TEST REPORT

EUT Description	**WLAN and BT, 2x2 PCIe M.2 1216 SD adapter card**
Brand Name	**Intel® Wi-Fi 6E AX210**
Model Name	**AX210D2W**
FCC ID	**PD9AX210D2**
Date of Test Start/End	**2020-12-17 /2020-12-18**
Features	**802.11ax, Dual Band, 2x2 Wi-Fi 6 + Bluetooth® 5.2** (see section 5)

Applicant	**Intel Mobile Communications**
Address	**100 Center Point Circle, Suite 200** **Columbia, South Carolina 29210** **USA**
Contact Person	**Steven Hackett**
Telephone/Fax/ Email	**steven.c.hackett@intel.com**

Reference Standards	**FCC CFR Title 47 Part 15 E** (see section 1)

Test Report identification	**200611-04.TR38**
Revision Control	**Rev. 00** **This test report revision replaces any previous test report revision** (see section 8)

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Table of Contents

1. Standards, reference documents and applicable test methods 3

2. General conditions, competences and guarantees 3

3. Environmental Conditions 3

4. Test samples 4

5. EUT Features 4

6. Remarks and comments 5

7. Test Verdicts summary 5

7.1. 802.11 A/N/AC/AX – U-NII-5 TO U-NII-8 5

8. Document Revision History 5

Annex A. Test & System Description 6

A.1 MEASUREMENT SYSTEM 6

A.2 TEST EQUIPMENT LIST 7

A.3 MEASUREMENT UNCERTAINTY EVALUATION 8

Annex B. Test Results 9

B.1 TEST CONDITIONS 9

B.2 TEST RESULTS TABLES 10

B.2.1 26dB & 99% Bandwidth 10

B.2.2 Power Limits. Maximum Output power & Maximum power spectral Density 19

B.2.3 Emissions mask 40

B.2.4 Contention-based protocol 41

B.2.5 Undesirable emission limits : Conducted 43

Annex C. System Plots 44

C.1.1 26dB & 99% bandwidth 44

C.1.2 Maximum Output Power & Maximum power spectral Density 47

C.1.3 In-Band Emissions (Mask) 60

C.1.4 Contention-based protocol 65

C.1.5 Undesirable emission limits : out of band (Conducted) 76

Annex D. Photographs 90

D.1 TEST SETUP 90

D.2 TEST SAMPLE 91

1. Standards, reference documents and applicable test methods

FCC	1. FCC Title 47 CFR part 15 – Subpart E – Unlicensed National Information Infrastructure Devices. 2019-10-01 Edition 2. FCC Title 47 eCFR part 15 – Subpart E - Unlicensed National Information Infrastructure Devices. 2020-07-30 Online edition 3. FCC Title 47 CFR part 15 – Subpart C – §15.209 Radiated emission limits; general requirements. 2019-10-01 Edition 4. FCC OET KDB draft 987594 D02 EMC Measurement - U-NII 6 GHz devices operating in the 5.925-7.125 GHz band, August 14, 2020 5. FCC OET KDB 987594 Addendum to draft for U-NII 6 GHz devices 5.925-7.125 GHz v01 DR02-44076, September 2, 2020 6. FCC OET KDB 789033 D02 v02r01 - General U-NII Test Procedures New Rules – Guidelines for compliance testing of Unlicensed National Information Infrastructure (U-NII) Devices (Part 15, Subpart E) 7. FCC OET KDB 662911 D01 v02r01 - Emissions Testing of Transmitters with Multiple Outputs in the Same Band. 8. ANSI C63.10-2013 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

2. General conditions, competences and guarantees

- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an Accredited Test Firm recognized by the FCC, with Designation Number FR0011.
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- ✓ This report does not imply an approval of the product by the Certification Bodies or competent Authorities.
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3. Environmental Conditions

- ✓ At the site where the measurements were performed the following limits were not exceeded during the tests:

Temperature	25ºC ± 7ºC
Humidity	45% ± 7%

4. Test samples

Sample	Control #	Description	Model	Serial #	Date of receipt	Note
#01	200611-04.S11	WiFi 6E Module	AX210D2W	WFM: BC17B87707EF	2020-09-18	RF Conducted
	180001-01.S18	Adapter	Socket	-	2018-11-22	
	170000-01.S02	Laptop	Latitude E5450	21HTPF2	2017-03-28	
	170524-01.S13	Extender	PCB00495	4955013-032	2017-05-29	
#02	200611-04.S10	WiFi 6E Module	AX210D2W	WFM:BC17B8770880	2020-09-18	RF Conducted – Contention-based protocol
	200611-01.S18	Laptop	Latitude E5450	63W17Y2	2020-12-01	
	180219-01.S18	Adapter	Socket	N/A	2018-03-08	
	180000-01.S12	Extender	PCB00495	4950414-028	2018-11-22	

5. EUT Features

The herein information is provided by the customer

Brand Name	Intel® Wi-Fi 6E AX210
Model Name	AX210D2W
Software Version	01465_99_3500_57W
Driver Version	V0.17.2
Supported Radios	802.11b/g/n/ax 2.4GHz (2400.0 – 2483.5 MHz) 802.11a/n/ac/ax 5.2GHz (5150.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5895.0 MHz) 6.0GHz (5925.0 - 7125.0MHz) Bluetooth 5.2 2.4GHz (2400.0 – 2483.5 MHz)
Antenna Information	

Transmitter	Chain A(Main)	Chain B(Aux)
Manufacturer	Intel	Intel
PIFA antenna	PIFA antenna	PIFA antenna
SN	NA	NA
Declared Antenna gain (dBi)	+5.59	+5.59

Document

Filename	Date of receipt
200813_WRF Lab_WiFi 6E_Ref Antenna V3.2- Datasheet_Rev00	2020-08-13

Additional information	The EUT class is a client connected to Low-Power Access point

6. Remarks and comments

1. Tests were carried out according to the test plan provided to the FCC.
2. Test settings used for UNII-5 to UNII-8 are based on the legacy FCC OET KDB 789033 D02 v02r01 and ANSI C63.10-2013.

7. Test Verdicts summary

The statement of conformity to applicable standards in the table below are based on the measured values, without taking into account the measurement uncertainties.

7.1. 802.11 a/n/ac/ax – U-NII-5 to U-NII-8

FCC part	Test name	Verdict
15.407 (a) (10)	Channel bandwidth	P
15.407 (a) (8)	Power Limits. Maximum output power	P
15.407 (a) (2)	Power spectral density	P
15.407 (b) (5)	Undesirable emissions limits: out of band (conducted)	P
15.407 (b) (6)	In-Band Emissions (Mask)	P
15.407 (d) (6)	Contention based protocol	P

P: Pass
F: Fail
NM: Not Measured
NA: Not Applicable

8. Document Revision History

Revision #	Modified by	Revision Details
Rev. 00	C.Requin	First Issue

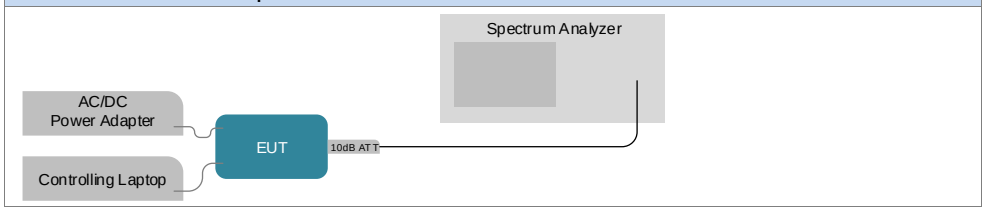
Annex A. Test & System Description

A.1 Measurement System

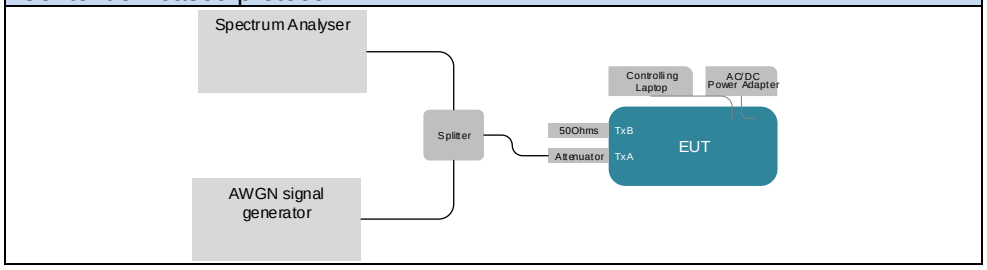
Measurements were performed using these following setup.

The DUT was installed in a test fixture and this test fixture is connected to a laptop computer and AC/DC power adapter. The laptop computer was used to configure the EUT to continuously transmit at a specified output power using all different modes and modulation schemes, using the Intel proprietary tool DRTU.

Conducted test setup



Contention-based protocol



A.2 Test Equipment List

Conducted setup

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
0316	Spectrum Analyzer	FSV30	103309	Rohde & Schwarz	2019-09-02	2021-09-02
0443	RF cable 100cm	Coax 2.92mm Male To 2.92mm Male	N/A	PASTERNACK	2020-08-26	2021-02-26
1044	10dB Attenuator + MH4	N/A	N/A	N/A	N/A	N/A
0583	Temp & Humidity Logger	RA12E-TH1-RAS	RA12-B9D6E	AVTECH	2019-09-06	2021-09-06
1002	Measurement SW v1.4.10.8	Octopi	N/A	Step AT	N/A	N/A

N/A: not applicable

Contention-based protocol

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal.Due Date
0704	Vector signal generator	SMW200A	103732	Rohde & Schwarz	2020-07-20	2022-07-20
0318	Spectrum analyzer	FSV30	103310	Rohde & Schwarz	2020-06-03	2022-06-03
0581	Temp & Humidity Logger	RA12E-TH1-RAS	RA12-B89BE3	Avtech	2020-01-23	2022-01-23
0864	Cable SMA Male to SMA Male 45CM	FMC0202085-18	-	Fairview Microwave	2020-08-27	2021-02-27
0865	Cable SMA Male to SMA Male 45CM	FMC0202085-18	-	Fairview Microwave	2020-08-27	2021-02-27
0868	Cable SMA Male to SMA Male 90CM	FMC0202085-36	1936949	Fairview Microwave	2020-08-27	2021-02-27
1111	RF Power divider	PE2084	N/A	Pasternack	N/A	N/A

A.3 Measurement Uncertainty Evaluation

The system uncertainty evaluation is shown in the table below with a coverage factor of k = 2 to indicate a 95% level of confidence:

Measurement type	Uncertainty	Unit
Timing	±0.12	%
Power Spectral density	±1.47	dB
Occupied bandwidth	±2.07	%
Conducted Power	±1.03	dB
Conducted Spurious Emission <26.5 GHz	±2.90	dB

Annex B. Test Results

The herein test results were performed by:

Test case measurement	Test Engineer
Power Limits. Maximum output power	Cedric Requin
26dB and 99% Bandwidth measurement	Cedric Requin
Maximum power spectral density	Cedric Requin
Undesirable emissions limits: out of band (conducted)	Cedric Requin
In-Band Emissions Mask	Cedric Requin
Contention-based Protocol	Gregory Roustan

B.1 Test Conditions

For 802.11a mode the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, but not simultaneously.

For 802.11n20 & 802.11ax20 (20 MHz channel bandwidth), 802.11n40 & 802.11ax40 (40MHz channel bandwidth), 802.11ac80 & 802.11ax80 (80MHz channel bandwidth) and 802.11ac160 & 802.11ax160 (160MHz channel bandwidth) modes the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, and also simultaneously.

The following data rates were selected based on preliminary testing that identified those rates as the worst cases for output power and spurious levels at the band edges:

Transmission	Mode	Bandwidth (MHz)	Worst Case Data Rate
SISO	802.11a	20	6Mbps
	802.11n	20	HT0
		40	HT0
	802.11ac	80	VHT0
		160	VHT0
	802.11ax	20	HE0
		40	HE0
		80	HE0
		160	HE0
MIMO	802.11n	20/40	HT8
	802.11ac	80/160	VHT0
	802.11ax	20/40/80/160	HE0

B.2 Test Results Tables

B.2.1 26dB & 99% Bandwidth

Test limits

Part	Limits
FCC 15.407 (a) (10)	The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure the 26dB & 99% bandwidth. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

See Annex C.1.1 for the screenshot results[1]

Results tables

Max value	Maximum bandwidth value highlighted per mode and channel bandwidth over uninterrupted UNII-5 – 8 bands

[1] Only the worst-case plots per mode and channel bandwidth were reported over uninterrupted UNII-5 – 8 bands

Band	Mode & BW[MHz]	Channel	Frequency [MHz]	Rate	RU config.	Antenna	26dB BW [MHz]	99% BW [MHz]
UNII5	802.11a20	1	5955	6Mbps	na	SISO A	25.30	16.96
UNII5	802.11a20	1	5955	6Mbps	na	SISO B	25.85	16.88
UNII5	802.11a20	45	6175	6Mbps	na	SISO A	25.05	16.88
UNII5	802.11a20	45	6175	6Mbps	na	SISO B	25.05	17.00
UNII5	802.11a20	93	6415	6Mbps	na	SISO A	25.00	16.88
UNII5	802.11a20	93	6415	6Mbps	na	SISO B	25.75	16.92
UNII5	802.11n20	1	5955	HT0	na	SISO A	26.40	17.96
UNII5	802.11n20	1	5955	HT0	na	SISO B	25.50	17.96
UNII5	802.11n20	1	5955	HT8	na	MIMO A	25.75	17.88
UNII5	802.11n20	1	5955	HT8	na	MIMO B	25.60	18.00
UNII5	802.11n20	45	6175	HT0	na	SISO A	25.60	17.96
UNII5	802.11n20	45	6175	HT0	na	SISO B	25.80	18.00
UNII5	802.11n20	45	6175	HT8	na	MIMO A	26.55	17.96
UNII5	802.11n20	45	6175	HT8	na	MIMO B	25.85	17.96
UNII5	802.11n20	93	6415	HT0	na	SISO A	25.85	17.96
UNII5	802.11n20	93	6415	HT0	na	SISO B	25.60	18.16
UNII5	802.11n20	93	6415	HT8	na	MIMO A	26.05	18.08
UNII5	802.11n20	93	6415	HT8	na	MIMO B	26.10	18.12
UNII5	802.11n40	3	5965	HT0	na	SISO A	45.21	36.40
UNII5	802.11n40	3	5965	HT0	na	SISO B	45.32	36.40
UNII5	802.11n40	3	5965	HT8	na	MIMO A	44.99	36.56
UNII5	802.11n40	3	5965	HT8	na	MIMO B	44.66	36.48
UNII5	802.11n40	43	6165	HT0	na	SISO A	45.65	36.56
UNII5	802.11n40	43	6165	HT0	na	SISO B	45.54	36.48
UNII5	802.11n40	43	6165	HT8	na	MIMO A	45.43	36.40
UNII5	802.11n40	43	6165	HT8	na	MIMO B	44.88	36.40
UNII5	802.11n40	91	6405	HT0	na	SISO A	45.21	36.64
UNII5	802.11n40	91	6405	HT0	na	SISO B	45.10	36.40
UNII5	802.11n40	91	6405	HT8	na	MIMO A	45.54	36.48
UNII5	802.11n40	91	6405	HT8	na	MIMO B	44.11	36.40
UNII5	802.11ac80	7	5985	VHT0	na	SISO A	91.20	76.08
UNII5	802.11ac80	7	5985	VHT0	na	SISO B	88.92	75.96
UNII5	802.11ac80	7	5985	VHT0	na	MIMO A	89.87	76.08
UNII5	802.11ac80	7	5985	VHT0	na	MIMO B	90.25	75.96
UNII5	802.11ac80	39	6145	VHT0	na	SISO A	89.68	75.96
UNII5	802.11ac80	39	6145	VHT0	na	SISO B	90.06	75.96
UNII5	802.11ac80	39	6145	VHT0	na	MIMO A	90.06	75.96
UNII5	802.11ac80	39	6145	VHT0	na	MIMO B	88.73	75.96
UNII5	802.11ac80	87	6385	VHT0	na	SISO A	88.54	75.96
UNII5	802.11ac80	87	6385	VHT0	na	SISO B	90.25	75.96
UNII5	802.11ac80	87	6385	VHT0	na	MIMO A	89.30	75.96
UNII5	802.11ac80	87	6385	VHT0	na	MIMO B	88.54	75.84
UNII5	802.11ac160	15	6025	VHT0	na	SISO A	166.98	155.25
UNII5	802.11ac160	15	6025	VHT0	na	SISO B	166.98	155.25
UNII5	802.11ac160	15	6025	VHT0	na	MIMO A	168.96	155.25
UNII5	802.11ac160	15	6025	VHT0	na	MIMO B	167.31	155.25
UNII5	802.11ac160	79	6345	VHT0	na	SISO A	166.98	155.25
UNII5	802.11ac160	79	6345	VHT0	na	SISO B	167.64	155.25
UNII5	802.11ac160	79	6345	VHT0	na	MIMO A	167.31	155.00
UNII5	802.11ac160	79	6345	VHT0	na	MIMO B	166.98	155.00
UNII5	802.11ax20	1	5955	HE0	FullBW	SISO A	25.25	19.08
UNII5	802.11ax20	1	5955	HE0	FullBW	SISO B	25.85	19.04
UNII5	802.11ax20	1	5955	HE0	FullBW	MIMO A	25.75	19.20
UNII5	802.11ax20	1	5955	HE0	FullBW	MIMO B	25.65	19.04
UNII5	802.11ax20	45	6175	HE0	FullBW	SISO A	24.85	19.08
UNII5	802.11ax20	45	6175	HE0	FullBW	SISO B	25.75	19.12
UNII5	802.11ax20	45	6175	HE0	FullBW	MIMO A	25.00	19.16
UNII5	802.11ax20	45	6175	HE0	FullBW	MIMO B	24.75	19.08
UNII5	802.11ax20	93	6415	HE0	FullBW	SISO A	25.90	19.08
UNII5	802.11ax20	93	6415	HE0	FullBW	SISO B	25.90	19.08

UNII5	802.11ax20	93	6415	HE0	FullBW	MIMO A	24.80	19.08
UNII5	802.11ax20	93	6415	HE0	FullBW	MIMO B	25.70	19.08
UNII5	802.11ax40	3	5965	HE0	FullBW	SISO A	44.88	37.84
UNII5	802.11ax40	3	5965	HE0	FullBW	SISO B	44.55	37.84
UNII5	802.11ax40	3	5965	HE0	FullBW	MIMO A	43.89	37.84
UNII5	802.11ax40	3	5965	HE0	FullBW	MIMO B	43.67	37.92
UNII5	802.11ax40	43	6165	HE0	FullBW	SISO A	44.66	38.00
UNII5	802.11ax40	43	6165	HE0	FullBW	SISO B	45.10	37.92
UNII5	802.11ax40	43	6165	HE0	FullBW	MIMO A	43.78	37.92
UNII5	802.11ax40	43	6165	HE0	FullBW	MIMO B	45.10	37.92
UNII5	802.11ax40	91	6405	HE0	FullBW	SISO A	44.55	37.92
UNII5	802.11ax40	91	6405	HE0	FullBW	SISO B	43.89	37.92
UNII5	802.11ax40	91	6405	HE0	FullBW	MIMO A	44.55	38.08
UNII5	802.11ax40	91	6405	HE0	FullBW	MIMO B	45.98	37.84
UNII5	802.11ax80	7	5985	HE0	FullBW	SISO A	84.93	77.52
UNII5	802.11ax80	7	5985	HE0	FullBW	SISO B	85.50	77.64
UNII5	802.11ax80	7	5985	HE0	FullBW	MIMO A	86.83	77.52
UNII5	802.11ax80	7	5985	HE0	FullBW	MIMO B	85.88	77.40
UNII5	802.11ax80	39	6145	HE0	FullBW	SISO A	84.93	77.40
UNII5	802.11ax80	39	6145	HE0	FullBW	SISO B	86.45	77.52
UNII5	802.11ax80	39	6145	HE0	FullBW	MIMO A	85.69	77.52
UNII5	802.11ax80	39	6145	HE0	FullBW	MIMO B	86.26	77.40
UNII5	802.11ax80	87	6385	HE0	FullBW	SISO A	86.26	77.52
UNII5	802.11ax80	87	6385	HE0	FullBW	SISO B	85.50	77.52
UNII5	802.11ax80	87	6385	HE0	FullBW	MIMO A	86.26	77.40
UNII5	802.11ax80	87	6385	HE0	FullBW	MIMO B	86.45	77.52
UNII5	802.11ax160	15	6025	HE0	FullBW	SISO A	167.97	156.75
UNII5	802.11ax160	15	6025	HE0	FullBW	SISO B	166.65	157.25
UNII5	802.11ax160	15	6025	HE0	FullBW	MIMO A	166.65	156.75
UNII5	802.11ax160	15	6025	HE0	FullBW	MIMO B	166.65	157.00
UNII5	802.11ax160	79	6345	HE0	FullBW	SISO A	166.32	156.75
UNII5	802.11ax160	79	6345	HE0	FullBW	SISO B	167.97	156.75
UNII5	802.11ax160	79	6345	HE0	FullBW	MIMO A	168.63	156.50
UNII5	802.11ax160	79	6345	HE0	FullBW	MIMO B	167.31	156.75

Band	Mode & BW[MHz]	Channel	Frequency [MHz]	Rate	RU config.	Antenna	26dB BW [MHz]	99% BW [MHz]
UNII6	802.11a20	97	6435	6Mbps	NA	SISO A	25.25	16.92
UNII6	802.11a20	97	6435	6Mbps	NA	SISO B	25.70	16.80
UNII6	802.11a20	105	6475	6Mbps	NA	SISO A	25.45	16.76
UNII6	802.11a20	105	6475	6Mbps	NA	SISO B	25.75	16.96
UNII6	802.11a20	113	6515	6Mbps	NA	SISO A	25.45	16.84
UNII6	802.11a20	113	6515	6Mbps	NA	SISO B	25.40	17.04
UNII6	802.11n20	97	6435	HT0	NA	SISO A	26.15	18.04
UNII6	802.11n20	97	6435	HT0	NA	SISO B	25.90	17.96
UNII6	802.11n20	97	6435	HT8	NA	MIMO A	26.10	18.04
UNII6	802.11n20	97	6435	HT8	NA	MIMO B	25.80	18.00
UNII6	802.11n20	105	6475	HT0	NA	SISO A	25.40	18.08
UNII6	802.11n20	105	6475	HT0	NA	SISO B	25.80	17.92
UNII6	802.11n20	105	6475	HT8	NA	MIMO A	26.10	17.96
UNII6	802.11n20	105	6475	HT8	NA	MIMO B	25.55	17.96
UNII6	802.11n20	113	6515	HT0	NA	SISO A	25.80	17.88
UNII6	802.11n20	113	6515	HT0	NA	SISO B	25.80	18.00
UNII6	802.11n20	113	6515	HT8	NA	MIMO A	26.60	18.00
UNII6	802.11n20	113	6515	HT8	NA	MIMO B	26.20	18.08
UNII6	802.11n40	99	6445	HT0	NA	SISO A	45.54	36.48
UNII6	802.11n40	99	6445	HT0	NA	SISO B	45.32	36.48
UNII6	802.11n40	99	6445	HT8	NA	MIMO A	45.87	36.32
UNII6	802.11n40	99	6445	HT8	NA	MIMO B	44.33	36.40
UNII6	802.11n40	107	6485	HT0	NA	SISO A	44.88	36.40
UNII6	802.11n40	107	6485	HT0	NA	SISO B	45.10	36.48
UNII6	802.11n40	107	6485	HT8	NA	MIMO A	45.54	36.48
UNII6	802.11n40	107	6485	HT8	NA	MIMO B	43.56	36.40
UNII6	802.11ac80	103	6465	VHT0	NA	SISO A	88.73	75.96
UNII6	802.11ac80	103	6465	VHT0	NA	SISO B	88.16	75.96
UNII6	802.11ac80	103	6465	VHT0	NA	MIMO A	90.25	75.96
UNII6	802.11ac80	103	6465	VHT0	NA	MIMO B	90.63	75.96
UNII6	802.11ac80	119	6545	VHT0	NA	SISO A	89.49	75.96
UNII6	802.11ac80	119	6545	VHT0	NA	SISO B	90.82	75.96
UNII6	802.11ac80	119	6545	VHT0	NA	MIMO A	89.87	75.96
UNII6	802.11ac80	119	6545	VHT0	NA	MIMO B	89.49	75.84
UNII6	802.11ac160	111	6505	VHT0	NA	SISO A	167.64	155.25
UNII6	802.11ac160	111	6505	VHT0	NA	SISO B	166.98	155.23
UNII6	802.11ac160	111	6505	VHT0	NA	MIMO A	167.97	155.25
UNII6	802.11ac160	111	6505	VHT0	NA	MIMO B	166.65	155.00
UNII6	802.11ax20	97	6435	HE0	FullBW	SISO A	25.40	19.04
UNII6	802.11ax20	97	6435	HE0	FullBW	SISO B	25.45	19.12
UNII6	802.11ax20	97	6435	HE0	FullBW	MIMO A	25.55	19.12
UNII6	802.11ax20	97	6435	HE0	FullBW	MIMO B	25.05	19.08
UNII6	802.11ax20	105	6475	HE0	FullBW	SISO A	25.10	19.08
UNII6	802.11ax20	105	6475	HE0	FullBW	SISO B	25.75	19.04
UNII6	802.11ax20	105	6475	HE0	FullBW	MIMO A	25.15	19.08
UNII6	802.11ax20	105	6475	HE0	FullBW	MIMO B	25.00	19.20
UNII6	802.11ax20	113	6515	HE0	FullBW	SISO A	25.70	19.04
UNII6	802.11ax20	113	6515	HE0	FullBW	SISO B	24.80	19.04
UNII6	802.11ax20	113	6515	HE0	FullBW	MIMO A	25.70	19.08
UNII6	802.11ax20	113	6515	HE0	FullBW	MIMO B	25.40	19.04
UNII6	802.11ax40	99	6445	HE0	FullBW	SISO A	44.22	37.92
UNII6	802.11ax40	99	6445	HE0	FullBW	SISO B	44.99	37.92
UNII6	802.11ax40	99	6445	HE0	FullBW	MIMO A	44.99	37.92
UNII6	802.11ax40	99	6445	HE0	FullBW	MIMO B	44.88	37.92
UNII6	802.11ax40	107	6485	HE0	FullBW	SISO A	43.56	38.00
UNII6	802.11ax40	107	6485	HE0	FullBW	SISO B	44.77	37.92
UNII6	802.11ax40	107	6485	HE0	FullBW	MIMO A	44.77	37.92
UNII6	802.11ax40	107	6485	HE0	FullBW	MIMO B	43.56	37.84
UNII6	802.11ax80	103	6465	HE0	FullBW	SISO A	84.74	77.64
UNII6	802.11ax80	103	6465	HE0	FullBW	SISO B	85.50	77.64

UNII6	802.11ax80	103	6465	HE0	FullBW	MIMO A	85.69	77.52
UNII6	802.11ax80	103	6465	HE0	FullBW	MIMO B	85.69	77.40
UNII6	802.11ax80	119	6545	HE0	FullBW	SISO A	86.07	77.52
UNII6	802.11ax80	119	6545	HE0	FullBW	SISO B	87.02	77.52
UNII6	802.11ax80	119	6545	HE0	FullBW	MIMO A	86.45	77.52
UNII6	802.11ax80	119	6545	HE0	FullBW	MIMO B	85.50	77.40
UNII6	802.11ax160	111	6505	HE0	FullBW	SISO A	166.98	156.75
UNII6	802.11ax160	111	6505	HE0	FullBW	SISO B	167.31	156.75
UNII6	802.11ax160	111	6505	HE0	FullBW	MIMO A	166.98	156.75
UNII6	802.11ax160	111	6505	HE0	FullBW	MIMO B	166.65	156.75

Band	Mode & BW[MHz]	Channel	Frequency [MHz]	Rate	RU config.	Antenna	26dB BW [MHz]	99% BW [MHz]
UNII7	802.11a20	117	6535	6Mbps	NA	SISO A	25.25	16.84
UNII7	802.11a20	117	6535	6Mbps	NA	SISO B	25.65	17.04
UNII7	802.11a20	149	6695	6Mbps	NA	SISO A	24.85	17.28
UNII7	802.11a20	149	6695	6Mbps	NA	SISO B	25.55	16.96
UNII7	802.11a20	181	6855	6Mbps	NA	SISO A	25.40	17.04
UNII7	802.11a20	181	6855	6Mbps	NA	SISO B	25.45	17.04
UNII7	802.11n20	117	6535	HT0	NA	SISO A	26.15	18.00
UNII7	802.11n20	117	6535	HT0	NA	SISO B	25.85	18.04
UNII7	802.11n20	117	6535	HT8	NA	MIMO A	26.35	18.08
UNII7	802.11n20	117	6535	HT8	NA	MIMO B	25.95	18.00
UNII7	802.11n20	149	6695	HT0	NA	SISO A	26.15	18.08
UNII7	802.11n20	149	6695	HT0	NA	SISO B	26.40	18.04
UNII7	802.11n20	149	6695	HT8	NA	MIMO A	26.45	18.00
UNII7	802.11n20	149	6695	HT8	NA	MIMO B	25.30	18.04
UNII7	802.11n20	181	6855	HT0	NA	SISO A	25.70	18.00
UNII7	802.11n20	181	6855	HT0	NA	SISO B	25.40	18.04
UNII7	802.11n20	181	6855	HT8	NA	MIMO A	26.05	18.08
UNII7	802.11n20	181	6855	HT8	NA	MIMO B	26.00	18.04
UNII7	802.11n40	115	6525	HT0	NA	SISO A	45.43	36.40
UNII7	802.11n40	115	6525	HT0	NA	SISO B	44.66	36.48
UNII7	802.11n40	115	6525	HT8	NA	MIMO A	45.21	36.32
UNII7	802.11n40	115	6525	HT8	NA	MIMO B	44.33	36.48
UNII7	802.11n40	147	6685	HT0	NA	SISO A	45.54	36.40
UNII7	802.11n40	147	6685	HT0	NA	SISO B	45.87	36.56
UNII7	802.11n40	147	6685	HT8	NA	MIMO A	45.76	36.56
UNII7	802.11n40	147	6685	HT8	NA	MIMO B	44.22	36.48
UNII7	802.11n40	179	6845	HT0	NA	SISO A	45.21	36.64
UNII7	802.11n40	179	6845	HT0	NA	SISO B	45.43	36.56
UNII7	802.11n40	179	6845	HT8	NA	MIMO A	46.42	36.48
UNII7	802.11n40	179	6845	HT8	NA	MIMO B	44.66	36.48
UNII7	802.11ac80	135	6625	VHT0	NA	SISO A	88.73	75.96
UNII7	802.11ac80	135	6625	VHT0	NA	SISO B	89.30	75.96
UNII7	802.11ac80	135	6625	VHT0	NA	MIMO A	90.82	75.96
UNII7	802.11ac80	135	6625	VHT0	NA	MIMO B	89.11	75.96
UNII7	802.11ac80	167	6785	VHT0	NA	SISO A	88.54	75.96
UNII7	802.11ac80	167	6785	VHT0	NA	SISO B	90.82	76.08
UNII7	802.11ac80	167	6785	VHT0	NA	MIMO A	91.01	75.96
UNII7	802.11ac80	167	6785	VHT0	NA	MIMO B	91.01	75.96
UNII7	802.11ac160	143	6665	VHT0	NA	SISO A	167.64	155.25
UNII7	802.11ac160	143	6665	VHT0	NA	SISO B	167.64	155.25
UNII7	802.11ac160	143	6665	VHT0	NA	MIMO A	167.97	155.25
UNII7	802.11ac160	143	6665	VHT0	NA	MIMO B	167.31	155.00
UNII7	802.11ax20	117	6535	HE0	FullBW	SISO A	26.05	19.12
UNII7	802.11ax20	117	6535	HE0	FullBW	SISO B	25.00	19.16
UNII7	802.11ax20	117	6535	HE0	FullBW	MIMO A	25.25	19.04
UNII7	802.11ax20	117	6535	HE0	FullBW	MIMO B	24.55	19.12
UNII7	802.11ax20	149	6695	HE0	FullBW	SISO A	25.65	19.04
UNII7	802.11ax20	149	6695	HE0	FullBW	SISO B	25.35	19.12
UNII7	802.11ax20	149	6695	HE0	FullBW	MIMO A	25.35	19.12
UNII7	802.11ax20	149	6695	HE0	FullBW	MIMO B	25.10	19.16
UNII7	802.11ax20	181	6855	HE0	FullBW	SISO A	25.00	19.08
UNII7	802.11ax20	181	6855	HE0	FullBW	SISO B	25.00	19.04
UNII7	802.11ax20	181	6855	HE0	FullBW	MIMO A	25.35	19.12
UNII7	802.11ax20	181	6855	HE0	FullBW	MIMO B	24.85	19.04
UNII7	802.11ax40	115	6525	HE0	FullBW	SISO A	43.89	38.00
UNII7	802.11ax40	115	6525	HE0	FullBW	SISO B	44.33	37.92
UNII7	802.11ax40	115	6525	HE0	FullBW	MIMO A	45.21	37.92
UNII7	802.11ax40	115	6525	HE0	FullBW	MIMO B	44.55	37.76
UNII7	802.11ax40	147	6685	HE0	FullBW	SISO A	43.78	38.00
UNII7	802.11ax40	147	6685	HE0	FullBW	SISO B	44.44	37.84

UNII7	802.11ax40	147	6685	HE0	FullBW	MIMO A	44.77	37.92
UNII7	802.11ax40	147	6685	HE0	FullBW	MIMO B	44.66	37.76
UNII7	802.11ax40	179	6845	HE0	FullBW	SISO A	44.00	37.84
UNII7	802.11ax40	179	6845	HE0	FullBW	SISO B	44.00	37.68
UNII7	802.11ax40	179	6845	HE0	FullBW	MIMO A	44.11	38.00
UNII7	802.11ax40	179	6845	HE0	FullBW	MIMO B	44.77	38.00
UNII7	802.11ax80	135	6625	HE0	FullBW	SISO A	85.50	77.52
UNII7	802.11ax80	135	6625	HE0	FullBW	SISO B	86.07	77.64
UNII7	802.11ax80	135	6625	HE0	FullBW	MIMO A	87.97	77.52
UNII7	802.11ax80	135	6625	HE0	FullBW	MIMO B	85.88	77.52
UNII7	802.11ax80	167	6785	HE0	FullBW	SISO A	86.45	77.64
UNII7	802.11ax80	167	6785	HE0	FullBW	SISO B	86.26	77.40
UNII7	802.11ax80	167	6785	HE0	FullBW	MIMO A	86.26	77.52
UNII7	802.11ax80	167	6785	HE0	FullBW	MIMO B	87.40	77.52
UNII7	802.11ax160	143	6665	HE0	FullBW	SISO A	167.31	156.75
UNII7	802.11ax160	143	6665	HE0	FullBW	SISO B	167.31	156.87
UNII7	802.11ax160	143	6665	HE0	FullBW	MIMO A	166.98	156.75
UNII7	802.11ax160	143	6665	HE0	FullBW	MIMO B	166.98	157.00

Band	Mode & BW[MHz]	Channel	Frequency [MHz]	Rate	RU config.	Antenna	26dB BW [MHz]	99% BW [MHz]
UNII8	802.11a20	185	6875	6Mbps	NA	SISO A	25.10	16.84
UNII8	802.11a20	185	6875	6Mbps	NA	SISO B	25.45	16.84
UNII8	802.11a20	209	6995	6Mbps	NA	SISO A	25.45	16.92
UNII8	802.11a20	209	6995	6Mbps	NA	SISO B	25.50	16.96
UNII8	802.11a20	229	7095	6Mbps	NA	SISO A	25.00	16.92
UNII8	802.11a20	229	7095	6Mbps	NA	SISO B	25.50	16.84
UNII8	802.11a20	233	7115	6Mbps	NA	SISO A	25.00	16.88
UNII8	802.11a20	233	7115	6Mbps	NA	SISO B	25.05	16.88
UNII8	802.11n20	185	6875	HT0	NA	SISO A	26.10	18.04
UNII8	802.11n20	185	6875	HT0	NA	SISO B	25.95	18.00
UNII8	802.11n20	185	6875	HT8	NA	MIMO A	25.75	18.04
UNII8	802.11n20	185	6875	HT8	NA	MIMO B	25.50	18.08
UNII8	802.11n20	209	6995	HT0	NA	SISO A	25.60	18.00
UNII8	802.11n20	209	6995	HT0	NA	SISO B	25.90	17.92
UNII8	802.11n20	209	6995	HT8	NA	MIMO A	25.90	18.00
UNII8	802.11n20	209	6995	HT8	NA	MIMO B	25.20	18.00
UNII8	802.11n20	229	7095	HT0	NA	SISO A	26.05	17.96
UNII8	802.11n20	229	7095	HT0	NA	SISO B	25.35	18.00
UNII8	802.11n20	229	7095	HT8	NA	MIMO A	25.60	17.96
UNII8	802.11n20	229	7095	HT8	NA	MIMO B	25.25	18.04
UNII8	802.11n20	233	7115	HT0	NA	SISO A	25.40	17.96
UNII8	802.11n20	233	7115	HT0	NA	SISO B	25.25	18.00
UNII8	802.11n20	233	7115	HT8	NA	MIMO A	25.60	18.00
UNII8	802.11n20	233	7115	HT8	NA	MIMO B	25.10	18.00
UNII8	802.11n40	187	6885	HT0	NA	SISO A	44.77	36.56
UNII8	802.11n40	187	6885	HT0	NA	SISO B	45.21	36.48
UNII8	802.11n40	187	6885	HT8	NA	MIMO A	45.10	36.48
UNII8	802.11n40	187	6885	HT8	NA	MIMO B	43.67	36.48
UNII8	802.11n40	227	7085	HT0	NA	SISO A	45.32	36.64
UNII8	802.11n40	227	7085	HT0	NA	SISO B	45.32	36.56
UNII8	802.11n40	227	7085	HT8	NA	MIMO A	45.32	36.56
UNII8	802.11n40	227	7085	HT8	NA	MIMO B	43.12	36.32
UNII8	802.11ac80	183	6885	VHT0	NA	SISO A	89.30	75.96
UNII8	802.11ac80	183	6885	VHT0	NA	SISO B	88.54	75.96
UNII8	802.11ac80	183	6885	VHT0	NA	MIMO A	91.39	75.96
UNII8	802.11ac80	183	6885	VHT0	NA	MIMO B	88.16	75.96
UNII8	802.11ac80	199	6945	VHT0	NA	SISO A	89.11	75.96
UNII8	802.11ac80	199	6945	VHT0	NA	SISO B	89.68	75.96
UNII8	802.11ac80	199	6945	VHT0	NA	MIMO A	89.87	75.96
UNII8	802.11ac80	199	6945	VHT0	NA	MIMO B	89.49	75.96
UNII8	802.11ac80	215	7025	VHT0	NA	SISO A	89.87	75.96
UNII8	802.11ac80	215	7025	VHT0	NA	SISO B	89.49	75.84
UNII8	802.11ac80	215	7025	VHT0	NA	MIMO A	90.06	75.84
UNII8	802.11ac80	215	7025	VHT0	NA	MIMO B	88.35	75.84
UNII8	802.11ac160	207	6985	VHT0	NA	SISO A	167.64	155.25
UNII8	802.11ac160	207	6985	VHT0	NA	SISO B	167.31	155.25
UNII8	802.11ac160	207	6985	VHT0	NA	MIMO A	168.96	155.25
UNII8	802.11ac160	207	6985	VHT0	NA	MIMO B	167.97	155.25
UNII8	802.11ax20	185	6875	HE0	FullBW	SISO A	25.40	19.12
UNII8	802.11ax20	185	6875	HE0	FullBW	SISO B	25.15	19.08
UNII8	802.11ax20	185	6875	HE0	FullBW	MIMO A	25.80	19.12
UNII8	802.11ax20	185	6875	HE0	FullBW	MIMO B	25.15	19.20
UNII8	802.11ax20	209	6995	HE0	FullBW	SISO A	25.00	19.12
UNII8	802.11ax20	209	6995	HE0	FullBW	SISO B	25.85	19.04
UNII8	802.11ax20	209	6995	HE0	FullBW	MIMO A	25.50	19.04
UNII8	802.11ax20	209	6995	HE0	FullBW	MIMO B	24.80	19.04
UNII8	802.11ax20	229	7095	HE0	FullBW	SISO A	24.95	19.04
UNII8	802.11ax20	229	7095	HE0	FullBW	SISO B	25.20	19.04
UNII8	802.11ax20	229	7095	HE0	FullBW	MIMO A	24.85	19.04
UNII8	802.11ax20	229	7095	HE0	FullBW	MIMO B	25.45	19.04

UNII8	802.11ax20	233	7115	HE0	FullBW	SISO A	24.90	19.04
UNII8	802.11ax20	233	7115	HE0	FullBW	SISO B	25.50	19.08
UNII8	802.11ax20	233	7115	HE0	FullBW	MIMO A	25.55	19.08
UNII8	802.11ax20	233	7115	HE0	FullBW	MIMO B	24.45	19.04
UNII8	802.11ax40	187	6885	HE0	FullBW	SISO A	44.11	38.00
UNII8	802.11ax40	187	6885	HE0	FullBW	SISO B	43.78	37.84
UNII8	802.11ax40	187	6885	HE0	FullBW	MIMO A	44.55	37.92
UNII8	802.11ax40	187	6885	HE0	FullBW	MIMO B	45.98	37.84
UNII8	802.11ax40	227	7085	HE0	FullBW	SISO A	44.44	37.92
UNII8	802.11ax40	227	7085	HE0	FullBW	SISO B	43.89	38.00
UNII8	802.11ax40	227	7085	HE0	FullBW	MIMO A	43.34	37.84
UNII8	802.11ax40	227	7085	HE0	FullBW	MIMO B	44.88	38.00
UNII8	802.11ax80	183	6865	HE0	FullBW	SISO A	85.88	77.52
UNII8	802.11ax80	183	6865	HE0	FullBW	SISO B	85.69	77.40
UNII8	802.11ax80	183	6865	HE0	FullBW	MIMO A	86.64	77.40
UNII8	802.11ax80	183	6865	HE0	FullBW	MIMO B	86.26	77.40
UNII8	802.11ax80	199	6945	HE0	FullBW	SISO A	85.31	77.52
UNII8	802.11ax80	199	6945	HE0	FullBW	SISO B	85.69	77.52
UNII8	802.11ax80	199	6945	HE0	FullBW	MIMO A	85.69	77.40
UNII8	802.11ax80	199	6945	HE0	FullBW	MIMO B	85.50	77.40
UNII8	802.11ax80	215	7025	HE0	FullBW	SISO A	85.50	77.52
UNII8	802.11ax80	215	7025	HE0	FullBW	SISO B	85.31	77.52
UNII8	802.11ax80	215	7025	HE0	FullBW	MIMO A	86.07	77.40
UNII8	802.11ax80	215	7025	HE0	FullBW	MIMO B	84.93	77.28
UNII8	802.11ax160	207	6985	HE0	FullBW	SISO A	167.64	156.75
UNII8	802.11ax160	207	6985	HE0	FullBW	SISO B	166.65	156.75
UNII8	802.11ax160	207	6985	HE0	FullBW	MIMO A	166.65	156.75
UNII8	802.11ax160	207	6985	HE0	FullBW	MIMO B	166.98	156.75

B.2.2 Power Limits. Maximum Output power & Maximum power spectral Density

Test limits

Part	Limits
FCC 15.407 (a) (8)	For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

Test procedure

The Maximum Conducted Output Power was measured using the channel integration method over the entire 99% occupied bandwidth according to section E) 2) d) (Method SA-2) of KDB 789033
The maximum power spectral density (PSD) was measured using the method according to section F) (Method SA-2) of KDB 789033

In the *measure-and-sum* approach for MIMO mode, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically in linear power units to determine the total emission level from the device. For power spectral density *measure-and-sum spectral maxima across the outputs* method has been used. According to KDB 662911 D01 v02r01 section F.2.a.(ii), and since MIMO all transmit signals are completely uncorrelated with each other, Directional gain = GANT

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain (+5.59dBi) to the measured conducted power.

The conducted setup shown in section *Test & System Description* was used to measure the maximum conducted output power and power spectral density. The antenna terminal of the EUT is connected to the spectrum analyser through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

See Annex C.1.2 for the screenshot results.

Results tables

Duty cycle

Mode	Rate	Antenna	Duty Cycle [%]
802.11a	6Mbps	SISO A	98.0
		SISO B	98.0
802.11n20	HT0	SISO A	98.9
		SISO B	98.9
	HT8	MIMO A	98.9
		MIMO B	98.9
802.11ax20	HE0	SISO A	98.8
		SISO B	98.8
		MIMO A	99.4
		MIMO B	99.4
802.11n40	HT0	SISO A	98.8
		SISO B	98.8
	HT8	MIMO A	98.7
		MIMO B	98.7
802.11ax40	HE0	SISO A	98.8
		SISO B	98.8
		MIMO A	99.3
		MIMO B	99.3
802.11ac80	VHT0	SISO A	98.8
		SISO B	98.8
		MIMO A	99.4
		MIMO B	99.4
802.11ax80	HE0	SISO A	98.8
		SISO B	98.8
		MIMO A	99.4
		MIMO B	99.4
802.11ac160	VTH0	SISO A	98.8
		SISO B	98.8
		MIMO A	99.1
		MIMO B	99.1
802.11ax160	HE0	SISO A	98.8
		SISO B	98.8
		MIMO A	98.9
		MIMO B	98.9

Maximum output power

UNII5

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1)Output Power [mW]	Max(1). EIRP [mW]
UNII-5	802.11a	20	6Mbps	1	5955	n/a	SISO A	4.59	4.59	5.59	10.18	2.88	10.42
							SISO B	3.64	3.64		9.23	2.31	8.38
				45	6175		SISO A	3.90	3.90		9.49	2.45	8.89
							SISO B	4.18	4.18		9.77	2.62	9.48
				93	6415		SISO A	3.90	3.90		9.49	2.45	8.89
							SISO B	4.33	4.33		9.92	2.71	9.82
	802.11n	20	HT0	1	5955	n/a	SISO A	4.60	4.60		10.19	2.88	10.45
							SISO B	4.24	4.24		9.83	2.65	9.62
				45	6175		SISO A	4.55	4.55		10.14	2.85	10.33
							SISO B	4.20	4.20		9.79	2.63	9.53
				93	6415		SISO A	4.25	4.25		9.84	2.66	9.64
							SISO B	4.39	4.39		9.98	2.75	9.95
	802.11n	20	HT8	1	5955	n/a	MIMO A	0.83	0.83		6.42	1.21	4.39
							MIMO B	1.45	1.45		7.04	1.40	5.06
							Combined A+B	4.16	4.16		9.75	2.61	9.44
				45	6175		MIMO A	1.56	1.56		7.15	1.43	5.19
							MIMO B	0.74	0.74		6.33	1.19	4.30
							Combined A+B	4.18	4.18		9.77	2.62	9.48
				93	6415		MIMO A	1.90	1.90		7.49	1.55	5.61
							MIMO B	1.36	1.36		6.95	1.37	4.95
							Combined A+B	4.65	4.65		10.24	2.92	10.56
	802.11n	40	HT0	3	5965	n/a	SISO A	7.82	7.82		13.41	6.05	21.93
							SISO B	6.94	6.94		12.53	4.94	17.91
				43	6165		SISO A	7.46	7.46		13.05	5.57	20.18
							SISO B	6.74	6.74		12.33	4.72	17.10
				91	6405		SISO A	7.86	7.86		13.45	6.11	22.13
							SISO B	7.69	7.69		13.28	5.87	21.28
	802.11n	40	HT8	3	5965	n/a	MIMO A	4.55	4.55		10.14	2.85	10.33
							MIMO B	4.27	4.27		9.86	2.67	9.68
							Combined A+B	7.42	7.42		13.01	5.52	20.01
				43	6165		MIMO A	4.86	4.86		10.45	3.06	11.09
							MIMO B	4.25	4.25		9.84	2.66	9.64
							Combined A+B	7.58	7.58		13.17	5.72	20.73
				91	6405		MIMO A	4.63	4.63		10.22	2.90	10.52
							MIMO B	4.36	4.36		9.95	2.73	9.89
							Combined A+B	7.51	7.51		13.10	5.63	20.41

(1) Value compensated with the duty cycle

(2) Max/Min value highlighted per mode/bandwidth

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII5	802.11ac	80	VHT0	7	5985	n/a	SISO A	10.60	10.60	5.59	16.19	11.48	41.59
							SISO B	10.51	10.51		16.10	11.25	40.74
							MIMO A	7.34	7.34		12.93	5.42	19.63
							MIMO B	7.07	7.07		12.66	5.09	18.45
							Combined A+B	10.22	10.22		15.81	10.51	38.08
				39	6145		SISO A	10.52	10.52		16.11	11.27	40.83
							SISO B	11.01	11.01		16.60	12.62	45.71
							MIMO A	7.77	7.77		13.36	5.98	21.68
							MIMO B	6.81	6.81		12.40	4.80	17.38
							Combined A+B	10.33	10.33		15.92	10.78	39.06
				87	6385		SISO A	10.83	10.83		16.42	12.11	43.85
							SISO B	10.75	10.75		16.34	11.89	43.05
							MIMO A	7.41	7.41		13.00	5.51	19.95
							MIMO B	7.19	7.19		12.78	5.24	18.97
							Combined A+B	10.31	10.31		15.90	10.74	38.92
	802.11ac	160	VHT0	15	6025	n/a	SISO A	13.56	13.56		19.15	22.70	82.22
							SISO B	13.30	13.30		18.89	21.38	77.45
							MIMO A	10.54	10.54		16.13	11.32	41.02
							MIMO B	10.15	10.15		15.74	10.35	37.50
							Combined A+B	13.36	13.36		18.95	21.68	78.52
				79	6345		SISO A	13.72	13.72		19.31	23.55	85.31
							SISO B	13.55	13.55		19.14	22.65	82.04
							MIMO A	10.33	10.33		15.92	10.79	39.08
							MIMO B	10.44	10.44		16.03	11.07	40.09
							Combined A+B	13.40	13.40		18.99	21.86	79.17
	802.11ax	20	HE0	1	5955	Full BW	SISO A	4.98	4.98		10.57	3.15	11.40
							SISO B	4.09	4.09		9.68	2.56	9.29
							MIMO A	0.91	0.91		6.50	1.23	4.47
							MIMO B	1.60	1.60		7.19	1.45	5.24
							Combined A+B	4.28	4.28		9.87	2.68	9.70
				45	6175		SISO A	4.65	4.65		10.24	2.92	10.57
							SISO B	4.23	4.23		9.82	2.65	9.59
							MIMO A	1.55	1.55		7.14	1.43	5.18
							MIMO B	1.29	1.29		6.88	1.35	4.88
							Combined A+B	4.43	4.43		10.02	2.77	10.05
				93	6415		SISO A	4.93	4.93		10.52	3.11	11.27
							SISO B	4.37	4.37		9.96	2.74	9.91
							MIMO A	1.73	1.73		7.32	1.49	5.40
							MIMO B	1.09	1.09		6.68	1.29	4.66
							Combined A+B	4.43	4.43		10.02	2.77	10.05

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII5	802.11ax	40	HE0	3	5965	Full BW	SISO A	7.58	7.58	5.59	13.17	5.73	20.75
							SISO B	8.13	8.13		13.72	6.50	23.55
							MIMO A	4.84	4.84		10.43	3.05	11.04
							MIMO B	4.29	4.29		9.88	2.69	9.73
							Combined A+B	7.58	7.58		13.17	5.73	20.77
				43	6165		SISO A	7.74	7.74		13.33	5.94	21.53
							SISO B	7.82	7.82		13.41	6.05	21.93
							MIMO A	4.56	4.56		10.15	2.86	10.35
							MIMO B	4.06	4.06		9.65	2.55	9.23
							Combined A+B	7.33	7.33		12.92	5.40	19.58
				91	6405		SISO A	7.90	7.90		13.49	6.17	22.34
							SISO B	7.89	7.89		13.48	6.15	22.28
							MIMO A	4.86	4.86		10.45	3.06	11.09
							MIMO B	4.33	4.33		9.92	2.71	9.82
							Combined A+B	7.61	7.61		13.20	5.77	20.91
	802.11ax	80	HE0	7	5985	Full BW	SISO A	10.96	10.96		16.55	12.47	45.19
							SISO B	10.16	10.16		15.75	10.38	37.58
							MIMO A	8.01	8.01		13.60	6.32	22.91
							MIMO B	7.78	7.78		13.37	6.00	21.73
							Combined A+B	10.91	10.91		16.50	12.32	44.64
				39	6145		SISO A	10.79	10.79		16.38	11.99	43.45
							SISO B	10.85	10.85		16.44	12.16	44.06
							MIMO A	7.69	7.69		13.28	5.87	21.28
							MIMO B	7.61	7.61		13.20	5.77	20.89
							Combined A+B	10.66	10.66		16.25	11.64	42.17
				87	6385		SISO A	10.44	10.44		16.03	11.07	40.09
							SISO B	10.27	10.27		15.86	10.64	38.55
							MIMO A	7.11	7.11		12.70	5.14	18.62
							MIMO B	6.82	6.82		12.41	4.81	17.42
							Combined A+B	9.98	9.98		15.57	9.95	36.04
	802.11ax	160	HE0	15	6025	Full BW	SISO A	13.87	13.87		19.46	24.38	88.31
							SISO B	13.72	13.72		19.31	23.55	85.31
							MIMO A	10.54	10.54		16.13	11.32	41.02
							MIMO B	9.87	9.87		15.46	9.71	35.16
							Combined A+B	13.23	13.23		18.82	21.03	76.18
				79	6345		SISO A	13.89	13.89		19.48	24.49	88.72
							SISO B	13.35	13.35		18.94	21.63	78.34
							MIMO A	10.51	10.51		16.10	11.25	40.74
							MIMO B	10.03	10.03		15.62	10.07	36.48
							Combined A+B	13.29	13.29		18.88	21.32	77.21

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII6

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII-6	802.11a	20	6	97	6435	n/a	SISO A	4.22	4.22	5.59	9.81	2.64	9.57
							SISO B	4.36	4.36		9.95	2.73	9.89
				105	6475		SISO A	4.05	4.05		9.64	2.54	9.20
							SISO B	4.36	4.36		9.95	2.73	9.89
				113	6515		SISO A	4.22	4.22		9.81	2.64	9.57
							SISO B	3.92	3.92		9.51	2.47	8.93
	802.11n	20	HT0	97	6435	n/a	SISO A	4.26	4.26		9.85	2.67	9.66
							SISO B	4.61	4.61		10.20	2.89	10.47
				105	6475		SISO A	4.46	4.46		10.05	2.79	10.12
							SISO B	4.21	4.21		9.80	2.64	9.55
				113	6515		SISO A	4.61	4.61		10.20	2.89	10.47
							SISO B	4.51	4.51		10.10	2.82	10.23
	802.11n	20	HT8	97	6435	n/a	MIMO A	1.60	1.60		7.19	1.45	5.24
							MIMO B	1.02	1.02		6.61	1.26	4.58
							Combined A+B	4.33	4.33		9.92	2.71	9.82
				105	6475		MIMO A	0.92	0.92		6.51	1.24	4.48
							MIMO B	0.64	0.64		6.23	1.16	4.20
							Combined A+B	3.79	3.79		9.38	2.39	8.67
				113	6515		MIMO A	0.96	0.96		6.55	1.25	4.52
							MIMO B	0.51	0.51		6.10	1.12	4.07
							Combined A+B	3.75	3.75		9.34	2.37	8.59
	802.11n	40	HT0	99	6445	n/a	SISO A	7.41	7.41		13.00	5.51	19.95
							SISO B	7.39	7.39		12.98	5.48	19.86
				107	6485		SISO A	7.29	7.29		12.88	5.36	19.41
							SISO B	7.97	7.97		13.56	6.27	22.70
			HT8	99	6445		MIMO A	4.31	4.31		9.90	2.70	9.77
							MIMO B	4.04	4.04		9.63	2.54	9.18
							Combined A+B	7.19	7.19		12.78	5.23	18.96
				107	6485		MIMO A	4.68	4.68		10.27	2.94	10.64
							MIMO B	4.16	4.16		9.75	2.61	9.44
							Combined A+B	7.44	7.44		13.03	5.54	20.08
	802.11ac	80	VHT0	103	6465	n/a	SISO A	10.94	10.94		16.53	12.42	44.98
							SISO B	10.72	10.72		16.31	11.80	42.76
							MIMO A	7.66	7.66		13.25	5.83	21.13
							MIMO B	7.46	7.46		13.05	5.57	20.18
							Combined A+B	10.57	10.57		16.16	11.41	41.32
				119	6545		SISO A	10.42	10.42		16.01	11.02	39.90
							SISO B	10.65	10.65		16.24	11.61	42.07
							MIMO A	7.13	7.13		12.72	5.16	18.71
							MIMO B	7.02	7.02		12.61	5.04	18.24
							Combined A+B	10.09	10.09		15.68	10.20	36.95
	802.11ac	160	VHT0	111	6505	n/a	SISO A	13.54	13.54		19.13	22.59	81.85
							SISO B	13.28	13.28		18.87	21.28	77.09
							MIMO A	10.33	10.33		15.92	10.79	39.08
							MIMO B	9.97	9.97		15.56	9.93	35.97
							Combined A+B	13.16	13.16		18.75	20.72	75.06

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII6	802.11ax	20	HE0	97	6435	Full BW	SISO A	4.73	4.73	5.59	10.32	2.97	10.76
							SISO B	4.83	4.83		10.42	3.04	11.02
							MIMO A	1.64	1.64		7.23	1.46	5.28
							MIMO B	1.43	1.43		7.02	1.39	5.04
							Combined A+B	4.55	4.55		10.14	2.85	10.32
				105	6475		SISO A	4.57	4.57		10.16	2.86	10.38
							SISO B	4.50	4.50		10.09	2.82	10.21
							MIMO A	1.39	1.39		6.98	1.38	4.99
							MIMO B	1.01	1.01		6.60	1.26	4.57
							Combined A+B	4.21	4.21		9.80	2.64	9.56
				113	6515		SISO A	4.44	4.44		10.03	2.78	10.07
							SISO B	4.35	4.35		9.94	2.72	9.86
							MIMO A	1.35	1.35		6.94	1.36	4.94
							MIMO B	1.08	1.08		6.67	1.28	4.65
							Combined A+B	4.23	4.23		9.82	2.65	9.59
	802.11ax	40	HE0	99	6445	Full BW	SISO A	7.85	7.85		13.44	6.10	22.08
							SISO B	8.15	8.15		13.74	6.53	23.66
							MIMO A	4.65	4.65		10.24	2.92	10.57
							MIMO B	4.49	4.49		10.08	2.81	10.19
							Combined A+B	7.58	7.58		13.17	5.73	20.75
				107	6485		SISO A	7.54	7.54		13.13	5.68	20.56
							SISO B	7.08	7.08		12.67	5.11	18.49
							MIMO A	3.91	3.91		9.50	2.46	8.91
							MIMO B	3.64	3.64		9.23	2.31	8.38
							Combined A+B	6.79	6.79		12.38	4.77	17.29
	802.11ax	80	HE0	103	6465	Full BW	SISO A	10.69	10.69		16.28	11.72	42.46
							SISO B	10.16	10.16		15.75	10.38	37.58
							MIMO A	7.61	7.61		13.20	5.77	20.89
							MIMO B	7.22	7.22		12.81	5.27	19.10
							Combined A+B	10.43	10.43		16.02	11.04	39.99
				119	6545	Full BW	SISO A	10.18	10.18		15.77	10.42	37.76
							SISO B	10.02	10.02		15.61	10.05	36.39
							MIMO A	7.64	7.64		13.23	5.81	21.04
							MIMO B	7.59	7.59		13.18	5.74	20.80
							Combined A+B	10.63	10.63		16.22	11.55	41.83
	802.11ax	160	HE0	111	6505	Full BW	SISO A	13.48	13.48		19.07	22.28	80.72
							SISO B	13.08	13.08		18.67	20.32	73.62
							MIMO A	10.70	10.70		16.29	11.75	42.56
							MIMO B	10.27	10.27		15.86	10.64	38.55
							Combined A+B	13.50	13.50		19.09	22.39	81.11

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII7

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII-7	802.11a	20	6	117	6535	n/a	SISO A	4.06	4.06	5.59	9.65	2.55	9.23
							SISO B	4.40	4.40		9.99	2.75	9.98
				149	6695		SISO A	4.34	4.34		9.93	2.72	9.84
							SISO B	4.29	4.29		9.88	2.69	9.73
				181	6855		SISO A	4.19	4.19		9.78	2.62	9.51
							SISO B	4.56	4.56		10.15	2.86	10.35
	802.11n	20	HT0	117	6535	n/a	SISO A	4.33	4.33		9.92	2.71	9.82
							SISO B	4.21	4.21		9.80	2.64	9.55
				149	6695		SISO A	4.27	4.27		9.86	2.67	9.68
							SISO B	4.88	4.88		10.47	3.08	11.14
				181	6855		SISO A	4.77	4.77		10.36	3.00	10.86
							SISO B	4.30	4.30		9.89	2.69	9.75
	802.11n	20	HT8	117	6535	n/a	MIMO A	1.30	1.30		6.89	1.35	4.89
							MIMO B	1.01	1.01		6.60	1.26	4.57
							Combined A+B	4.17	4.17		9.76	2.61	9.46
				149	6695		MIMO A	1.03	1.03		6.62	1.27	4.59
							MIMO B	1.12	1.12		6.71	1.29	4.69
							Combined A+B	4.09	4.09		9.68	2.56	9.28
				181	6855		MIMO A	1.66	1.66		7.25	1.47	5.31
							MIMO B	0.86	0.86		6.45	1.22	4.42
							Combined A+B	4.29	4.29		9.88	2.68	9.72
	802.11n	40	HT0	115	6525	n/a	SISO A	7.48	7.48		13.07	5.60	20.28
							SISO B	7.67	7.67		13.26	5.85	21.18
				147	6685		SISO A	7.56	7.56		13.15	5.70	20.65
							SISO B	7.10	7.10		12.69	5.13	18.58
				179	6845		SISO A	7.53	7.53		13.12	5.66	20.51
							SISO B	7.76	7.76		13.35	5.97	21.63
	802.11n	40	HT8	115	6525	n/a	MIMO A	4.80	4.80		10.39	3.02	10.94
							MIMO B	4.70	4.70		10.29	2.95	10.69
							Combined A+B	7.76	7.76		13.35	5.97	21.63
				147	6685		MIMO A	4.56	4.56		10.15	2.86	10.35
							MIMO B	4.15	4.15		9.74	2.60	9.42
							Combined A+B	7.37	7.37		12.96	5.46	19.77
				179	6845		MIMO A	4.51	4.51		10.10	2.82	10.23
							MIMO B	3.96	3.96		9.55	2.49	9.02
							Combined A+B	7.25	7.25		12.84	5.31	19.25

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII-7	802.11ac	80	VHT0	135	6625	n/a	SISO A	10.74	10.74	5.59	16.33	11.86	42.95
							SISO B	10.92	10.92		16.51	12.36	44.77
							MIMO A	7.53	7.53		13.12	5.66	20.51
							MIMO B	7.38	7.38		12.97	5.47	19.82
							Combined A+B	10.47	10.47		16.06	11.13	40.33
				167	6785		SISO A	10.83	10.83		16.42	12.11	43.85
							SISO B	10.84	10.84		16.43	12.13	43.95
							MIMO A	7.68	7.68		13.27	5.86	21.23
							MIMO B	7.37	7.37		12.96	5.46	19.77
							Combined A+B	10.54	10.54		16.13	11.32	41.00
	802.11ac	160	VHT0	143	6665	n/a	SISO A	13.43	13.43		19.02	22.03	79.80
							SISO B	13.29	13.29		18.88	21.33	77.27
							MIMO A	10.16	10.16		15.75	10.38	37.58
							MIMO B	10.11	10.11		15.70	10.26	37.15
							Combined A+B	13.15	13.15		18.74	20.63	74.74
	802.11ax	20	HE0	117	6535	Full BW	SISO A	4.42	4.42		10.01	2.77	10.02
							SISO B	4.43	4.43		10.02	2.77	10.05
							MIMO A	1.13	1.13		6.72	1.30	4.70
							MIMO B	0.98	0.98		6.57	1.25	4.54
							Combined A+B	4.07	4.07		9.66	2.55	9.24
				149	6695		SISO A	4.06	4.06		9.65	2.55	9.23
							SISO B	4.24	4.24		9.83	2.65	9.62
							MIMO A	1.29	1.29		6.88	1.35	4.88
							MIMO B	1.28	1.28		6.87	1.34	4.86
							Combined A+B	4.30	4.30		9.89	2.69	9.74
				181	6855		SISO A	4.29	4.29		9.88	2.69	9.73
							SISO B	4.77	4.77		10.36	3.00	10.86
							MIMO A	1.82	1.82		7.41	1.52	5.51
							MIMO B	1.18	1.18		6.77	1.31	4.75
							Combined A+B	4.52	4.52		10.11	2.83	10.26

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII7	802.11ax	40	HE0	115	6525	Full BW	SISO A	7.48	7.48	5.59	13.07	5.60	20.28
							SISO B	7.92	7.92		13.51	6.19	22.44
							MIMO A	4.50	4.50		10.09	2.82	10.21
							MIMO B	4.18	4.18		9.77	2.62	9.48
							Combined A+B	7.35	7.35		12.94	5.44	19.69
				147	6685		SISO A	7.67	7.67		13.26	5.85	21.18
							SISO B	7.51	7.51		13.10	5.64	20.42
							MIMO A	4.32	4.32		9.91	2.70	9.79
							MIMO B	4.03	4.03		9.62	2.53	9.16
							Combined A+B	7.19	7.19		12.78	5.23	18.96
				179	6845		SISO A	7.70	7.70		13.29	5.89	21.33
							SISO B	7.82	7.82		13.41	6.05	21.93
							MIMO A	4.56	4.56		10.15	2.86	10.35
							MIMO B	3.99	3.99		9.58	2.51	9.08
							Combined A+B	7.29	7.29		12.88	5.36	19.43
		80	HE0	135	6625	Full BW	SISO A	10.68	10.68		16.27	11.69	42.36
							SISO B	10.98	10.98		16.57	12.53	45.39
							MIMO A	7.85	7.85		13.44	6.10	22.08
							MIMO B	7.53	7.53		13.12	5.66	20.51
							Combined A+B	10.70	10.70		16.29	11.76	42.59
				167	6785		SISO A	10.69	10.69		16.28	11.72	42.46
							SISO B	10.95	10.95		16.54	12.45	45.08
							MIMO A	7.94	7.94		13.53	6.22	22.54
							MIMO B	7.73	7.73		13.32	5.93	21.48
							Combined A+B	10.85	10.85		16.44	12.15	44.02
		160	HE0	143	6665	Full BW	SISO A	13.25	13.25		18.84	21.13	76.56
							SISO B	13.10	13.10		18.69	20.42	73.96
							MIMO A	10.53	10.53		16.12	11.30	40.93
							MIMO B	10.45	10.45		16.04	11.09	40.18
							Combined A+B	13.50	13.50		19.09	22.39	81.11

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII8

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII-8	802.11a	20	6	185	6875	n/a	SISO A	4.16	4.16	5.59	9.75	2.61	9.44
							SISO B	4.54	4.54		10.13	2.84	10.30
				209	6995		SISO A	4.13	4.13		9.72	2.59	9.38
							SISO B	3.65	3.65		9.24	2.32	8.39
				229	7095		SISO A	4.24	4.24		9.83	2.65	9.62
							SISO B	3.72	3.72		9.31	2.36	8.53
				233	7115		SISO A	1.46	1.46		7.05	1.40	5.07
							SISO B	0.63	0.63		6.22	1.16	4.19
	802.11n	20	HT0	185	6875	n/a	SISO A	4.60	4.60		10.19	2.88	10.45
							SISO B	4.61	4.61		10.20	2.89	10.47
				209	6995		SISO A	4.39	4.39		9.98	2.75	9.95
							SISO B	3.76	3.76		9.35	2.38	8.61
				229	7095		SISO A	4.52	4.52		10.11	2.83	10.26
							SISO B	4.20	4.20		9.79	2.63	9.53
				233	7115		SISO A	0.61	0.61		6.20	1.15	4.17
							SISO B	0.21	0.21		5.80	1.05	3.80
			HT8	185	6875		MIMO A	1.67	1.67		7.26	1.47	5.32
							MIMO B	0.86	0.86		6.45	1.22	4.42
							Combined A+B	4.29	4.29		9.88	2.69	9.74
				209	6995		MIMO A	1.46	1.46		7.05	1.40	5.07
							MIMO B	0.47	0.47		6.06	1.11	4.04
							Combined A+B	4.00	4.00		9.59	2.51	9.11
				229	7095		MIMO A	1.59	1.59		7.18	1.44	5.22
							MIMO B	0.36	0.36		5.95	1.09	3.94
							Combined A+B	4.03	4.03		9.62	2.53	9.16
				233	7115		MIMO A	-1.86	-1.86		3.73	0.65	2.36
							MIMO B	-2.34	-2.34		3.25	0.58	2.11
							Combined A+B	0.92	0.92		6.51	1.24	4.47
	802.11n	40	HT0	187	6885	n/a	SISO A	7.52	7.52		13.11	5.65	20.46
							SISO B	7.82	7.82		13.41	6.05	21.93
				227	7085		SISO A	7.64	7.64		13.23	5.81	21.04
							SISO B	7.36	7.36		12.95	5.45	19.72
			HT8	187	6885		MIMO A	4.88	4.88		10.47	3.08	11.14
							MIMO B	4.20	4.20		9.79	2.63	9.53
							Combined A+B	7.56	7.56		13.15	5.71	20.67
				227	7085		MIMO A	4.73	4.73		10.32	2.97	10.76
							MIMO B	4.23	4.23		9.82	2.65	9.59
							Combined A+B	7.50	7.50		13.09	5.62	20.36
	802.11ac	80	VHT0	183	6865	n/a	SISO A	10.66	10.66		16.25	11.64	42.17
							SISO B	10.11	10.11		15.70	10.26	37.15
							MIMO A	7.64	7.64		13.23	5.81	21.04
							MIMO B	6.77	6.77		12.36	4.75	17.22
							Combined A+B	10.24	10.24		15.83	10.56	38.26
				199	6945		SISO A	10.75	10.75		16.34	11.89	43.05
							SISO B	10.40	10.40		15.99	10.96	39.72
							MIMO A	7.29	7.29		12.88	5.36	19.41
							MIMO B	6.79	6.79		12.38	4.78	17.30
							Combined A+B	10.06	10.06		15.65	10.13	36.71
				215	7025		SISO A	10.70	10.70		16.29	11.75	42.56
							SISO B	11.04	11.04		16.63	12.71	46.03
							MIMO A	7.40	7.40		12.99	5.50	19.91
							MIMO B	7.05	7.05		12.64	5.07	18.37
							Combined A+B	10.24	10.24		15.83	10.57	38.27

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII-8	802.11ac	160	VHT0	207	6985	n/a	SISO A	13.80	13.80	5.59	19.39	23.99	86.90
							SISO B	12.15	12.15		17.74	16.41	59.43
							MIMO A	10.48	10.48		16.07	11.17	40.46
							MIMO B	9.95	9.95		15.54	9.89	35.81
							Combined A+B	13.23	13.23		18.82	21.05	76.27

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII8	802.11ax	20	HE0	185	6875	Full BW	SISO A	4.76	4.76	5.59	10.35	2.99	10.84
							SISO B	4.77	4.77		10.36	3.00	10.86
							MIMO A	1.31	1.31		6.90	1.35	4.90
							MIMO B	1.71	1.71		7.30	1.48	5.37
							Combined A+B	4.52	4.52		10.11	2.83	10.27
				209	6995		SISO A	4.79	4.79		10.38	3.01	10.91
							SISO B	4.83	4.83		10.42	3.04	11.02
							MIMO A	1.32	1.32		6.91	1.36	4.91
							MIMO B	1.09	1.09		6.68	1.29	4.66
							Combined A+B	4.22	4.22		9.81	2.64	9.56
				229	7095		SISO A	4.76	4.76		10.35	2.99	10.84
							SISO B	4.84	4.84		10.43	3.05	11.04
							MIMO A	1.55	1.55		7.14	1.43	5.18
							MIMO B	1.04	1.04		6.63	1.27	4.60
							Combined A+B	4.31	4.31		9.90	2.70	9.78
				233	7115		SISO A	0.73	0.73		6.32	1.18	4.29
							SISO B	0.38	0.38		5.97	1.09	3.95
							MIMO A	-2.39	-2.39		3.20	0.58	2.09
							MIMO B	-2.44	-2.44		3.15	0.57	2.07
							Combined A+B	0.60	0.60		6.19	1.15	4.15
	802.11ax	40	HE0	187	6885	Full BW	SISO A	7.80	7.80		13.39	6.03	21.83
							SISO B	7.56	7.56		13.15	5.70	20.65
							MIMO A	4.52	4.52		10.11	2.83	10.26
							MIMO B	3.90	3.90		9.49	2.45	8.89
							Combined A+B	7.23	7.23		12.82	5.29	19.15
				227	7085		SISO A	7.91	7.91		13.50	6.18	22.39
							SISO B	8.12	8.12		13.71	6.49	23.50
							MIMO A	4.36	4.36		9.95	2.73	9.89
							MIMO B	4.00	4.00		9.59	2.51	9.10
							Combined A+B	7.19	7.19		12.78	5.24	18.98
	802.11ax	80	HE0	183	6865	Full BW	SISO A	10.65	10.65		16.24	11.61	42.07
							SISO B	10.55	10.55		16.14	11.35	41.11
							MIMO A	7.34	7.34		12.93	5.42	19.63
							MIMO B	6.58	6.58		12.17	4.55	16.48
							Combined A+B	9.99	9.99		15.58	9.97	36.12
				199	6945		SISO A	10.86	10.86		16.45	12.19	44.16
							SISO B	10.56	10.56		16.15	11.38	41.21
							MIMO A	8.03	8.03		13.62	6.35	23.01
							MIMO B	7.46	7.46		13.05	5.57	20.18
							Combined A+B	10.76	10.76		16.35	11.93	43.20
				215	7025		SISO A	10.89	10.89		16.48	12.27	44.46
							SISO B	10.51	10.51		16.10	11.25	40.74
							MIMO A	8.08	8.08		13.67	6.43	23.28
							MIMO B	7.80	7.80		13.39	6.03	21.83
							Combined A+B	10.95	10.95		16.54	12.45	45.11
	802.11ax	160	HE0	207	6985	Full BW	SISO A	13.79	13.79		19.38	23.93	86.70
							SISO B	12.34	12.34		17.93	17.14	62.09
							MIMO A	10.74	10.74		16.33	11.86	42.95
							MIMO B	9.83	9.83		15.42	9.62	34.83
							Combined A+B	13.32	13.32		18.91	21.47	77.79

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

Maximum Power Spectral Density (PSD)

UNII5

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII5	802.11a20	6Mbps	1	5955	n/a	SISO A	-6.77	-6.77		-1.18
UNII5	802.11a20	6Mbps	1	5955	n/a	SISO B	-7.76	-7.76		-2.17
UNII5	802.11a20	6Mbps	45	6175	n/a	SISO A	-7.51	-7.51		-1.92
UNII5	802.11a20	6Mbps	45	6175	n/a	SISO B	-7.14	-7.14		-1.55
UNII5	802.11a20	6Mbps	93	6415	n/a	SISO A	-7.40	-7.40		-1.81
UNII5	802.11a20	6Mbps	93	6415	n/a	SISO B	-6.97	-6.97		-1.38
UNII5	802.11n20	HT0	1	5955	n/a	SISO A	-7.09	-7.09		-1.50
UNII5	802.11n20	HT0	1	5955	n/a	SISO B	-7.33	-7.33		-1.74
UNII5	802.11n20	HT0	45	6175	n/a	SISO A	-7.12	-7.12		-1.53
UNII5	802.11n20	HT0	45	6175	n/a	SISO B	-7.44	-7.44		-1.85
UNII5	802.11n20	HT0	93	6415	n/a	SISO A	-7.30	-7.30		-1.71
UNII5	802.11n20	HT0	93	6415	n/a	SISO B	-7.23	-7.23		-1.64
UNII5	802.11n20	HT8	1	5955	n/a	MIMO A	-10.73	-10.73		-5.14
UNII5	802.11n20	HT8	1	5955	n/a	MIMO B	-10.16	-10.16		-4.57
UNII5	802.11n20	HT8	1	5955	n/a	Combined A+B	-7.43	-7.43		-1.84
UNII5	802.11n20	HT8	45	6175	n/a	MIMO A	-10.11	-10.11		-4.52
UNII5	802.11n20	HT8	45	6175	n/a	MIMO B	-10.80	-10.80		-5.21
UNII5	802.11n20	HT8	45	6175	n/a	Combined A+B	-7.43	-7.43		-1.84
UNII5	802.11n20	HT8	93	6415	n/a	MIMO A	-9.72	-9.72		-4.13
UNII5	802.11n20	HT8	93	6415	n/a	MIMO B	-10.29	-10.29		-4.70
UNII5	802.11n20	HT8	93	6415	n/a	Combined A+B	-6.99	-6.99		-1.40
UNII5	802.11n40	HT0	3	5965	n/a	SISO A	-6.91	-6.91		-1.32
UNII5	802.11n40	HT0	3	5965	n/a	SISO B	-7.81	-7.81		-2.22
UNII5	802.11n40	HT0	43	6165	n/a	SISO A	-7.13	-7.13		-1.54
UNII5	802.11n40	HT0	43	6165	n/a	SISO B	-7.83	-7.83		-2.24
UNII5	802.11n40	HT0	91	6405	n/a	SISO A	-6.96	-6.96		-1.37
UNII5	802.11n40	HT0	91	6405	n/a	SISO B	-7.10	-7.10		-1.51
UNII5	802.11n40	HT8	3	5965	n/a	MIMO A	-10.23	-10.23		-4.64
UNII5	802.11n40	HT8	3	5965	n/a	MIMO B	-10.48	-10.48		-4.89
UNII5	802.11n40	HT8	3	5965	n/a	Combined A+B	-7.34	-7.34		-1.75
UNII5	802.11n40	HT8	43	6165	n/a	MIMO A	-9.91	-9.91	5.59	-4.32
UNII5	802.11n40	HT8	43	6165	n/a	MIMO B	-10.48	-10.48		-4.89
UNII5	802.11n40	HT8	43	6165	n/a	Combined A+B	-7.18	-7.18		-1.59
UNII5	802.11n40	HT8	91	6405	n/a	MIMO A	-10.13	-10.13		-4.54
UNII5	802.11n40	HT8	91	6405	n/a	MIMO B	-10.34	-10.34		-4.75
UNII5	802.11n40	HT8	91	6405	n/a	Combined A+B	-7.22	-7.22		-1.63
UNII5	802.11ac80	VHT0	7	5985	n/a	SISO A	-7.30	-7.30		-1.71
UNII5	802.11ac80	VHT0	7	5985	n/a	SISO B	-7.31	-7.31		-1.72
UNII5	802.11ac80	VHT0	7	5985	n/a	MIMO A	-10.69	-10.69		-5.10
UNII5	802.11ac80	VHT0	7	5985	n/a	MIMO B	-10.92	-10.92		-5.33
UNII5	802.11ac80	VHT0	7	5985	n/a	Combined A+B	-7.79	-7.79		-2.20
UNII5	802.11ac80	VHT0	39	6145	n/a	SISO A	-7.35	-7.35		-1.76
UNII5	802.11ac80	VHT0	39	6145	n/a	SISO B	-6.98	-6.98		-1.39
UNII5	802.11ac80	VHT0	39	6145	n/a	MIMO A	-10.28	-10.28		-4.69
UNII5	802.11ac80	VHT0	39	6145	n/a	MIMO B	-11.12	-11.12		-5.53
UNII5	802.11ac80	VHT0	39	6145	n/a	Combined A+B	-7.67	-7.67		-2.08
UNII5	802.11ac80	VHT0	87	6385	n/a	SISO A	-7.20	-7.20		-1.61
UNII5	802.11ac80	VHT0	87	6385	n/a	SISO B	-7.11	-7.11		-1.52
UNII5	802.11ac80	VHT0	87	6385	n/a	MIMO A	-10.62	-10.62		-5.03
UNII5	802.11ac80	VHT0	87	6385	n/a	MIMO B	-10.72	-10.72		-5.13
UNII5	802.11ac80	VHT0	87	6385	n/a	Combined A+B	-7.66	-7.66		-2.07
UNII5	802.11ac160	VHT0	15	6025	n/a	SISO A	-7.25	-7.25		-1.66
UNII5	802.11ac160	VHT0	15	6025	n/a	SISO B	-7.57	-7.57		-1.98
UNII5	802.11ac160	VHT0	15	6025	n/a	MIMO A	-10.29	-10.29		-4.70
UNII5	802.11ac160	VHT0	15	6025	n/a	MIMO B	-10.78	-10.78		-5.19
UNII5	802.11ac160	VHT0	15	6025	n/a	Combined A+B	-7.52	-7.52		-1.93
UNII5	802.11ac160	VHT0	79	6345	n/a	SISO A	-7.06	-7.06		-1.47
UNII5	802.11ac160	VHT0	79	6345	n/a	SISO B	-7.27	-7.27		-1.68
UNII5	802.11ac160	VHT0	79	6345	n/a	MIMO A	-10.51	-10.51		-4.92
UNII5	802.11ac160	VHT0	79	6345	n/a	MIMO B	-10.30	-10.30		-4.71
UNII5	802.11ac160	VHT0	79	6345	n/a	Combined A+B	-7.39	-7.39		-1.80

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII5	802.11ax20	HE0	1	5955	FullBW	SISO A	-6.84	-6.84		-1.25
UNII5	802.11ax20	HE0	1	5955	FullBW	SISO B	-7.67	-7.67		-2.08
UNII5	802.11ax20	HE0	1	5955	FullBW	MIMO A	-10.81	-10.81		-5.22
UNII5	802.11ax20	HE0	1	5955	FullBW	MIMO B	-10.12	-10.12		-4.53
UNII5	802.11ax20	HE0	1	5955	FullBW	Combined A+B	-7.44	-7.44		-1.85
UNII5	802.11ax20	HE0	45	6175	FullBW	SISO A	-7.13	-7.13		-1.54
UNII5	802.11ax20	HE0	45	6175	FullBW	SISO B	-7.59	-7.59		-2.00
UNII5	802.11ax20	HE0	45	6175	FullBW	MIMO A	-10.32	-10.32		-4.73
UNII5	802.11ax20	HE0	45	6175	FullBW	MIMO B	-10.60	-10.60		-5.01
UNII5	802.11ax20	HE0	45	6175	FullBW	Combined A+B	-7.45	-7.45		-1.86
UNII5	802.11ax20	HE0	93	6415	FullBW	SISO A	-6.88	-6.88		-1.29
UNII5	802.11ax20	HE0	93	6415	FullBW	SISO B	-7.41	-7.41		-1.82
UNII5	802.11ax20	HE0	93	6415	FullBW	MIMO A	-10.11	-10.11		-4.52
UNII5	802.11ax20	HE0	93	6415	FullBW	MIMO B	-10.70	-10.70		-5.11
UNII5	802.11ax20	HE0	93	6415	FullBW	Combined A+B	-7.38	-7.38		-1.79
UNII5	802.11ax40	HE0	3	5965	FullBW	SISO A	-7.20	-7.20		-1.61
UNII5	802.11ax40	HE0	3	5965	FullBW	SISO B	-6.79	-6.79		-1.20
UNII5	802.11ax40	HE0	3	5965	FullBW	MIMO A	-10.03	-10.03		-4.44
UNII5	802.11ax40	HE0	3	5965	FullBW	MIMO B	-10.64	-10.64		-5.05
UNII5	802.11ax40	HE0	3	5965	FullBW	Combined A+B	-7.31	-7.31		-1.72
UNII5	802.11ax40	HE0	43	6165	FullBW	SISO A	-7.19	-7.19		-1.60
UNII5	802.11ax40	HE0	43	6165	FullBW	SISO B	-7.07	-7.07		-1.48
UNII5	802.11ax40	HE0	43	6165	FullBW	MIMO A	-10.27	-10.27		-4.68
UNII5	802.11ax40	HE0	43	6165	FullBW	MIMO B	-10.70	-10.70		-5.11
UNII5	802.11ax40	HE0	43	6165	FullBW	Combined A+B	-7.47	-7.47		-1.88
UNII5	802.11ax40	HE0	91	6405	FullBW	SISO A	-6.80	-6.80		-1.21
UNII5	802.11ax40	HE0	91	6405	FullBW	SISO B	-6.91	-6.91		-1.32
UNII5	802.11ax40	HE0	91	6405	FullBW	MIMO A	-10.03	-10.03	5.59	-4.44
UNII5	802.11ax40	HE0	91	6405	FullBW	MIMO B	-10.58	-10.58		-4.99
UNII5	802.11ax40	HE0	91	6405	FullBW	Combined A+B	-7.29	-7.29		-1.70
UNII5	802.11ax80	HE0	7	5985	FullBW	SISO A	-6.95	-6.95		-1.36
UNII5	802.11ax80	HE0	7	5985	FullBW	SISO B	-7.88	-7.88		-2.29
UNII5	802.11ax80	HE0	7	5985	FullBW	MIMO A	-9.87	-9.87		-4.28
UNII5	802.11ax80	HE0	7	5985	FullBW	MIMO B	-9.99	-9.99		-4.40
UNII5	802.11ax80	HE0	7	5985	FullBW	Combined A+B	-6.92	-6.92		-1.33
UNII5	802.11ax80	HE0	39	6145	FullBW	SISO A	-7.08	-7.08		-1.49
UNII5	802.11ax80	HE0	39	6145	FullBW	SISO B	-6.98	-6.98		-1.39
UNII5	802.11ax80	HE0	39	6145	FullBW	MIMO A	-10.23	-10.23		-4.64
UNII5	802.11ax80	HE0	39	6145	FullBW	MIMO B	-10.31	-10.31		-4.72
UNII5	802.11ax80	HE0	39	6145	FullBW	Combined A+B	-7.26	-7.26		-1.67
UNII5	802.11ax80	HE0	87	6385	FullBW	SISO A	-7.56	-7.56		-1.97
UNII5	802.11ax80	HE0	87	6385	FullBW	SISO B	-7.44	-7.44		-1.85
UNII5	802.11ax80	HE0	87	6385	FullBW	MIMO A	-10.83	-10.83		-5.24
UNII5	802.11ax80	HE0	87	6385	FullBW	MIMO B	-11.19	-11.19		-5.60
UNII5	802.11ax80	HE0	87	6385	FullBW	Combined A+B	-8.00	-8.00		-2.41
UNII5	802.11ax160	HE0	15	6025	FullBW	SISO A	-7.05	-7.05		-1.46
UNII5	802.11ax160	HE0	15	6025	FullBW	SISO B	-7.23	-7.23		-1.64
UNII5	802.11ax160	HE0	15	6025	FullBW	MIMO A	-10.44	-10.44		-4.85
UNII5	802.11ax160	HE0	15	6025	FullBW	MIMO B	-11.09	-11.09		-5.50
UNII5	802.11ax160	HE0	15	6025	FullBW	Combined A+B	-7.74	-7.74		-2.15
UNII5	802.11ax160	HE0	79	6345	FullBW	SISO A	-6.96	-6.96		-1.37
UNII5	802.11ax160	HE0	79	6345	FullBW	SISO B	-7.64	-7.64		-2.05
UNII5	802.11ax160	HE0	79	6345	FullBW	MIMO A	-10.28	-10.28		-4.69
UNII5	802.11ax160	HE0	79	6345	FullBW	MIMO B	-10.82	-10.82		-5.23
UNII5	802.11ax160	HE0	79	6345	FullBW	Combined A+B	-7.53	-7.53		-1.94

(1) Value compensated with the duty cycle

UNII6

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII6	802.11a20	6Mbps	97	6435	NA	SISO A	-7.18	-7.18	5.59	-1.59
UNII6	802.11a20	6Mbps	97	6435	NA	SISO B	-6.91	-6.91		-1.32
UNII6	802.11a20	6Mbps	105	6475	NA	SISO A	-7.26	-7.26		-1.67
UNII6	802.11a20	6Mbps	105	6475	NA	SISO B	-7.06	-7.06		-1.47
UNII6	802.11a20	6Mbps	113	6515	NA	SISO A	-7.07	-7.07		-1.48
UNII6	802.11a20	6Mbps	113	6515	NA	SISO B	-7.30	-7.30		-1.71
UNII6	802.11n20	HT0	97	6435	NA	SISO A	-7.24	-7.24		-1.65
UNII6	802.11n20	HT0	97	6435	NA	SISO B	-7.08	-7.08		-1.49
UNII6	802.11n20	HT0	105	6475	NA	SISO A	-7.22	-7.22		-1.63
UNII6	802.11n20	HT0	105	6475	NA	SISO B	-7.42	-7.42		-1.83
UNII6	802.11n20	HT0	113	6515	NA	SISO A	-7.06	-7.06		-1.47
UNII6	802.11n20	HT0	113	6515	NA	SISO B	-7.23	-7.23		-1.64
UNII6	802.11n20	HT8	97	6435	NA	MIMO A	-10.07	-10.07		-4.48
UNII6	802.11n20	HT8	97	6435	NA	MIMO B	-10.70	-10.70		-5.11
UNII6	802.11n20	HT8	97	6435	NA	Combined A+B	-7.36	-7.36		-1.77
UNII6	802.11n20	HT8	105	6475	NA	MIMO A	-10.66	-10.66		-5.07
UNII6	802.11n20	HT8	105	6475	NA	MIMO B	-10.84	-10.84		-5.25
UNII6	802.11n20	HT8	105	6475	NA	Combined A+B	-7.74	-7.74		-2.15
UNII6	802.11n20	HT8	113	6515	NA	MIMO A	-10.76	-10.76		-5.17
UNII6	802.11n20	HT8	113	6515	NA	MIMO B	-11.22	-11.22		-5.63
UNII6	802.11n20	HT8	113	6515	NA	Combined A+B	-7.97	-7.97		-2.38
UNII6	802.11n40	HT0	99	6445	NA	SISO A	-7.28	-7.28		-1.69
UNII6	802.11n40	HT0	99	6445	NA	SISO B	-7.24	-7.24		-1.65
UNII6	802.11n40	HT0	107	6485	NA	SISO A	-7.39	-7.39		-1.80
UNII6	802.11n40	HT0	107	6485	NA	SISO B	-6.78	-6.78		-1.19
UNII6	802.11n40	HT8	99	6445	NA	MIMO A	-10.49	-10.49		-4.90
UNII6	802.11n40	HT8	99	6445	NA	MIMO B	-10.67	-10.67		-5.08
UNII6	802.11n40	HT8	99	6445	NA	Combined A+B	-7.57	-7.57		-1.98
UNII6	802.11n40	HT8	107	6485	NA	MIMO A	-9.95	-9.95		-4.36
UNII6	802.11n40	HT8	107	6485	NA	MIMO B	-10.57	-10.57		-4.98
UNII6	802.11n40	HT8	107	6485	NA	Combined A+B	-7.24	-7.24		-1.65
UNII6	802.11ac80	VHT0	103	6465	NA	SISO A	-7.11	-7.11		-1.52
UNII6	802.11ac80	VHT0	103	6465	NA	SISO B	-7.17	-7.17		-1.58
UNII6	802.11ac80	VHT0	103	6465	NA	MIMO A	-10.34	-10.34		-4.75
UNII6	802.11ac80	VHT0	103	6465	NA	MIMO B	-10.55	-10.55		-4.96
UNII6	802.11ac80	VHT0	103	6465	NA	Combined A+B	-7.43	-7.43		-1.84
UNII6	802.11ac80	VHT0	119	6545	NA	SISO A	-7.51	-7.51		-1.92
UNII6	802.11ac80	VHT0	119	6545	NA	SISO B	-7.33	-7.33		-1.74
UNII6	802.11ac80	VHT0	119	6545	NA	MIMO A	-10.70	-10.70		-5.11
UNII6	802.11ac80	VHT0	119	6545	NA	MIMO B	-10.84	-10.84		-5.25
UNII6	802.11ac80	VHT0	119	6545	NA	Combined A+B	-7.76	-7.76		-2.17
UNII6	802.11ac160	VHT0	111	6505	NA	SISO A	-7.35	-7.35		-1.76
UNII6	802.11ac160	VHT0	111	6505	NA	SISO B	-7.50	-7.50		-1.91
UNII6	802.11ac160	VHT0	111	6505	NA	MIMO A	-10.41	-10.41		-4.82
UNII6	802.11ac160	VHT0	111	6505	NA	MIMO B	-10.79	-10.79		-5.20
UNII6	802.11ac160	VHT0	111	6505	NA	Combined A+B	-7.59	-7.59		-2.00

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII6	802.11ax20	HE0	97	6435	FullBW	SISO A	-7.14	-7.14	5.59	-1.55
UNII6	802.11ax20	HE0	97	6435	FullBW	SISO B	-6.86	-6.86		-1.27
UNII6	802.11ax20	HE0	97	6435	FullBW	MIMO A	-10.21	-10.21		-4.62
UNII6	802.11ax20	HE0	97	6435	FullBW	MIMO B	-10.39	-10.39		-4.80
UNII6	802.11ax20	HE0	97	6435	FullBW	Combined A+B	-7.29	-7.29		-1.70
UNII6	802.11ax20	HE0	105	6475	FullBW	SISO A	-7.23	-7.23		-1.64
UNII6	802.11ax20	HE0	105	6475	FullBW	SISO B	-7.28	-7.28		-1.69
UNII6	802.11ax20	HE0	105	6475	FullBW	MIMO A	-10.48	-10.48		-4.89
UNII6	802.11ax20	HE0	105	6475	FullBW	MIMO B	-10.96	-10.96		-5.37
UNII6	802.11ax20	HE0	105	6475	FullBW	Combined A+B	-7.70	-7.70		-2.11
UNII6	802.11ax20	HE0	113	6515	FullBW	SISO A	-7.46	-7.46		-1.87
UNII6	802.11ax20	HE0	113	6515	FullBW	SISO B	-7.51	-7.51		-1.92
UNII6	802.11ax20	HE0	113	6515	FullBW	MIMO A	-10.42	-10.42		-4.83
UNII6	802.11ax20	HE0	113	6515	FullBW	MIMO B	-10.77	-10.77		-5.18
UNII6	802.11ax20	HE0	113	6515	FullBW	Combined A+B	-7.58	-7.58		-1.99
UNII6	802.11ax40	HE0	99	6445	FullBW	SISO A	-7.07	-7.07		-1.48
UNII6	802.11ax40	HE0	99	6445	FullBW	SISO B	-6.76	-6.76		-1.17
UNII6	802.11ax40	HE0	99	6445	FullBW	MIMO A	-10.10	-10.10		-4.51
UNII6	802.11ax40	HE0	99	6445	FullBW	MIMO B	-10.30	-10.30		-4.71
UNII6	802.11ax40	HE0	99	6445	FullBW	Combined A+B	-7.19	-7.19		-1.60
UNII6	802.11ax40	HE0	107	6485	FullBW	SISO A	-7.19	-7.19		-1.60
UNII6	802.11ax40	HE0	107	6485	FullBW	SISO B	-7.75	-7.75		-2.16
UNII6	802.11ax40	HE0	107	6485	FullBW	MIMO A	-11.01	-11.01		-5.42
UNII6	802.11ax40	HE0	107	6485	FullBW	MIMO B	-11.19	-11.19		-5.60
UNII6	802.11ax40	HE0	107	6485	FullBW	Combined A+B	-8.09	-8.09		-2.50
UNII6	802.11ax80	HE0	103	6465	FullBW	SISO A	-7.27	-7.27		-1.68
UNII6	802.11ax80	HE0	103	6465	FullBW	SISO B	-7.96	-7.96		-2.37
UNII6	802.11ax80	HE0	103	6465	FullBW	MIMO A	-10.48	-10.48		-4.89
UNII6	802.11ax80	HE0	103	6465	FullBW	MIMO B	-10.74	-10.74		-5.15
UNII6	802.11ax80	HE0	103	6465	FullBW	Combined A+B	-7.60	-7.60		-2.01
UNII6	802.11ax80	HE0	119	6545	FullBW	SISO A	-7.83	-7.83		-2.24
UNII6	802.11ax80	HE0	119	6545	FullBW	SISO B	-7.75	-7.75		-2.16
UNII6	802.11ax80	HE0	119	6545	FullBW	MIMO A	-10.30	-10.30		-4.71
UNII6	802.11ax80	HE0	119	6545	FullBW	MIMO B	-10.34	-10.34		-4.75
UNII6	802.11ax80	HE0	119	6545	FullBW	Combined A+B	-7.31	-7.31		-1.72
UNII6	802.11ax160	HE0	111	6505	FullBW	SISO A	-7.33	-7.33		-1.74
UNII6	802.11ax160	HE0	111	6505	FullBW	SISO B	-7.73	-7.73		-2.14
UNII6	802.11ax160	HE0	111	6505	FullBW	MIMO A	-10.28	-10.28		-4.69
UNII6	802.11ax160	HE0	111	6505	FullBW	MIMO B	-10.67	-10.67		-5.08
UNII6	802.11ax160	HE0	111	6505	FullBW	Combined A+B	-7.46	-7.46		-1.87

(1) Value compensated with the duty cycle

UNII7

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII7	802.11a20	6Mbps	117	6535	NA	SISO A	-7.28	-7.28		-1.69
UNII7	802.11a20	6Mbps	117	6535	NA	SISO B	-6.93	-6.93		-1.34
UNII7	802.11a20	6Mbps	149	6695	NA	SISO A	-7.14	-7.14		-1.55
UNII7	802.11a20	6Mbps	149	6695	NA	SISO B	-6.96	-6.96		-1.37
UNII7	802.11a20	6Mbps	181	6855	NA	SISO A	-7.12	-7.12		-1.53
UNII7	802.11a20	6Mbps	181	6855	NA	SISO B	-6.80	-6.80		-1.21
UNII7	802.11n20	HT0	117	6535	NA	SISO A	-7.39	-7.39		-1.80
UNII7	802.11n20	HT0	117	6535	NA	SISO B	-7.42	-7.42		-1.83
UNII7	802.11n20	HT0	149	6695	NA	SISO A	-7.38	-7.38		-1.79
UNII7	802.11n20	HT0	149	6695	NA	SISO B	-6.78	-6.78		-1.19
UNII7	802.11n20	HT0	181	6855	NA	SISO A	-6.80	-6.80		-1.21
UNII7	802.11n20	HT0	181	6855	NA	SISO B	-7.40	-7.40		-1.81
UNII7	802.11n20	HT8	117	6535	NA	MIMO A	-10.37	-10.37		-4.78
UNII7	802.11n20	HT8	117	6535	NA	MIMO B	-10.59	-10.59		-5.00
UNII7	802.11n20	HT8	117	6535	NA	Combined A+B	-7.47	-7.47		-1.88
UNII7	802.11n20	HT8	149	6695	NA	MIMO A	-10.72	-10.72		-5.13
UNII7	802.11n20	HT8	149	6695	NA	MIMO B	-10.37	-10.37		-4.78
UNII7	802.11n20	HT8	149	6695	NA	Combined A+B	-7.53	-7.53		-1.94
UNII7	802.11n20	HT8	181	6855	NA	MIMO A	-10.04	-10.04		-4.45
UNII7	802.11n20	HT8	181	6855	NA	MIMO B	-10.62	-10.62		-5.03
UNII7	802.11n20	HT8	181	6855	NA	Combined A+B	-7.31	-7.31		-1.72
UNII7	802.11n40	HT0	115	6525	NA	SISO A	-7.32	-7.32		-1.73
UNII7	802.11n40	HT0	115	6525	NA	SISO B	-7.07	-7.07		-1.48
UNII7	802.11n40	HT0	147	6685	NA	SISO A	-7.15	-7.15		-1.56
UNII7	802.11n40	HT0	147	6685	NA	SISO B	-7.58	-7.58		-1.99
UNII7	802.11n40	HT0	179	6845	NA	SISO A	-7.20	-7.20	5.59	-1.61
UNII7	802.11n40	HT0	179	6845	NA	SISO B	-6.99	-6.99		-1.40
UNII7	802.11n40	HT8	115	6525	NA	MIMO A	-10.02	-10.02		-4.43
UNII7	802.11n40	HT8	115	6525	NA	MIMO B	-9.95	-9.95		-4.36
UNII7	802.11n40	HT8	115	6525	NA	Combined A+B	-6.97	-6.97		-1.38
UNII7	802.11n40	HT8	147	6685	NA	MIMO A	-10.14	-10.14		-4.55
UNII7	802.11n40	HT8	147	6685	NA	MIMO B	-10.58	-10.58		-4.99
UNII7	802.11n40	HT8	147	6685	NA	Combined A+B	-7.34	-7.34		-1.75
UNII7	802.11n40	HT8	179	6845	NA	MIMO A	-10.17	-10.17		-4.58
UNII7	802.11n40	HT8	179	6845	NA	MIMO B	-10.70	-10.70		-5.11
UNII7	802.11n40	HT8	179	6845	NA	Combined A+B	-7.42	-7.42		-1.83
UNII7	802.11ac80	VHT0	135	6625	NA	SISO A	-7.24	-7.24		-1.65
UNII7	802.11ac80	VHT0	135	6625	NA	SISO B	-7.02	-7.02		-1.43
UNII7	802.11ac80	VHT0	135	6625	NA	MIMO A	-10.41	-10.41		-4.82
UNII7	802.11ac80	VHT0	135	6625	NA	MIMO B	-10.68	-10.68		-5.09
UNII7	802.11ac80	VHT0	135	6625	NA	Combined A+B	-7.53	-7.53		-1.94
UNII7	802.11ac80	VHT0	167	6785	NA	SISO A	-7.19	-7.19		-1.60
UNII7	802.11ac80	VHT0	167	6785	NA	SISO B	-7.18	-7.18		-1.59
UNII7	802.11ac80	VHT0	167	6785	NA	MIMO A	-10.29	-10.29		-4.70
UNII7	802.11ac80	VHT0	167	6785	NA	MIMO B	-10.56	-10.56		-4.97
UNII7	802.11ac80	VHT0	167	6785	NA	Combined A+B	-7.41	-7.41		-1.82
UNII7	802.11ac160	VHT0	143	6665	NA	SISO A	-7.48	-7.48		-1.89
UNII7	802.11ac160	VHT0	143	6665	NA	SISO B	-7.51	-7.51		-1.92
UNII7	802.11ac160	VHT0	143	6665	NA	MIMO A	-10.74	-10.74		-5.15
UNII7	802.11ac160	VHT0	143	6665	NA	MIMO B	-10.73	-10.73		-5.14
UNII7	802.11ac160	VHT0	143	6665	NA	Combined A+B	-7.72	-7.72		-2.13

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII7	802.11ax20	HE0	117	6535	FullBW	SISO A	-7.15	-7.15		-1.56
UNII7	802.11ax20	HE0	117	6535	FullBW	SISO B	-7.46	-7.46		-1.87
UNII7	802.11ax20	HE0	117	6535	FullBW	MIMO A	-10.61	-10.61		-5.02
UNII7	802.11ax20	HE0	117	6535	FullBW	MIMO B	-10.74	-10.74		-5.15
UNII7	802.11ax20	HE0	117	6535	FullBW	Combined A+B	-7.66	-7.66		-2.07
UNII7	802.11ax20	HE0	149	6695	FullBW	SISO A	-7.84	-7.84		-2.25
UNII7	802.11ax20	HE0	149	6695	FullBW	SISO B	-7.55	-7.55		-1.96
UNII7	802.11ax20	HE0	149	6695	FullBW	MIMO A	-10.49	-10.49		-4.90
UNII7	802.11ax20	HE0	149	6695	FullBW	MIMO B	-10.62	-10.62		-5.03
UNII7	802.11ax20	HE0	149	6695	FullBW	Combined A+B	-7.54	-7.54		-1.95
UNII7	802.11ax20	HE0	181	6855	FullBW	SISO A	-7.55	-7.55		-1.96
UNII7	802.11ax20	HE0	181	6855	FullBW	SISO B	-7.03	-7.03		-1.44
UNII7	802.11ax20	HE0	181	6855	FullBW	MIMO A	-10.05	-10.05		-4.46
UNII7	802.11ax20	HE0	181	6855	FullBW	MIMO B	-10.71	-10.71		-5.12
UNII7	802.11ax20	HE0	181	6855	FullBW	Combined A+B	-7.36	-7.36		-1.77
UNII7	802.11ax40	HE0	115	6525	FullBW	SISO A	-7.42	-7.42		-1.83
UNII7	802.11ax40	HE0	115	6525	FullBW	SISO B	-6.78	-6.78		-1.19
UNII7	802.11ax40	HE0	115	6525	FullBW	MIMO A	-10.39	-10.39		-4.80
UNII7	802.11ax40	HE0	115	6525	FullBW	MIMO B	-10.52	-10.52		-4.93
UNII7	802.11ax40	HE0	115	6525	FullBW	Combined A+B	-7.44	-7.44		-1.85
UNII7	802.11ax40	HE0	147	6685	FullBW	SISO A	-7.14	-7.14		-1.55
UNII7	802.11ax40	HE0	147	6685	FullBW	SISO B	-7.29	-7.29		-1.70
UNII7	802.11ax40	HE0	147	6685	FullBW	MIMO A	-10.55	-10.55	5.59	-4.96
UNII7	802.11ax40	HE0	147	6685	FullBW	MIMO B	-10.70	-10.70		-5.11
UNII7	802.11ax40	HE0	147	6685	FullBW	Combined A+B	-7.61	-7.61		-2.02
UNII7	802.11ax40	HE0	179	6845	FullBW	SISO A	-7.08	-7.08		-1.49
UNII7	802.11ax40	HE0	179	6845	FullBW	SISO B	-6.94	-6.94		-1.35
UNII7	802.11ax40	HE0	179	6845	FullBW	MIMO A	-10.24	-10.24		-4.65
UNII7	802.11ax40	HE0	179	6845	FullBW	MIMO B	-10.93	-10.93		-5.34
UNII7	802.11ax40	HE0	179	6845	FullBW	Combined A+B	-7.56	-7.56		-1.97
UNII7	802.11ax80	HE0	135	6625	FullBW	SISO A	-7.01	-7.01		-1.42
UNII7	802.11ax80	HE0	135	6625	FullBW	SISO B	-6.97	-6.97		-1.38
UNII7	802.11ax80	HE0	135	6625	FullBW	MIMO A	-10.07	-10.07		-4.48
UNII7	802.11ax80	HE0	135	6625	FullBW	MIMO B	-10.39	-10.39		-4.80
UNII7	802.11ax80	HE0	135	6625	FullBW	Combined A+B	-7.22	-7.22		-1.63
UNII7	802.11ax80	HE0	167	6785	FullBW	SISO A	-7.23	-7.23		-1.64
UNII7	802.11ax80	HE0	167	6785	FullBW	SISO B	-7.07	-7.07		-1.48
UNII7	802.11ax80	HE0	167	6785	FullBW	MIMO A	-9.92	-9.92		-4.33
UNII7	802.11ax80	HE0	167	6785	FullBW	MIMO B	-10.11	-10.11		-4.52
UNII7	802.11ax80	HE0	167	6785	FullBW	Combined A+B	-7.00	-7.00		-1.41
UNII7	802.11ax160	HE0	143	6665	FullBW	SISO A	-7.66	-7.66		-2.07
UNII7	802.11ax160	HE0	143	6665	FullBW	SISO B	-7.65	-7.65		-2.06
UNII7	802.11ax160	HE0	143	6665	FullBW	MIMO A	-10.22	-10.22		-4.63
UNII7	802.11ax160	HE0	143	6665	FullBW	MIMO B	-10.38	-10.38		-4.79
UNII7	802.11ax160	HE0	143	6665	FullBW	Combined A+B	-7.29	-7.29		-1.70

(1) Value compensated with the duty cycle

UNII8

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII8	802.11a20	6Mbps	185	6875	NA	SISO A	-7.15	-7.15	5.59	-1.56
UNII8	802.11a20	6Mbps	185	6875	NA	SISO B	-6.72	-6.72		-1.13
UNII8	802.11a20	6Mbps	209	6995	NA	SISO A	-7.36	-7.36		-1.77
UNII8	802.11a20	6Mbps	209	6995	NA	SISO B	-7.79	-7.79		-2.20
UNII8	802.11a20	6Mbps	229	7095	NA	SISO A	-7.20	-7.20		-1.61
UNII8	802.11a20	6Mbps	229	7095	NA	SISO B	-7.77	-7.77		-2.18
UNII8	802.11a20	6Mbps	233	7115	NA	SISO A	-10.01	-10.01		-4.42
UNII8	802.11a20	6Mbps	233	7115	NA	SISO B	-10.84	-10.84		-5.25
UNII8	802.11n20	HT0	185	6875	NA	SISO A	-6.99	-6.99		-1.40
UNII8	802.11n20	HT0	185	6875	NA	SISO B	-6.97	-6.97		-1.38
UNII8	802.11n20	HT0	209	6995	NA	SISO A	-7.37	-7.37		-1.78
UNII8	802.11n20	HT0	209	6995	NA	SISO B	-7.98	-7.98		-2.39
UNII8	802.11n20	HT0	229	7095	NA	SISO A	-7.27	-7.27		-1.68
UNII8	802.11n20	HT0	229	7095	NA	SISO B	-7.53	-7.53		-1.94
UNII8	802.11n20	HT0	233	7115	NA	SISO A	-11.20	-11.20		-5.61
UNII8	802.11n20	HT0	233	7115	NA	SISO B	-11.50	-11.50		-5.91
UNII8	802.11n20	HT8	185	6875	NA	MIMO A	-9.86	-9.86		-4.27
UNII8	802.11n20	HT8	185	6875	NA	MIMO B	-10.82	-10.82		-5.23
UNII8	802.11n20	HT8	185	6875	NA	Combined A+B	-7.30	-7.30		-1.71
UNII8	802.11n20	HT8	209	6995	NA	MIMO A	-10.29	-10.29		-4.70
UNII8	802.11n20	HT8	209	6995	NA	MIMO B	-11.25	-11.25		-5.66
UNII8	802.11n20	HT8	209	6995	NA	Combined A+B	-7.73	-7.73		-2.14
UNII8	802.11n20	HT8	229	7095	NA	MIMO A	-10.18	-10.18		-4.59
UNII8	802.11n20	HT8	229	7095	NA	MIMO B	-11.33	-11.33		-5.74
UNII8	802.11n20	HT8	229	7095	NA	Combined A+B	-7.71	-7.71		-2.12
UNII8	802.11n20	HT8	233	7115	NA	MIMO A	-13.64	-13.64		-8.05
UNII8	802.11n20	HT8	233	7115	NA	MIMO B	-14.07	-14.07		-8.48
UNII8	802.11n20	HT8	233	7115	NA	Combined A+B	-10.84	-10.84		-5.25
UNII8	802.11n40	HT0	187	6885	NA	SISO A	-7.27	-7.27		-1.68
UNII8	802.11n40	HT0	187	6885	NA	SISO B	-6.89	-6.89		-1.30
UNII8	802.11n40	HT0	227	7085	NA	SISO A	-7.25	-7.25		-1.66
UNII8	802.11n40	HT0	227	7085	NA	SISO B	-7.53	-7.53		-1.94
UNII8	802.11n40	HT8	187	6885	NA	MIMO A	-9.86	-9.86		-4.27
UNII8	802.11n40	HT8	187	6885	NA	MIMO B	-10.44	-10.44		-4.85
UNII8	802.11n40	HT8	187	6885	NA	Combined A+B	-7.13	-7.13		-1.54
UNII8	802.11n40	HT8	227	7085	NA	MIMO A	-10.08	-10.08		-4.49
UNII8	802.11n40	HT8	227	7085	NA	MIMO B	-10.63	-10.63		-5.04
UNII8	802.11n40	HT8	227	7085	NA	Combined A+B	-7.34	-7.34		-1.75
UNII8	802.11ac80	VHT0	183	6865	NA	SISO A	-7.37	-7.37		-1.78
UNII8	802.11ac80	VHT0	183	6865	NA	SISO B	-7.85	-7.85		-2.26
UNII8	802.11ac80	VHT0	183	6865	NA	MIMO A	-10.35	-10.35		-4.76
UNII8	802.11ac80	VHT0	183	6865	NA	MIMO B	-11.20	-11.20		-5.61
UNII8	802.11ac80	VHT0	183	6865	NA	Combined A+B	-7.74	-7.74		-2.15
UNII8	802.11ac80	VHT0	199	6945	NA	SISO A	-7.40	-7.40		-1.81
UNII8	802.11ac80	VHT0	199	6945	NA	SISO B	-7.73	-7.73		-2.14
UNII8	802.11ac80	VHT0	199	6945	NA	MIMO A	-10.90	-10.90		-5.31
UNII8	802.11ac80	VHT0	199	6945	NA	MIMO B	-11.27	-11.27		-5.68
UNII8	802.11ac80	VHT0	199	6945	NA	Combined A+B	-8.07	-8.07		-2.48
UNII8	802.11ac80	VHT0	215	7025	NA	SISO A	-7.39	-7.39		-1.80
UNII8	802.11ac80	VHT0	215	7025	NA	SISO B	-7.01	-7.01		-1.42
UNII8	802.11ac80	VHT0	215	7025	NA	MIMO A	-10.69	-10.69		-5.10
UNII8	802.11ac80	VHT0	215	7025	NA	MIMO B	-11.08	-11.08		-5.49
UNII8	802.11ac80	VHT0	215	7025	NA	Combined A+B	-7.87	-7.87		-2.28
UNII8	802.11ac160	VHT0	207	6985	NA	SISO A	-7.11	-7.11		-1.52
UNII8	802.11ac160	VHT0	207	6985	NA	SISO B	-8.85	-8.85		-3.26
UNII8	802.11ac160	VHT0	207	6985	NA	MIMO A	-10.46	-10.46		-4.87
UNII8	802.11ac160	VHT0	207	6985	NA	MIMO B	-10.94	-10.94		-5.35
UNII8	802.11ac160	VHT0	207	6985	NA	Combined A+B	-7.68	-7.68		-2.09

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII8	802.11ax20	HE0	185	6875	FullBW	SISO A	-7.15	-7.15	5.59	-1.56
UNII8	802.11ax20	HE0	185	6875	FullBW	SISO B	-7.05	-7.05		-1.46
UNII8	802.11ax20	HE0	185	6875	FullBW	MIMO A	-10.38	-10.38		-4.79
UNII8	802.11ax20	HE0	185	6875	FullBW	MIMO B	-10.10	-10.10		-4.51
UNII8	802.11ax20	HE0	185	6875	FullBW	Combined A+B	-7.23	-7.23		-1.64
UNII8	802.11ax20	HE0	209	6995	FullBW	SISO A	-7.17	-7.17		-1.58
UNII8	802.11ax20	HE0	209	6995	FullBW	SISO B	-7.08	-7.08		-1.49
UNII8	802.11ax20	HE0	209	6995	FullBW	MIMO A	-10.69	-10.69		-5.10
UNII8	802.11ax20	HE0	209	6995	FullBW	MIMO B	-10.82	-10.82		-5.23
UNII8	802.11ax20	HE0	209	6995	FullBW	Combined A+B	-7.74	-7.74		-2.15
UNII8	802.11ax20	HE0	229	7095	FullBW	SISO A	-7.22	-7.22		-1.63
UNII8	802.11ax20	HE0	229	7095	FullBW	SISO B	-7.12	-7.12		-1.53
UNII8	802.11ax20	HE0	229	7095	FullBW	MIMO A	-10.36	-10.36		-4.77
UNII8	802.11ax20	HE0	229	7095	FullBW	MIMO B	-10.95	-10.95		-5.36
UNII8	802.11ax20	HE0	229	7095	FullBW	Combined A+B	-7.63	-7.63		-2.04
UNII8	802.11ax20	HE0	233	7115	FullBW	SISO A	-11.29	-11.29		-5.70
UNII8	802.11ax20	HE0	233	7115	FullBW	SISO B	-11.69	-11.69		-6.10
UNII8	802.11ax20	HE0	233	7115	FullBW	MIMO A	-14.38	-14.38		-8.79
UNII8	802.11ax20	HE0	233	7115	FullBW	MIMO B	-14.47	-14.47		-8.88
UNII8	802.11ax20	HE0	233	7115	FullBW	Combined A+B	-11.41	-11.41		-5.82
UNII8	802.11ax40	HE0	187	6885	FullBW	SISO A	-7.03	-7.03		-1.44
UNII8	802.11ax40	HE0	187	6885	FullBW	SISO B	-7.41	-7.41		-1.82
UNII8	802.11ax40	HE0	187	6885	FullBW	MIMO A	-10.30	-10.30		-4.71
UNII8	802.11ax40	HE0	187	6885	FullBW	MIMO B	-10.84	-10.84		-5.25
UNII8	802.11ax40	HE0	187	6885	FullBW	Combined A+B	-7.55	-7.55		-1.96
UNII8	802.11ax40	HE0	227	7085	FullBW	SISO A	-7.09	-7.09		-1.50
UNII8	802.11ax40	HE0	227	7085	FullBW	SISO B	-6.89	-6.89		-1.30
UNII8	802.11ax40	HE0	227	7085	FullBW	MIMO A	-10.62	-10.62		-5.03
UNII8	802.11ax40	HE0	227	7085	FullBW	MIMO B	-11.06	-11.06		-5.47
UNII8	802.11ax40	HE0	227	7085	FullBW	Combined A+B	-7.82	-7.82		-2.23
UNII8	802.11ax80	HE0	183	6865	FullBW	SISO A	-7.36	-7.36		-1.77
UNII8	802.11ax80	HE0	183	6865	FullBW	SISO B	-7.42	-7.42		-1.83
UNII8	802.11ax80	HE0	183	6865	FullBW	MIMO A	-10.70	-10.70		-5.11
UNII8	802.11ax80	HE0	183	6865	FullBW	MIMO B	-11.40	-11.40		-5.81
UNII8	802.11ax80	HE0	183	6865	FullBW	Combined A+B	-8.03	-8.03		-2.44
UNII8	802.11ax80	HE0	199	6945	FullBW	SISO A	-7.31	-7.31		-1.72
UNII8	802.11ax80	HE0	199	6945	FullBW	SISO B	-7.57	-7.57		-1.98
UNII8	802.11ax80	HE0	199	6945	FullBW	MIMO A	-10.14	-10.14		-4.55
UNII8	802.11ax80	HE0	199	6945	FullBW	MIMO B	-10.74	-10.74		-5.15
UNII8	802.11ax80	HE0	199	6945	FullBW	Combined A+B	-7.42	-7.42		-1.83
UNII8	802.11ax80	HE0	215	7025	FullBW	SISO A	-7.33	-7.33		-1.74
UNII8	802.11ax80	HE0	215	7025	FullBW	SISO B	-7.70	-7.70		-2.11
UNII8	802.11ax80	HE0	215	7025	FullBW	MIMO A	-10.05	-10.05		-4.46
UNII8	802.11ax80	HE0	215	7025	FullBW	MIMO B	-10.38	-10.38		-4.79
UNII8	802.11ax80	HE0	215	7025	FullBW	Combined A+B	-7.20	-7.20		-1.61
UNII8	802.11ax160	HE0	207	6985	FullBW	SISO A	-7.20	-7.20		-1.61
UNII8	802.11ax160	HE0	207	6985	FullBW	SISO B	-8.63	-8.63		-3.04
UNII8	802.11ax160	HE0	207	6985	FullBW	MIMO A	-10.21	-10.21		-4.62
UNII8	802.11ax160	HE0	207	6985	FullBW	MIMO B	-11.16	-11.16		-5.57
UNII8	802.11ax160	HE0	207	6985	FullBW	Combined A+B	-7.65	-7.65		-2.06

(1) Value compensated with the duty cycle

B.2.3 Emissions mask

Test limits

FCC part	Limits
15.407 (b) (6)	For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure the unwanted mask emissions. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared antenna gain.

Note: The nominal bandwidth was used to construct the mask as it is stringent than the 26dB emission bandwidth.

See Section C.1.3 for the screenshot results.

B.2.4 Contention-based protocol

Test limits

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.
Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm).

Test procedure

The contention-based protocol setup shown in section *Test & System Description* was used to measure the contention-based protocol. The EUT ceased transmission when the AWGN source signal level described in table result below is set to transmit.
Incumbent signal is emulated by using a 10MHz bandwidth AWGN source generated by the vector signal generator.
The EUT is transmitting at the maximum possible payload and the spectrum analyzer monitors the transmissions in response to the AWGN signal. Insertion loss of the test setup were considered on the spectrum analyser reading.

Result Tables

Contention-based Protocol Threshold minimum level

UNII	Channel	Bandwidth [MHz]	EUT Freq [MHz] f_{c1}	Incumbent Placement/Frequency [MHz] f_{c2}		Threshold level of AWGN incumbent (dBm) at antenna level*see note below	Status of EUT transmision
5	45	20	6175	$f_{c1} = f_{c2}$	6175	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
6	105	20	6475	$f_{c1} = f_{c2}$	6475	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
7	149	20	6695	$f_{c1} = f_{c2}$	6695	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
8	209	20	6995	$f_{c1} = f_{c2}$	6995	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
5	15	160	6025	Lower Edge	5950	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
				$f_{c1} = f_{c2}$	6025	**-74**	**Ceased**
						-75	Minimal
						-76	Normal
				Upper edge	6100	**-72**	**Ceased**
						-73	Minimal
						-74	Normal
6-7	111	160	6505	Lower Edge	6430	**-62**	**Ceased**
						-63	Minimal
						-64	Normal

				$f_{c1} = f_{c2}$	6505	**-74**	**Ceased**
						-75	Minimal
						-76	Normal
				Upper edge	6580	**-71**	**Ceased**
						-72	Minimal
						-73	Normal
7	143	160	6665	Lower Edge	6590	**-62**	**Ceased**
						-63	Minimal
						-64	Normal
				$f_{c1} = f_{c2}$	6665	**-74**	**Ceased**
						-75	Minimal
						-76	Normal
				Upper edge	6740	**-69**	**Ceased**
						-70	Minimal
						-71	Normal
8	207	160	6985	Lower Edge	6910	**-62**	**Ceased**
						-63	Minimal
						-64	Normal
				$f_{c1} = f_{c2}$	6985	**-72**	**Ceased**
						-73	Minimal
						-74	Normal
				Upper edge	7060	**-70**	**Ceased**
						-71	Minimal
						-72	Normal

Note : EUT antenna gain = +5.59dBi considered in the measurement path loss.

Summary table

Bandwidth	UNII Sub-band	Channel	EUT Freq [MHz] f_{c1}	Incumbent Placement/Frequency [MHz] f_{c2}		Incumbent Threshold level of AWGN interference at antenna level (dBm)*see note below	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
20MHz	5	45	6175	$f_{c1} = f_{c2}$	6175	-62	10	100	90	PASS
	6	105	6475	$f_{c1} = f_{c2}$	6475	-62	10	100	90	PASS
	7	149	6695	$f_{c1} = f_{c2}$	6695	-62	10	100	90	PASS
	8	209	6995	$f_{c1} = f_{c2}$	6995	-62	10	100	90	PASS
160MHz	5	15	6025	Lower Edge	5950	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6025	-74	10	100	90	PASS
				Upper edge	6100	-72	10	100	90	PASS
	6-7	111	6505	Lower Edge	6430	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6505	-74	10	100	90	PASS
				Upper edge	6580	-71	10	100	90	PASS
	7	143	6665	Lower Edge	6590	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6665	-74	10	100	90	PASS
				Upper edge	6740	-70	10	100	90	PASS
	8	207	6985	Lower Edge	6910	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6985	-74	10	100	90	PASS
				Upper edge	7060	-70	10	100	90	PASS

Note : EUT antenna gain = +5.59dBi considered in the measurement path loss.

See Section C.1.4 for the screenshot results.

B.2.5 Undesirable emission limits : Conducted

Test limits

FCC part	Limits
15.407 (b) (5)	For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.
15.35 (b)	Unless otherwise specified, on any frequency or frequencies above 1000 MHz, the radiated emission limits are based on the use of measurement instrumentation employing an average detector function. Unless otherwise specified, measurements above 1000 MHz shall be performed using a minimum resolution bandwidth of 1 MHz. When average radiated emission measurements are specified in this part, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. Unless otherwise specified, e.g., see §§ 15.250, 15.252, 15.253(d), 15.255, 15.256, and 15.509 through 15.519, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device, e.g., the total peak power level

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure undesirable emissions on the out of band domain. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared antenna gain.

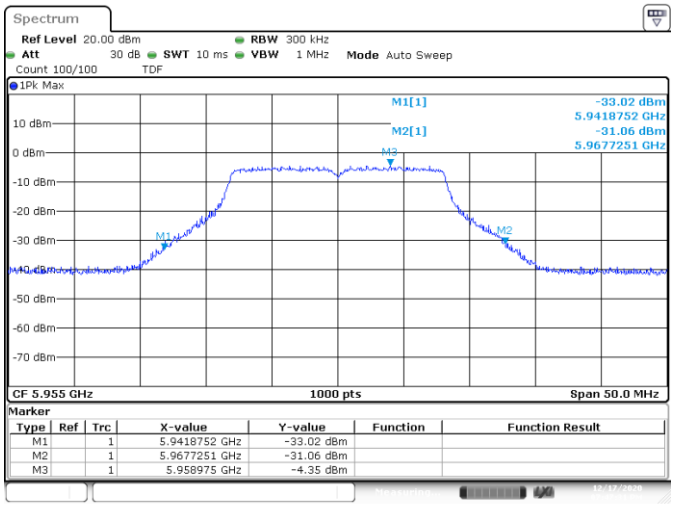
For the lower and upper side of the out of band, the integration method was used as defined in the out of band measurements section II.G.3.d of KDB 789033. Tests were performed using both RMS and peak detectors.

For out of band emission measurements in MIMO mode the emission level of individual output is adjusted by 10 log (N_{ant}) = 3dB for N_{ant} = 2 which is equivalent to compare the individual output emission level to the limit minus 3dB. The same approach is applied for peak and RMS detectors.

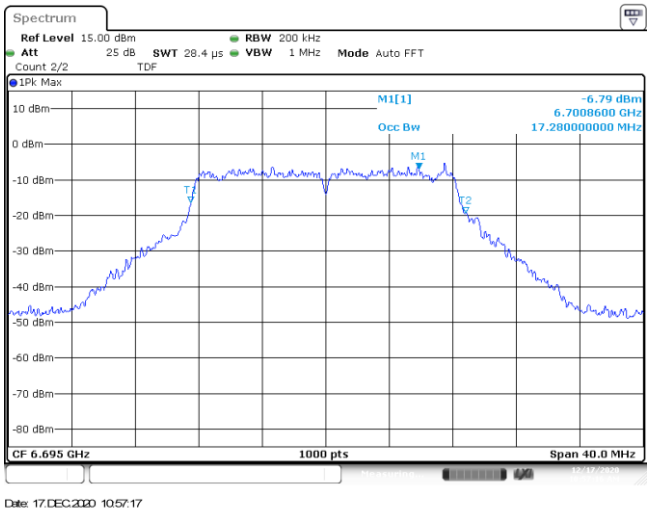
See Section C.1.5 for the screenshot results.

Annex C. System Plots

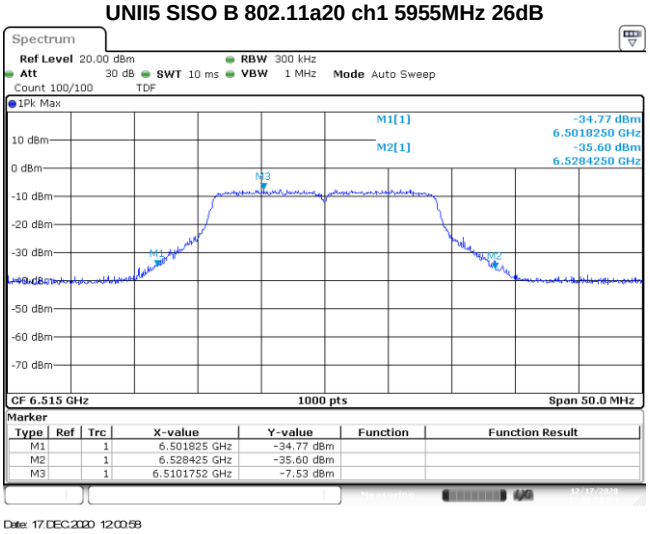
C.1.1 26dB & 99% bandwidth



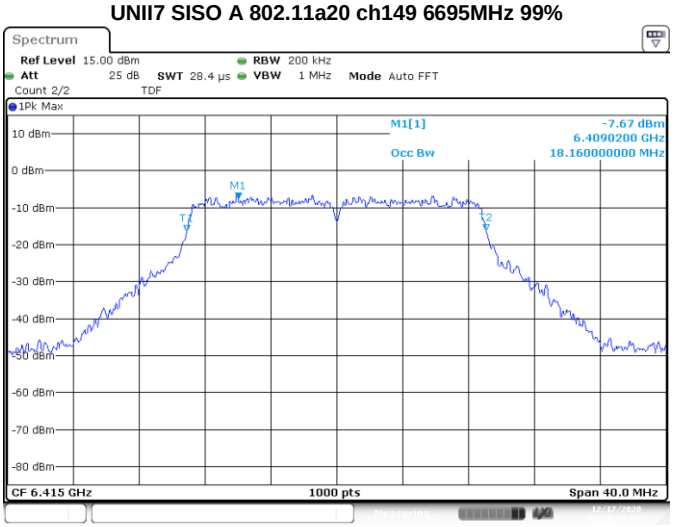
UNII5 SISO B 802.11a20 ch1 5955MHz 26dB



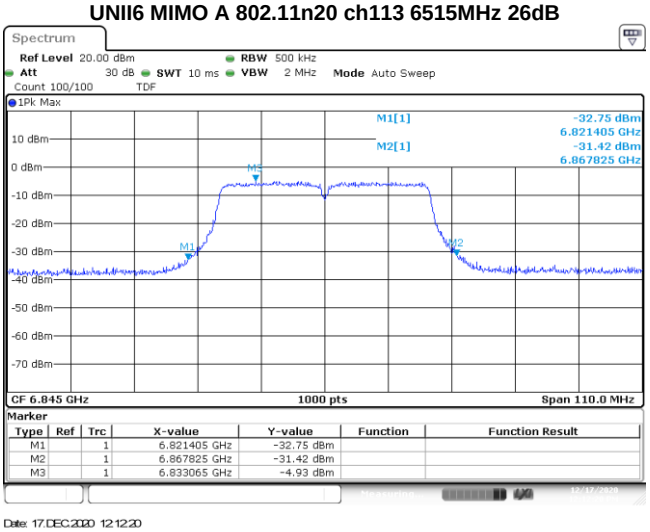
UNII7 SISO A 802.11a20 ch149 6695MHz 99%



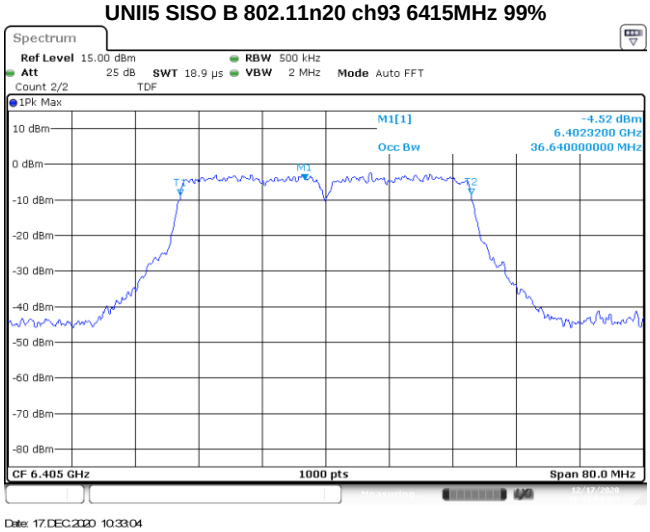
UNII6 MIMO A 802.11n20 ch113 6515MHz 26dB



UNII5 SISO B 802.11n20 ch93 6415MHz 99%



UNII7 MIMO A 802.11n40 ch179 6845MHz 26dB



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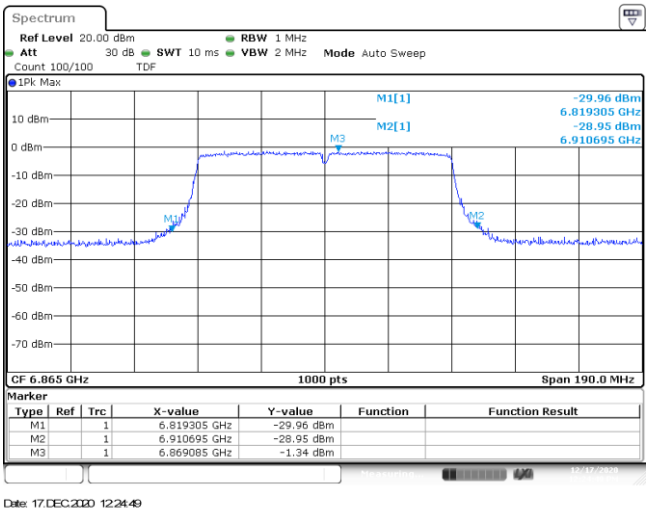

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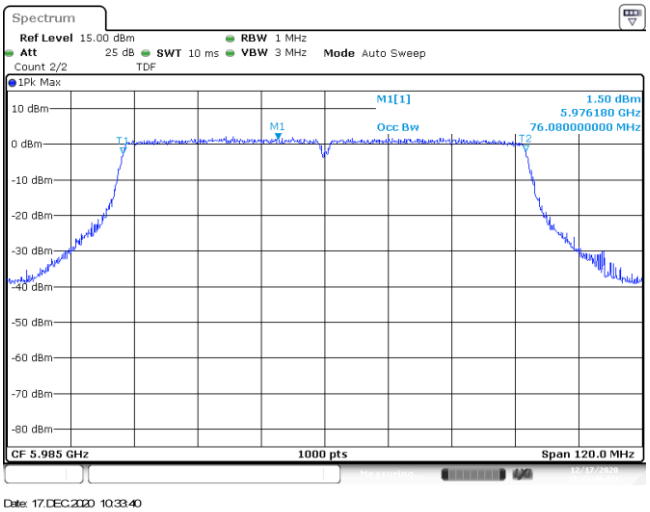
UNII8 MIMO A 802.11ac80 ch183 6885MHz 26dB



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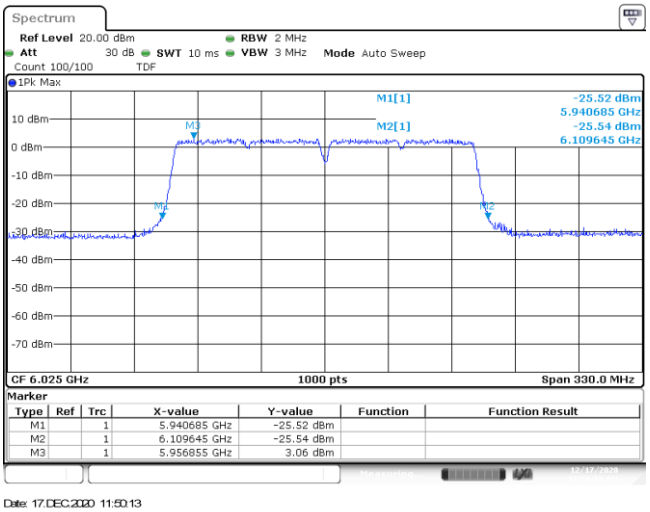
UNII5 SISO A 802.11ac80 ch7 5985MHz 99%



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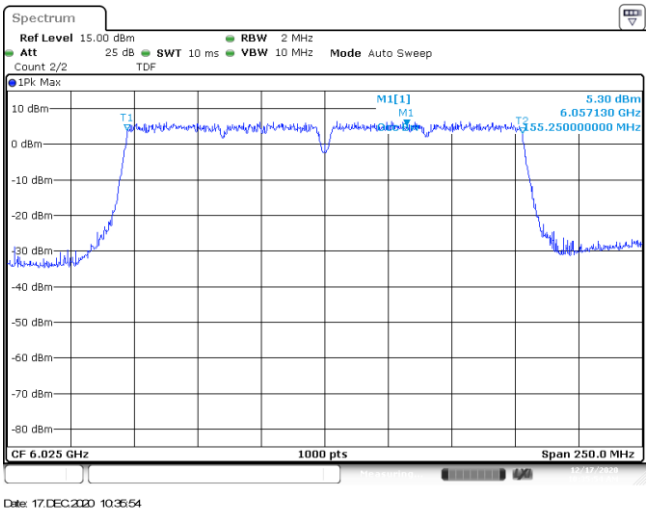
UNII5 MIMO A 802.11ac160 ch15 6025MHz 26dB



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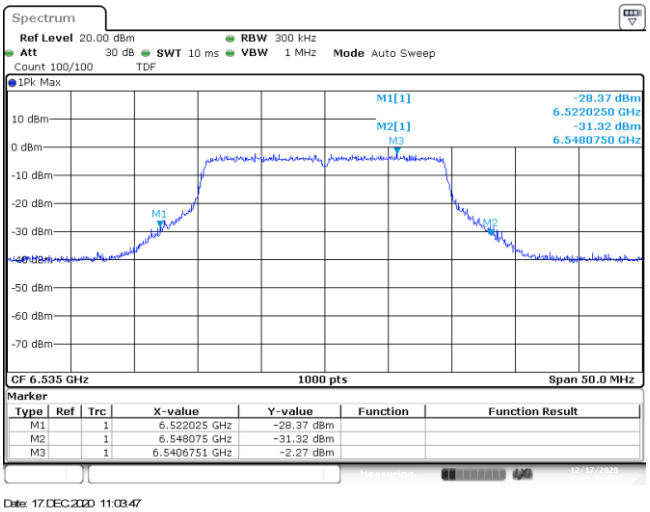
UNII5 SISO A 802.11ac160 ch15 6025MHz 99%



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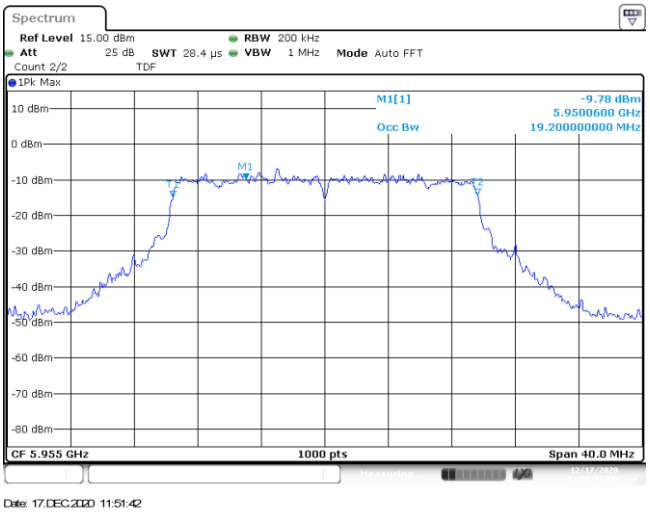
UNII7 SISO A 802.11ax20 ch117 6535MHz 26dB



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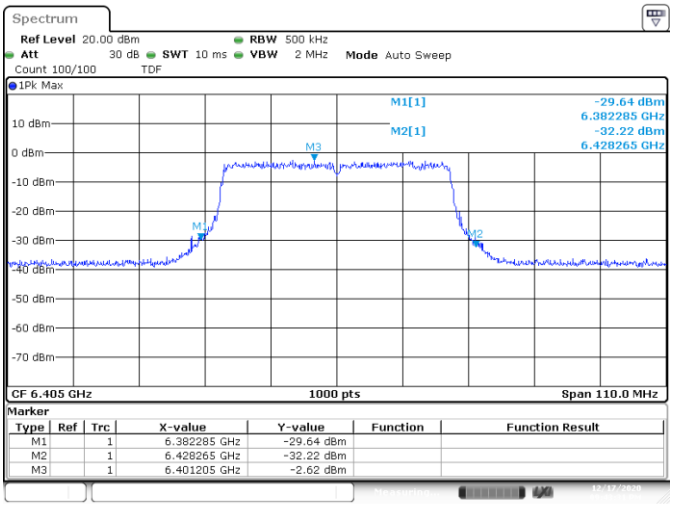

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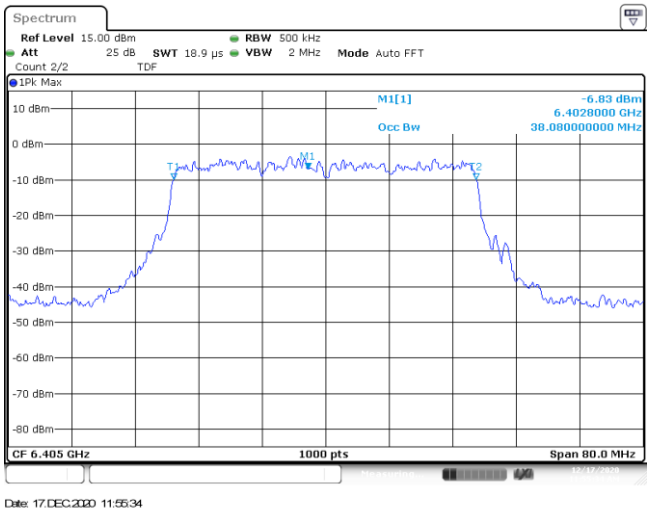
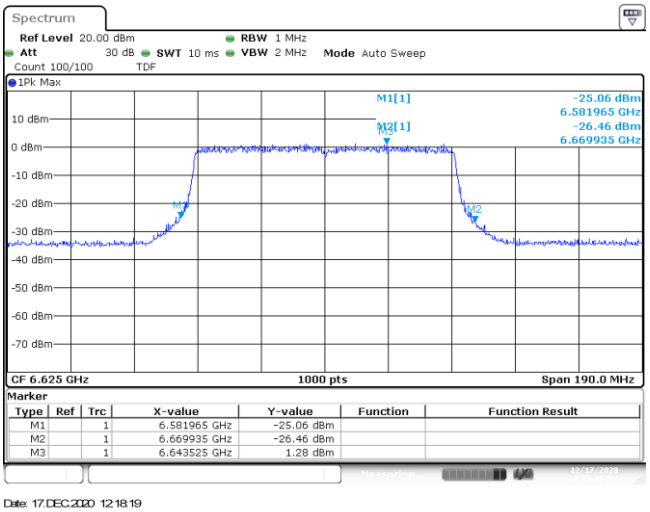


UNII5 MIMO A 802.11ax40 ch91 6405MHz 99%



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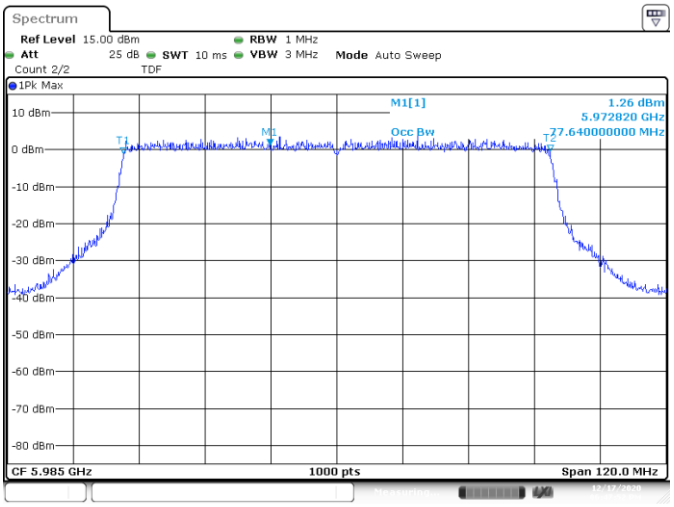
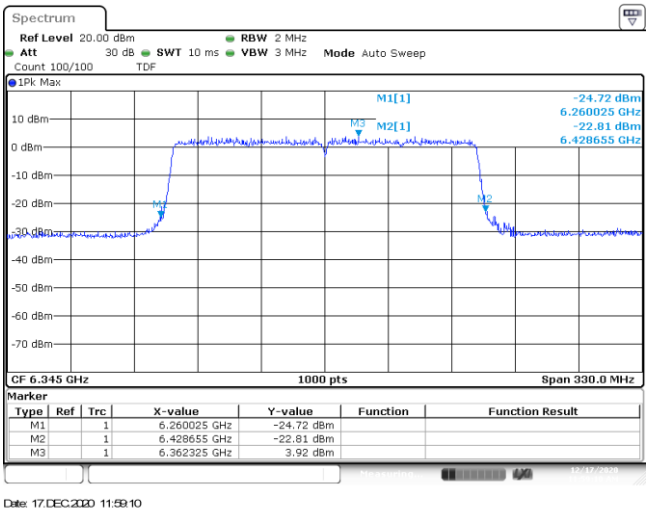
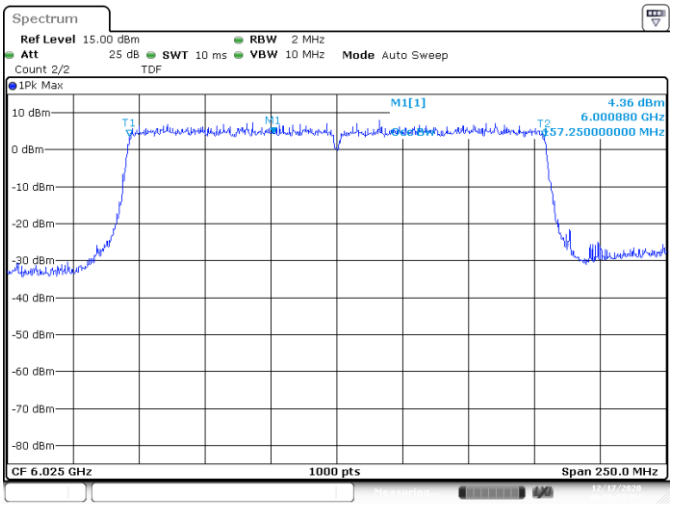


UNII5 SISO B 802.11ax80 ch7 5985MHz 99%



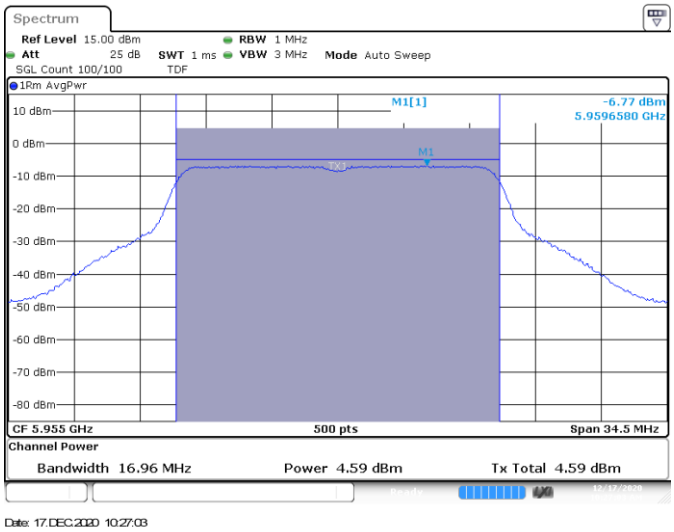
UNII5 MIMO A 802.11ax160 ch79 6345MHz 26dB



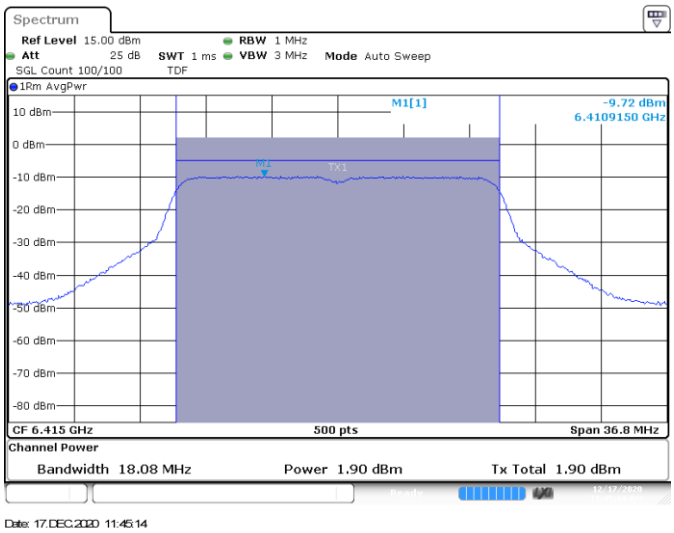
UNII5 SISO B 802.11ax160 ch15 6025MHz 99%

C.1.2 Maximum Output Power & Maximum power spectral Density

UNII5



SISO A-802.11a-20MHz-Ch1-5955MHz-6



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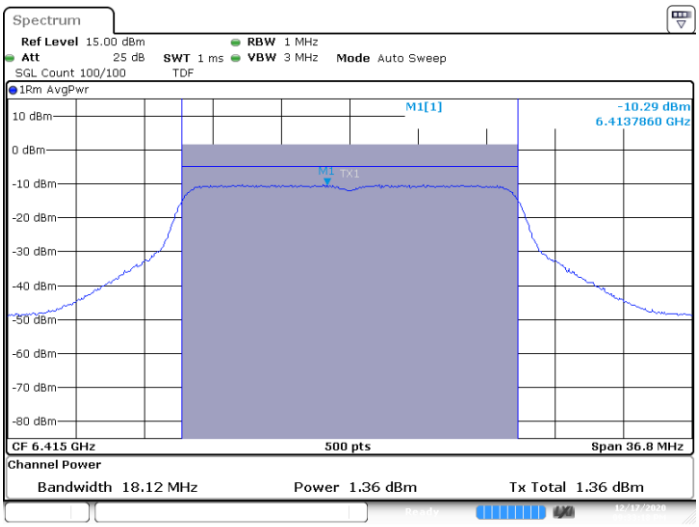
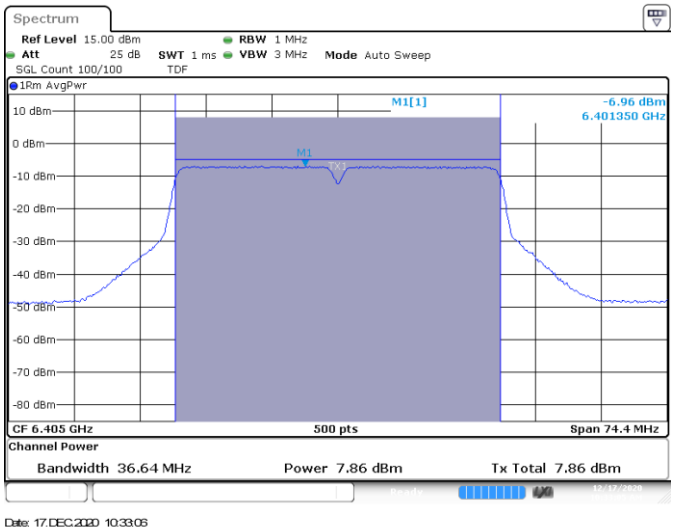


MIMO B-802.11n-20MHz-Ch93-6415MHz-HT8



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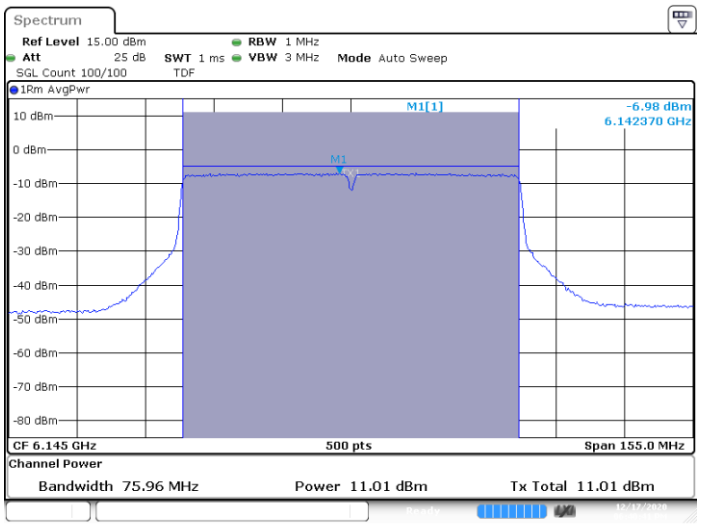

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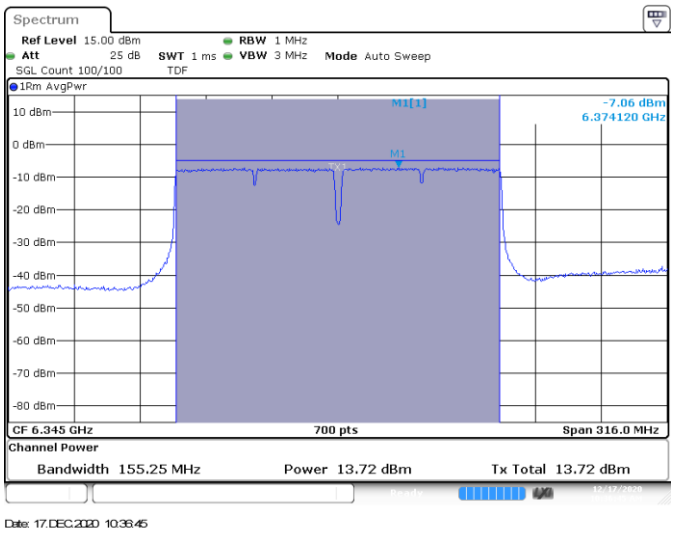

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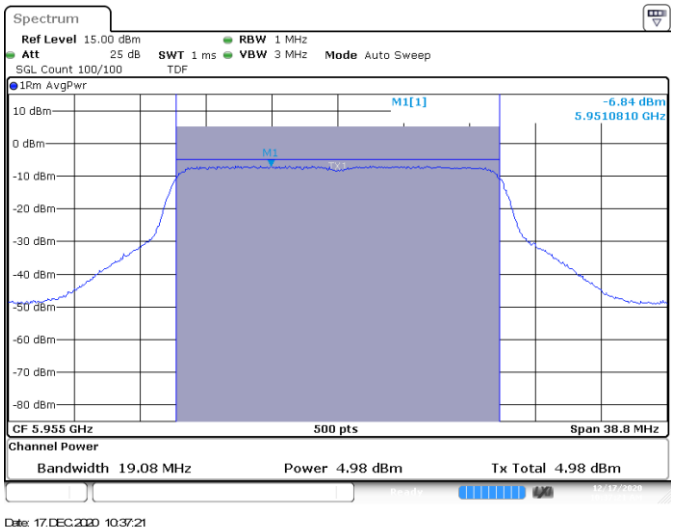

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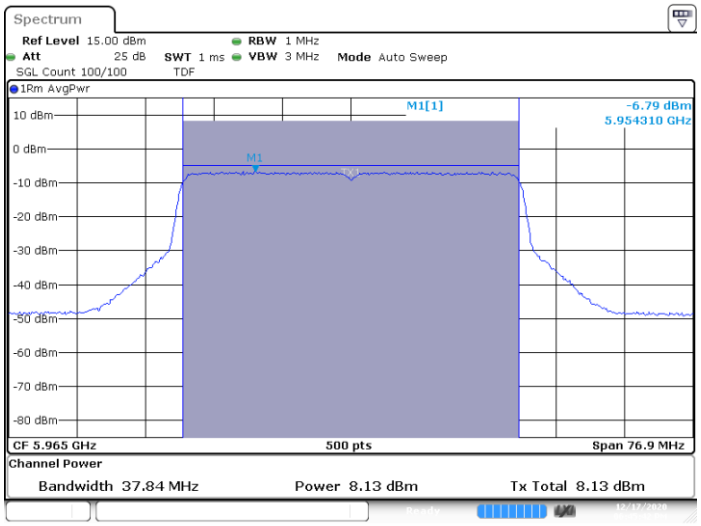

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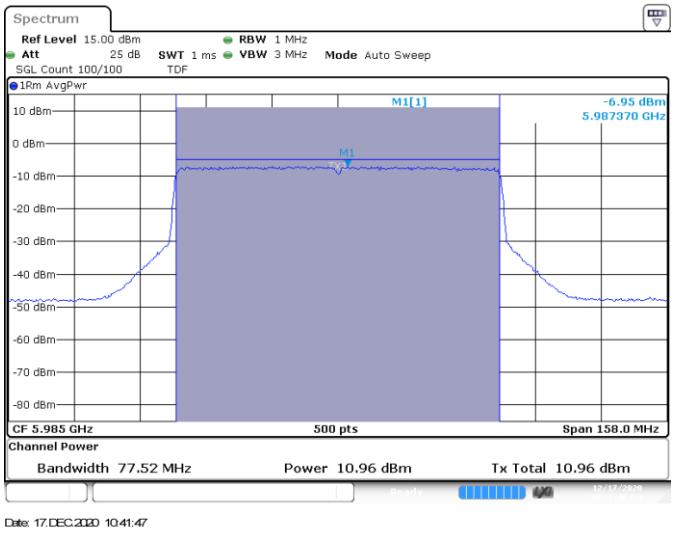

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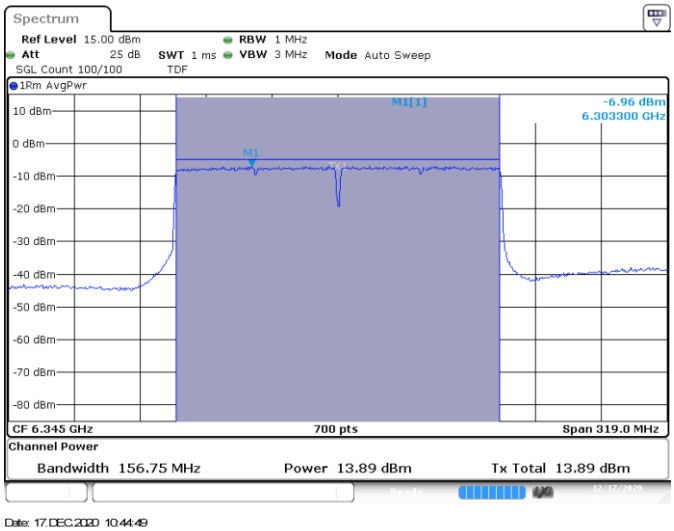
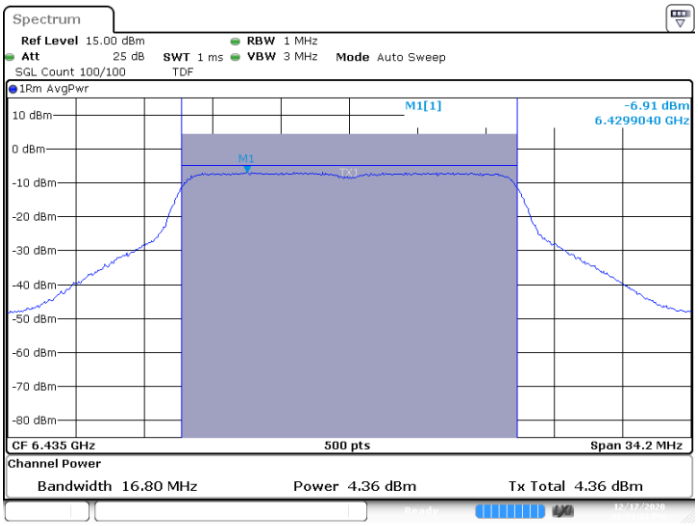


SISO A-802.11ax-160MHz-Ch79-6345MHz-HE0

UNII6



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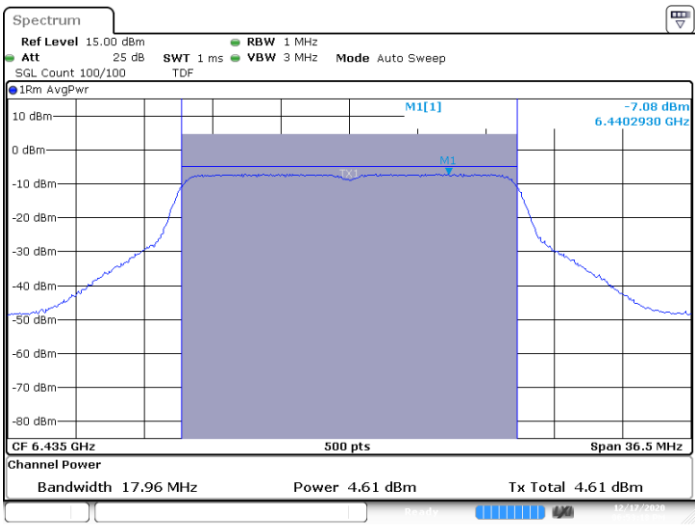
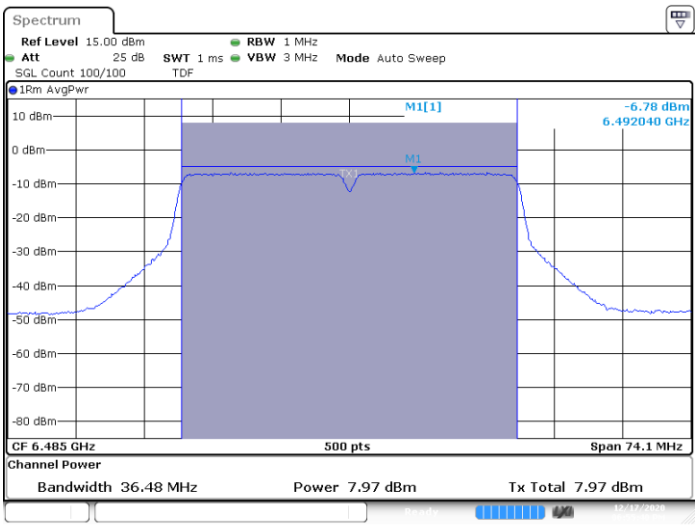


SISO B-802.11n-20MHz-Ch197-6435MHz-HT0



SISO B-802.11n-40MHz-Ch107-6485MHz-HT0