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	**2020-09-23 /2020-10-14**
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.TR39**
Revision Control	**Rev. 01** **This test report revision replaces any previous test report revision** (see section 8)

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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. 2020-10-16 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 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). 6. ANSI C63.10-2013 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

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

Temperature	23.0ºC ± 2.8ºC
Humidity	41.0% ± 16.8%

4. Test samples

Sample	Control #	Description	Model	Serial #	Date of receipt	Note
#1	200611-04.S10	WiFi 6E Module	AX210D2W	WFM:BC17B8770880	2020-09-18	Used for 30MHz-1GHz, 1-9.5GHz Chain A and A+B and 9.5-40GHz Radiated Spurious Emissions tests
	200504-04.S07	Laptop	Latitude 5401	BVHLK13	2020-06-02	
	200504-04.S07	Extender	ADEXELEC	-	2020-06-02	
	180001-01.S17	Socket	Socket WsP/ThP	8882-043	2018-11-22	
	200611-03.S22	Antenna 6-7 GHz	WRF-BR-PIFA-V3.2	-	2020-07-20	
	200611-03.S23	Antenna 6-7 GHz	WRF-BR-PIFA-V3.2	-	2020-07-20	
#2	200611-04.S08	WiFi 6E Module	AX210D2W	WFM:BC17B8770597	2020-09-18	Used for 1-9.5GHz Chain B Radiated Spurious Emissions tests
	200504-04.S07	Laptop	Latitude 5401	BVHLK13	2020-06-02	
	200504-04.S07	Extender	ADEXELEC	-	2020-06-02	
	180001-01.S17	Socket	Socket WsP/ThP	8882-043	2018-11-22	
	200611-03.S22	Antenna 6-7 GHz	WRF-BR-PIFA-V3.2	-	2020-07-20	
	200611-03.S23	Antenna 6-7 GHz	WRF-BR-PIFA-V3.2	-	2020-07-20	

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
Prototype / Production	Production
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 – 5850.0 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
Antenna type	PIFA antenna	PIFA antenna
Part number	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

6. Remarks and comments

1. Test settings used for UNII-5 to UNII-8 are based from the legacy FCC OET KDB 789033 D02 v02r01 and ANSI C63.10-2013
2. Low, middle and high channels were tested over uninterrupted UNII-5 to UNII-8 bands. However additional channels were tested to cover each UNII band within 5.925-7.125 GHz.
3. Radiated spurious emissions were performed using output power rated at +21dBm. See table in section B.1

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 (b) (5) 15.209	Undesirable emissions limits (radiated)	P

8. Document Revision History

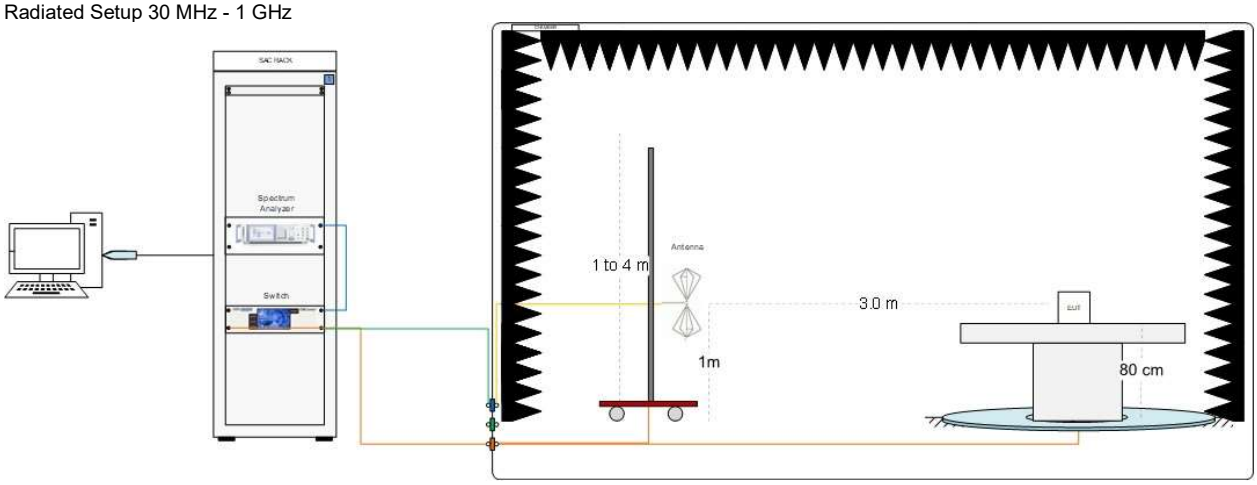
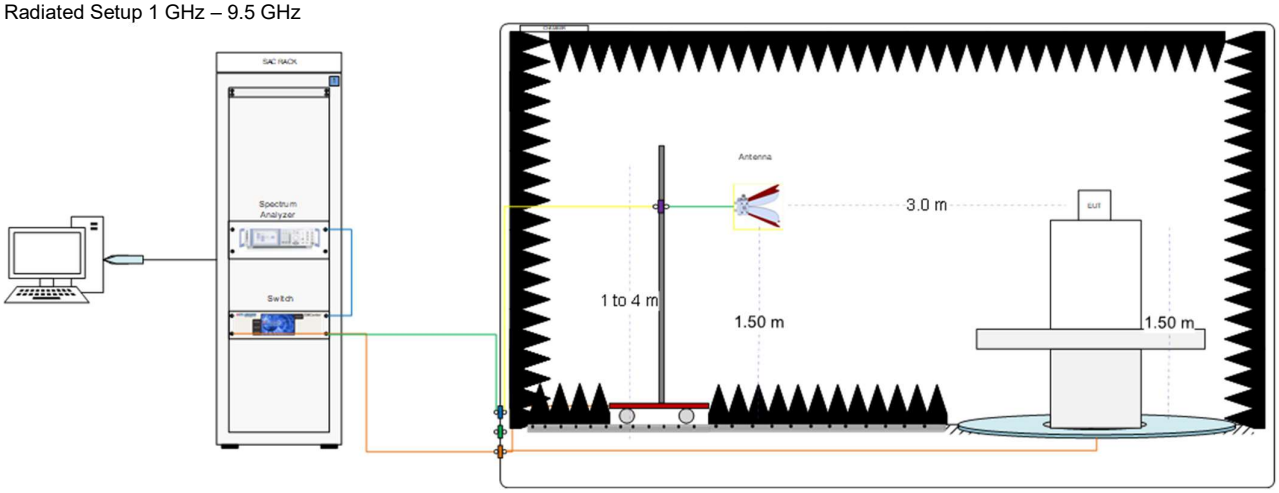
Revision #	Modified by	Revision Details
Rev. 00	N.Bui	First Issue
Rev. 01	K.RIDA	Editorial updates. Update the applicable limits for the test case 802.11ax,HE0,Chain B, CH135.

Annex A. Test & System Description

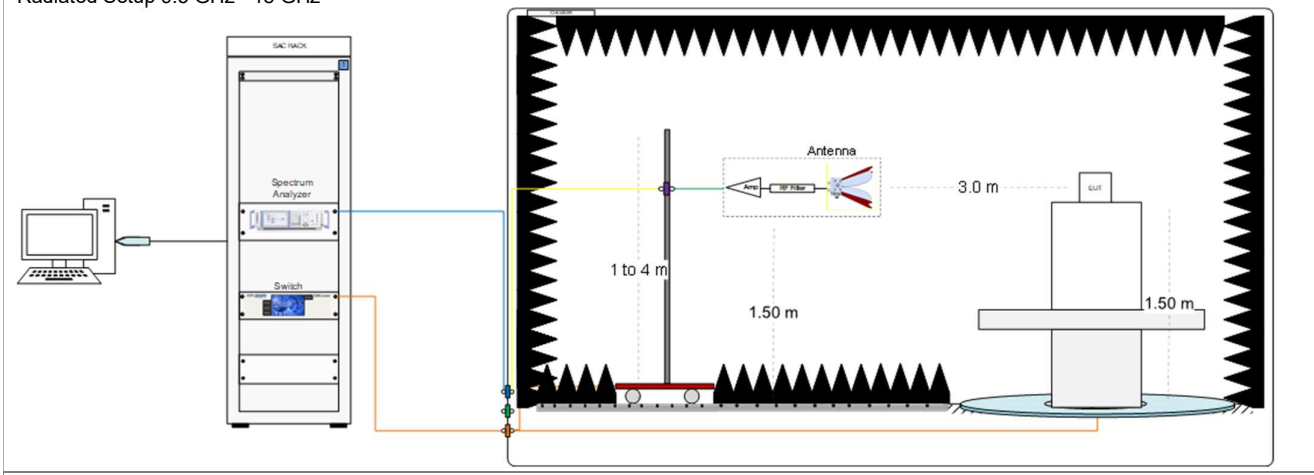
A.1 Measurement System

Measurements were performed using the following setups, made in accordance to the general provisions of ANSI 63.10-2013 Test Procedures.

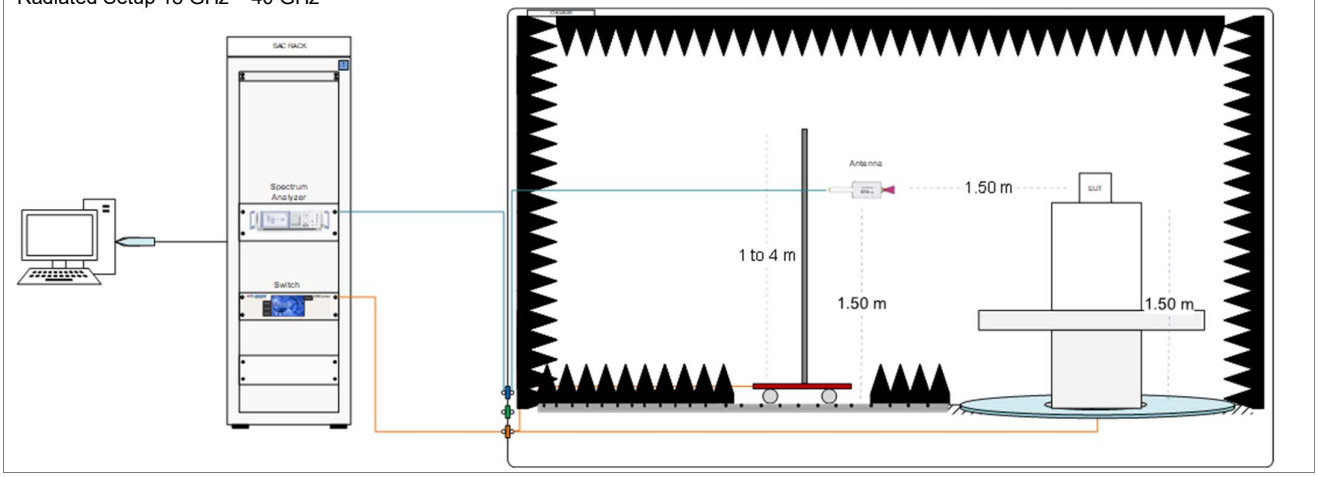
The DUT is installed in a test fixture and this test fixture is connected to a laptop computer and AC/DC power adapter. The laptop computer was used to configure the EUT to continuously transmit at a specified output power using all different modes and modulation schemes, using the Intel proprietary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

Radiated test setup
Radiated Setup 30 MHz - 1 GHz

Radiated Setup 1 GHz – 9.5 GHz


Radiated Setup 9.5 GHz - 18 GHz



Radiated Setup 18 GHz – 40 GHz



Sample Calculation

The spurious received voltage V(dBµV) in the spectrum Analyzer is converted to Electric field strength using the transducer factor F corresponding to the Rx path Loss:

F (dB/m)= Rx Antenna Factor (dB/m) + Cable losses (dB) – Amplifiers Gain (dBi)
E (dBµV/m) = V(dBµV) + F (dB/m)

For field strength measurements made at other than the distance at which the applicable limit is specified, the field strength of the emission at the distance specified by the limit is deduced as follows:

$$E_{SpecLimit} = E_{Meas} + 20*\log(D_{Meas}/D_{SpecLimit})$$

where

$E_{SpecLimit}$ is the field strength of the emission at the distance specified by the limit, in dBµV/m
E_{Meas} is the field strength of the emission at the measurement distance, in dBµV/m
D_{Meas} is the measurement distance, in m
$D_{SpecLimit}$ is the distance specified by the limit, in m

A.2 Test Equipment List

Radiated Setup #1

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
0135	Anechoic Chamber	FACT3	5720	ETS-Lindgren	2020-07-06	2022-01-07
0136	Turn Table	ETS	-	ETS-Lindgren	N/A	N/A
0147	Switch & Positioning systems	EMC Center	00159757	ETS-Lindgren	N/A	N/A
0530	Measurement SW	EMC32, v10.40.10	100623	Rohde & Schwarz	2020-06-24	2021-06-24
1033	Boresight antenna mast	BAM 4.0-P	P/278/2890.01	Maturo	N/A	N/A
0420	Spectrum Analyzer	FSV40	101556	Rohde & Schwarz	2020-05-25	2022-05-25
0993	Biconical antenna 30 MHz – 1 GHz	UBAA9115 + BBVU9135 + DGA9552N	0286 + CH 9044	Schwarzbeck	2019-11-22	2021-11-22
0325	Horn antenna 1 GHz- 18 GHz	3117	00157734	ETS-Lindgren	2019-08-12	2021-08-12
0248	Horn Antenna+ Amplifier + HPF9.5	3117	00167062+00169546	ETS-Lindgren	2020-06-16	2022-06-16
0334	Double-Ridged Waveguide Horn with Pre-Amplifier 18 GHz to 40 GHz	3116C+PA	00169308bis + 00196308	ETS-Lindgren	2019-07-24	2021-07-24
0202	Cable 1m - 30MHz to 18 GHz	UFB311A-0-3360-50U300	MFR 64639223229-001	Micro-coax	2020-08-25	2021-02-25
0206	Cable 1.2m – 18 to 40 GHz	UFA147A-0-0480-200200	MFR 64639223720-003	Micro-coax	2020-08-25	2021-02-25
0263	Cable 1m - 1GHz to 18GHz	UFA147A	-	Utilflex	2020-08-25	2021-02-25
0369	Cable 2m - 26.5GHz to 40GHz	794-9191-2000A	E00327	Atem	2020-08-25	2021-02-25
0371	Cable 1m – 30 MHz - 18GHz	UFB311A-0-0590-50U50U	MFR 64639 223230-001	Micro-coax	2020-08-25	2021-02-25
0758	Cable 7.5m - 30MHz to 18GHz	0501051057000GX	18.23.181	Radiall	2020-08-25	2021-02-25
0809	Cable 7m - 18GHz to 40GHz	R286304009	-	Radiall	2020-08-25	2021-02-25
0859	Cable 2.5m - 30MHz to 18GHz	0500990992500KE	19.23.395	Radiall	2020-08-25	2021-02-25
0797	Temp & Humidity Logger	RA12E-TH1-RAS	RA12-D0EB1A	Avtech	2019-07-04	2021-07-04

N/A: Not Applicable

Radiated Setup #2

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
0337	Anechoic chamber	RFD-FA-100	5996	ETS Lindgren	2020-07-06	2022-07-06
0238	Switch & Positioner	EMCenter	00151232	ETS Lindgren	N/A	N/A
0382	Antenna Tower	2171B-3.0M	00150123	ETS Lindgren	N/A	N/A
0383	Turntable	-	-	ETS Lindgren	N/A	N/A
0329	Measurement SW,	EMC32 v10.50.10	100401	Rohde & Schwarz	N/A	N/A
0133	Spectrum Analyzer	FSV40	101358	Rohde & Schwarz	2020-02-25	2022-02-25
0138	Double Ridge Horn (1-18GHz)	3117	00152266	ETS Lindgren	2020-03-08	2022-03-08
0248	Horn Antenna 3117 + Amplifier + HPF9.5	3117	00167062+00169546	ETS-Lindgren	2020-04-01	2022-04-01
0334	Double Horn Ridged antenna	3116C-PA	00169308bis + 00196308	ETS-Lindgren	2019-07-24	2021-07-24
0871	RF Cable 1-18GHz, 1.5 m	0501050991200GX	19.21.710	Radiall	2020-08-20	2021-02-20
0860	RF Cable 1-18GHz, 1.2 m	2301761761200PJ	12.22.1104	Radiall	2020-08-20	2021-02-20
0275	RF Cable 1-18GHz - 6.5m	140-8500-11-51	001	Spectrum	2020-08-20	2021-02-20
0684	RF Cable 1GHz-18GHz 1.5m	-	-	Spirent	2020-08-20	2021-02-20
0679	RF Cable 18-40 GHz 6m	R286304009	1747364	Radiall	2020-08-20	2021-02-20
0028	RF Cable 1.2m 40MHz-40GHz	794-9191-1200A	DA585	Atem	2020-08-20	2021-02-20
0725	RF Cable 1-9.5GHz 1.2m	0500990991200KE	-	Radiall	2020-08-20	2021-02-20
0796	Temp & Humidity Logger	RA12E-TH1-RAS	RA12-D4F316	Avtech	2019-07-05	2021-07-05

Shared Radiated Equipment

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
0616	Power Sensor	NRP-Z81	104385	Rohde & Schwarz	2020-04-08	2022-04-08
0617	Power Sensor	NRP-Z81	104386	Rohde & Schwarz	2020-04-08	2022-04-08
0618	Power Sensor	NRP-Z81	104382	Rohde & Schwarz	2020-04-08	2022-04-08

A.3 Measurement Uncertainty Evaluation

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

Measurement type	Uncertainty	Unit
Radiated tests <1GHz	±3.24	dB
Radiated tests 1GHz – 40 GHz	±4.34	dB

Annex B. Test Results UNII-5 to UNII-8

The herein test results were performed by:

Test case measurement	Test Engineer
Radiated spurious emissions	A. Lounes, N. Bui

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 conducted RF output power at each chain was adjusted according to the values from the following table using the Intel DRTU tool and measuring the power by using a power meter.
Measured values for adjustment were within +/- 0.25 dB from the values described below.

UNII-5 to UNII-8					Used conducted Power (dBm)		
Mode	BW (MHz)	Data Rate	CH #	Freq. (MHz)	SISO Chain A	SISO Chain B	MIMO at both ports A and B
802.11a	20	6Mbps	1	5955	21	21	24
			105	6475	21	21	24
			117	6535	21	21	24
			229	7095	21	21	24
802.11n20	20	HT0	1	5955	21	21	24
			105	6475	21	21	24
			117	6535	21	21	24
			229	7095	21	21	24
802.11ax20	20	HE0	1	5955	21	21	24
			105	6475	21	21	24
			117	6535	21	21	24
			229	7095	21	21	24
802.11ax40	40	HE0	3	5965	21	21	24
			99	6445	21	21	24
			115	6525	21	21	24
			227	7085	21	21	24
802.11n40	40	HT0	3	5965	21	21	24
			99	6445	21	21	24
			115	6525	21	21	24
			227	7085	21	21	24
802.11ax80	80	HE0	7	5985	21	21	24
			103	6465	18	18	21
			135	6625	21	21	24
			215	7025	21	21	24
802.11ac80	80	VHT0	7	5985	21	21	24
			103	6465	21	21	24
			135	6625	21	21	24
			215	7025	21	21	24
802.11ax160	160	HE0	15	6015	21	21	24
			111	6175	18	18	21
			143	6335	18	18	21
			207	6985	21	21	24
802.11ac160	160	VHT0	15	6015	21	21	24
			111	6175	21	21	24
			143	6335	21	21	24
			207	6985	21	21	24

* Note: HT8 for MIMO modes only

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	Mode	Bandwidth (MHz)	Worst Case Data Rate
SISO	802.11a	20	6Mbps
	802.11n	20/40	HT0
	802.11ac	80/160	VHT0
	802.11ax	20/40/80/160	HE0
MIMO	802.11n	20/40	HT8
	802.11ac	80/160	VHT8
	802.11ax	20/40/80/160	HE0

B.2 Radiated spurious emission

Standard references

<table>
<tr><th>FCC part</th><th>Limits</th></tr>
<tr><td>15.407 (b) (5)</td><td>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.</td></tr>
<tr><td>15.209</td><td>Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a):
<table>
<tr><th>Freq Range (MHz)</th><th>Field Strength (µV/m)</th><th>Field Strength (dBµV/m)</th><th>Meas. Distance (m)</th></tr>
<tr><td>30-88</td><td>100</td><td>40</td><td>3</td></tr>
<tr><td>88-216</td><td>150</td><td>43.5</td><td>3</td></tr>
<tr><td>216-960</td><td>200</td><td>46</td><td>3</td></tr>
<tr><td>Above 960</td><td>500</td><td>54</td><td>3</td></tr>
</table>
The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function, corresponding to 20 dB above the indicated values in the table.</td></tr>
</table>

Test procedure

The radiated setups shown in section *Test & System Description* were used to measure the radiated spurious emissions.

Depending of the frequency range and bands being tested, different antennas and filters were used.

- For frequencies less than or equal to 1000 MHz, measurements were made with the CISPR quasi-peak detector with a resolution bandwidth of 120kHz and a video bandwith 3 times of the resolution bandwidth
- Measurements above 1000 MHz were performed using average and peak detectors with a minimum resolution bandwidth of 1 MHz and a video bandwith 3 times of the resolution bandwidth

The final measurement is performed by varying the antenna height from 1 m to 4 m, the EUT rotating in azimuth over 360º for both vertical and horizontal polarizations.

The radiated spurious emission was measured on the worst case EUT configuration selected from the chapter B.1 and using the low, middle and high channels over uninterrupted UNII-5 to UNII-8 bands. Additional channels were tested to cover each UNII bands within 5.925-7.125 GHz.

Test Results

30 MHz – 1 GHz, Radiated spurious emissions

Radiated Spurious – All modes

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	---
37.8	29.7	40.0	10.3	V
47.8	42.5	68.2	25.7	V
849.6	53.5	68.2	14.7	H

Note 1: The detected spurious signals do not depend on either the operating channel or the modulation mode.

1 GHz – 40 GHz, 802.11a, 6Mbps, Chain A

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3129.0	58.7	---	68.2	9.5	V
11909.8	---	41.5	54.0	12.5	H
11914.0	50.8	---	74.0	23.2	H
23820.1	---	41.3	54.0	12.7	H
23820.1	48.3	---	74.0	25.7	V

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3095.0	59.0	---	68.2	9.2	V
12947.1	49.4	---	68.2	18.8	H
25900.3	50.2	---	68.2	18.0	H

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3206.5	59.1	---	68.2	**9.1**	V
13070.0	54.8	---	68.2	13.4	V
26140.2	48.9	---	68.2	19.3	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5676.2	53.2	---	68.2	15.0	H
14190.9	49.7	---	68.2	18.5	V
28376.5	48.5	---	68.2	19.7	H

1 GHz – 40 GHz, 802.11a, 6Mbps, Chain B

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5258.8	54.7	---	68.2	13.5	H
11909.0	---	39.3	54.0	14.7	V
11911.9	49.6	---	74.0	24.4	V
23819.7	48.4	---	74.0	25.6	H
23820.1	---	41.6	54.0	12.4	H

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5179.9	53.0	---	68.2	15.2	H
16428.9	51.6	---	68.2	16.6	H
25899.8	49.5	---	68.2	18.8	H

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3388.0	58.9	---	68.2	9.3	V
13066.1	52.4	---	68.2	15.8	V
26139.7	49.5	---	68.2	18.7	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5676.2	53.5	---	68.2	14.8	H
14188.8	52.1	---	68.2	16.1	V
28383.7	48.2	---	68.2	20.0	H

1 GHz – 40 GHz, 802.11n20, HT0, Chain A

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3102.0	59.2	---	68.2	9.0	H
11912.6	---	41.6	54.0	12.4	H
11914.7	50.0	---	74.0	24.1	H
23820.1	---	41.3	54.0	12.7	H
23820.1	48.0	---	74.0	26.0	V

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5181.6	51.9	---	68.2	16.3	H
17792.8	---	39.9	54.0	14.1	H
17818.7	51.5	---	74.0	22.4	H
19423.8	---	35.4	54.0	18.6	H
19423.8	46.2	---	74.0	27.8	H
25900.8	49.9	---	68.2	18.3	H

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3155.0	59.0	---	68.2	9.2	V
13069.6	53.1	---	68.2	16.2	V
26140.2	48.7	---	68.2	19.5	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5678.4	52.9	---	68.2	15.3	V
14188.1	49.6	---	68.2	18.6	V
22586.7	47.0	---	74.0	27.0	H
22587.6	---	37.3	54.0	16.7	V
28372.2	49.3	---	68.2	18.9	H

1 GHz – 40 GHz, 802.11n20, HT0, Chain B

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3390.0	57.3	---	68.2	10.9	H
11909.8	---	39.8	54.0	14.2	H
11913.3	49.3	---	74.0	24.7	H
23820.1	---	42.1	54.0	12.0	H
23820.1	48.0	---	74.0	26.0	H

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5179.9	52.5	---	68.2	15.7	H
5208.2	54.4	---	68.2	13.8	H
17796.0	---	39.8	54.0	14.2	V
17796.7	51.5	---	74.0	22.5	H
25900.3	49.2	---	68.2	19.0	H

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3374.5	58.3	---	68.2	9.9	V
13072.1	53.4	---	68.2	14.8	V
26140.6	49.2	---	68.2	19.0	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5674.0	53.2	---	68.2	15.0	H
14190.2	50.4	---	68.2	17.9	H
27258.9	50.0	---	68.2	18.2	H

1 GHz – 40 GHz, 802.11n20, HT8, Chain A+B

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3101.5	58.7	---	68.2	9.5	H
11909.8	52.8	---	74.0	21.2	H
11910.1	---	43.0	54.0	11.0	H
23820.1	---	40.7	54.0	13.3	H
23820.1	47.5	---	74.0	26.5	H

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3282.5	59.2	---	68.2	**9.0**	V
12947.8	53.2	---	68.2	15.0	V
19411.5	---	36.0	54.0	18.0	H
19417.1	46.0	---	74.0	27.9	H
25909.2	49.6	---	68.2	18.6	H

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5231.3	52.6	---	68.2	15.6	V
13068.6	56.2	---	68.2	12.0	V
19605.6	46.6	---	74.0	27.4	V
19607.9	---	37.0	54.0	17.0	V
26140.2	49.0	---	68.2	19.2	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5674.0	53.2	---	68.2	15.0	H
14190.2	50.4	---	68.2	17.9	H
27258.9	50.0	---	68.2	18.2	H
5674.0	53.2	---	68.2	15.0	H
14190.2	50.4	---	68.2	17.9	H

1 GHz – 40 GHz, 802.11ax20, HE0, Chain A

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5646.1	53.7	---	68.2	14.5	H
5706.2	53.8	---	68.2	14.4	H
11893.1	---	48.8	54.0	5.2	H
11893.8	53.9	---	74.0	20.1	H
17839.6	---	45.8	54.0	8.2	H
17841.3	52.2	---	74.0	21.8	H
23820.1	47.9	---	74.0	26.1	H
23820.1	---	41.7	54.0	12.3	H

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3092.0	58.9	---	68.2	9.3	H
12932.2	51.6	---	68.2	16.6	V
19399.2	---	40.9	54.0	13.1	V
19400.1	49.5	---	74.0	24.5	H
25900.3	50.1	---	68.2	18.1	H

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3096.5	58.6	---	68.2	9.6	V
13053.4	57.2	---	68.2	11.0	V
19579.1	---	41.7	54.0	12.3	H
19581.0	50.0	---	74.0	24.0	H
26106.6	50.0	---	68.2	18.2	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5676.2	53.1	---	68.2	15.1	H
7326.7	---	44.9	54.0	7.4	H
7327.1	55.6	---	74.0	18.4	H
14173.6	54.9	---	68.2	13.3	H
21259.3	---	37.0	54.0	17.0	H
21260.7	47.3	---	74.0	26.7	H
28344.7	53.6	---	68.2	14.6	V

30 MHz – 40 GHz, 802.11ax20, HE0, Chain B

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5646.1	55.4	---	68.2	12.8	H
5706.7	54.9	---	68.2	13.3	H
11893.1	52.8	---	74.0	21.2	H
11893.1	---	48.0	54.0	6.0	H
17839.6	---	45.8	54.0	8.2	V
17840.3	52.5	---	74.0	21.5	V
23820.1	---	41.5	54.0	12.5	H
23820.1	48.2	---	74.0	25.8	V

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5213.9	55.1	---	68.2	13.1	V
12934.4	53.9	---	68.2	14.3	V
19397.8	46.5	---	74.0	27.6	H
19398.7	---	38.1	54.0	15.9	H
25900.3	49.6	---	68.2	18.6	H

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5183.8	53.4	---	68.2	14.8	V
5228.3	53.2	---	68.2	15.0	H
13053.4	55.4	---	68.2	12.8	H
19578.2	46.2	---	74.0	27.8	H
19579.1	---	35.9	54.0	18.1	V
26140.2	49.6	---	68.2	18.6	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5676.2	54.2	---	68.2	14.0	H
7326.7	---	44.5	54.0	8.8	H
7328.4	55.8	---	74.0	18.2	V
7386.8	---	43.8	54.0	8.9	V
7395.9	56.5	---	74.0	17.5	H
14173.6	59.3	---	68.2	8.9	V
21258.3	47.6	---	74.0	26.4	V
21259.8	---	38.1	54.0	15.9	V
28391.0	48.2	---	68.2	20.0	H

1 GHz – 40 GHz, 802.11ax20, HE0, Chain A+B

Radiated Spurious – CH1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5350.7	55.4	---	74.0	18.6	H
5350.7	---	45.7	54.0	8.3	H
5647.0	56.4	---	68.2	11.8	H
5706.7	54.9	---	68.2	13.3	H
11893.5	---	48.5	54.0	5.5	H
11893.5	56.5	---	74.0	17.5	H
17839.2	---	50.0	54.0	**4.0**	H
17839.6	53.6	---	74.0	20.4	H
23819.7	48.4	---	74.0	25.6	H
23820.1	---	41.0	54.0	13.0	H

Radiated Spurious – CH105

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5172.1	53.7	---	68.2	14.5	H
12933.3	59.6	---	68.2	8.6	V
19399.2	49.0	---	74.0	25.0	H
19399.7	---	40.2	54.0	13.8	H
25910.2	49.9	---	68.2	18.3	V

Radiated Spurious – CH117

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3179.0	59.1	---	68.2	9.1	H
13053.0	61.0	---	68.2	7.2	V
19577.7	48.5	---	74.0	25.5	H
19578.2	---	39.3	54.0	14.7	H
26140.2	49.9	---	68.2	18.3	H

Radiated Spurious – CH229

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5676.2	55.2	---	68.2	13.0	H
7325.8	57.2	---	74.0	16.8	V
7326.2	---	46.0	54.0	7.5	V
14172.5	57.0	---	68.2	11.2	V
21258.3	48.0	---	74.0	26.0	V
21258.8	---	37.4	54.0	16.6	H
28346.1	54.5	---	68.2	13.7	H

1 GHz – 40 GHz, 802.11n40, HT0, Chain A

Radiated Spurious – CH3

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3185.0	59.4	---	68.2	8.8	H
11929.6	---	39.9	54.0	14.1	V
11930.3	48.4	---	74.0	25.6	H
23859.8	48.1	---	74.0	25.9	H
23860.3	---	41.3	54.0	12.7	H

Radiated Spurious – CH99

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5155.9	52.9	---	68.2	15.3	H
16468.9	51.5	---	68.2	16.7	V
21175.7	47.5	---	74.0	26.4	V
21195.5	---	36.8	54.0	17.2	V
25779.9	49.6	---	68.2	18.6	H

Radiated Spurious – CH115

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3130.5	58.5	---	68.2	9.8	V
13033.2	50.1	---	68.2	18.1	H
26100.5	48.6	---	68.2	19.6	H

Radiated Spurious – CH227

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5668.3	53.5	---	68.2	14.7	H
17792.1	---	39.7	54.0	14.3	H
17793.2	51.7	---	74.0	22.3	V
28338.9	48.1	---	68.2	20.1	H

1 GHz – 40 GHz, 802.11n40, HT0, Chain B

Radiated Spurious – CH3

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3379.0	58.5	---	68.2	9.7	V
11925.7	---	38.0	54.0	15.2	H
11927.1	49.6	---	74.0	24.4	H
23859.8	48.2	---	74.0	25.8	H
23860.3	---	42.0	54.0	12.0	V

Radiated Spurious – CH99

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5155.5	53.1	---	68.2	15.1	H
16403.1	51.0	---	68.2	17.2	H
25779.9	49.1	---	68.2	19.1	V

Radiated Spurious – CH115

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3386.0	59.1	---	68.2	9.1	V
13047.7	50.3	---	68.2	17.9	V
26100.0	48.9	---	68.2	19.3	H

Radiated Spurious – CH227

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5667.5	53.6	---	68.2	14.6	H
14150.2	51.0	---	68.2	17.2	V
28339.9	49.1	---	68.2	19.1	H

1 GHz – 40 GHz, 802.11n40, HT8, Chain A+B

Radiated Spurious – CH3

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3480.6	51.5	---	68.2	16.7	H
11925.7	50.6	---	74.0	23.4	H
11930.3	---	41.4	54.0	12.6	H
23860.3	---	40.7	54.0	13.3	H
23860.3	48.8	---	74.0	25.2	H

Radiated Spurious – CH99

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3380.5	58.8	---	68.2	9.4	H
17783.3	51.8	---	74.0	22.2	V
17787.9	---	39.7	54.0	14.3	H
25780.3	48.9	---	68.2	19.3	V

Radiated Spurious – CH115

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3391.0	59.1	---	68.2	9.1	H
13050.2	50.2	---	68.2	18.0	V
26100.0	49.1	---	68.2	19.1	H

Radiated Spurious – CH227

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5667.9	54.0	---	68.2	14.2	H
14175.4	49.4	---	68.2	18.8	V
28262.2	49.6	---	68.2	18.6	V

1 GHz – 40 GHz, 802.11ax40, HE0, Chain A

Radiated Spurious – CH3

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5640.9	54.4	---	68.2	13.8	V
5706.2	54.0	---	68.2	14.2	H
11893.8	---	48.8	54.0	5.2	H
11894.2	53.7	---	74.0	20.3	H
17840.6	---	44.0	54.0	10.0	H
17843.5	52.1	---	74.0	21.9	H
23859.8	49.2	---	74.0	24.8	H
23860.3	---	41.9	54.0	12.1	H

Radiated Spurious – CH99

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5790.3	54.3	---	68.2	13.9	H
12855.0	51.2	---	68.2	17.0	H
19279.7	52.1	---	74.0	21.9	H
19280.2	---	46.5	54.0	7.5	H
25780.3	48.1	---	68.2	20.1	H

Radiated Spurious – CH115

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3103.5	57.9	---	68.2	10.3	H
13015.1	57.4	---	68.2	10.8	V
19519.1	50.7	---	74.0	23.3	H
19521.0	---	42.2	54.0	11.8	H
26026.4	50.4	---	68.2	17.9	H
26100.5	50.6	---	68.2	17.6	H

Radiated Spurious – CH227

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5667.9	54.6	---	68.2	13.7	H
7307.1	---	46.2	54.0	7.8	V
7307.1	56.9	---	74.0	17.1	V
7366.7	---	46.4	54.0	7.6	H
7366.7	55.9	---	74.0	18.2	V
14133.6	54.2	---	68.2	14.0	H
21191.8	47.4	---	74.0	26.6	H
21200.7	---	38.3	54.0	15.7	H
28268.5	52.2	---	68.2	16.0	H

1 GHz – 40 GHz, 802.11ax40, HE0, Chain B

Radiated Spurious – CH3

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5647.0	56.3	---	68.2	11.9	H
5706.7	54.7	---	68.2	13.5	H
11893.1	53.0	---	74.0	21.1	V
11894.2	---	45.7	54.0	8.0	H
17839.2	52.2	---	74.0	21.8	V
17841.3	---	45.2	54.0	8.8	V
23859.8	48.3	---	74.0	25.7	H
23860.3	---	41.9	54.0	12.1	H

Radiated Spurious – CH99

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5138.5	52.7	---	74.0	21.3	H
5138.5	---	43.8	54.0	10.1	H
5155.9	53.2	---	68.2	15.0	H
5782.5	55.7	---	68.2	12.5	H
12855.0	52.0	---	68.2	16.1	H
19279.7	50.0	---	74.0	24.0	H
19280.7	---	40.7	54.0	13.3	H
25779.9	48.5	---	68.2	19.7	V

Radiated Spurious – CH115

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3375.0	59.2	---	68.2	9.0	H
13014.8	57.7	---	68.2	10.5	V
19519.6	---	36.4	54.0	17.6	H
19519.6	45.9	---	74.0	28.1	H
26100.0	49.6	---	68.2	18.6	V

Radiated Spurious – CH227

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5667.9	54.3	---	68.2	13.9	H
7306.2	55.7	---	74.0	18.3	V
7306.6	---	45.4	54.0	8.6	V
7365.9	57.3	---	74.0	16.7	V
7366.7	---	44.2	54.0	9.8	V
14133.6	55.6	---	68.2	12.6	V
21051.0	48.1	---	74.0	25.9	H
21200.7	---	38.8	54.0	15.2	V
28373.6	48.5	---	68.2	19.7	H

1 GHz – 40 GHz, 802.11ax40, HE0, Chain A+B

Radiated Spurious – CH3

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5350.3	---	44.8	54.0	8.9	H
5350.7	54.0	---	74.0	19.9	H
5707.5	56.1	---	68.2	12.1	H
11893.5	58.3	---	74.0	15.7	V
11894.2	---	48.8	54.0	5.2	V
17840.3	53.5	---	74.0	20.5	H
17840.3	---	49.9	54.0	**4.1**	H
23787.1	---	38.2	54.0	15.8	H
23787.6	48.6	---	74.0	25.4	H
23859.8	48.3	---	74.0	25.7	V
23860.3	---	41.3	54.0	12.7	H

Radiated Spurious – CH99

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5137.6	52.8	---	74.0	21.2	H
5137.6	---	43.8	54.0	10.2	H
5155.9	52.8	---	68.2	15.4	H
5782.1	55.8	---	68.2	12.4	H
12854.7	56.8	---	68.2	11.4	V
19280.7	---	48.2	54.0	5.8	H
19281.6	53.1	---	74.0	20.9	H
25798.8	49.8	---	68.2	18.4	H

Radiated Spurious – CH115

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3177.0	59.1	---	68.2	9.1	V
13014.0	63.3	---	68.2	4.9	V
19520.6	---	39.0	54.0	15.0	H
19522.4	48.0	---	74.0	26.0	V
26028.7	49.9	---	68.2	18.3	H
26102.9	48.3	---	68.2	19.9	H

Radiated Spurious – CH227

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5667.5	54.4	---	68.2	13.8	V
7306.6	56.3	---	74.0	17.7	V
7307.1	---	47.1	54.0	6.9	V
14133.9	59.8	---	68.2	8.4	V
21200.3	---	38.2	54.0	15.8	V
21200.7	48.0	---	74.0	26.0	V
28267.1	53.6	---	68.2	14.6	H

1 GHz – 40 GHz, 802.11ac80, VHT0, Chain A

Radiated Spurious – CH7

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3111.5	58.6	---	68.2	**9.6**	V
17783.2	51.2	---	74.0	22.8	V
17804.5	---	40.4	54.0	13.6	H
23940.1	---	41.9	54.0	12.1	H
23940.1	48.6	---	74.0	25.4	H

Radiated Spurious – CH103

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5173.8	52.3	---	68.2	15.9	V
17803.1	51.4	---	74.0	22.6	H
17819.4	---	40.1	54.0	13.8	H
25860.1	48.7	---	68.2	19.5	H

Radiated Spurious – CH135

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5299.3	52.5	---	68.2	15.7	H
17799.5	52.1	---	74.0	21.9	H
17803.1	---	40.0	54.0	14.0	H
26500.0	49.5	---	68.2	18.7	H

Radiated Spurious – CH215

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5616.9	52.3	---	68.2	15.9	V
17813.0	---	40.5	54.0	13.5	H
17832.8	51.3	---	74.0	22.7	H
28100.2	49.2	---	68.2	19.0	H

1 GHz – 40 GHz, 802.11ac80, VHT0, Chain B

Radiated Spurious – CH7

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4165.1	---	39.1	54.0	13.0	V
4169.0	53.2	---	74.0	20.8	H
17155.0	51.1	---	68.2	17.1	V
23939.6	48.0	---	74.0	26.0	H
23940.1	---	41.3	54.0	12.7	H

Radiated Spurious – CH103

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5172.1	53.7	---	68.2	14.5	H
5601.2	55.7	---	68.2	12.5	V
17809.5	52.0	---	74.0	22.0	V
17813.4	---	40.2	54.0	13.8	V
25860.1	48.7	---	68.2	19.5	H

Radiated Spurious – CH135

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5300.6	53.9	---	68.2	14.3	V
13252.4	49.2	---	74.0	24.8	V
13252.8	---	39.0	54.0	15.0	V
26500.0	49.5	---	68.2	18.7	H

Radiated Spurious – CH215

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5611.7	54.4	---	68.2	13.8	V
17799.5	52.0	---	74.0	22.0	H
17803.1	---	40.4	54.0	13.6	V
28097.8	47.2	---	68.2	21.0	H

1 GHz – 40 GHz, 802.11ac80, VHT0, Chain A+B

Radiated Spurious – CH7

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3378.5	57.9	---	68.2	10.3	V
11973.1	---	38.4	54.0	15.6	H
11978.5	51.2	---	74.0	22.8	H
23940.1	---	41.6	54.0	12.4	H
23940.6	48.1	---	74.0	25.9	H

Radiated Spurious – CH103

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3371.0	58.5	---	68.2	9.7	H
13640.6	49.2	---	68.2	19.0	V
25860.6	48.6	---	68.2	19.6	H

Radiated Spurious – CH135

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5300.2	53.2	---	68.2	14.9	H
13219.5	51.1	---	68.2	17.1	V
26500.0	49.1	---	68.2	19.1	H

Radiated Spurious – CH215

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5620.4	53.2	---	68.2	15.0	H
17804.5	---	40.2	54.0	13.8	V
17812.6	52.7	---	74.0	21.3	V
28099.8	47.9	---	68.2	20.3	H

1 GHz – 40 GHz, 802.11ax80, HE0, Chain A

Radiated Spurious – CH7

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
1738.5	53.9	---	68.2	14.3	H
1747.5	53.4	---	68.2	14.8	H
4749.4	53.0	---	74.0	21.0	H
4749.8	---	43.9	54.0	10.1	H
5647.0	54.7	---	68.2	13.5	V
5707.5	54.7	---	68.2	13.5	H
5796.4	57.1	---	68.2	11.1	H
7144.1	56.4	---	68.2	11.8	V
11893.5	---	48.1	54.0	5.9	H
11894.2	54.7	---	74.0	19.3	H
17841.7	---	43.7	54.0	10.3	H
17842.0	52.6	---	74.0	21.4	H
23939.6	48.8	---	74.0	25.2	H
23940.1	---	42.1	54.0	11.9	H

Radiated Spurious – CH103

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5133.3	56.5	---	74.0	17.5	H
5133.3	---	46.6	54.0	5.8	H
5171.6	53.1	---	68.2	15.1	H
5780.7	53.9	---	68.2	14.3	H
7720.1	---	47.5	54.0	6.5	H
7721.0	55.7	---	74.0	18.3	H
12853.6	52.8	---	68.2	15.4	V
19280.7	---	42.6	54.0	11.4	H
19280.7	51.0	---	74.0	23.0	H
25859.7	49.3	---	68.2	18.9	H

Radiated Spurious – CH135

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5258.8	54.6	---	68.2	13.6	V
13173.1	58.6	---	68.2	9.6	V
19760.4	48.9	---	74.0	25.1	H
19760.9	---	39.9	54.0	14.1	H
26349.8	52.0	---	68.2	16.2	H
26500.0	48.7	---	68.2	19.5	V

Radiated Spurious – CH215

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5630.4	54.5	---	68.2	13.8	V
7287.0	---	44.9	54.0	8.4	H
7287.4	56.2	---	74.0	17.8	H
13974.9	51.3	---	68.2	16.9	H
20960.4	---	39.6	54.0	14.4	H
20960.4	48.7	---	74.0	25.3	H
27948.8	52.3	---	68.2	15.9	H

1 GHz – 40 GHz, 802.11ax80, HE0, Chain B

Radiated Spurious – CH7

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4749.8	---	44.3	54.0	9.7	V
4750.3	53.3	---	74.0	20.7	H
5348.5	52.8	---	68.2	15.4	H
5647.0	54.5	---	68.2	13.7	H
5706.2	54.5	---	68.2	13.7	H
5796.9	59.3	---	68.2	8.9	H
7144.1	57.5	---	68.2	10.7	V
11893.8	53.6	---	74.0	20.4	H
11893.8	---	45.4	54.0	8.6	H
17839.9	55.9	---	74.0	18.1	V
17840.6	---	45.2	54.0	8.8	V
23940.1	---	41.9	54.0	12.1	H
23940.6	47.8	---	74.0	26.2	H

Radiated Spurious – CH103

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5133.7	56.5	---	74.0	17.5	H
5134.1	---	48.4	54.0	5.6	H
5171.6	53.8	---	68.2	14.4	H
5781.6	56.2	---	68.2	12.0	H
7720.5	57.1	---	74.0	16.9	V
7720.5	---	48.9	54.0	5.1	H
12854.3	51.7	---	68.2	16.5	H
19280.7	---	41.9	54.0	12.1	H
19282.1	49.8	---	74.0	24.2	H
25860.6	49.8	---	68.2	18.4	H

Radiated Spurious – CH135

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5254.8	54.6	---	68.2	13.6	H
7250.0	54.9	---	74.0	19.1	H
7250.0	---	46.2	54.0	7.8	V
13173.1	60.4	---	68.2	7.8	V
13189.0	49.5	---	68.2	18.7	V
19760.4	46.8	---	74.0	27.2	H
19760.4	---	36.5	54.0	17.5	H
26500.0	50.0	---	68.2	18.2	H

Radiated Spurious – CH215

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5581.6	53.6	---	68.2	14.6	H
5619.5	54.8	---	68.2	13.4	H
7395.9	56.2	---	74.0	17.8	H
7401.2	---	43.0	54.0	8.8	V
7689.6	---	44.6	54.0	8.8	V
7694.0	55.8	---	74.0	18.2	V
13973.1	52.8	---	68.2	15.7	V
13973.1	52.5	---	68.2	15.7	V
20960.4	---	39.0	54.0	15.0	V
20962.2	48.7	---	74.0	25.3	V
27949.8	49.1	---	68.2	19.1	H
28099.8	47.7	---	68.2	20.5	H

1 GHz – 40 GHz, 802.11ax80, HE0, Chain A+B

Radiated Spurious – CH7

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4749.8	54.1	---	74.0	19.9	H
4749.8	---	44.4	54.0	9.7	V
5646.1	55.5	---	68.2	12.7	H
7145.4	56.9	---	68.2	11.3	V
11893.8	55.8	---	74.0	18.2	H
11893.8	---	47.9	54.0	6.1	H
17840.6	52.1	---	74.0	21.9	H
17841.3	---	49.6	54.0	**4.3**	H
23940.1	---	40.6	54.0	13.3	H
23940.6	47.9	---	74.0	26.1	V

Radiated Spurious – CH103

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
1327.5	53.7	---	74.0	20.3	H
1328.0	---	42.3	54.0	11.7	H
5133.7	56.9	---	74.0	17.1	H
5133.7	---	49.3	54.0	4.7	H
5171.6	53.9	---	68.2	14.3	H
5781.2	56.0	---	68.2	12.2	H
7719.7	56.1	---	74.0	17.9	V
7720.1	---	46.8	54.0	7.2	V
12854.7	52.3	---	68.2	15.9	H
19280.2	---	47.1	54.0	6.9	H
19281.6	53.1	---	74.0	20.9	H
19307.6	46.6	---	74.0	27.4	H
19307.6	---	37.8	54.0	16.3	H
25709.0	48.2	---	68.2	20.0	V
25860.6	50.2	---	68.2	18.0	H

Radiated Spurious – CH135

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5261.8	55.7	---	68.2	12.5	H
7249.5	55.8	---	68.2	12.4	V
13172.7	57.9	---	68.2	10.3	V
19760.9	---	37.8	54.0	16.2	H
19760.9	47.2	---	74.0	26.8	H
26347.5	51.6	---	68.2	16.6	V
26500.0	49.6	---	68.2	18.6	H

Radiated Spurious – CH215

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5581.6	54.1	---	68.2	14.1	H
7226.4	55.7	---	68.2	12.5	V
7686.6	55.0	---	74.0	19.0	V
7689.2	---	44.9	54.0	8.7	V
13973.8	54.2	---	68.2	14.0	V
20959.4	48.4	---	74.0	25.6	V
20961.3	---	39.7	54.0	14.3	V
27946.4	52.2	---	68.2	16.0	H

1 GHz – 40 GHz, 802.11ac160, VHT0, Chain A

Radiated Spurious – CH15

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3146.0	59.6	---	68.2	8.6	H
17811.9	51.2	---	74.0	22.8	V
17823.6	---	40.0	54.0	14.0	H
24099.7	48.0	---	68.2	20.2	H

Radiated Spurious – CH111

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5203.9	53.2	---	68.2	15.0	H
17796.0	---	40.6	54.0	13.4	V
17809.8	51.4	---	74.0	22.6	V
26019.8	49.6	---	68.2	18.6	V

Radiated Spurious – CH143

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5337.2	52.9	---	68.2	15.3	H
17795.6	---	40.2	54.0	13.8	V
17814.4	51.6	---	74.0	22.4	V
26659.6	49.1	---	68.2	19.1	H

Radiated Spurious – CH207

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5580.3	52.7	---	68.2	15.5	H
17796.7	---	40.0	54.0	14.1	H
17797.8	51.7	---	74.0	22.3	H
27939.7	47.9	---	68.2	20.3	H

1 GHz – 40 GHz, 802.11ac160, VHT0, Chain B

Radiated Spurious – CH15

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3375.5	59.3	---	68.2	8.9	V
17784.7	51.6	---	74.0	22.4	V
17803.1	---	40.5	54.0	13.5	H
24099.7	48.4	---	68.2	19.8	H

Radiated Spurious – CH111

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5208.7	54.3	---	68.2	13.9	V
17795.6	---	40.7	54.0	13.3	H
17804.5	52.2	---	74.0	21.8	V
26019.8	50.5	---	68.2	17.7	H

Radiated Spurious – CH143

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3372.0	59.9	---	68.2	**8.3**	V
17800.2	51.6	---	74.0	22.4	H
17803.4	---	40.4	54.0	13.6	H
26659.6	48.9	---	68.2	19.3	H

Radiated Spurious – CH207

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5589.0	54.2	---	68.2	13.9	H
17791.4	51.4	---	74.0	22.6	V
17796.0	---	40.4	54.0	13.6	H
27937.8	48.1	---	68.2	20.1	V

1 GHz – 40 GHz, 802.11ac160, VHT0, Chain A+B

Radiated Spurious – CH15

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4820.0	---	43.4	54.0	10.6	H
4820.0	53.0	---	74.0	21.0	H
5272.3	56.3	---	68.2	11.9	H
12001.1	49.7	---	74.0	24.3	V
12034.1	---	38.4	54.0	15.6	V
24095.4	47.3	---	68.2	20.9	V

Radiated Spurious – CH111

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3372.0	58.6	---	68.2	9.6	H
13031.4	51.6	---	68.2	16.6	H
26020.2	48.5	---	68.2	19.7	H

Radiated Spurious – CH143

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3363.0	58.7	---	68.2	9.5	H
13320.4	50.3	---	74.0	23.7	V
13326.8	---	38.3	54.0	15.7	V
26672.6	48.9	---	68.2	19.3	V

Radiated Spurious – CH207

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5588.6	55.0	---	68.2	13.2	H
16501.9	50.9	---	68.2	17.3	V
27352.9	48.8	---	68.2	19.4	H
27945.5	47.5	---	68.2	20.6	H

1 GHz – 40 GHz, 802.11ax160, HE0, Chain A

Radiated Spurious – CH15

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4741.6	---	45.7	54.0	8.3	H
4742.0	55.2	---	74.0	18.8	H
7152.4	59.1	---	68.2	9.1	V
11893.8	54.8	---	74.0	19.2	H
11894.2	---	47.8	54.0	6.2	H
23787.6	47.9	---	74.0	26.1	H
23788.0	---	38.3	54.0	15.7	H
24099.7	48.9	---	68.2	19.3	H

Radiated Spurious – CH111

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5125.9	58.5	---	74.0	15.5	H
5125.9	---	50.3	54.0	**3.7**	H
5211.7	53.0	---	68.2	15.2	V
5776.0	54.2	---	68.2	14.0	V
7727.9	57.5	---	74.0	16.5	H
7728.4	---	49.2	54.0	4.8	H
12855.0	50.3	---	68.2	17.9	H
19280.7	---	46.6	54.0	7.4	H
19282.1	53.7	47.0	74.0	20.3	H
26020.2	49.5	---	68.2	18.7	H

Radiated Spurious – CH143

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5253.1	54.8	---	68.2	13.4	H
13175.2	60.3	---	68.2	7.9	V
19759.5	47.8	---	74.0	26.2	H
19761.4	---	38.4	54.0	15.6	H
26348.9	51.2	---	68.2	17.0	V
26659.6	48.7	---	68.2	19.5	H

Radiated Spurious – CH207

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5510.6	54.8	---	68.2	13.4	H
5588.2	53.0	---	68.2	15.2	H
7217.3	56.4	---	68.2	11.8	V
13814.1	52.5	---	68.2	15.7	H
20720.9	---	41.4	54.0	12.6	H
20721.4	49.5	---	74.0	24.5	H
27629.2	54.3	---	68.2	13.9	H
27940.2	49.3	---	68.2	18.9	V

1 GHz – 40 GHz, 802.11ax160, HE0, Chain B

Radiated Spurious – CH15

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4741.6	55.8	---	74.0	18.2	H
4742.0	---	46.8	54.0	7.6	V
4742.0	---	46.4	54.0	7.6	V
7151.5	58.6	---	68.2	9.6	V
11893.8	---	47.6	54.0	6.4	V
11895.2	52.5	---	74.0	21.5	H
17841.3	---	45.6	54.0	8.4	V
17841.7	51.6	---	74.0	22.4	V
24100.2	48.6	---	68.2	19.6	V

Radiated Spurious – CH111

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5202.5	53.3	---	68.2	14.9	V
7727.9	---	50.1	54.0	3.9	V
7727.9	59.6	---	74.0	14.4	V
12851.5	49.8	---	68.2	18.4	V
19280.7	---	41.9	54.0	12.1	H
19280.7	50.4	---	74.0	23.6	H
26019.8	49.7	---	68.2	18.5	H

Radiated Spurious – CH143

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5253.5	56.4	---	68.2	11.8	H
7920.5	57.7	---	68.2	10.5	H
13174.8	60.0	---	68.2	8.2	V
19760.4	---	36.1	54.0	17.9	H
19761.4	46.4	---	74.0	27.6	H
26659.1	48.8	---	68.2	19.4	H

Radiated Spurious – CH207

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5510.2	57.0	---	68.2	11.2	H
13814.1	56.2	---	68.2	12.0	V
20719.5	49.5	---	74.0	24.5	H
20720.9	---	40.0	54.0	13.9	H
27625.8	48.7	---	68.2	19.5	H
27934.4	48.5	---	68.2	19.7	H

1 GHz – 40 GHz, 802.11ax160, HE0, Chain A+B

Radiated Spurious – CH15

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4741.6	55.8	---	74.0	18.2	H
4741.6	---	46.0	54.0	7.8	H
4819.6	52.3	---	74.0	21.7	V
4820.0	---	43.2	54.0	10.8	H
5345.0	54.4	---	68.2	13.8	H
7152.4	60.8	---	68.2	7.4	V
11894.2	---	49.0	54.0	5.0	V
11894.5	56.8	---	74.0	17.2	V
17840.3	52.5	---	74.0	21.5	H
17840.3	---	47.8	54.0	6.2	H
23787.1	48.7	---	74.0	25.3	H
23789.0	---	37.9	54.0	16.1	H
24099.7	47.6	---	68.2	20.6	H

Radiated Spurious – CH111

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5125.9	---	43.6	54.0	10.5	V
5126.3	52.9	---	74.0	21.1	H
5203.9	53.0	---	68.2	15.2	H
7728.8	54.5	---	74.0	19.5	V
7728.8	---	44.4	54.0	9.6	H
12855.0	52.8	---	68.2	15.4	V
19279.2	53.7	---	74.0	20.3	H
19280.7	---	45.3	54.0	8.7	H
26020.2	49.2	---	68.2	19.0	H

Radiated Spurious – CH143

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
5182.1	53.6	---	68.2	14.6	H
5253.5	59.4	---	68.2	9.6	H
5332.0	53.6	---	68.2	14.6	H
5920.6	55.2	---	68.2	13.0	V
7253.9	56.8	---	74.0	17.2	V
7253.9	---	47.2	54.0	6.5	V
7919.2	56.6	---	68.2	11.6	H
13174.8	59.4	---	68.2	8.9	V
19760.0	46.9	---	74.0	27.1	V
19760.9	---	37.7	54.0	16.3	H
26347.9	52.2	---	68.2	16.0	V
26649.9	49.1	---	68.2	19.1	H

Radiated Spurious – CH207

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3901.5	52.5	---	74.0	21.5	V
3901.5	---	41.4	54.0	12.6	V
5182.5	54.9	---	68.2	13.3	H
5509.7	59.8	---	68.2	8.4	H
5588.2	54.0	---	68.2	14.2	H
13813.8	61.9	---	68.2	6.3	V
20719.1	49.6	---	74.0	24.4	H
20721.4	---	41.2	54.0	12.8	H
27628.7	53.3	---	68.2	14.9	H
27934.4	47.9	---	68.2	20.3	H