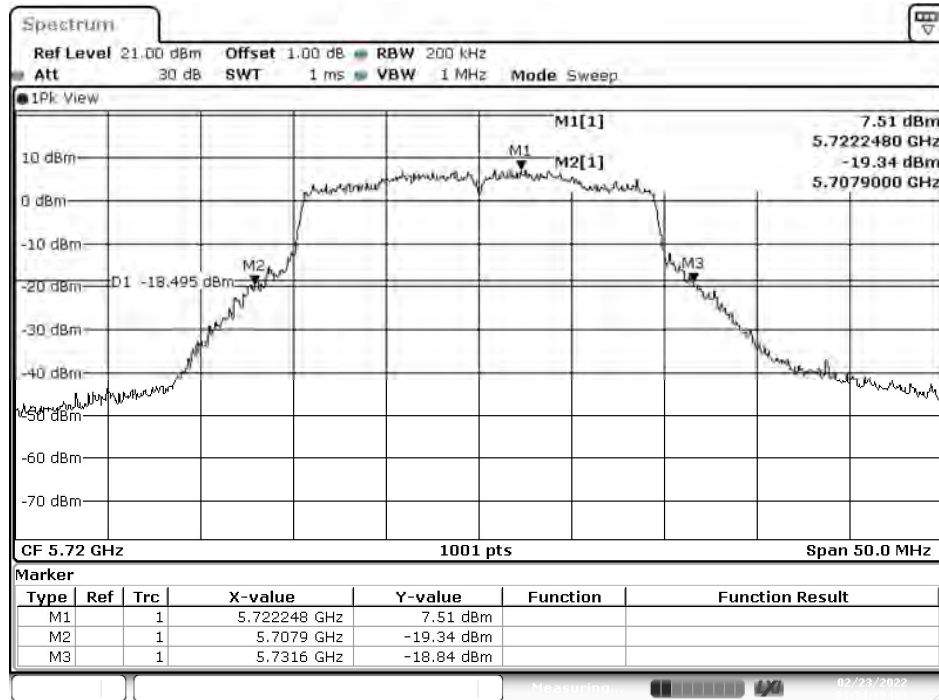
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Lim
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10		MCS11	
36/5180	26/0	13.52	--	--	--	--	--	--	--	--	--	--	--	--	<24dBm
	52/37	16.36	16.30	16.26	16.19	16.12	16.08	16.02	15.97	15.93	15.89	15.83	15.78	<24dBm	
	106/53	17.02	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
64/5320	26/8	13.44	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/40	16.29	16.24	16.19	16.13	16.10	16.07	16.01	15.94	15.88	15.82	15.76	15.72	<24dBm	
	106/54	17.21	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
100/5500	26/0	13.49	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/37	16.53	16.47	16.44	16.39	16.33	16.28	16.23	16.19	16.13	16.08	16.02	15.97	<24dBm	
	106/53	17.07	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
140/5700	26/8	13.17	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/40	16.48	16.44	16.40	16.37	16.32	16.28	16.24	16.17	16.11	16.04	15.99	15.96	<24dBm	
	106/54	17.08	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
149/5745	26/0	15.29	--	--	--	--	--	--	--	--	--	--	--	<30dBm	
	52/37	17.19	17.12	17.05	17.02	16.99	16.95	16.90	16.86	16.79	16.74	16.67	16.62	<30dBm	
	106/53	17.03	--	--	--	--	--	--	--	--	--	--	--	<30dBm	

Maximum conducted output power Measurement:

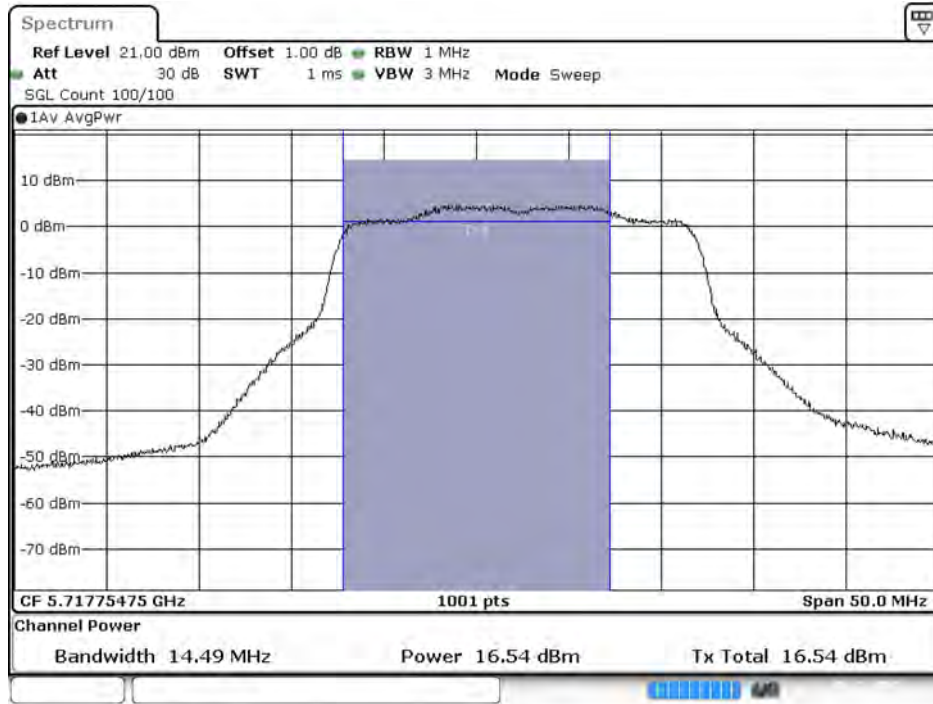
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36/5180	26-0	--	13.52	24	--	Pass
	52-37	--	16.36	24	--	Pass
	106-53	--	17.02	24	--	Pass
64/5320	26-8	20.720	13.44	24	24.16	Pass
	52-40	22.120	16.29	24	24.45	Pass
	106-54	23.270	17.21	24	24.67	Pass
100/5500	26-0	20.620	13.49	24	24.14	Pass
	52-37	21.470	16.53	24	24.32	Pass
	106-53	22.420	17.07	24	24.51	Pass
140/5700	26-8	20.620	13.17	24	24.14	Pass
	52-40	21.970	16.48	24	24.42	Pass
	106-54	23.620	17.08	24	24.73	Pass
149/5745	26-0	--	15.29	30	--	Pass
	52-37	--	17.19	30	--	Pass
	106-53	--	17.03	30	--	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 144



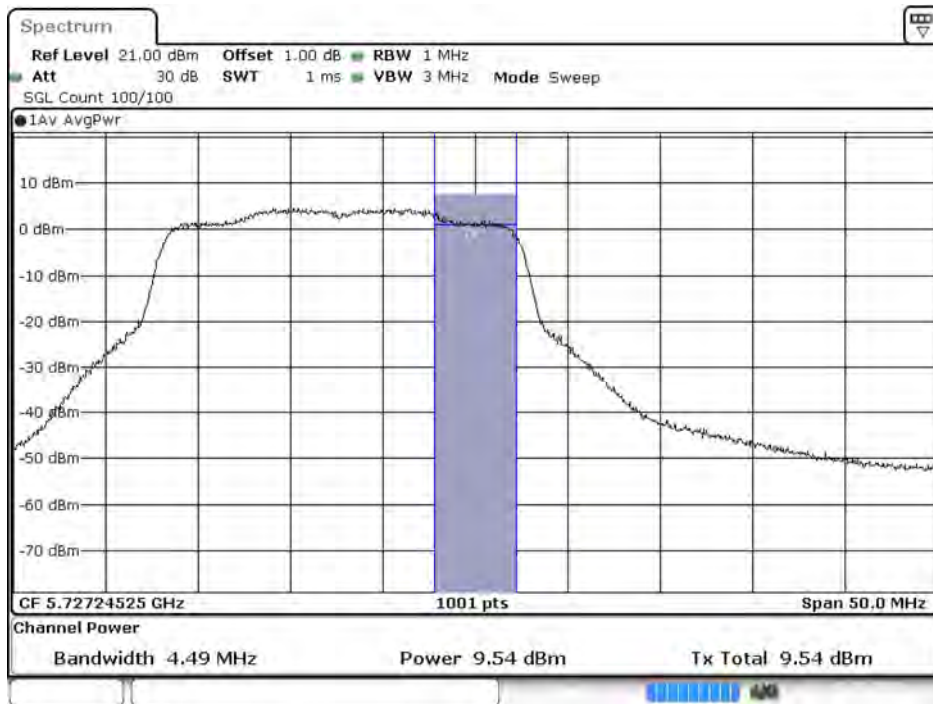
Date: 23.FEB.2022 15:34:19

RU config: Full
Maximum conducted output power:
Channel 144(U-NII-2C)



Date: 23.FEB.2022 15:34:43

Maximum conducted output power:
Channel 144(U-NII-3)



Date: 23.FEB.2022 15:35:06

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 16: SISO B: Transmit (802.11ax-40BW_17.2Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
38	5190	17.32	--	--	--	--	--	--	--	--	--	--	--
46	5230	17.34	17.28	17.23	17.14	17.08	17.05	16.97	16.89	16.85	16.75	16.7	16.65
54	5270	17.25	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.19	17.11	17.04	16.94	16.91	16.88	16.84	16.78	16.69	16.64	16.54	16.44
102	5510	17.35	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.26	17.21	17.18	17.15	17.12	17.09	16.99	16.9	16.84	16.78	16.68	16.59
134	5670	17.33	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.08	17.04	17.01	16.92	16.87	16.81	16.76	16.71	16.67	16.62	16.56	16.46
142(U-NII-3)	5710	5.07	5.02	4.94	4.88	4.82	4.75	4.68	4.58	4.55	4.51	4.46	4.39
151	5755	17.37	--	--	--	--	--	--	--	--	--	--	--
159	5795	17.37	17.32	17.24	17.19	17.12	17.09	17.06	17.01	16.96	16.89	16.8	16.72

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38	5190	--	17.32	24	--	Pass
46	5230	--	17.34	24	--	Pass
54	5270	42.60	17.25	24	27.29	Pass
62	5310	42.60	17.19	24	27.29	Pass
102	5510	42.40	17.35	24	27.27	Pass
110	5550	42.30	17.26	24	27.26	Pass
134	5670	9.00	17.33	24	20.54	Pass
142(U-NII-2C)	5710	36.30	10.69	24	26.60	Pass
142(U-NII-3)	5710	6.20	-1.14	30	18.92	Pass
151	5755	--	17.37	30	--	Pass
159	5795	--	17.37	30	--	Pass

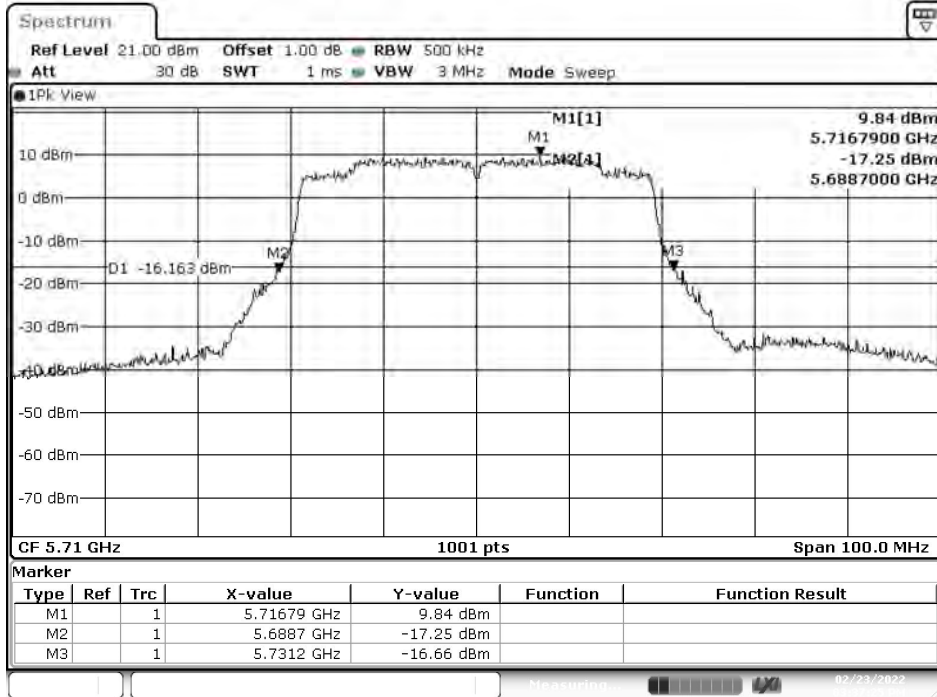
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limi
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
38 / 5190	242/61	17.21	--	--	--	--	--	--	--	--	--	--	--	--	<24dBm
62 / 5310	242/62	17.08	17.03	16.99	16.95	16.89	16.84	16.80	16.73	16.67	16.60	16.56	16.49	<24dBm	
102 / 5510	242/61	17.22	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
134 / 5670	242/62	17.19	17.12	17.09	17.02	16.96	16.91	16.84	16.79	16.75	16.70	16.66	16.62	<24dBm	
151 / 5755	242/61	17.26	--	--	--	--	--	--	--	--	--	--	--	<24dBm	

Maximum conducted output power Measurement:

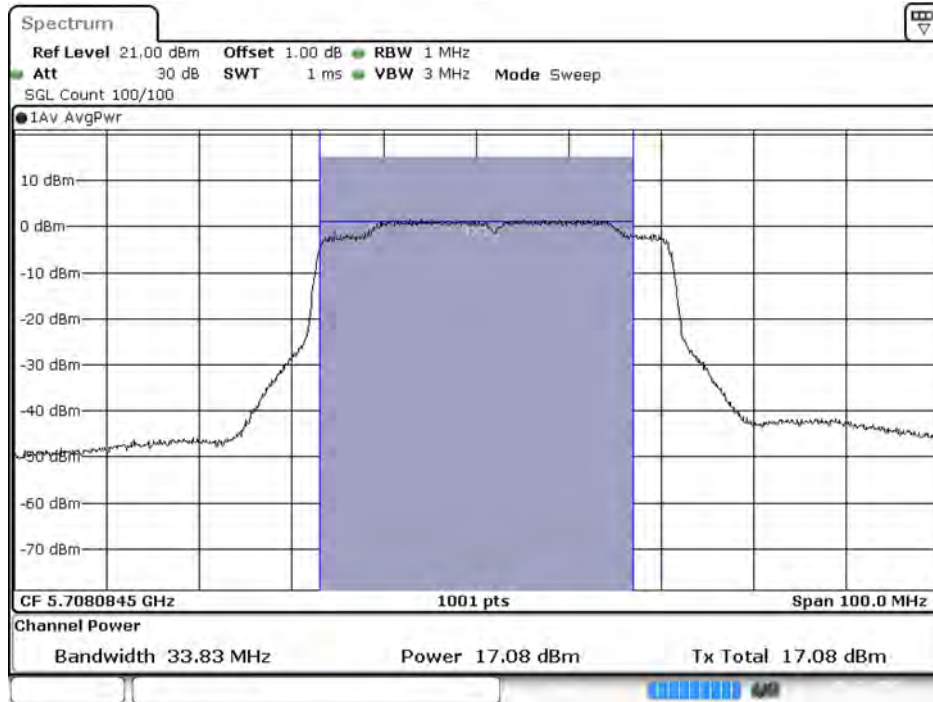
Channel No /Frequency Range (MHz)	RU setting	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38 / 5190	242/61	--	17.21	24	--	Pass
62 / 5310	242/62	25.050	17.08	24	24.99	Pass
102 / 5510	242/61	25.050	17.22	24	24.99	Pass
134 / 5670	242/62	25.050	17.19	24	24.99	Pass
151 / 5755	242/61	--	17.26	30	--	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 142



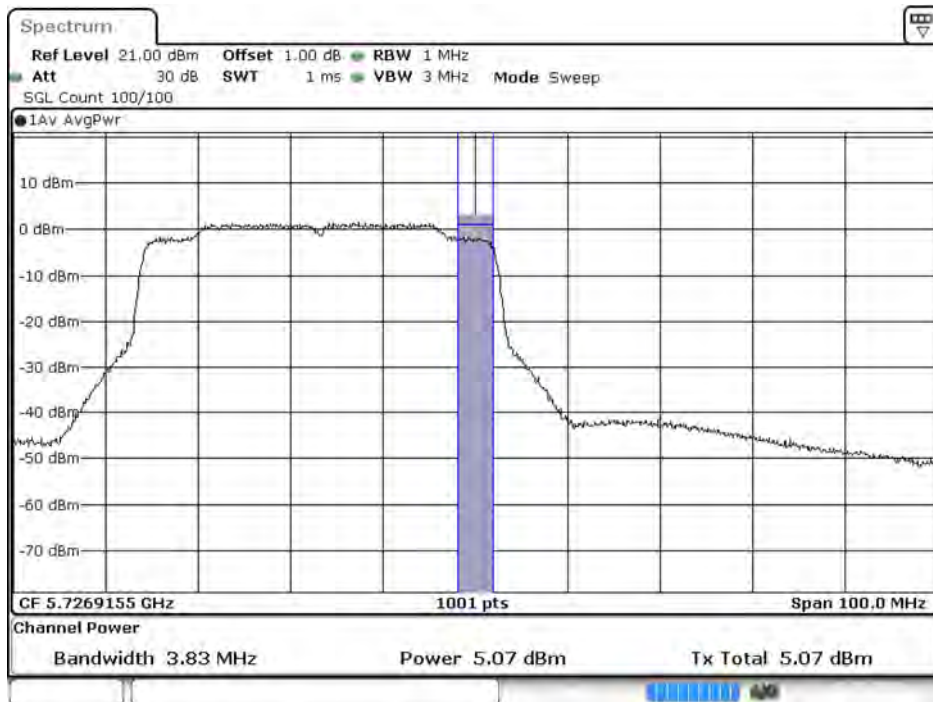
Date: 23.FEB.2022 15:37:26

RU config: Full
Maximum conducted output power:
Channel 142(U-NII-2C)



Date: 23.FEB.2022 15:37:50

Maximum conducted output power:
Channel 142(U-NII-3)



Date: 23.FEB.2022 15:38:13

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 17: SISO B: Transmit (802.11ax-80BW_36Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	17.26	--	--	--	--	--	--	--	--	--	--	--
58	5290	17.31	17.21	17.17	17.14	17.07	17.01	16.93	16.83	16.79	16.72	16.66	16.6
106	5530	17.31	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.24	17.14	17.11	17.05	16.99	16.9	16.81	16.78	16.71	16.65	16.61	16.55
138 (U-NII-2C)	5690	17.16	17.07	17.02	16.92	16.86	16.77	16.73	16.7	16.65	16.6	16.56	16.53
138 (U-NII-3)	5690	0.83	0.74	0.7	0.65	0.55	0.45	0.39	0.3	0.24	0.21	0.13	0.03
155	5775	17.43	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	17.26	24	--	Pass
58	5290	83.60	17.31	24	30.22	Pass
106	5530	83.40	17.31	24	30.21	Pass
122	5610	83.40	17.24	24	30.21	Pass
138 (U-NII-2C)	5690	76.20	17.16	24	29.82	Pass
138 (U-NII-3)	5690	--	0.83	30	--	Pass
155	5775	--	17.43	30	--	Pass

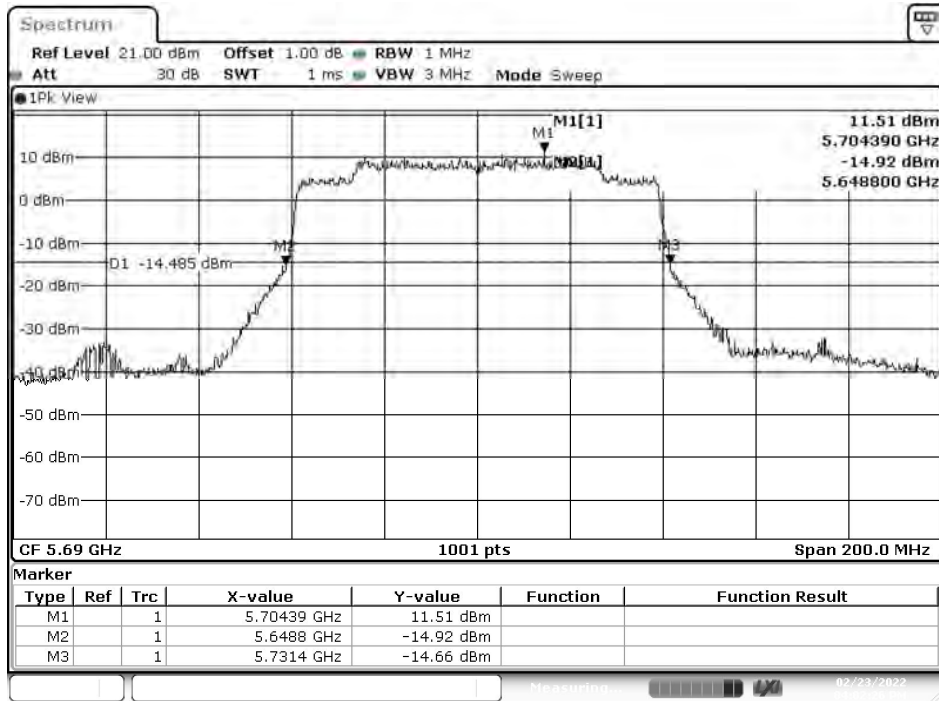
RU config: Other

Channel No / Frequency Range (MHz)	RU setting	Maximum Conducted Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
42/5210	484/65	17.02	16.96	16.89	16.84	16.78	16.72	16.67	16.64	16.60	16.54	16.51	16.44	<24dBm	
58/5290	484/66	17.01	16.95	16.90	16.83	16.79	16.73	16.70	16.63	16.60	16.56	16.52	16.48	<24dBm	
106/5530	484/65	17.08	17.03	16.98	16.95	16.90	16.83	16.76	16.73	16.66	16.61	16.57	16.53	<24dBm	
155/5775	484/66	17.16	17.11	17.05	16.98	16.94	16.88	16.84	16.80	16.76	16.70	16.65	16.61	<30dBm	

Maximum conducted output power Measurement:

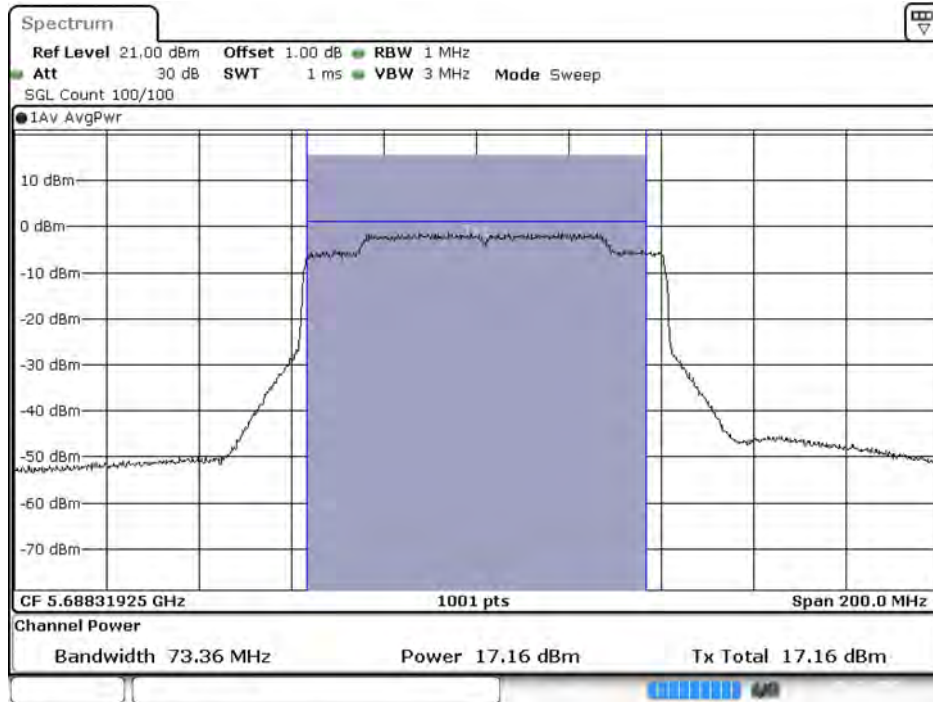
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42/5210	484/65	--	17.02	24	--	Pass
58/5290	484/66	44.590	17.01	24	27.49	Pass
106/5530	484/65	44.890	17.08	24	27.52	Pass
155/5775	484/66	--	17.16	30	--	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 138



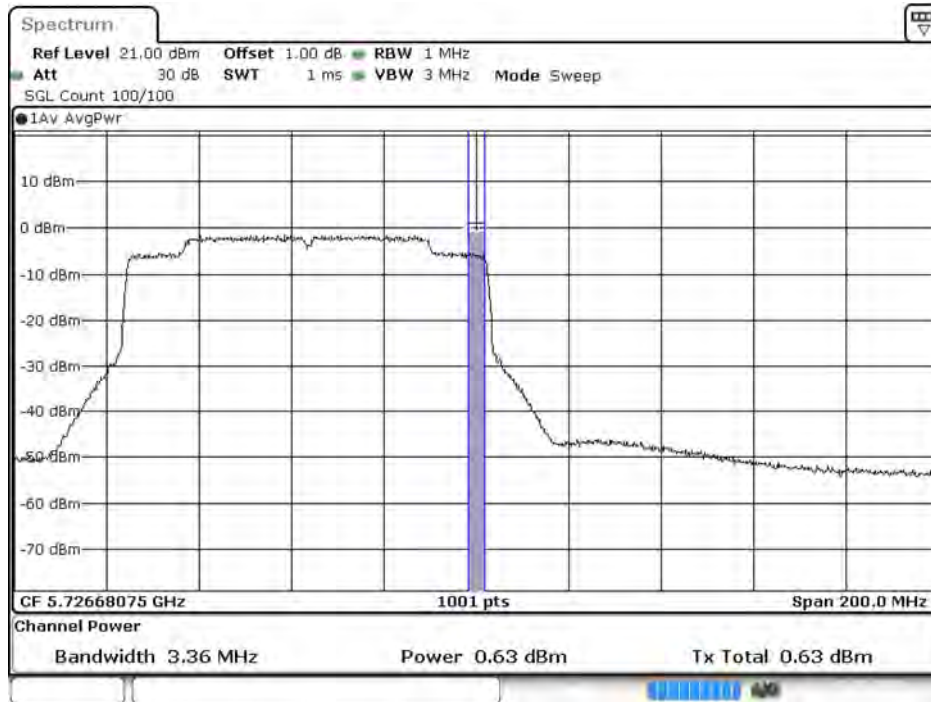
Date: 23.FEB.2022 16:02:27

RU config: Full
Maximum conducted output power:
Channel 138(U-NII-2C)



Date: 23.FEB.2022 16:02:50

Maximum conducted output power:
Channel 138(U-NII-3)



Date: 23.FEB.2022 16:03:14

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 18: SISO B: Transmit (802.11ax-160BW_72.1Mbps)

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50 (U-NII-1)	5250	11.83	11.8	11.75	11.72	11.69	11.62	11.56	11.46	11.41	11.33	11.25	11.18
50 (U-NII-2A)	5250	11.68	11.62	11.52	11.47	11.38	11.3	11.23	11.16	11.1	11.02	10.97	10.89
114	5570	14.82	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50 (U-NII-1)	5250	--	11.83	24	--	Pass
50 (U-NII-2A)	5250	82.95	11.68	24	21.67	Pass
114	5570	164.85	14.82	24	22.71	Pass

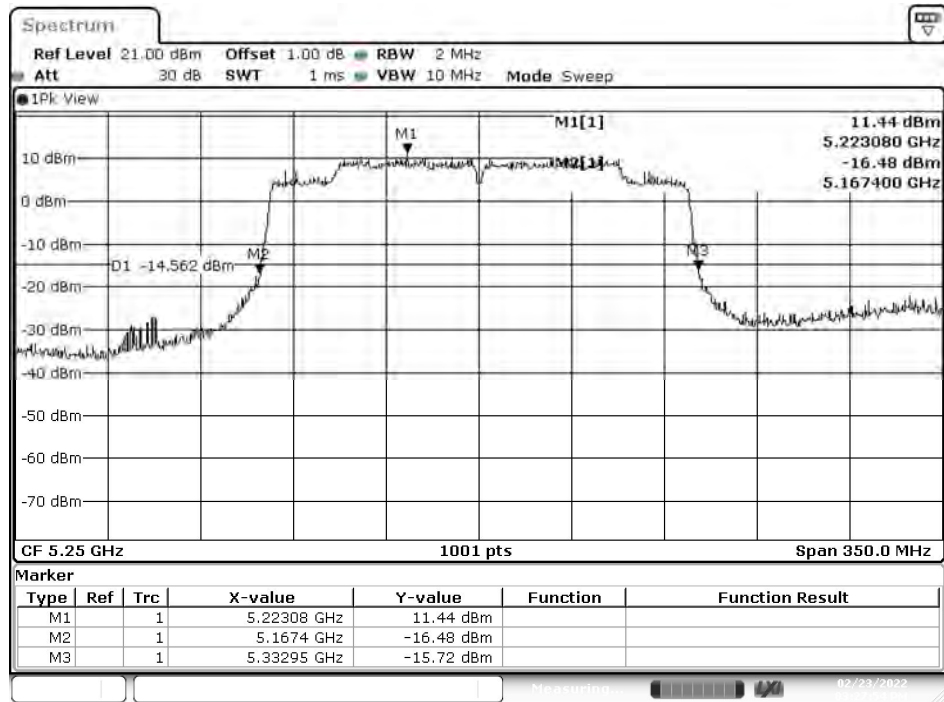
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
50/5250	996/67	11.52	11.46	11.42	11.37	11.33	11.29	11.24	11.19	11.16	11.10	11.03	10.97	<24dBm	
	996/S67	11.33	11.28	11.24	11.17	11.12	11.07	11.04	10.99	10.96	10.89	10.85	10.80	<24dBm	
114/5570	996/67	14.58	14.51	14.44	14.38	14.34	14.28	14.22	14.18	14.11	14.08	14.04	13.98	<24dBm	
	996/S67	14.66	14.61	14.55	14.49	14.46	14.39	14.36	14.33	14.28	14.25	14.20	14.16	<30dBm	

Maximum conducted output power Measurement:

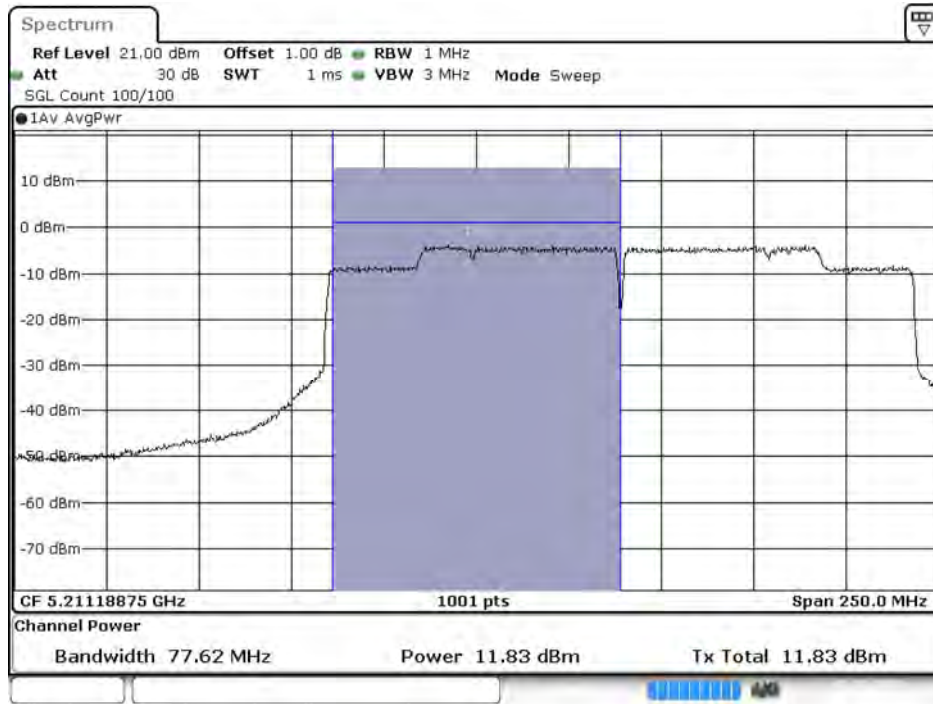
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50/5250	996/67	--	11.52	24	--	Pass
	996/S67	85.560	11.33	24	30.32	Pass
114/5570	996/67	85.560	14.58	24	30.32	Pass
	996/S67	85.560	14.66	24	30.32	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 50



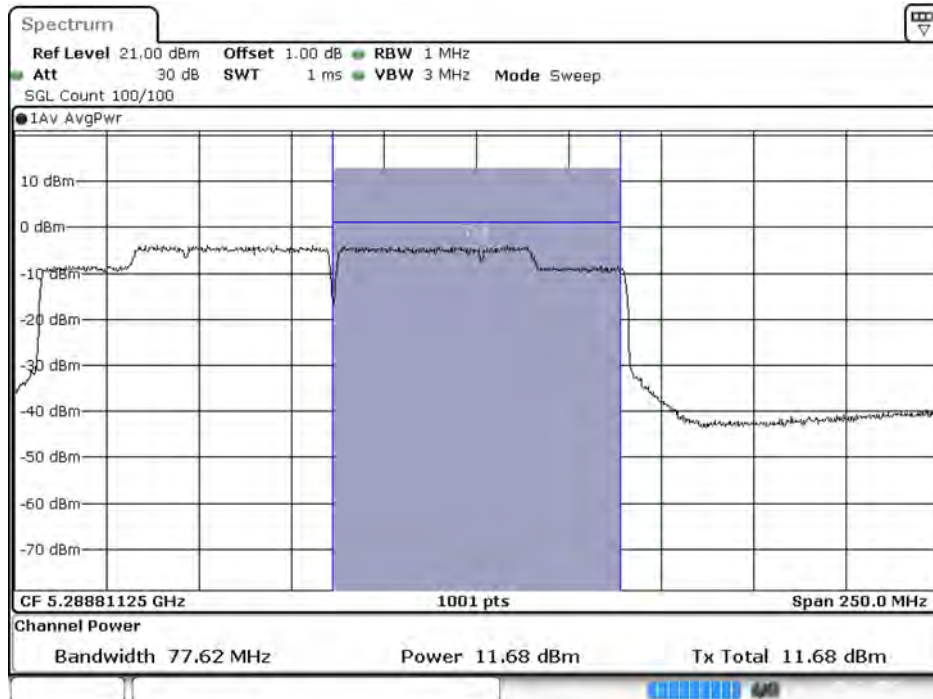
Date: 23.FEB.2022 15:27:55

RU config: Full
Maximum conducted output power:
Channel 50 (U-NII-1)



Date: 23.FEB.2022 15:28:19

Maximum conducted output power:
Channel 50 (U-NII-2A)



Date: 23.FEB.2022 15:28:43

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 19 MIMO: Transmit (802.11n-20BW_14.4Mbps)

Chain A

Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate							
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15
		Measurement Level (dBm)							
36	5180	17.23	--	--	--	--	--	--	--
44	5220	17.26	17.22	17.14	17.07	16.99	16.96	16.93	16.9
48	5240	17.13	--	--	--	--	--	--	--
52	5260	17.13	--	--	--	--	--	--	--
60	5300	17.26	17.19	17.15	17.08	17.02	16.98	16.93	16.87
64	5320	17.25	--	--	--	--	--	--	--
100	5500	17.33	--	--	--	--	--	--	--
116	5580	17.36	17.27	17.22	17.18	17.12	17.03	16.99	16.89
140	5700	17.18	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.49	16.44	16.39	16.33	16.27	16.24	16.19	16.11
144(U-NII-3)	5720	9.09	9.01	8.95	8.85	8.8	8.7	8.6	8.57
149	5745	17.14	--	--	--	--	--	--	--
157	5785	17.3	17.21	17.17	17.09	17.02	16.97	16.92	16.83
165	5825	17.16	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate							
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15
		Measurement Level (dBm)							
36	5180	17.11	--	--	--	--	--	--	--
44	5220	17.2	17.12	17.07	17.04	16.94	16.86	16.83	16.79
48	5240	17.14	--	--	--	--	--	--	--
52	5260	17.15	--	--	--	--	--	--	--
60	5300	17.2	17.14	17.09	17.03	17	16.91	16.88	16.81
64	5320	17.28	--	--	--	--	--	--	--
100	5500	17.22	--	--	--	--	--	--	--
116	5580	17.18	17.08	17.04	16.96	16.91	16.86	16.8	16.71
140	5700	17.32	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.58	16.49	16.45	16.39	16.29	16.19	16.15	16.05
144(U-NII-3)	5720	9.05	9.01	8.93	8.85	8.76	8.72	8.69	8.65
149	5745	17.37	--	--	--	--	--	--	--
157	5785	17.13	17.04	16.99	16.96	16.87	16.83	16.75	16.67
165	5825	17.13	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

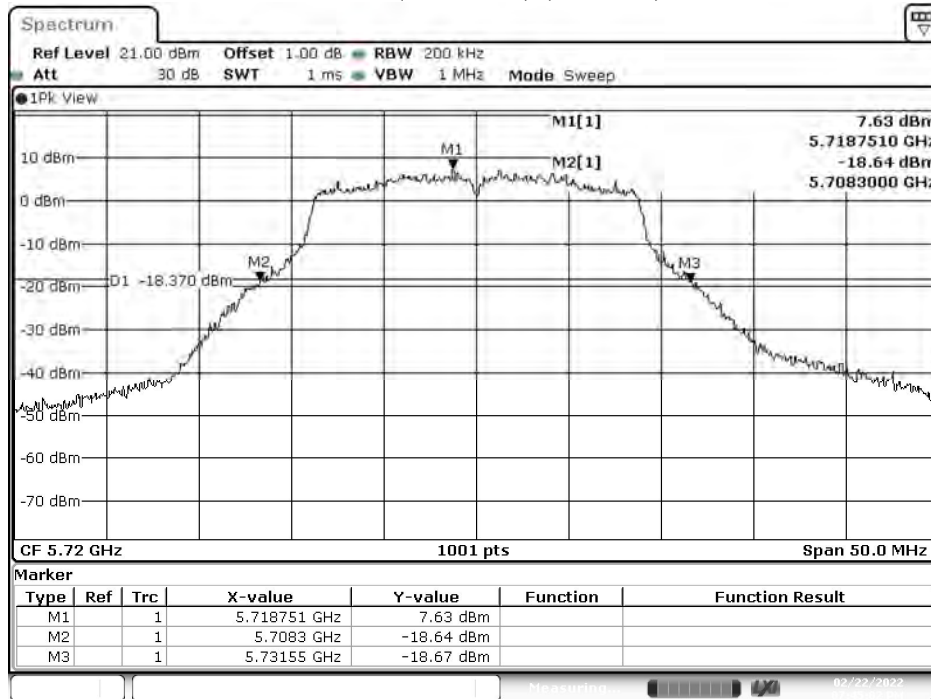
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
36	5180	--	17.23	17.11	20.18	24	--	Pass
44	5220	--	17.26	17.20	20.24	24	--	Pass
48	5240	--	17.13	17.14	20.15	24	--	Pass
52	5260	22.85	17.13	17.15	20.15	24	24.59	Pass
60	5300	23.35	17.26	17.20	20.24	24	24.68	Pass
64	5320	23.15	17.25	17.28	20.28	24	24.65	Pass
100	5500	22.90	17.33	17.22	20.29	24	24.60	Pass
116	5580	23.40	17.36	17.18	20.28	24	24.69	Pass
140	5700	22.60	17.18	17.32	20.26	24	24.54	Pass
144(U-NII-2C)	5720	16.70	16.49	16.58	19.55	24	23.23	Pass
144(U-NII-3)	5720	--	9.09	9.05	12.08	30	--	Pass
149	5745	--	17.14	17.37	20.27	30	--	Pass
157	5785	--	17.30	17.13	20.23	30	--	Pass
165	5825	--	17.16	17.13	20.16	30	--	Pass

Note:

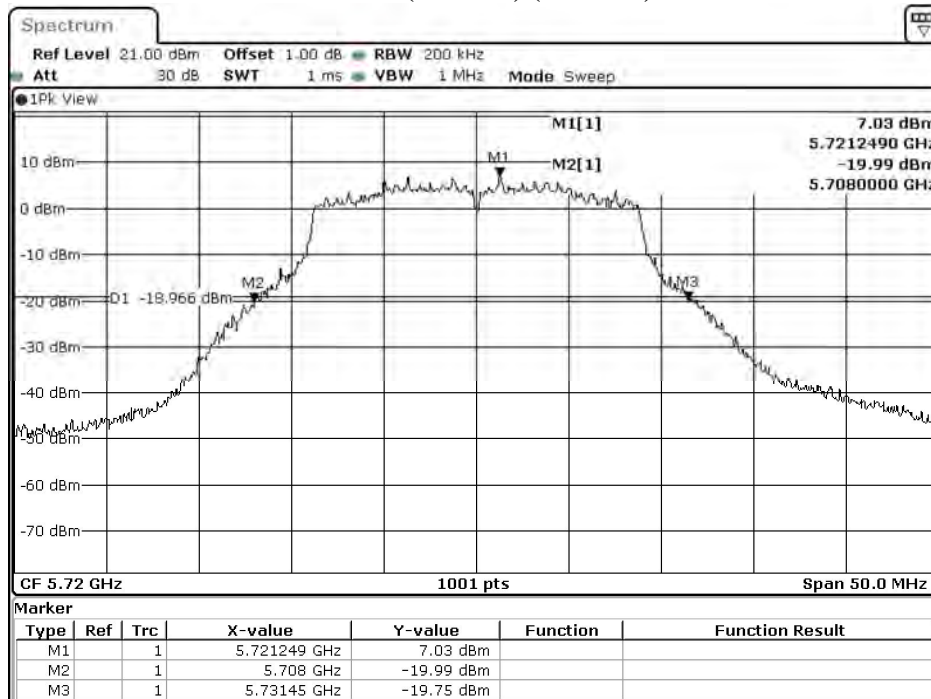
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

26dB Occupied Bandwidth: Channel 144 (U-NII-2C) (Chain A)



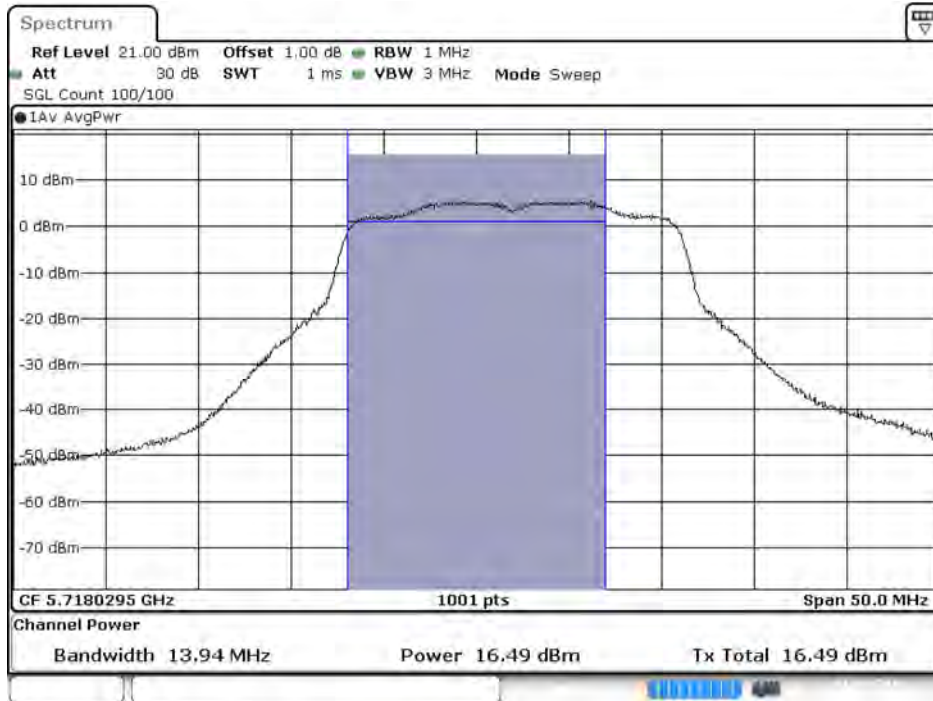
Date: 22.FEB.2022 19:45:03

Channel 144 (U-NII-3) (Chain B)



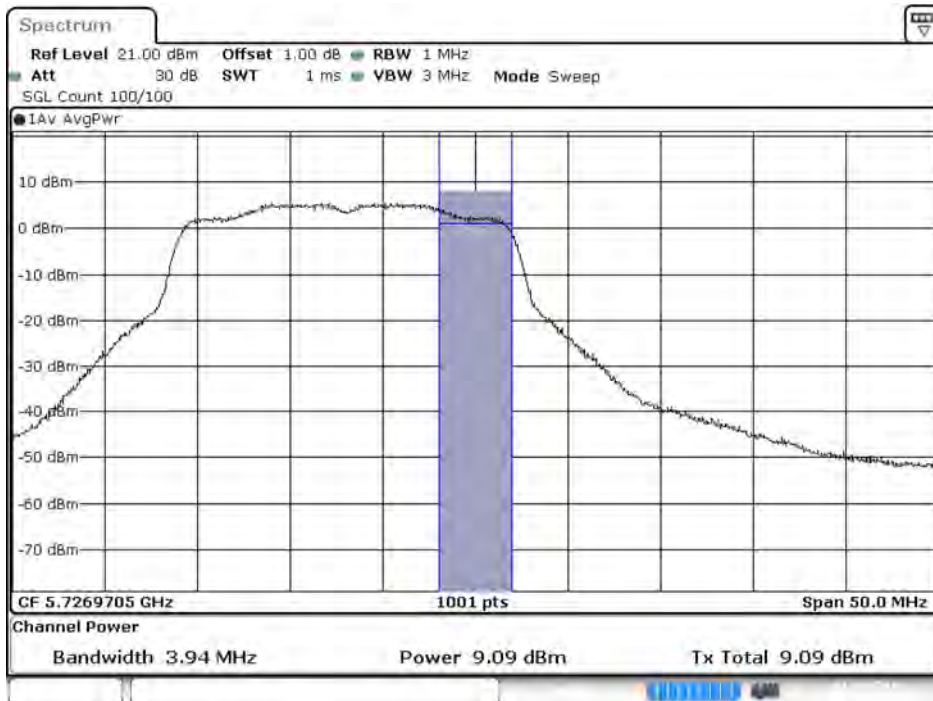
Date: 22.FEB.2022 19:40:56

**Maximum conducted output power:
Channel 144(U-NII-2C) (Chain A)**



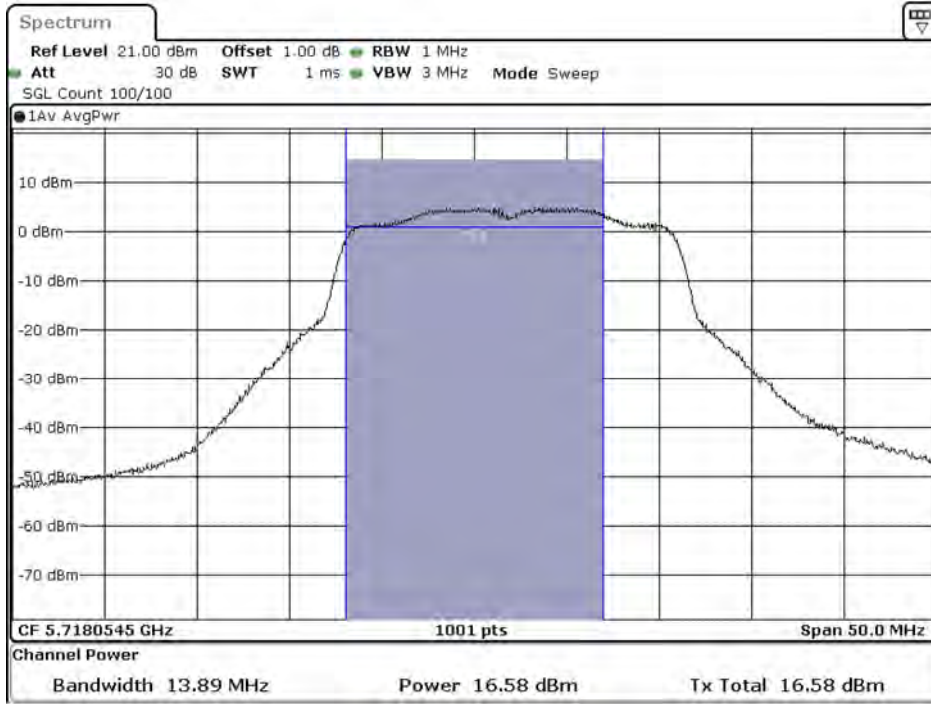
Date: 22.FEB.2022 19:45:28

**Maximum conducted output power:
Channel 144(U-NII-3) (Chain A)**



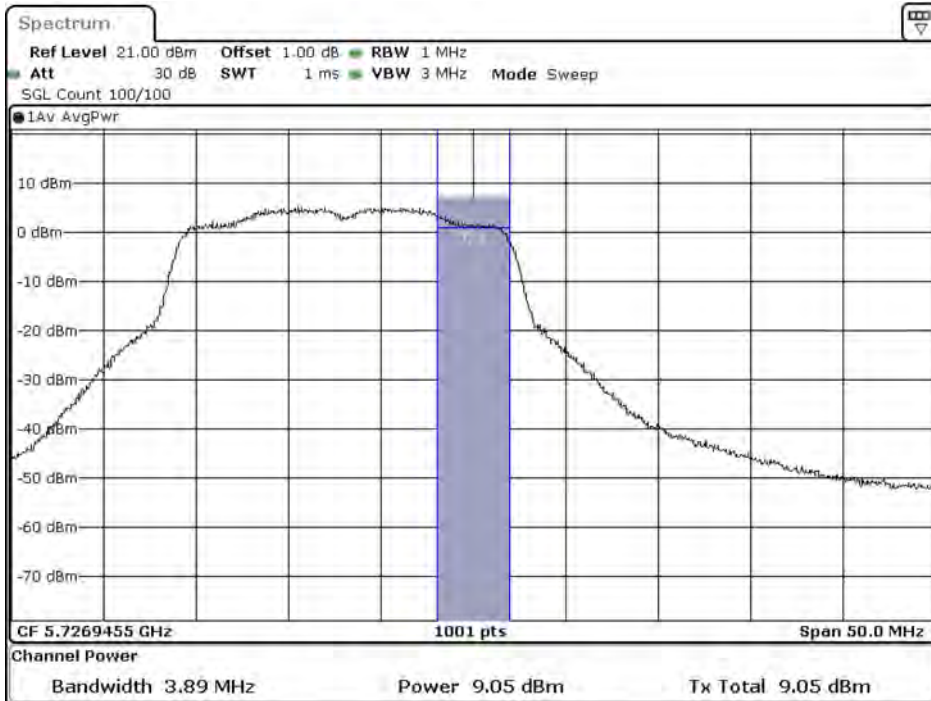
Date: 22.FEB.2022 19:45:51

**Maximum conducted output power:
Channel 144(U-NII-2C) (Chain B)**



Date: 22.FEB.2022 19:41:21

**Maximum conducted output power:
Channel 144(U-NII-3) (Chain B)**



Date: 22.FEB.2022 19:41:43

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 20 MIMO: Transmit (802.11n-40BW_30Mbps)

Chain A

Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate							
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15
		Measurement Level (dBm)							
38	5190	17.45	--	--	--	--	--	--	--
46	5230	17.23	17.13	17.06	16.96	16.87	16.81	16.71	16.62
54	5270	17.33	--	--	--	--	--	--	--
62	5310	17.29	17.19	17.14	17.11	17.08	16.99	16.9	16.86
102	5510	17.19	--	--	--	--	--	--	--
110	5550	17.14	17.11	17.07	17	16.9	16.87	16.82	16.79
134	5670	17.24	--	--	--	--	--	--	--
142(U-NII-2C)	5710	16.97	16.9	16.85	16.79	16.73	16.67	16.59	16.49
142(U-NII-3)	5710	4.24	4.17	4.09	3.99	3.93	3.84	3.78	3.7
151	5755	17.07	--	--	--	--	--	--	--
159	5795	17.24	17.19	17.09	17.01	16.91	16.88	16.8	16.77

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate							
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15
		Measurement Level (dBm)							
38	5190	17.17	--	--	--	--	--	--	--
46	5230	17.17	17.11	17.01	16.97	16.93	16.9	16.85	16.81
54	5270	17.05	--	--	--	--	--	--	--
62	5310	17.05	17	16.96	16.9	16.85	16.79	16.72	16.67
102	5510	17.07	--	--	--	--	--	--	--
110	5550	17.13	17.07	16.99	16.89	16.79	16.74	16.71	16.63
134	5670	17.33	--	--	--	--	--	--	--
142(U-NII-2C)	5710	16.97	16.89	16.85	16.81	16.75	16.71	16.66	16.58
142(U-NII-3)	5710	4.04	3.95	3.85	3.81	3.77	3.74	3.67	3.64
151	5755	17.17	--	--	--	--	--	--	--
159	5795	17.16	17.13	17.03	16.94	16.9	16.8	16.7	16.63

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

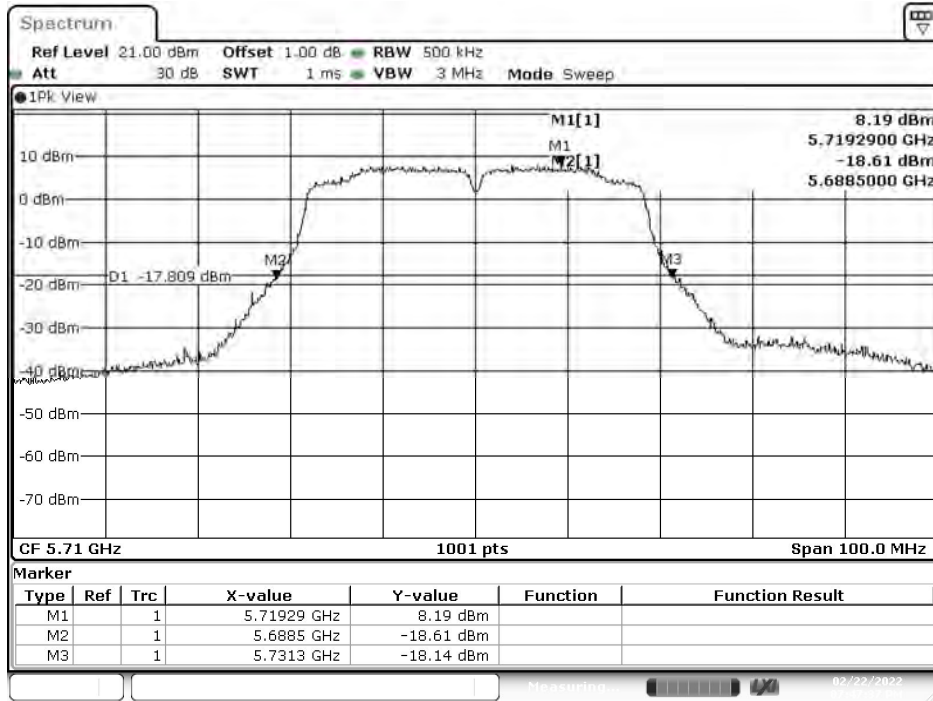
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
38	5190	--	17.45	17.17	20.32	24	--	Pass
46	5230	--	17.23	17.17	20.21	24	--	Pass
54	5270	42.20	17.33	17.05	20.20	24	27.25	Pass
62	5310	41.90	17.29	17.05	20.18	24	27.22	Pass
102	5510	42.40	17.19	17.07	20.14	24	27.27	Pass
110	5550	42.20	17.14	17.13	20.15	24	27.25	Pass
134	5670	42.40	17.24	17.33	20.30	24	27.27	Pass
142(U-NII-2C)	5710	36.20	16.97	16.97	19.98	24	26.59	Pass
142(U-NII-3)	5710	--	4.24	4.04	7.15	30	--	Pass
151	5755	--	17.07	17.17	20.13	30	--	Pass
159	5795	--	17.24	17.16	20.21	30	--	Pass

Note:

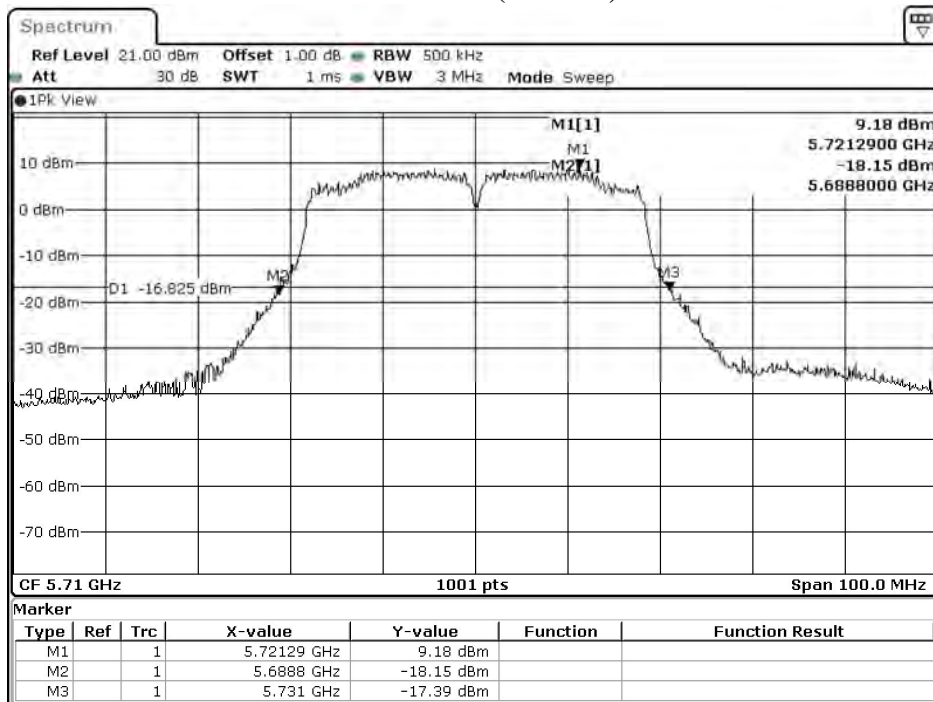
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

26dB Occupied Bandwidth: Channel 142 (Chain A)



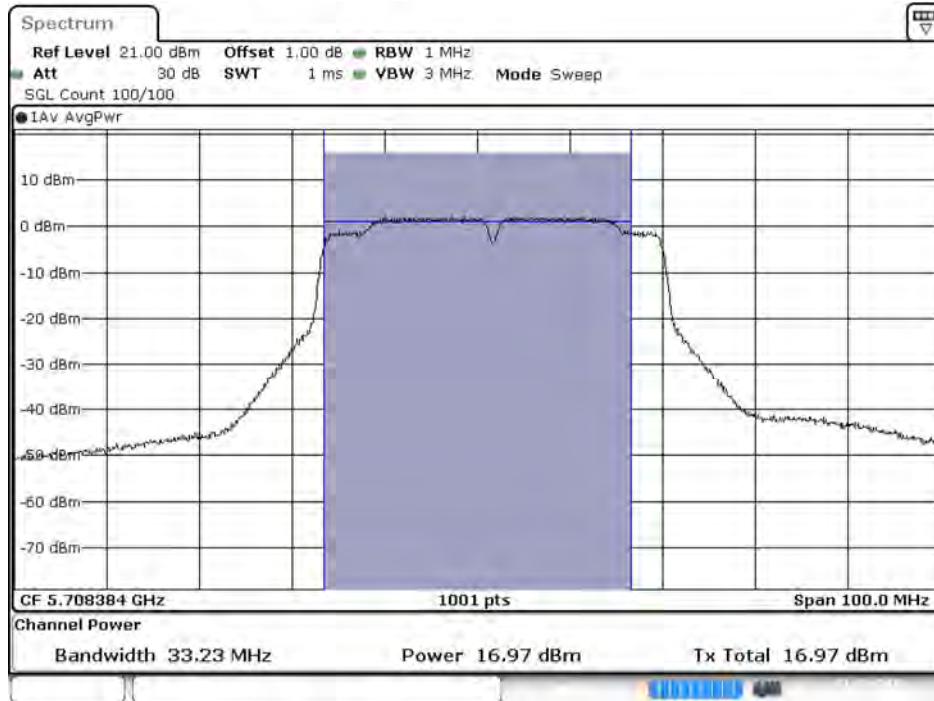
Date: 22.FEB.2022 19:47:37

Channel 142 (Chain B)



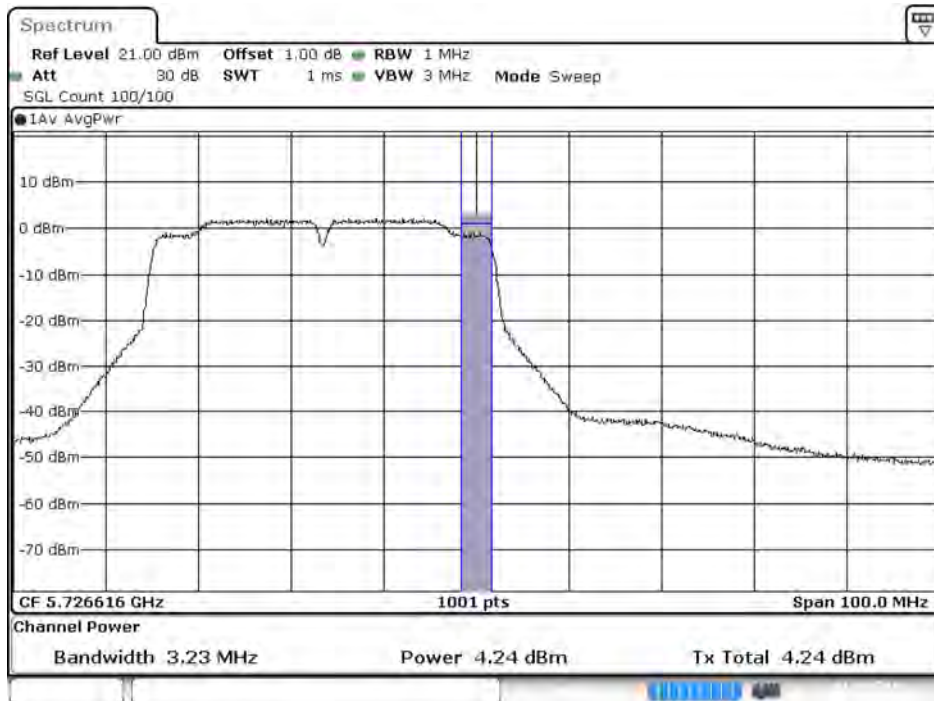
Date: 22.FEB.2022 19:43:30

**Maximum conducted output power:
Channel 142(U-NII-2C) (Chain A)**



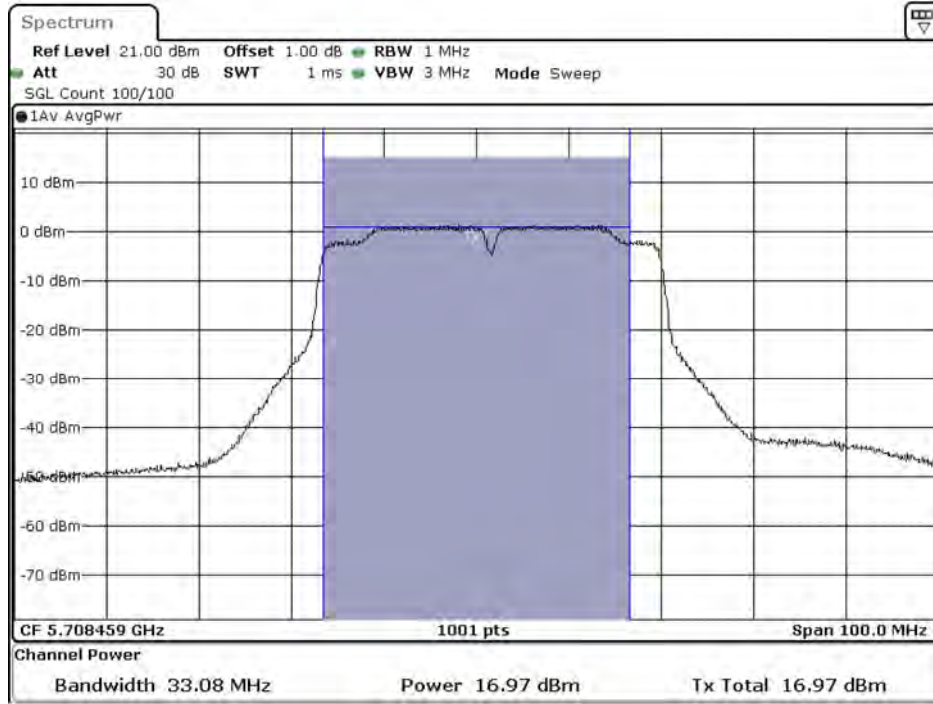
Date: 22.FEB.2022 19:48:02

**Maximum conducted output power:
Channel 142(U-NII-3) (Chain A)**



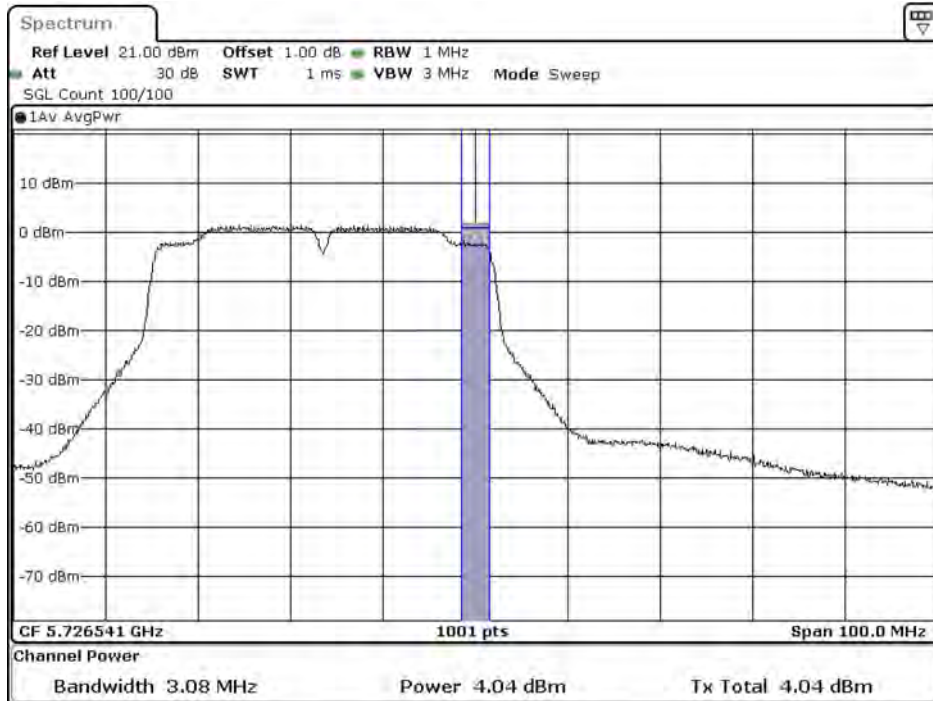
Date: 22.FEB.2022 19:48:24

**Maximum conducted output power:
Channel 142(U-NII-2C) (Chain B)**



Date: 22 FEB. 2022 19:43:55

**Maximum conducted output power:
Channel 142(U-NII-3) (Chain B)**



Date: 22 FEB. 2022 19:44:17

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 21 MIMO: Transmit (802.11ac-80BW_65Mbps)

Chain A

Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
42	5210	17.29	17.26	17.22	17.13	17.1	17.03	16.93	16.86	16.79	16.72
58	5290	17.26	17.2	17.1	17.02	16.96	16.87	16.78	16.73	16.67	16.57
106	5530	17.24	--	--	--	--	--	--	--	--	--
122	5610	17.14	17.09	17.03	16.94	16.84	16.79	16.73	16.67	16.57	16.53
138 (U-NII-2C)	5690	17.1	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	-0.24	--	--	--	--	--	--	--	--	--
155	5775	17.2	17.13	17.05	17.01	16.98	16.93	16.87	16.83	16.74	16.65

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
42	5210	17.31	17.26	17.18	17.14	17.04	16.95	16.89	16.83	16.8	16.74
58	5290	17.2	17.14	17.06	16.99	16.95	16.88	16.82	16.79	16.7	16.62
106	5530	17.29	--	--	--	--	--	--	--	--	--
122	5610	17.23	17.14	17.05	16.95	16.88	16.78	16.74	16.71	16.62	16.57
138 (U-NII-2C)	5690	17.12	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	-0.46	--	--	--	--	--	--	--	--	--
155	5775	17.41	17.33	17.26	17.18	17.09	16.99	16.92	16.89	16.86	16.82

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

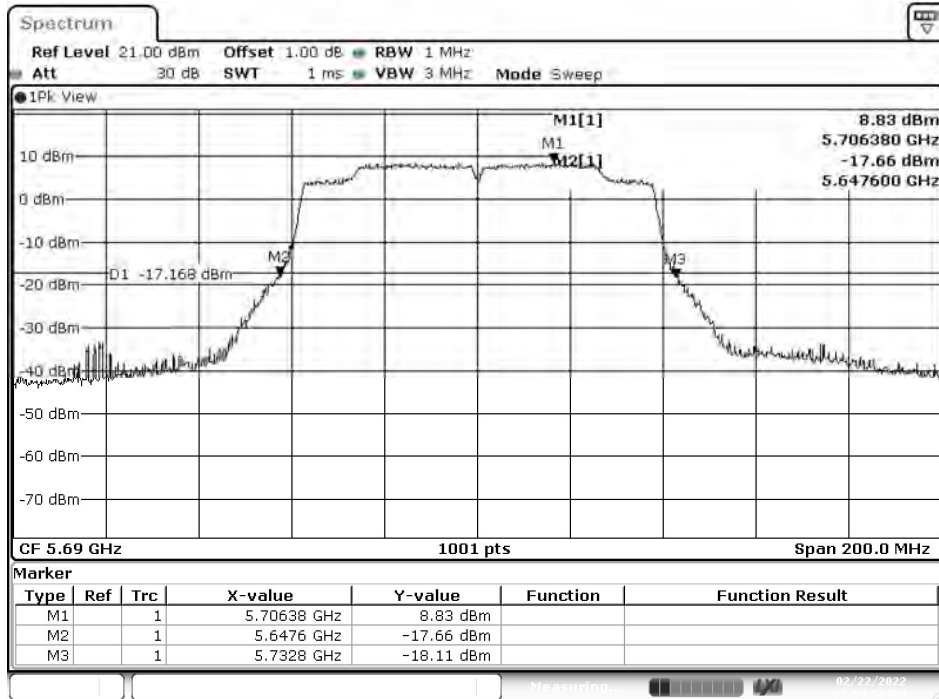
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
42	5210	--	17.29	17.31	20.31	24	--	Pass
58	5290	85.60	17.26	17.20	20.24	24	--	Pass
106	5530	85.20	17.24	17.29	20.28	24	30.30	Pass
122	5610	85.80	17.14	17.23	20.20	24	30.33	Pass
138 (U-NII-2C)	5690	77.40	17.10	17.12	20.12	24	29.89	Pass
138 (U-NII-3)	5690	--	-0.24	-0.46	2.66	30	--	Pass
155	5775	--	17.20	17.41	20.32	30	--	Pass

Note:

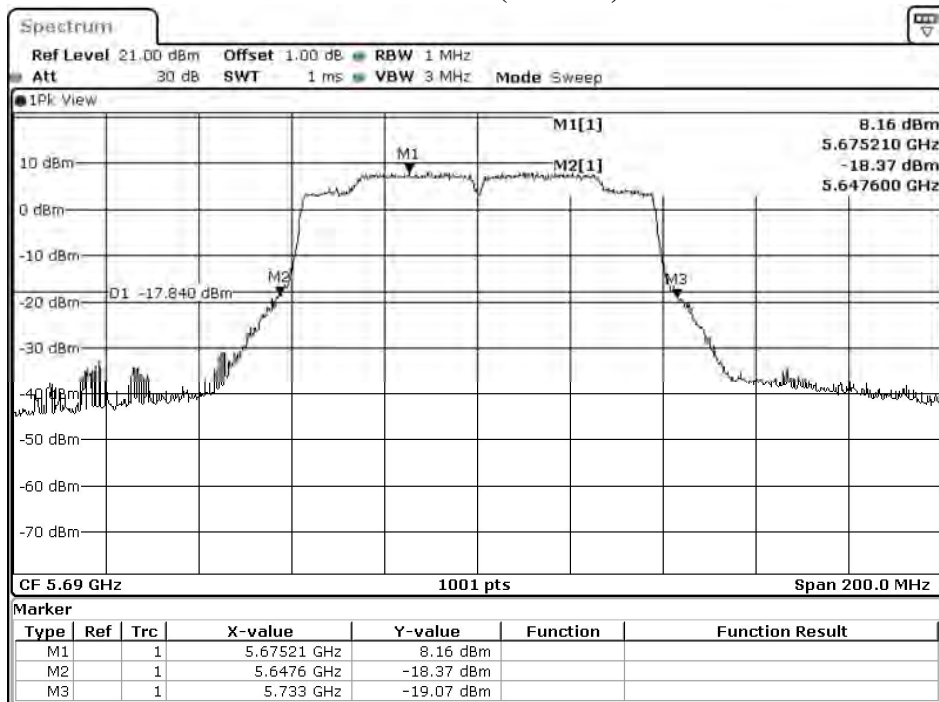
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

26dB Occupied Bandwidth: Channel 138 (Chain A)



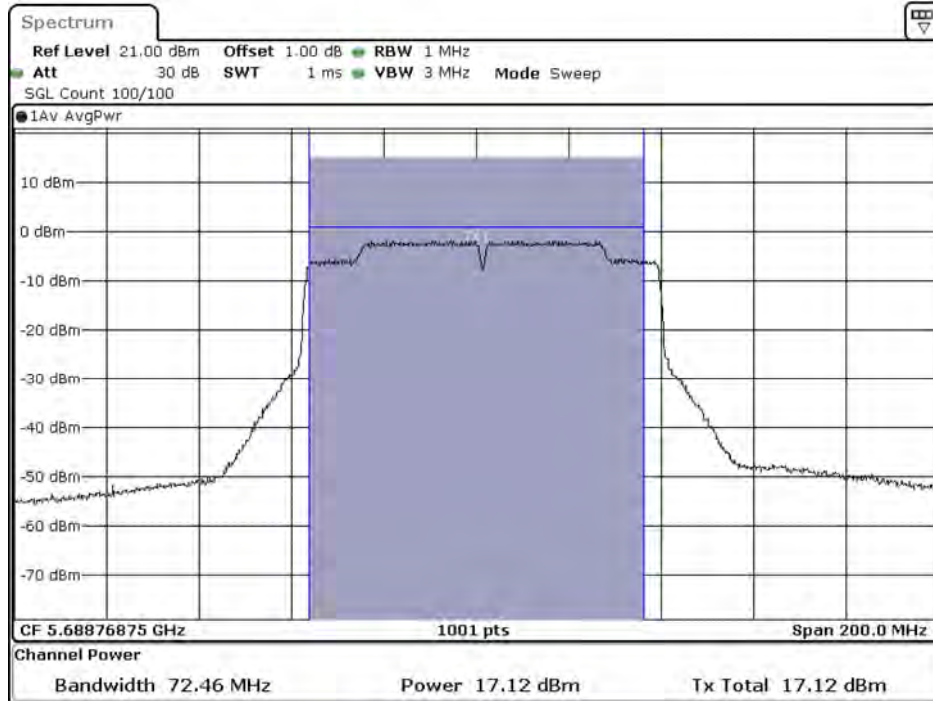
Date: 22.FEB.2022 19:54:56

Channel 138 (Chain B)



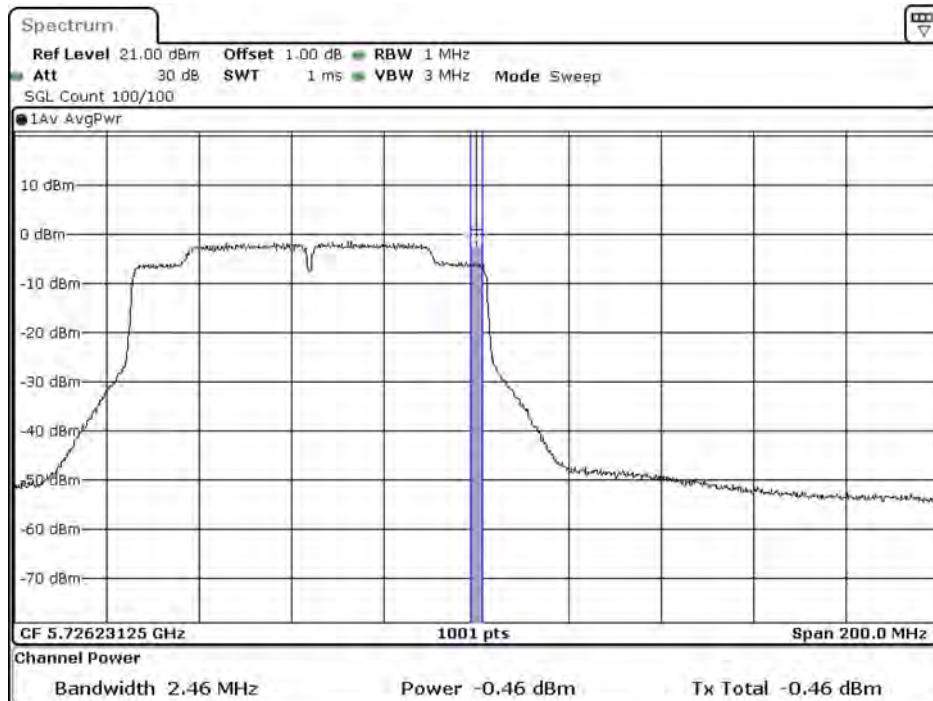
Date: 22.FEB.2022 19:50:49

**Maximum conducted output power:
Channel 138(U-NII-2C) (Chain B)**



Date: 22.FEB.2022 19:51:14

**Maximum conducted output power:
Channel 138(U-NII-3) (Chain B)**



Date: 22.FEB.2022 19:51:36

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 22 MIMO: Transmit (802.11ac-160BW_130Mbps)

Chain A

Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
50 (U-NII-1)	5250	12.29	12.24	12.15	12.07	11.98	11.93	11.88	11.82	11.74	11.66
50 (U-NII-2A)	5250	12.23	12.18	12.09	12.06	12	11.92	11.83	11.73	11.7	11.63
114	5570	15.29	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate									
		VHT0	VHT1	VHT2	VHT3	VHT4	VHT5	VHT6	VHT7	VHT8	VHT9
50 (U-NII-1)	5250	11.72	11.66	11.63	11.54	11.44	11.4	11.3	11.25	11.16	11.12
50 (U-NII-2A)	5250	11.7	11.63	11.54	11.51	11.42	11.35	11.31	11.26	11.16	11.13
114	5570	14.8	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

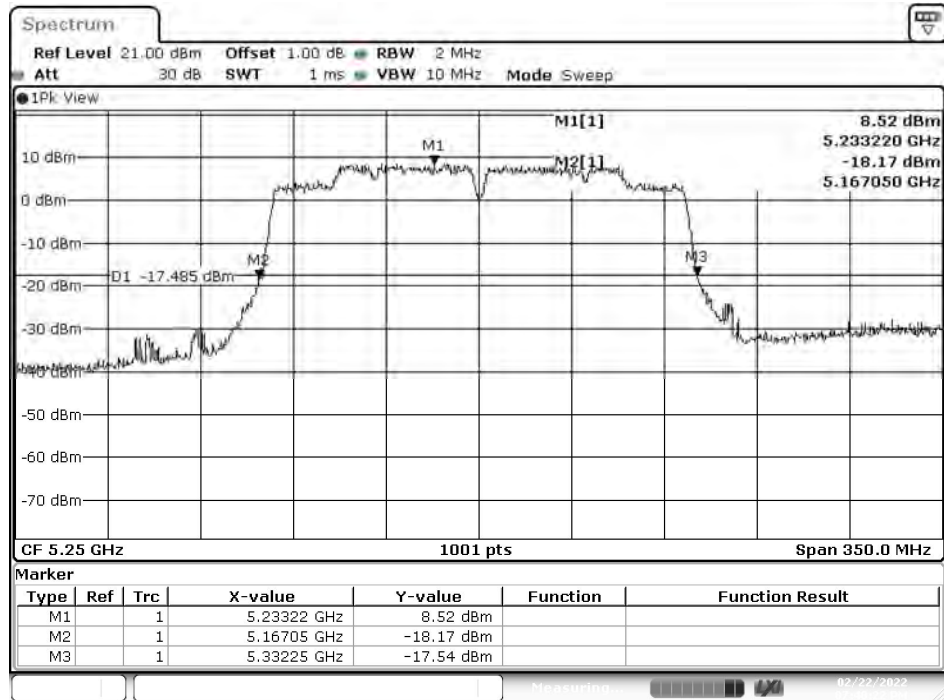
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
50 (U-NII-1)	5250	--	12.29	11.72	15.02	24	--	Pass
50 (U-NII-2A)	5250	82.25	12.23	11.70	14.98	24	30.15	Pass
114	5570	165.20	15.29	14.80	18.06	24	33.18	Pass

Note:

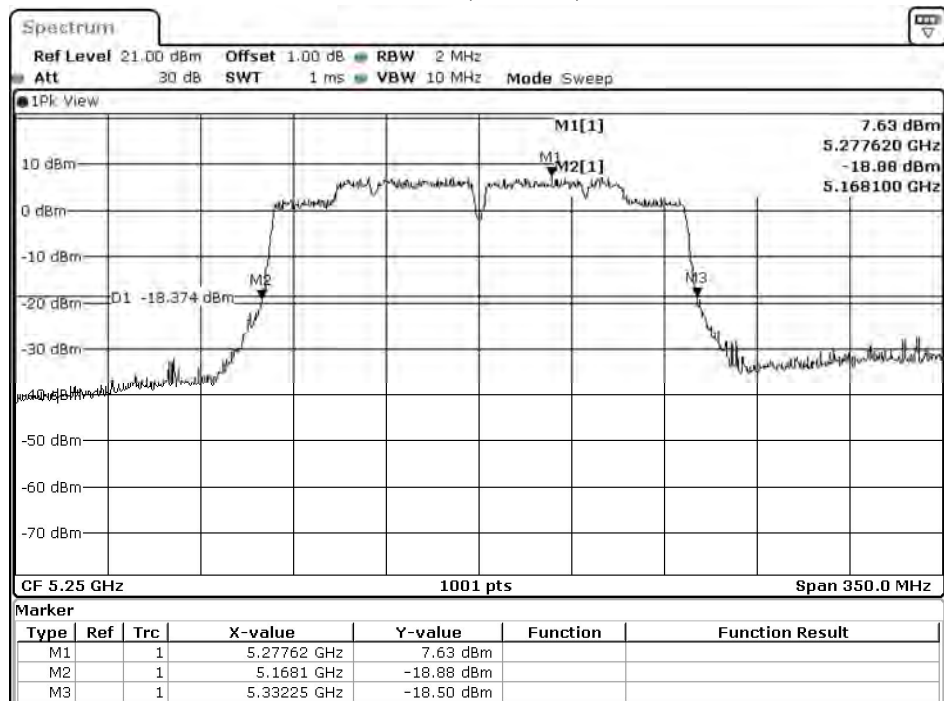
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

26dB Occupied Bandwidth: Channel 50 (Chain A)



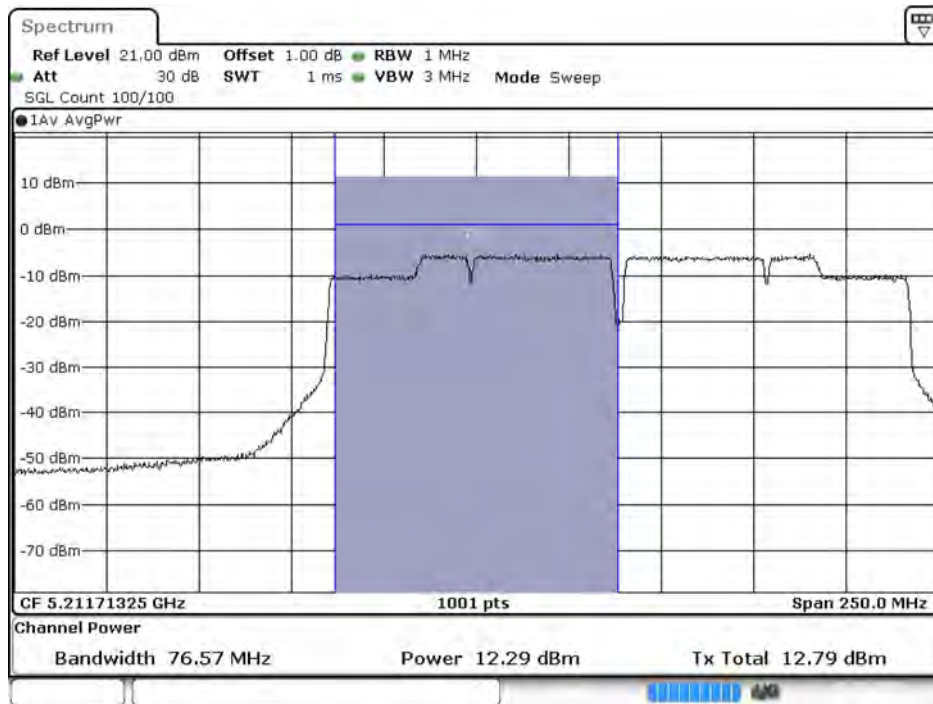
Date: 22.FEB.2022 19:40:22

Channel 50 (Chain B)



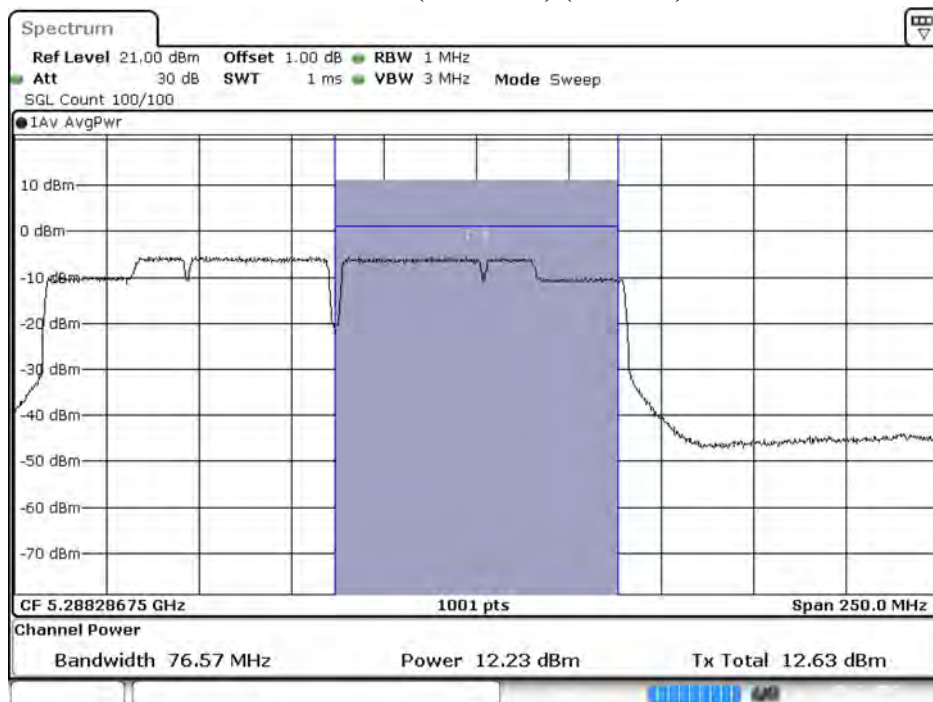
Date: 22.FEB.2022 19:36:15

**Maximum conducted output power:
Channel 50 (U-NII-1) (Chain A)**



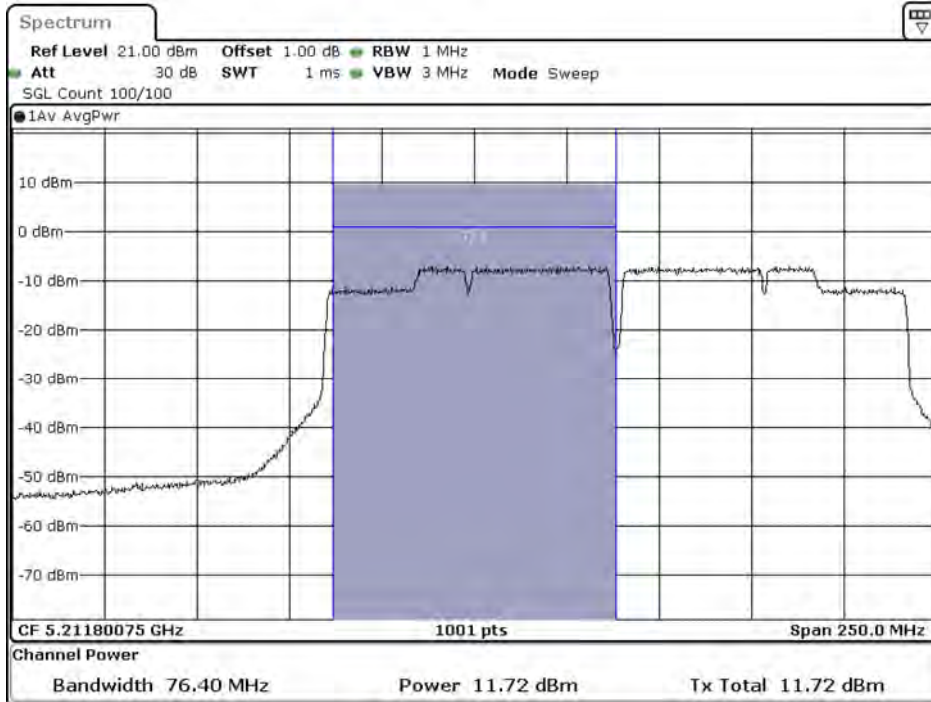
Date: 22.FEB.2022 19:40:47

**Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain A)**



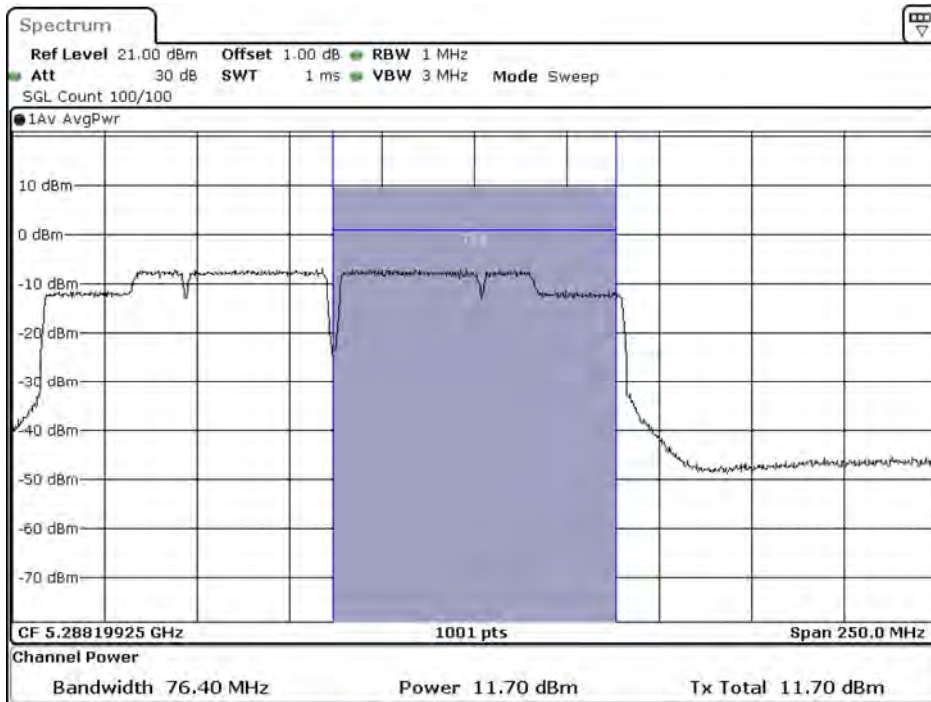
Date: 22.FEB.2022 19:41:11

**Maximum conducted output power:
Channel 50 (U-NII-1) (Chain B)**



Date: 22.FEB.2022 19:36:40

**Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain B)**



Date: 22.FEB.2022 19:37:03

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 23: MIMO: Transmit (802.11ax-20BW_17.2Mbps)

Chain A**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
36	5180	17.25	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.13	17.06	16.97	16.88	16.84	16.81	16.75	16.65	16.55	16.52	16.47	16.4
48	5240	17.17	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.18	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.15	17.05	16.99	16.9	16.87	16.83	16.77	16.72	16.63	16.55	16.47	16.39
64	5320	17.12	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.11	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.22	17.15	17.06	16.97	16.9	16.8	16.75	16.65	16.57	16.47	16.37	16.33
140	5700	17.17	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.44	16.38	16.35	16.26	16.21	16.14	16.08	15.99	15.91	15.83	15.79	15.72
144(U-NII-3)	5720	9.45	9.36	9.28	9.22	9.15	9.07	8.97	8.92	8.89	8.82	8.72	8.67
149	5745	17.07	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.27	17.17	17.07	17.01	16.91	16.83	16.79	16.69	16.59	16.54	16.5	16.45
165	5825	17.09	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
36	5180	17.17	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.16	17.12	17.02	16.99	16.92	16.85	16.76	16.66	16.57	16.49	16.39	16.32
48	5240	17.2	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.17	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.16	17.1	17	16.94	16.87	16.82	16.73	16.7	16.62	16.58	16.55	16.51
64	5320	17.21	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.4	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.26	17.17	17.09	17.03	16.99	16.91	16.88	16.78	16.68	16.58	16.5	16.45
140	5700	17.27	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.5	16.42	16.34	16.29	16.21	16.13	16.05	16.02	15.94	15.85	15.78	15.7
144(U-NII-3)	5720	9.38	9.34	9.29	9.19	9.13	9.03	8.95	8.86	8.83	8.78	8.74	8.65
149	5745	17.22	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.24	17.2	17.17	17.08	17.05	16.99	16.96	16.88	16.81	16.72	16.66	16.6
165	5825	17.21	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
36	5180	--	17.25	17.17	20.22	24	--	Pass
44	5220	--	17.13	17.16	20.16	24	--	Pass
48	5240	--	17.17	17.20	20.20	24	--	Pass
52	5260	23.15	17.18	17.17	20.19	24	24.65	Pass
60	5300	23.40	17.15	17.16	20.17	24	24.69	Pass
64	5320	23.50	17.12	17.21	20.18	24	24.71	Pass
100	5500	23.40	17.11	17.40	20.27	24	24.69	Pass
116	5580	23.05	17.22	17.26	20.25	24	24.63	Pass
140	5700	23.10	17.17	17.27	20.23	24	24.64	Pass
144(U-NII-2C)	5720	16.70	16.44	16.50	19.48	24	23.23	Pass
144(U-NII-3)	5720	--	9.45	9.38	12.43	30	--	Pass
149	5745	--	17.07	17.22	20.16	30	--	Pass
157	5785	--	17.27	17.24	20.27	30	--	Pass
165	5825	--	17.09	17.21	20.16	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Chain A
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Lim
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
36/5180	26/0	10.22	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/37	13.41	13.37	13.34	13.29	13.24	13.19	13.16	13.10	13.07	13.03	12.99	12.92	<24dBm	
	106/53	16.37	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
64/5320	26/8	10.44	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/40	13.28	13.21	13.16	13.12	13.05	13.00	12.96	12.91	12.84	12.80	12.76	12.71	<24dBm	
	106/54	16.53	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
100/5500	26/0	10.27	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/37	13.22	13.17	13.11	13.04	12.98	12.92	12.87	12.82	12.75	12.69	12.65	12.59	<24dBm	
	106/53	16.17	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
140/5700	26/8	10.36	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/40	13.25	13.21	13.14	13.08	13.01	12.95	12.92	12.86	12.82	12.75	12.72	12.66	<24dBm	
	106/54	16.29	--	--	--	--	--	--	--	--	--	--	--	<30dBm	
149/5745	26/0	14.01	--	--	--	--	--	--	--	--	--	--	--	<30dBm	
	52/37	16.98	16.95	16.91	16.88	16.85	16.78	16.75	16.69	16.66	16.61	16.56	16.53	<30dBm	
	106/53	16.88	--	--	--	--	--	--	--	--	--	--	--	<30dBm	

Chain B**RU config: Other**

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Lim
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
36/5180	26/0	10.46	--	--	--	--	--	--	--	--	--	--	--	--	<24dBm
	52/37	13.36	13.32	13.28	13.22	13.16	13.10	13.03	13.00	12.93	12.88	12.84	12.78	<24dBm	
	106/53	16.28	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
64/5320	26/8	10.41	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/40	13.37	13.33	13.28	13.24	13.19	13.16	13.12	13.06	13.01	12.94	12.88	12.84	<24dBm	
	106/54	16.29	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
100/5500	26/0	10.28	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/37	13.26	13.22	13.17	13.12	13.08	13.01	12.94	12.89	12.84	12.77	12.70	12.66	<24dBm	
	106/53	16.42	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
140/5700	26/8	10.45	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
	52/40	13.18	13.13	13.08	13.02	12.98	12.93	12.90	12.86	12.82	12.79	12.73	12.68	<24dBm	
	106/54	16.42	--	--	--	--	--	--	--	--	--	--	--	<30dBm	
149/5745	26/0	13.95	--	--	--	--	--	--	--	--	--	--	--	<30dBm	
	52/37	16.89	16.83	16.79	16.74	16.69	16.64	16.59	16.55	16.52	16.45	16.41	16.35	<30dBm	
	106/53	16.91	--	--	--	--	--	--	--	--	--	--	--	<30dBm	

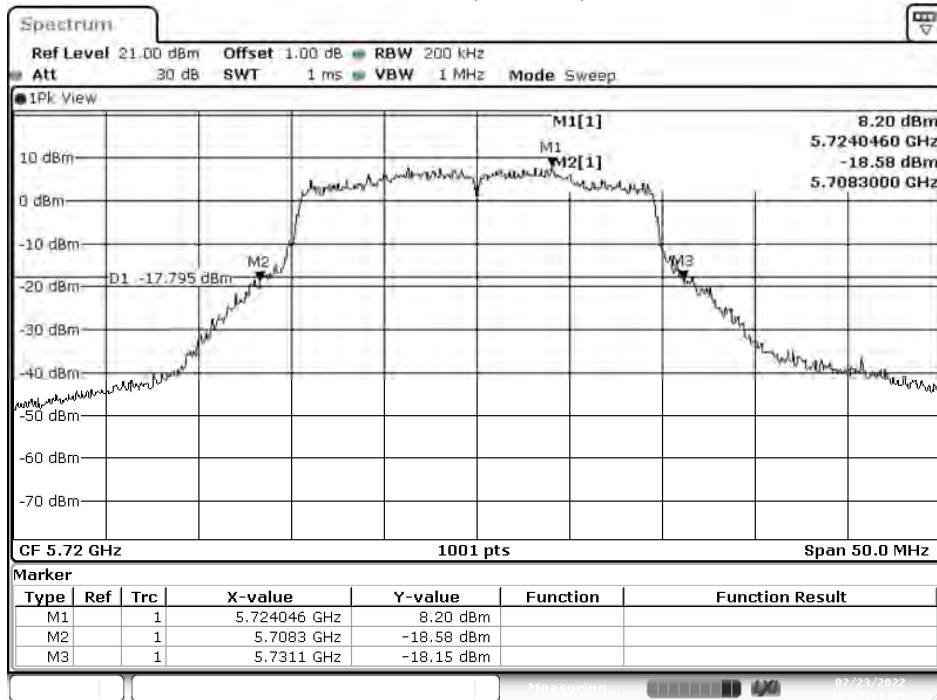
Maximum conducted output power Measurement:

Channel No / Frequency Range	RU setting	26dB Bandwidth	Chain A Power	Chain B Power	Output Power Limit	Output power limit		Result
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log(BW)	
36/5180	26/0	--	10.22	10.46	13.35	24	--	Pass
	52/37	--	13.41	13.36	16.40	24	--	Pass
	106/53	--	16.37	16.28	19.34	24	--	Pass
64/5320	26/8	20.270	10.44	10.41	13.44	24	24.07	Pass
	52/40	20.320	13.28	13.37	16.34	24	24.08	Pass
	106/54	23.470	16.53	16.29	19.42	24	24.71	Pass
100/5500	26/0	20.470	10.27	10.28	13.29	24	24.11	Pass
	52/37	20.920	13.22	13.26	16.25	24	24.21	Pass
	106/53	22.220	16.17	16.42	19.31	24	24.47	Pass
140/5700	26/8	20.220	10.36	10.45	13.42	24	24.06	Pass
	52/40	20.470	13.25	13.18	16.23	30	24.11	Pass
	106/54	23.070	16.29	16.42	19.37	30	24.63	Pass
149/5745	26/0	--	14.01	13.95	16.99	30	--	Pass
	52/37	--	16.98	16.89	19.95	30	--	Pass
	106/53	--	16.88	16.91	19.91	30	--	Pass

Note:

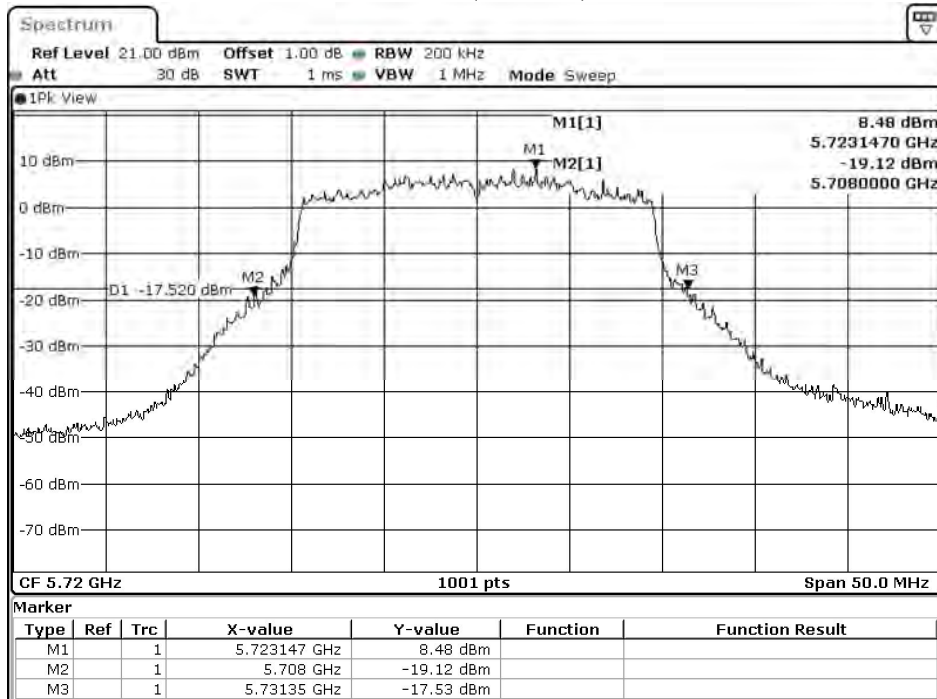
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

RU config: Full
26dB Occupied Bandwidth:
Channel 144 (Chain A)



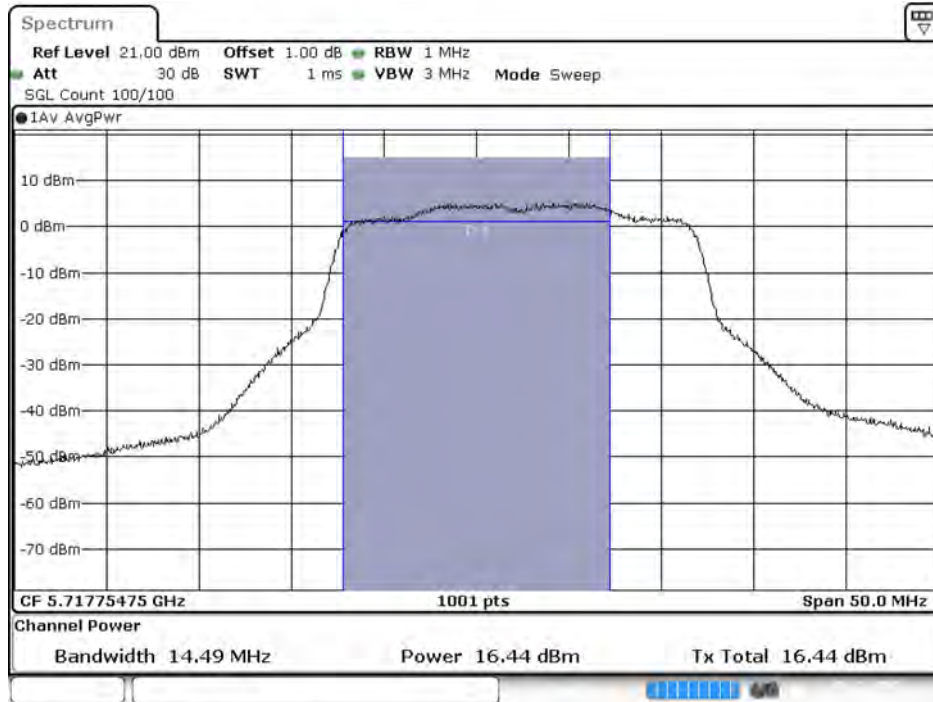
Date: 23.FEB.2022 10:17:35

Channel 144 (Chain B)



Date: 23.FEB.2022 10:13:29

RU config: Full
Maximum conducted output power:
Channel 144(U-NII-2C) (Chain A)



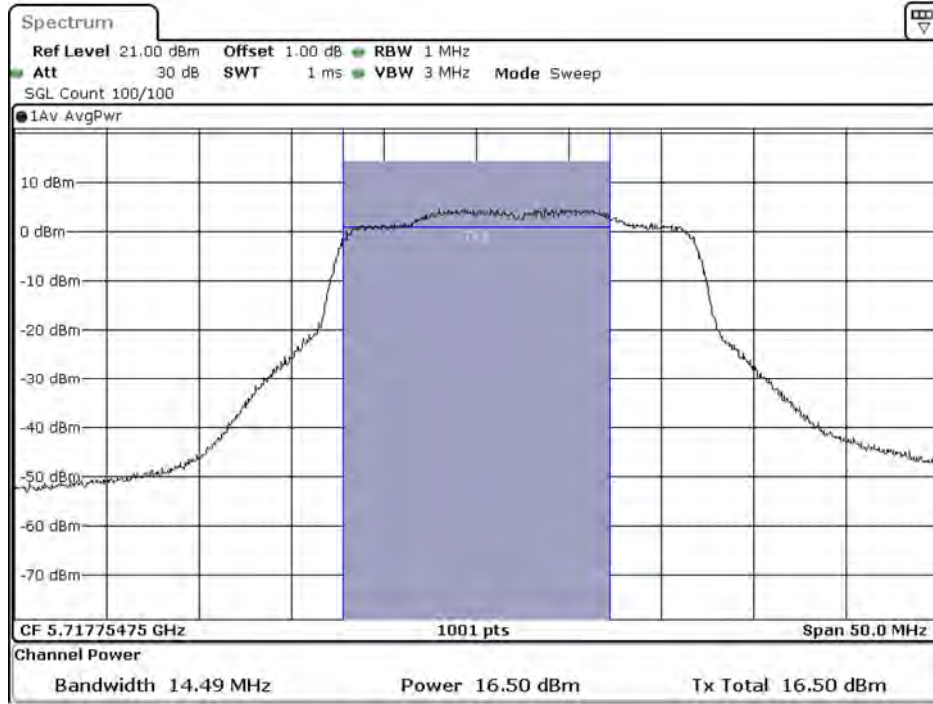
Date: 23.FEB.2022 10:17:59

Maximum conducted output power:
Channel 144(U-NII-3) (Chain A)



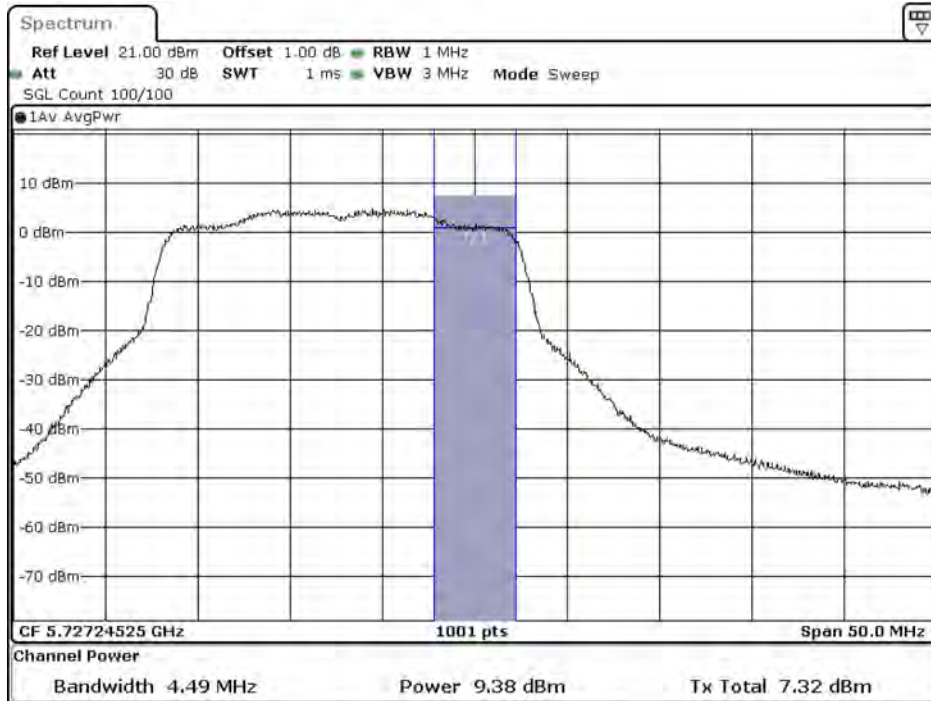
Date: 23.FEB.2022 10:18:23

**Maximum conducted output power:
Channel 144(U-NII-2C) (Chain B)**



Date: 23 FEB.2022 10:13:53

**Maximum conducted output power:
Channel 144(U-NII-3) (Chain B)**



Date: 23 FEB.2022 10:14:16

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 24: MIMO: Transmit (802.11ax-40BW_34.4Mbps)

Chain A**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
38	5190	17.29	--	--	--	--	--	--	--	--	--	--	--
46	5230	17.16	17.08	17.02	16.95	16.85	16.77	16.73	16.67	16.61	16.55	16.49	16.45
54	5270	17.21	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.19	17.11	17.08	17.01	16.98	16.92	16.85	16.78	16.69	16.62	16.55	16.49
102	5510	17.25	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.18	17.14	17.09	17.03	16.98	16.94	16.87	16.84	16.79	16.72	16.66	16.56
134	5670	17.18	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	16.96	16.86	16.83	16.73	16.64	16.54	16.45	16.4	16.32	16.24	16.17	16.12
142(U-NII-3)	5710	4.83	4.76	4.69	4.65	4.59	4.52	4.44	4.38	4.34	4.25	4.15	4.12
151	5755	17.1	--	--	--	--	--	--	--	--	--	--	--
159	5795	17.17	17.13	17.09	17.03	16.95	16.89	16.84	16.79	16.71	16.63	16.59	16.55

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
38	5190	17.12	--	--	--	--	--	--	--	--	--	--	--
46	5230	17.15	17.06	17	16.9	16.82	16.77	16.72	16.64	16.61	16.57	16.47	16.38
54	5270	17.1	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.25	17.22	17.13	17.07	17.03	17	16.91	16.85	16.79	16.75	16.7	16.67
102	5510	17.33	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.26	17.2	17.12	17.06	16.99	16.94	16.91	16.83	16.78	16.73	16.69	16.62
134	5670	17.41	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	16.95	16.9	16.87	16.77	16.69	16.65	16.58	16.55	16.46	16.39	16.34	16.25
142(U-NII-3)	5710	4.9	4.8	4.76	4.69	4.59	4.51	4.45	4.35	4.28	4.21	4.11	4.07
151	5755	17.19	--	--	--	--	--	--	--	--	--	--	--
159	5795	17.26	17.18	17.08	17.01	16.93	16.84	16.74	16.71	16.64	16.58	16.48	16.4

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
38	5190	--	17.29	17.12	20.216	24	--	Pass
46	5230	--	17.16	17.15	20.165	24	--	Pass
54	5270	41.90	17.21	17.10	20.166	24	27.22	Pass
62	5310	41.90	17.19	17.25	20.23	24	27.22	Pass
102	5510	42.30	17.25	17.33	20.3	24	27.26	Pass
110	5550	41.90	17.18	17.26	20.23	24	27.22	Pass
134	5670	42.00	17.18	17.41	20.307	24	27.23	Pass
142(U-NII-2C)	5710	36.60	10.69	10.69	13.70	24	26.63	Pass
142(U-NII-3)	5710	5.90	-1.14	-1.14	1.87	30	18.71	Pass
151	5755	--	17.10	17.19	20.156	30	--	Pass
159	5795	--	17.17	17.26	20.226	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Chain A

RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limi
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
38 / 5190	242/61	17.01	--	--	--	--	--	--	--	--	--	--	--	--	<24dBm
62 / 5310	242/62	17.03	16.99	16.95	16.92	16.86	16.80	16.77	16.72	16.66	16.61	16.56	16.49	<24dBm	
102 / 5510	242/61	17.15	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
134 / 5670	242/62	17.06	16.99	16.94	16.88	16.81	16.75	16.69	16.64	16.58	16.52	16.49	16.43	<24dBm	
151 / 5755	242/61	17.02	--	--	--	--	--	--	--	--	--	--	--	<24dBm	

Chain B

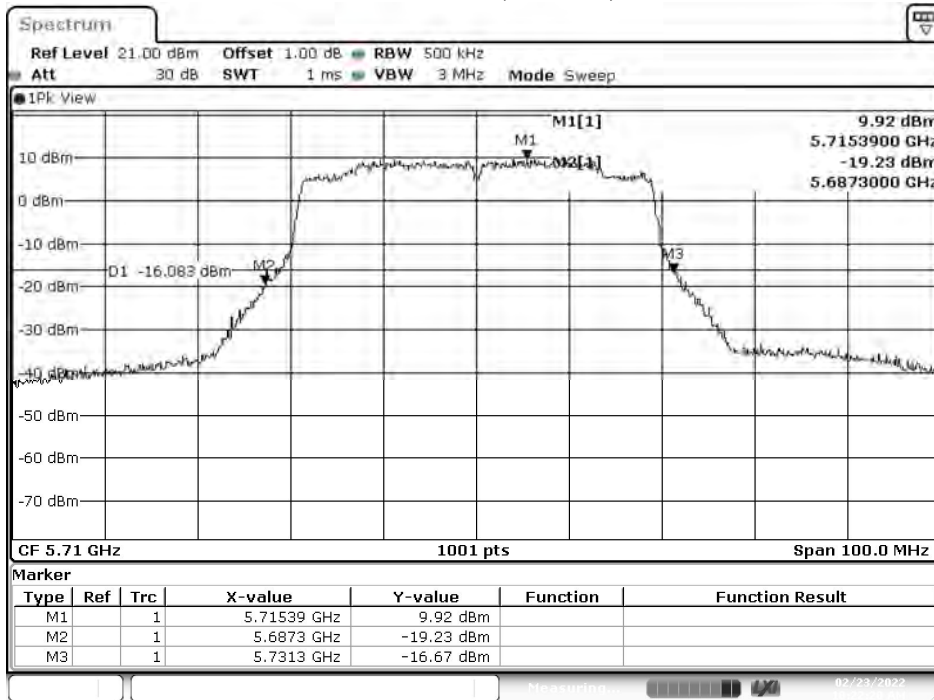
RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limi
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
38 / 5190	242/61	17.06	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
62 / 5310	242/62	17.11	17.04	16.98	16.92	16.88	16.81	16.76	16.71	16.64	16.58	16.52	16.48	<24dBm	
102 / 5510	242/61	17.19	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
134 / 5670	242/62	17.17	17.13	17.07	17.02	16.95	16.89	16.85	16.81	16.74	16.68	16.64	16.59	<24dBm	
151 / 5755	242/61	17.05	--	--	--	--	--	--	--	--	--	--	--	<24dBm	

Maximum conducted output power Measurement:

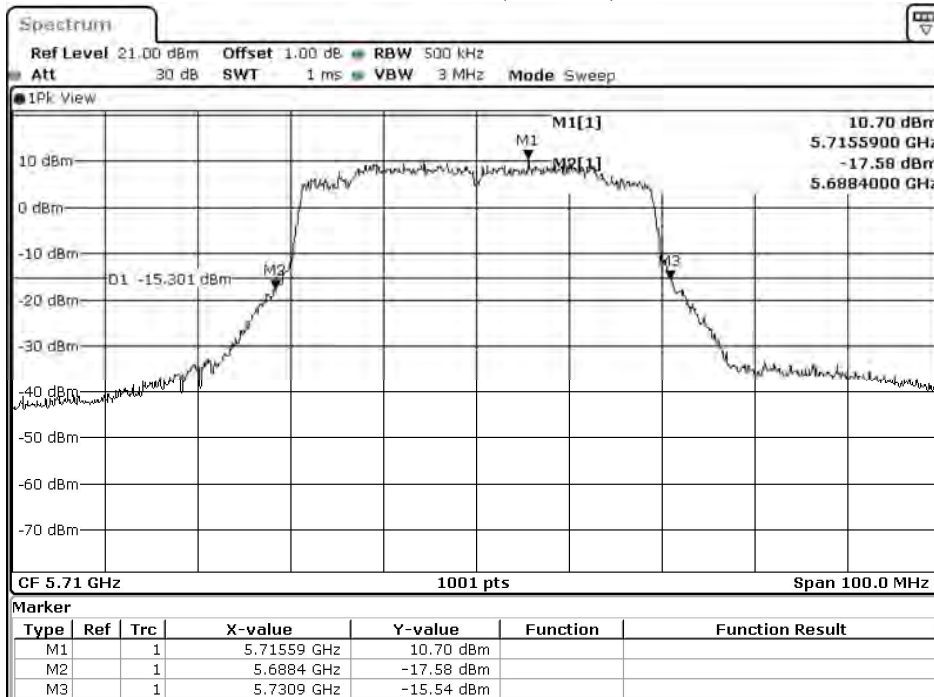
Channel No / Frequency Range	RU setting	26dB Bandwidth	Chain A Power	Chain B Power	Output Power Limit	Output power limit		Result
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log(BW)	
38 / 5190	242/61	--	17.01	17.06	20.05	24	--	Pass
62 / 5310	242/62	24.960	17.03	17.11	20.08	24	24.97	Pass
102 / 5510	242/61	24.960	17.15	17.19	20.18	24	24.97	Pass
134 / 5670	242/62	24.910	17.06	17.17	20.13	24	24.96	Pass
151 / 5755	242/61	--	17.02	17.05	20.05	30	--	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 142 (Chain A)



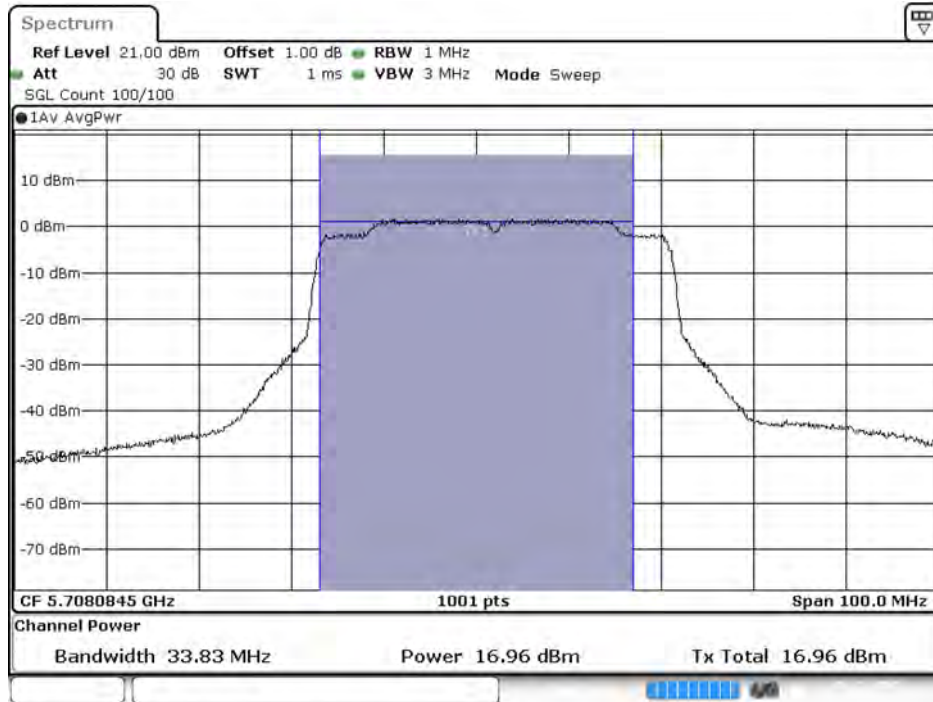
Date: 23.FEB.2022 10:22:21

Channel 142 (Chain B)



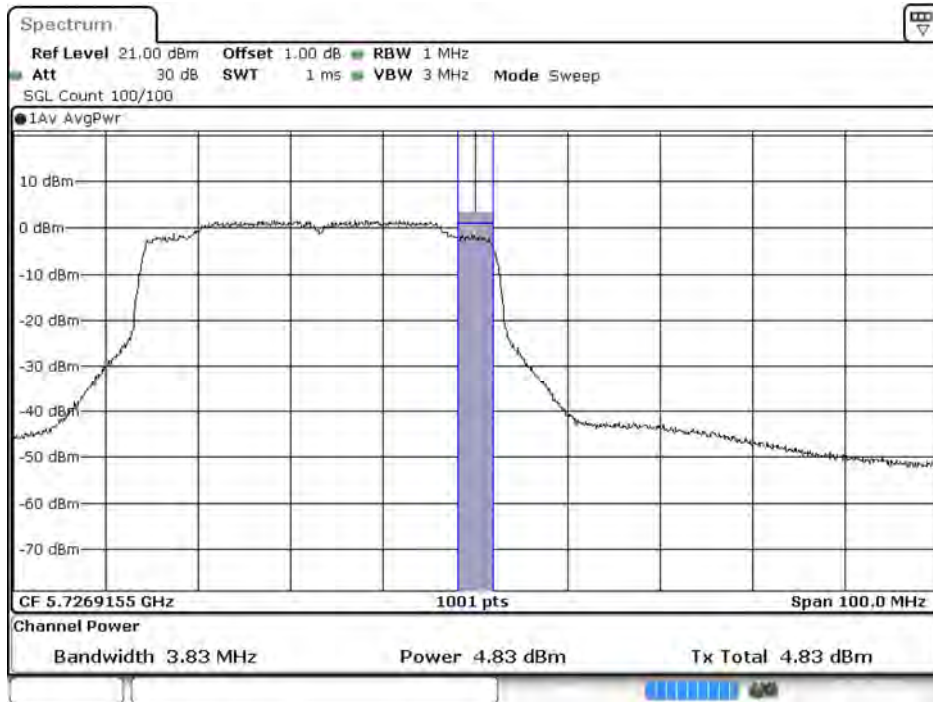
Date: 23.FEB.2022 10:18:15

RU config: Full
Maximum conducted output power:
Channel 142(U-NII-2C) (Chain A)



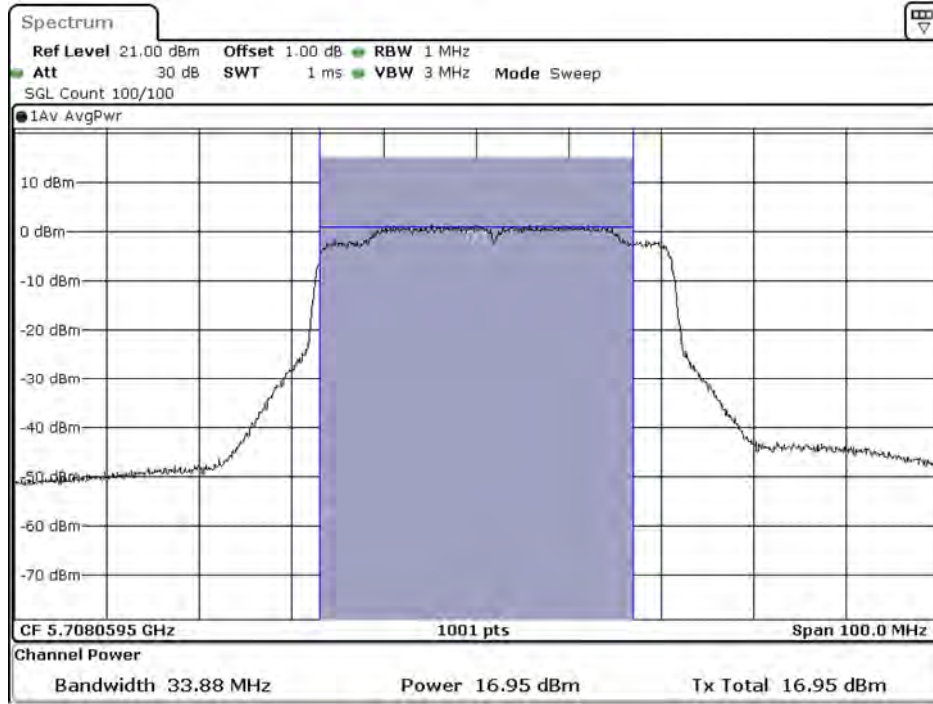
Date: 23.FEB.2022 10:22:45

Maximum conducted output power:
Channel 142(U-NII-3) (Chain A)



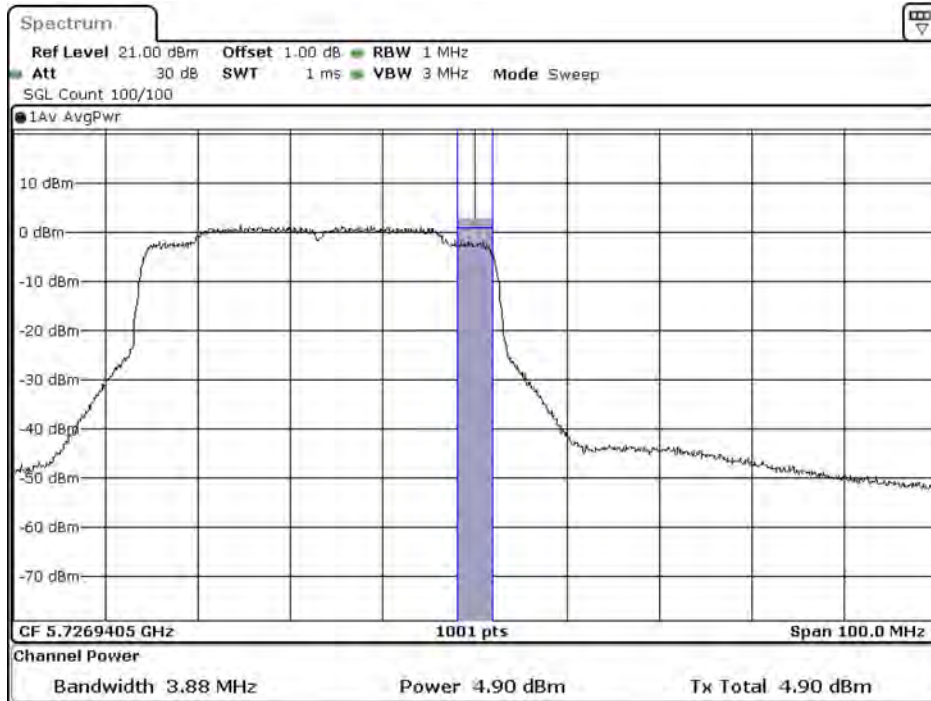
Date: 23.FEB.2022 10:23:09

**Maximum conducted output power:
Channel 142(U-NII-2C) (Chain B)**



Date: 23 FEB.2022 10:18:39

**Maximum conducted output power:
Channel 142(U-NII-3) (Chain B)**



Date: 23 FEB.2022 10:19:02

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 25: MIMO: Transmit (802.11ax-80BW_72.1Mbps)

Chain A

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	17.12	--	--	--	--	--	--	--	--	--	--	--
58	5290	17.17	17.1	17	16.92	16.89	16.79	16.7	16.65	16.57	16.48	16.45	16.38
106	5530	17.15	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.25	17.19	17.1	17.05	16.97	16.94	16.89	16.81	16.74	16.65	16.59	16.54
138 (U-NII-2C)	5690	17.17	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	0.63	0.58	0.55	0.48	0.4	0.34	0.28	0.2	0.12	0.05	0.02	-0.06
155	5775	17.35	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

RU config: Full

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	17.18	--	--	--	--	--	--	--	--	--	--	--
58	5290	17.07	17.04	16.99	16.91	16.85	16.8	16.71	16.63	16.55	16.47	16.37	16.28
106	5530	17.3	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.18	17.15	17.06	17.02	16.92	16.84	16.77	16.71	16.65	16.62	16.58	16.52
138 (U-NII-2C)	5690	17.31	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	0.62	0.57	0.47	0.38	0.31	0.21	0.16	0.11	0.05	-0.04	-0.12	-0.21
155	5775	17.24	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
42	5210	--	17.12	17.18	20.16	24	--	Pass
58	5290	83.00	17.17	17.07	20.131	24	30.19	Pass
106	5530	83.80	17.15	17.30	20.236	24	30.23	Pass
122	5610	82.40	17.25	17.18	20.225	24	30.16	Pass
138 (U-NII-2C)	5690	77.20	17.17	17.31	20.251	24	29.88	Pass
138 (U-NII-3)	5690	--	0.63	0.62	3.6353	30	--	Pass
155	5775	--	17.35	17.24	20.306	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Chain A**RU config: Other**

Channel No / Frequency Range (MHz)	RU setting	Maximum Conducted Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
42/5210	484/65	15.48	15.42	15.35	15.30	15.25	15.22	15.15	15.10	15.03	14.96	14.92	14.85	<24dBm	
58/5290	484/66	16.02	15.97	15.92	15.88	15.81	15.74	15.69	15.62	15.58	15.52	15.47	15.40	<24dBm	
106/5530	484/65	17.02	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
155/5775	484/66	17.08	17.02	16.99	16.92	16.85	16.81	16.75	16.71	16.64	16.59	16.53	16.47	<30dBm	

Chain B**RU config: Other**

Channel No / Frequency Range (MHz)	RU setting	Maximum Conducted Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
42/5210	484/65	15.37	15.31	15.24	15.19	15.14	15.08	15.01	14.96	14.90	14.86	14.80	14.76	<24dBm	
58/5290	484/66	16.05	15.99	15.93	15.88	15.81	15.76	15.70	15.66	15.61	15.57	15.54	15.48	<24dBm	
106/5530	484/65	17.01	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
155/5775	484/66	17.32	17.29	17.23	17.16	17.11	17.05	16.99	16.94	16.89	16.84	16.78	16.73	<30dBm	

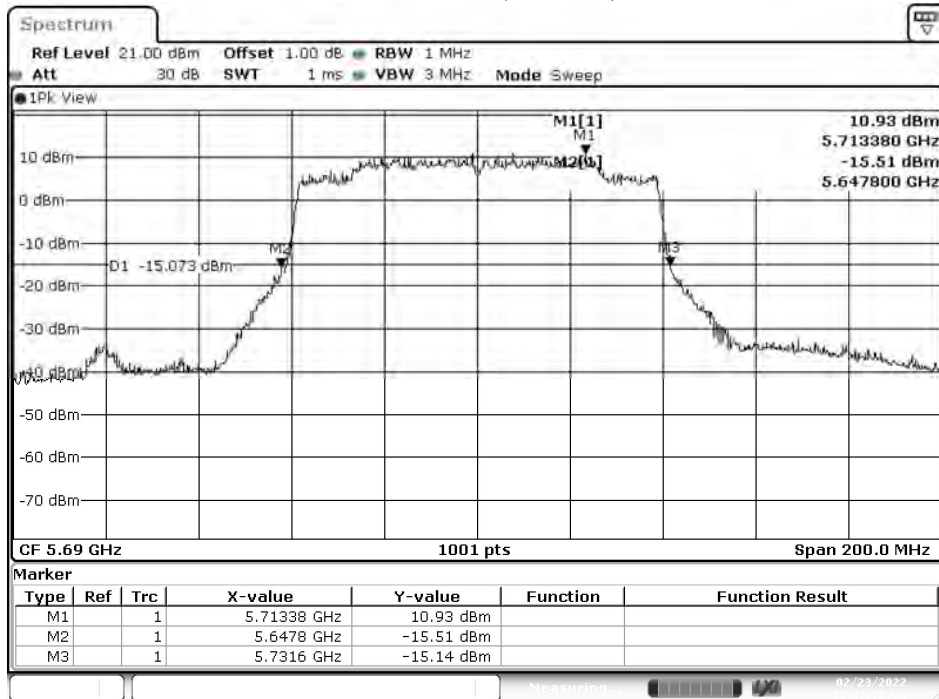
Maximum conducted output power Measurement:

Channel No / Frequency Range	RU setting	26dB Bandwidth	Chain A Power	Chain B Power	Output Power Limit	Output power limit		Result
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log(BW)	
42/5210	484/65	--	15.48	15.37	18.44	24	--	Pass
58/5290	484/66	44.680	16.02	16.05	19.05	24	27.50	Pass
106/5530	484/65	44.890	17.02	17.01	20.03	24	27.52	Pass
155/5775	484/66	--	17.08	17.32	20.21	30	--	Pass

Note:

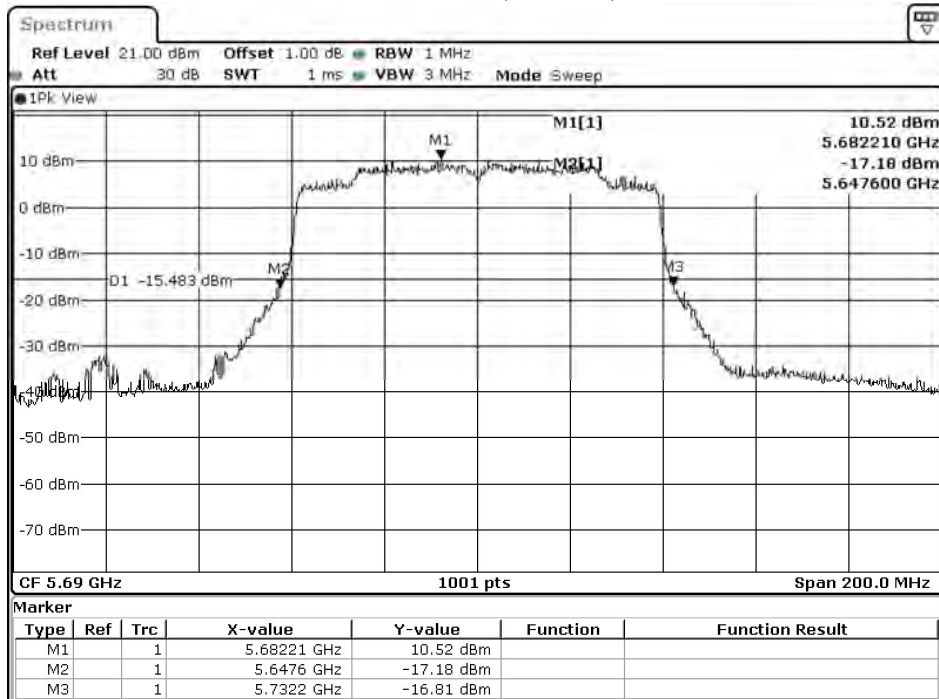
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

RU config: Full
26dB Occupied Bandwidth:
Channel 138 (Chain A)



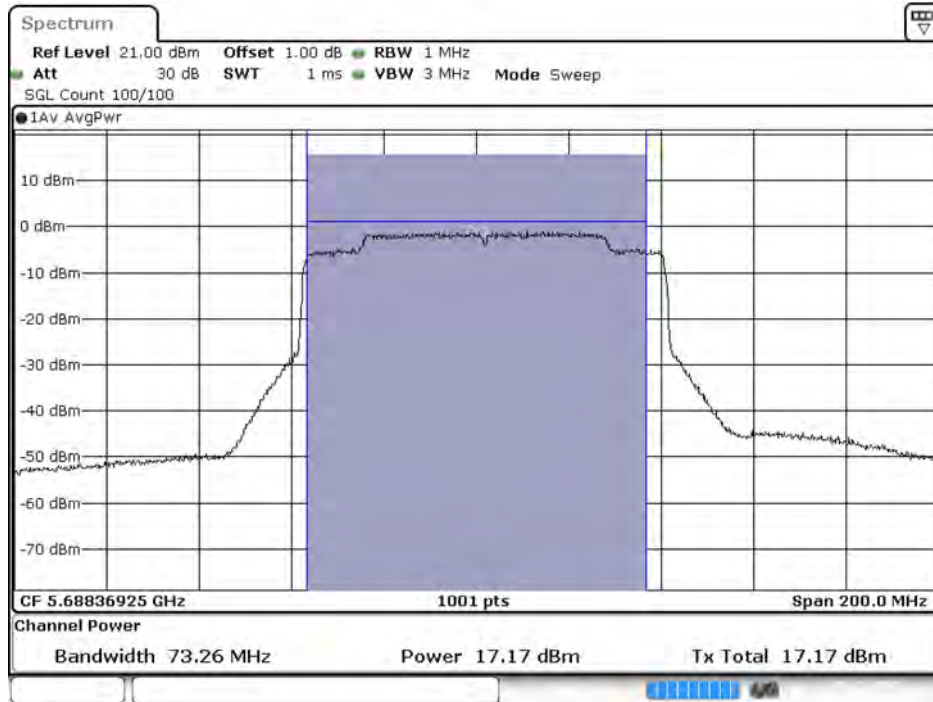
Date: 23.FEB.2022 10:41:42

Channel 138 (Chain B)



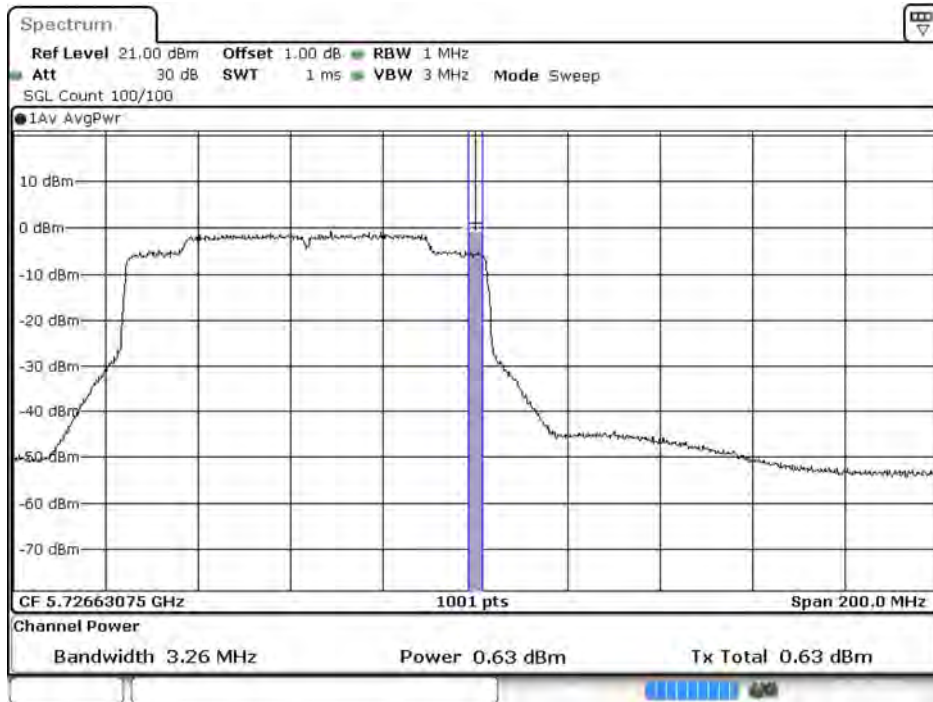
Date: 23.FEB.2022 10:37:36

RU config: Full
Maximum conducted output power:
Channel 138(U-NII-2C) (Chain A)



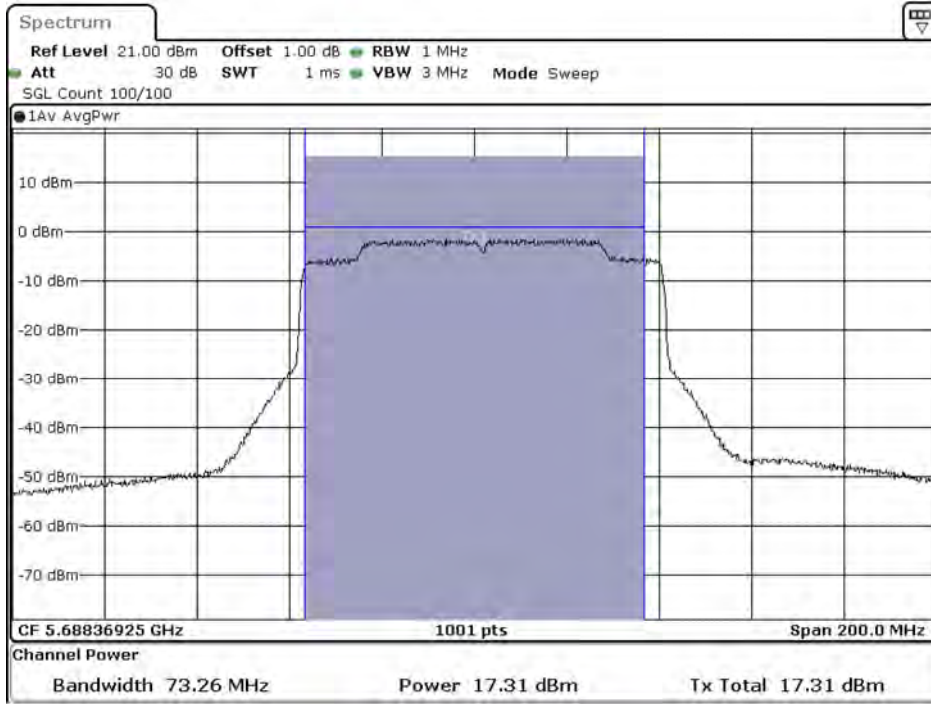
Date: 23.FEB.2022 10:42:06

Maximum conducted output power:
Channel 138(U-NII-3) (Chain A)



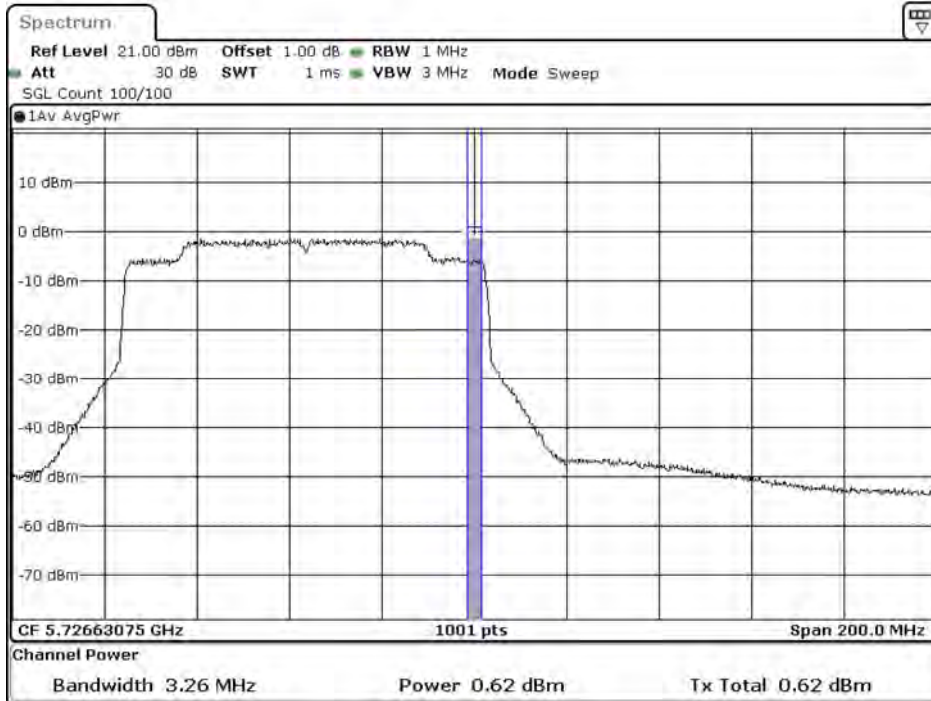
Date: 23.FEB.2022 10:42:29

**Maximum conducted output power:
Channel 138(U-NII-2C) (Chain B)**



Date: 23 FEB.2022 10:38:00

**Maximum conducted output power:
Channel 138(U-NII-3) (Chain B)**



Date: 23 FEB.2022 10:38:23

Product : Intel® Wi-Fi 6 AX200
 Test Item : Maximum conducted output power
 Test Date : 2022/02/23
 Test Mode : Mode 26: MIMO: Transmit (802.11ax-160BW_144.1Mbps)

Chain A**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50 (U-NII-1)	5250	11.89	--	--	--	--	--	--	--	--	--	--	--
50 (U-NII-2A)	5250	11.7	11.6	11.51	11.45	11.38	11.31	11.22	11.18	11.1	11.04	11	10.95
114	5570	15.19	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50 (U-NII-1)	5250	11.73	--	--	--	--	--	--	--	--	--	--	--
50 (U-NII-2A)	5250	11.65	11.61	11.54	11.48	11.45	11.37	11.33	11.24	11.16	11.12	11.03	10.99
114	5570	14.86	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Duty factor (dB)	Output Power Limit		Result
							(dBm)	dBm+10log(BW)	
50 (U-NII-1)	5250	--	11.89	11.73	14.915	0.09	24	--	Pass
50 (U-NII-2A)	5250	82.60	11.7	11.65	14.78	0.09	24	21.68	Pass
114	5570	165.20	15.19	14.86	18.038	--	24	22.82	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Chain A

RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
50/5250	996/67	12.17	12.10	12.07	12.02	11.99	11.92	11.86	11.81	11.76	11.72	11.67	11.61	<24dBm	
	996/S67	12.03	11.99	11.92	11.87	11.80	11.74	11.70	11.66	11.60	11.55	11.51	11.48	<24dBm	
114/5570	996/67	15.11	15.06	14.99	14.94	14.88	14.84	14.81	14.77	14.71	14.65	14.59	14.56	<24dBm	
	996/S67	15.03	14.98	14.93	14.88	14.82	14.77	14.73	14.67	14.63	14.59	14.54	14.49	<24dBm	

Chain B

RU config: Other

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limit
		Data Rate													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
50/5250	996/67	11.39	11.35	11.29	11.25	11.21	11.16	11.09	11.05	10.98	10.94	10.87	10.81	<24dBm	
	996/S67	11.52	11.48	11.41	11.35	11.30	11.25	11.20	11.16	11.09	11.03	10.99	10.93	<24dBm	
114/5570	996/67	14.58	14.52	14.49	14.42	14.38	14.32	14.28	14.22	14.19	14.13	14.07	14.01	<24dBm	
	996/S67	14.62	14.59	14.54	14.49	14.44	14.37	14.30	14.26	14.23	14.17	14.11	14.06	<24dBm	

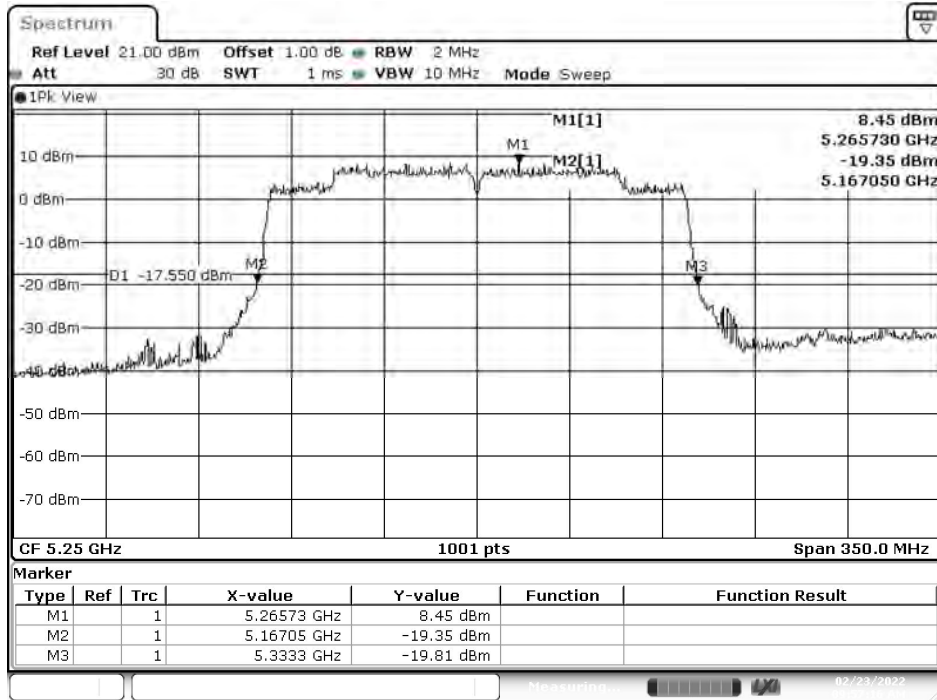
Maximum conducted output power Measurement:

Channel No / Frequency Range	RU setting	26dB Bandwidth	Chain A Power	Chain B Power	Output Power Limit	Output power limit		Result
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log(BW)	
50/5250	996/67	--	12.17	11.39	14.81	24	--	Pass
	996/S67	85.560	12.03	11.52	14.79	24	30.32	Pass
114/5570	996/67	85.560	15.11	14.58	17.86	24	30.32	Pass
	996/S67	85.560	15.03	14.62	17.84	24	30.32	Pass

Note:

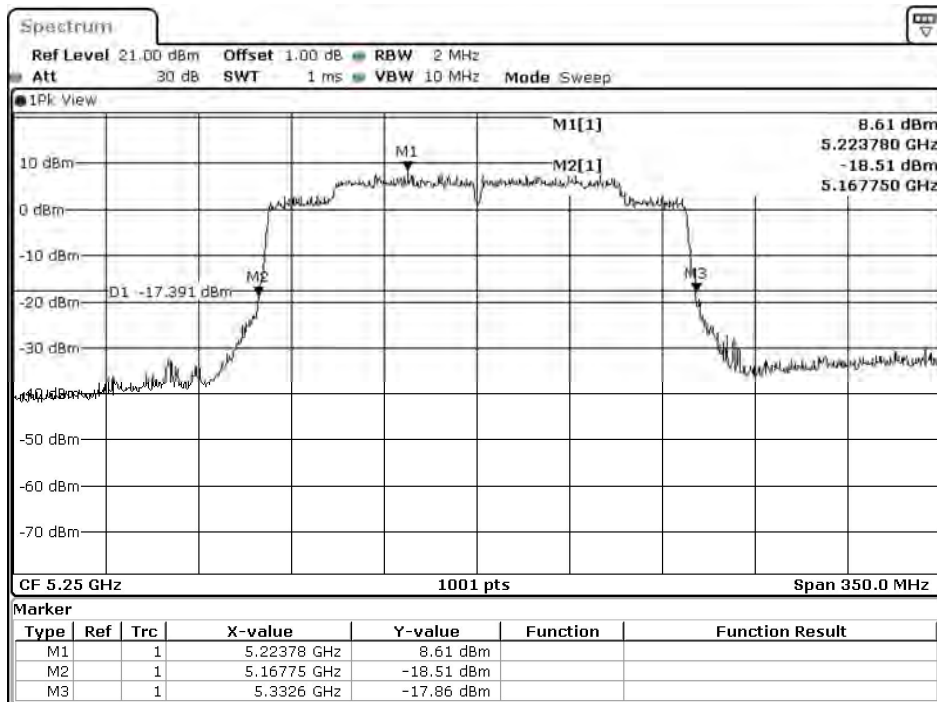
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

RU config: Full
26dB Occupied Bandwidth:
Channel 50 (Chain A)



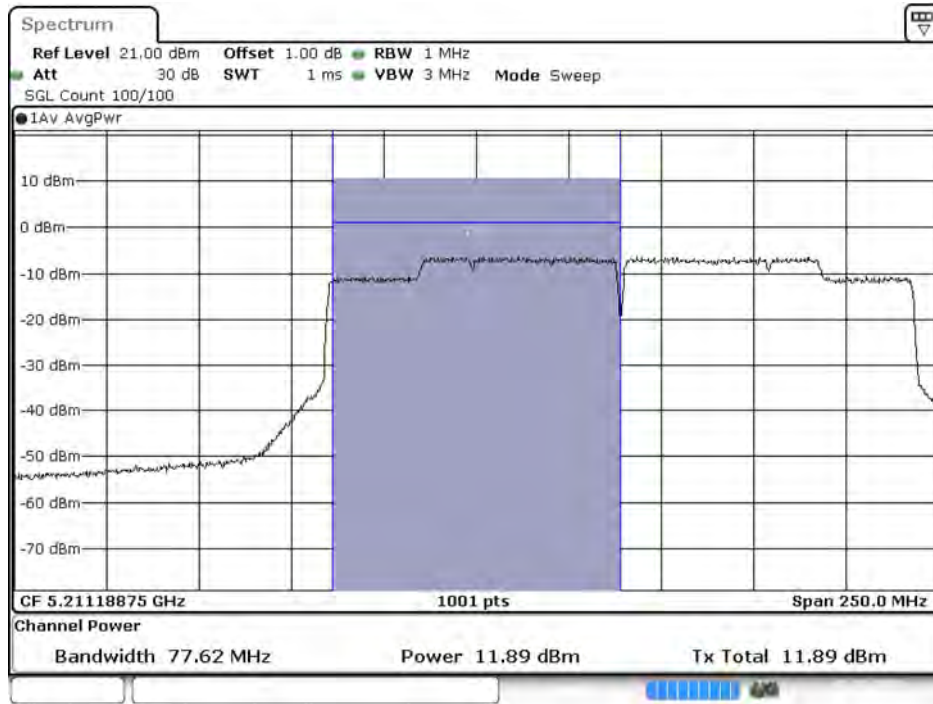
Date: 23.FEB.2022 09:57:16

Channel 50 (Chain B)



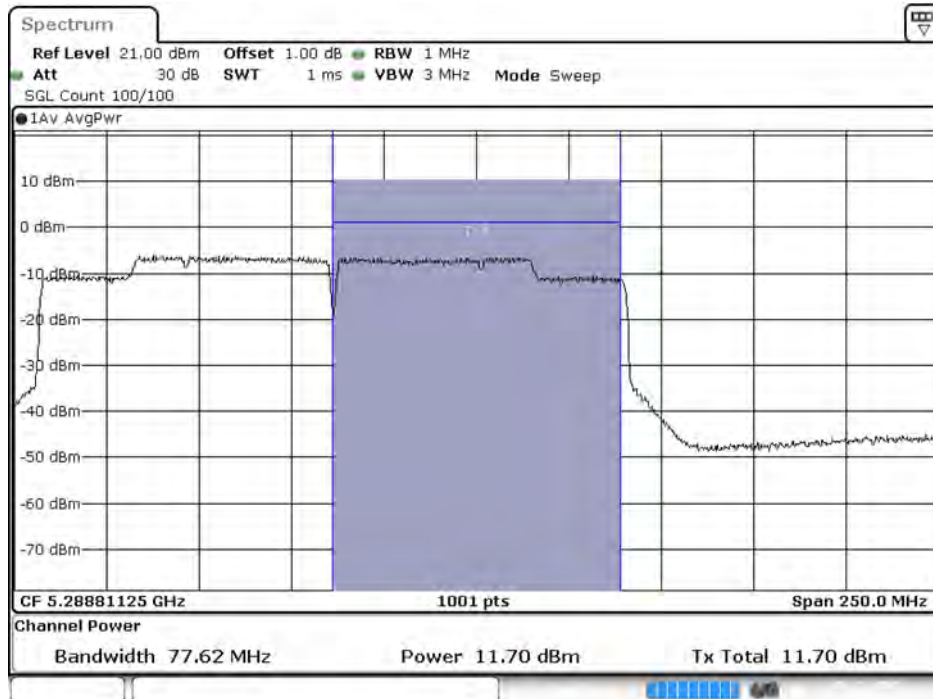
Date: 23.FEB.2022 09:53:10

RU config: Full
Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain A)



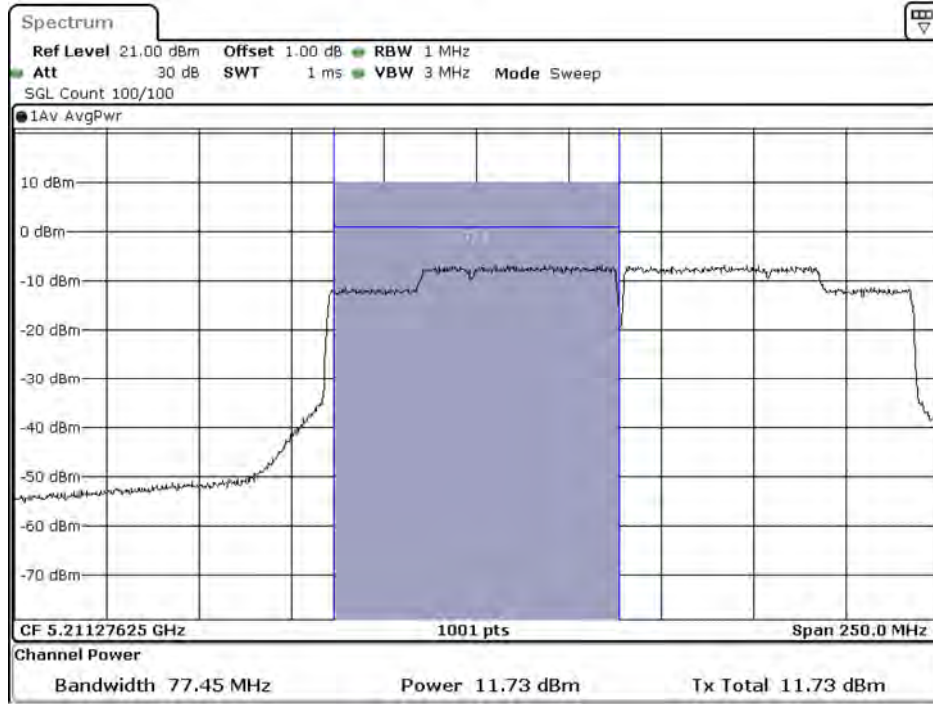
Date: 23.FEB.2022 09:57:41

Maximum conducted output power:
Channel 50 (U-NII-1) (Chain A)



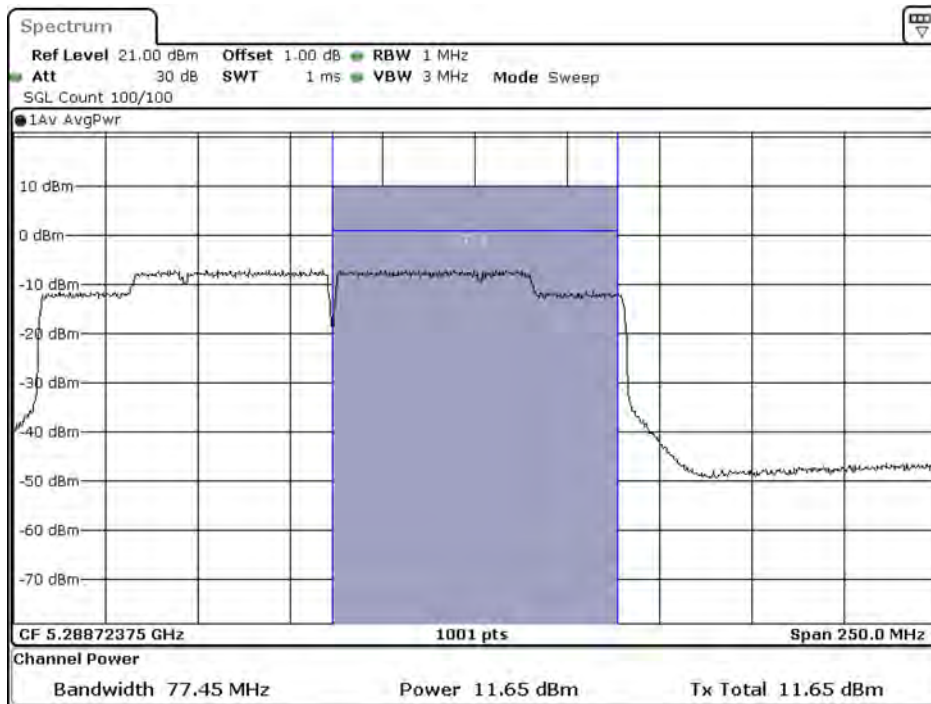
Date: 23.FEB.2022 09:58:05

**Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain B)**



Date: 23 FEB. 2022 09:53:35

**Maximum conducted output power:
Channel 50 (U-NII-1) (Chain B)**

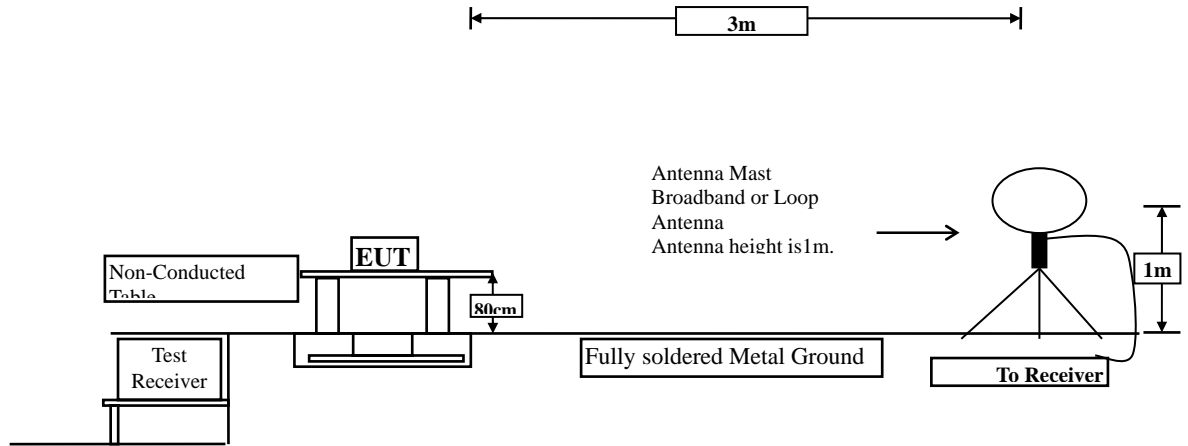


Date: 23 FEB. 2022 09:53:58

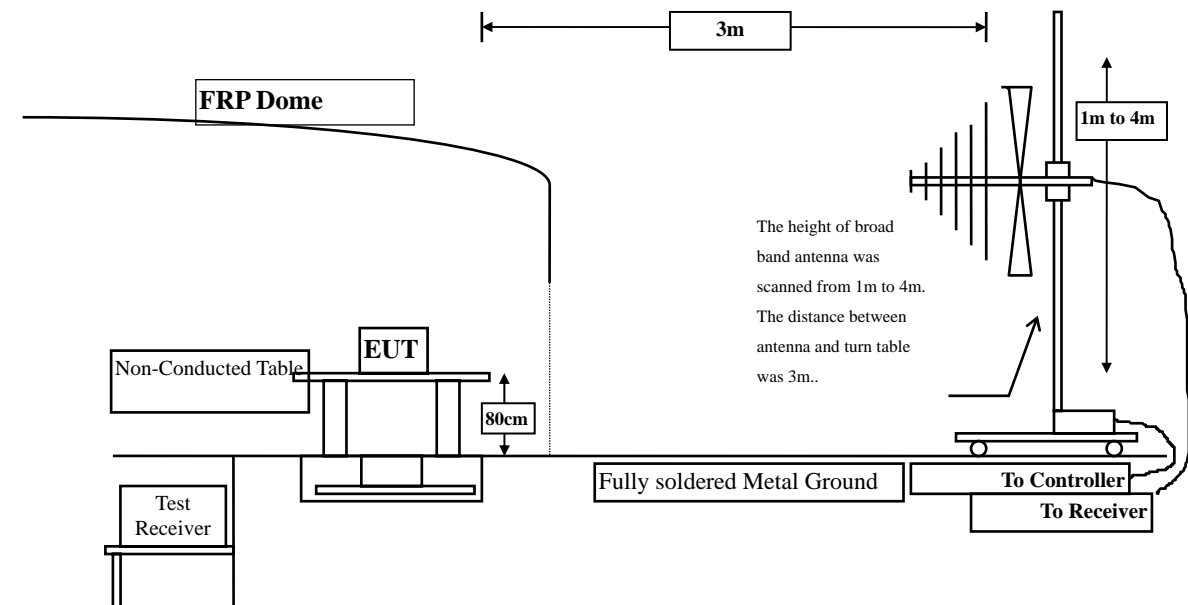
3. Radiated Emission

3.1. Test Setup

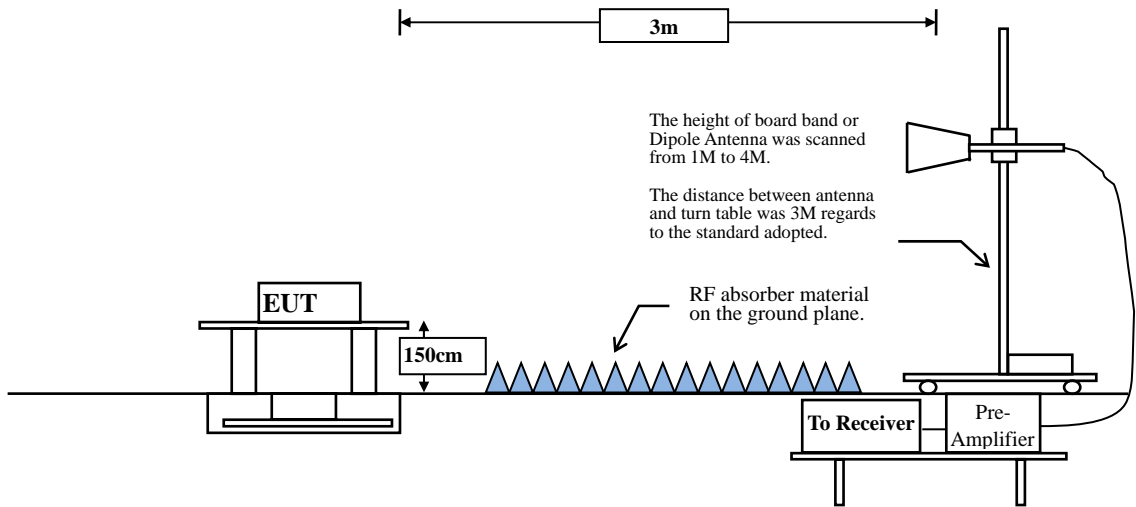
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



3.2. 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(a) 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: E field strength (dB μ V/m) = 20 log E field strength (uV/m)

3.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 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 worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

RBW and VBW Parameter setting:

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz.

RBW = 1MHz.

VBW \geq 3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions Measurements above 1000 MHz.

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

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 a	97.89	2.0900	478	500
802.11 n20	98.88	3.9800	251	10
802.11 n40	99.00	8.0480	124	10
802.11 ac80	98.88	3.9660	252	10
802.11 ac160	98.75	5.4540	183	10
802.11 ax20	98.40	2.5820	387	10
802.11 ax40	98.93	18.6620	54	10
802.11 ax80	98.86	8.8220	113	10
802.11 ax160	98.90	4.4760	223	10

Note: Duty Cycle Refer to Section 5.

SISO B

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 a	97.89	2.0860	479	500
802.11 n20	99.03	5.9470	168	10
802.11 n40	99.01	17.7870	56	10
802.11 ac80	99.06	10.9120	92	10
802.11 ac160	98.65	3.9600	253	10
802.11 ax20	98.39	2.5740	389	10
802.11 ax40	98.93	18.6540	54	10
802.11 ax80	98.89	8.9200	112	10
802.11 ax160	98.68	4.4700	224	10

Note: Duty Cycle Refer to Section 5.

MIMO

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 n20	98.95	5.9580	168	10
802.11 n40	99.08	8.9380	112	10
802.11 ac80	98.93	5.4580	183	10
802.11 ac160	98.30	2.7790	360	10
802.11 ax20	98.90	18.6190	54	10
802.11 ax40	99.06	9.2990	108	10
802.11 ax80	98.90	4.4770	223	10
802.11 ax160	97.85	2.2770	439	500

Note: Duty Cycle Refer to Section 5.

3.4. Test Result of Radiated Emission

SISO A

