



# TEST REPORT

EUT Description	WLAN and BT, 2x2 PCIe M.2 1625 SD adapter card
Brand Name	Intel® Wi-Fi 6E AX411
Model Name	AX411E2W
FCC/IC ID	FCC ID: PD9AX411E2/ IC 1000M-AX411E2
Date of Test Start/End	2021-12-24 / 2022-01-25
Features	802.11ax, Tri Band, 2x2 Wi-Fi 6E + Bluetooth® 5.2 + CDB (Concurrent Dual Band simultaneous Wi-Fi connection) (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 C FCC CFR Title 47 Part 15 E RSS-247 issue 2, RSS-Gen issue 5 A1 (see section 1)
---------------------	--

Test Report identification	211130-05.TR01
Revision Control	Rev. 01 This test report revision replaces any previous test report revision (see section 8)

The test results relate only to the samples tested.  
Reference to accreditation shall be used only by full reproduction of test report

Issued by

Reviewed by

Khodor RIDA  
(Test Engineer Lead)

Ines KHARRAT  
(Technical Manager)

Intel Corporation SAS – WRF Lab  
425 rue de Goa – Le Cargo B6 - 06600 Antibes, France  
Tel. +33493001400 / Fax +33493001401

# Table of Contents

---

<b>1. Standards, reference documents and applicable test methods</b>	<b>3</b>
<b>2. General conditions, competences and guarantees</b>	<b>3</b>
<b>3. Environmental Conditions</b>	<b>3</b>
<b>4. Test samples</b>	<b>4</b>
<b>5. EUT Features</b>	<b>6</b>
<b>6. Remarks and comments</b>	<b>7</b>
<b>7. Test Verdicts summary</b>	<b>7</b>
<b>8. Document Revision History</b>	<b>7</b>
A.1 MEASUREMENT SYSTEM	8
A.2 TEST EQUIPMENT LIST	10
A.3 MEASUREMENT UNCERTAINTY EVALUATION	12
B.1 TEST CONDITIONS	13
B.2 RADIATED SPURIOUS EMISSION	14
B.2.1 802.11 B/G/N/AX 2.4GHZ	14
B.2.2 BLE	16
B.2.3 BT	18
B.2.4 802.11 A/G/N/AX U-NII-1	20
B.2.5 802.11 A/G/N/AX U-NII-2A	22
B.2.6 802.11 A/G/N/AX U-NII-2C	24
B.2.7 802.11 A/G/N/AX U-NII-3	26
B.2.8 CDB MODE	28
C.1 TEST SETUP	31
C.2 TEST SAMPLE	32

## 1. Standards, reference documents and applicable test methods

FCC	<ol style="list-style-type: none"> <li>1. FCC Title 47 CFR part 15 - Subpart C – §15.247 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz. 2019-10-01 Edition</li> <li>2. FCC Title 47 CFR part 15 – Subpart E – Unlicensed National Information Infrastructure Devices. 2019-10-01 Edition</li> <li>3. FCC Title 47 CFR part 15 – Subpart C – §15.209 Radiated emission limits; general requirements. 2019-10-01 Edition</li> <li>4. FCC OET KDB 558074 D01 v05r02 - Guidance for compliance measurements on digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the FCC rules.</li> <li>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).</li> <li>6. FCC OET KDB 662911 D01 v02r01 - Emissions Testing of Transmitters with Multiple Outputs in the Same Band.</li> <li>7. ANSI C63.10-2013 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.</li> </ol>
ISED	<ol style="list-style-type: none"> <li>1. RSS-Gen Issue 5 Amendment 1 - General Requirements for Compliance of Radio Apparatus.</li> <li>2. RSS-247 Issue 2 - Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and License-Exempt Local Area Network (LE-LAN) Devices.</li> <li>3. 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)</li> <li>4. FCC OET KDB 558074 D01 v05r02 - Guidance for compliance measurements on digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the FCC rules.</li> <li>5. FCC OET KDB 662911 D01 v02r01 - Emissions Testing of Transmitters with Multiple Outputs in the Same Band.</li> <li>6. ANSI C63.10-2013 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices</li> </ol>

## 2. General conditions, competences and guarantees

- ✓ Tests performed under FCC standards identified in section 1 are covered by A2LA accreditation.
- ✓ Tests performed under ISED standards identified in section 1 are covered by Cofrac accreditation.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 laboratory accredited by the American Association for Laboratory Accreditation (A2LA) with the certificate number 3478.01.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an Accredited Test Firm recognized by the FCC, with Designation Number FR0011.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 testing laboratory accredited by the French Committee for Accreditation (Cofrac) with the certificate number 1-6736.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is a Registered Test Site listed by ISED, with ISED #1000Y.
- ✓ Intel WRF Lab declines any responsibility with respect to the identified information provided by the customer and that may affect the validity of results.
- ✓ Intel WRF Lab only provides testing services and is committed to providing reliable, unbiased test results and interpretations.
- ✓ Intel WRF Lab is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.
- ✓ Intel WRF Lab has developed calibration and proficiency programs for its measurement equipment to ensure correlated and reliable results to its customers.
- ✓ This report is only referred to the item that has undergone the test.
- ✓ This report does not imply an approval of the product by the Certification Bodies or competent Authorities.

## 3. Environmental Conditions

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

Temperature	22.0°C ± 1.9°C
Humidity	40.6% ± 11.4%

#### 4. Test samples

Sample	Control #	Description	Model	Serial #	Date of receipt	Note
#01	210611-03.S01	WiFi 6E Module	AX411E2W	WM:3413E8F0D70A	2021-07-05	Used for 30MHz-1GHz and 18-40GHz Spurious Emissions tests
	210611-03.S25	Socket	Adaptor 1625	-	2021-07-16	
	210611-02.S17	Adaptor	PowerBy SNJ A4	-	2021-07-02	
	200602-03.S06	Absorber	-	-	2020-07-03	
	200611-03.S26	Extender	ADEXELEC	-	2020-07-01	
	170000-01.S01	Laptop	Lattitude E5470	DBPLMC2	2017-03-28	
	200921-01.S03	Wieson Antenna	-	-	2020-09-28	
	200921-01.S04	Wieson Antenna	-	-	2020-09-28	
#02	210611-03.S02	WiFi 6E Module	AX411E2W	WM:3413E8F0DA75	2021-07-05	Used for 1-9.5GHz Spurious Emissions tests
	210611-03.S26	Socket	Adaptor 1625	-	2021-07-16	
	210611-02.S15	Adaptor	PowerBy SNJ A4	-	2021-07-02	
	200602-03.S06	Absorber	-	-	2020-07-03	
	200102-01.S03	Extender	ADEXELEC	-	2020-01-02	
	170801-01.S10	Laptop	Latitude E7470	7KNOXF2	2017-09-08	
	200921-01.S01	Wieson Antenna	-	-	2020-09-28	
	200921-01.S02	Wieson Antenna	-	-	2020-09-28	
#03	210611-03.S01	WiFi 6E Module	AX411E2W	WM:3413E8F0D70A	2021-07-05	Used for CDB tests and 9.5-18GHz Spurious Emissions tests except test cases in Note 1
	210611-03.S25	Socket	Adaptor 1625	-	2021-07-16	
	210611-02.S17	Adaptor	PowerBy SNJ A4	-	2021-07-02	
	200602-03.S06	Absorber	-	-	2020-07-03	
	200611-03.S26	Extender	ADEXELEC	-	2020-07-01	
	170000-01.S01	Laptop	Lattitude E5470	DBPLMC2	2017-03-28	
	200921-01.S01	Wieson Antenna	-	-	2020-09-28	
	200921-01.S02	Wieson Antenna	-	-	2020-09-28	
#04	210611-03.S14	WiFi 6E Module	AX411E2W	WFM:3413E8F11B8E	2021-07-05	Used for 9.5 GHz-18 GHz Radiated Spurious Emissions tests for the test cases in Note 1
	210611-02.S17	Adaptor	PowerBy SNJ A4	-	2021-07-02	
	200602-03.S06	Absorber	-	-	2020-07-03	
	200611-03.S26	Extender	ADEXELEC	-	2020-07-01	
	170000-01.S01	Laptop	Lattitude E5470	DBPLMC2	2017-03-28	
	200921-01.S01	Wieson Antenna	-	-	2020-09-28	
	200921-01.S02	Wieson Antenna	-	-	2020-09-28	

**Note 1: The following test cases 9.5-18GHz RSE used sample #04**

Mode	Rate	Channel	Freq [MHz]	Antenna
802.11a	6Mbps	64	5320	SISO A
				SISO B
802.11n20	HT0	64	5320	SISO A
	HT0			SISO B
	HT8			MIMO A+B
802.11ax20	MCS0	64	5320	SISO A
				SISO B
				MIMO A+B
802.11n40	HT0	62	5310	SISO A
	HT0			SISO B
	HT8			MIMO A+B
802.11ax40	MCS0	54	5270	SISO B
				MIMO A+B
802.11ax40	MCS0	62	5310	SISO A
				SISO B
				MIMO A+B

### 5. EUT Features

The herein information is provided by the customer

Brand Name	Intel® Wi-Fi 6E AX411		
Model Name	AX411E2W		
Software Version	DRTU Version: 99.2100.64.0-OEM.DRTU.12485		
Driver Version	99.0.63.5		
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)	
	802.11ax	6.0GHz (5925.0 - 7125.0MHz)	
	Bluetooth 5.2	2.4GHz (2400.0 – 2483.5 MHz)	
Additional information	The EUT is a WiFi module supporting concurrent dual band (CDB) transmission modes		
	<b>Mode</b>	<b>TX Chain B</b>	<b>TX Chain A</b>
	<b>CDB Mode + Co-run BT:</b>		
	BT Co-run – CDB SISO	WLAN 2.4GHz + WLAN 5GHz	BT
		WLAN 2.4GHz + WLAN 6GHz	BT
	CDB only SISO	WLAN 2.4GHz + WLAN 5GHz	-
		WLAN 2.4GHz + WLAN 6GHz	-
	CDB only SISO	-	WLAN 2.4GHz + WLAN 5GHz
		-	WLAN 2.4GHz + WLAN 6GHz
	CDB only MIMO	WLAN 2.4GHz + WLAN 5GHz	WLAN 2.4GHz + WLAN 5GHz
WLAN 2.4GHz + WLAN 6GHz		WLAN 2.4GHz + WLAN 6GHz	
BT Co-run (CDB SISO)	WLAN 2.4GHz	WLAN 5GHz + BT	
BT Co-run (CDB SISO)	WLAN 2.4GHz	WLAN 6GHz + BT	
Antenna Information	Transmitter	Chain 1 (A)	Chain 2 (B)
	Manufacturer	Wieson	Wieson
	Antenna type	Dipole	Dipole
	Part number	ARY121-0009-002-H0	ARY121-0009-002-H0
	Declared Antenna gain (dBi) - 2.4GHz	+3.10	+3.10
	Declared Antenna gain (dBi) – 5.2 & 5.3GHz	+4.11	+4.11
	Declared Antenna gain (dBi) – 5.5GHz	+5.17	+5.17
	Declared Antenna gain (dBi) – 5.8 GHz	+5.17	+5.17

## 6. Remarks and comments

The low, mid, high channels were tested for each RF chain (A, B or A+B), bandwidth, modulation and sub-band. Only the worst case among the low, mid and high channels per sub-band has been reported. For CDB mode, the worst cases found in modular report 210611-03.TR51 were tested and reported.

## 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.

	FCC part	RSS part	Test name	Verdict
802.11 b/g/n/ax 2.4GHz	15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-Gen A1 Clause 8.9	Spurious Emission (radiated)	P
BLE	15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-GEN A1 Clause 8.9	Spurious Emission (radiated)	P
BT	15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-GEN A1 Clause 8.9	Spurious Emission (radiated)	P
802.11 a/n/ac/ax – U-NII-1	15.407 (b) (1) 15.209	RSS-247 Clause 6.2.1.2 RSS-GEN A1, Clause 8.9	Spurious Emission (radiated)	P
802.11 a/n/ac/ax – U-NII-2A	15.407 (b) (2) 15.209	RSS-247 Clause 6.2.2.2 RSS-GEN A1, Clause 8.9	Spurious Emission (radiated)	P
802.11 a/n/ac/ax – U-NII-2C	15.407 (b) (3) 15.209	RSS-247 Clause 6.2.3.2 RSS-GEN A1 Clause 8.9	Spurious Emission (radiated)	P
802.11 a/n/ac/ax – U-NII- 3	15.407 (b) (4) 15.209	RSS-247 Clause 6.2.4.2 RSS-GEN A1 Clause 8.9	Spurious Emission (radiated)	P

P: Pass

F: Fail

NM: Not Measured

NA: Not Applicable

## 8. Document Revision History

Revision #	Modified by	Revision Details
Rev. 00	N.Bui	First Issue

# Annex A. Test & System Description

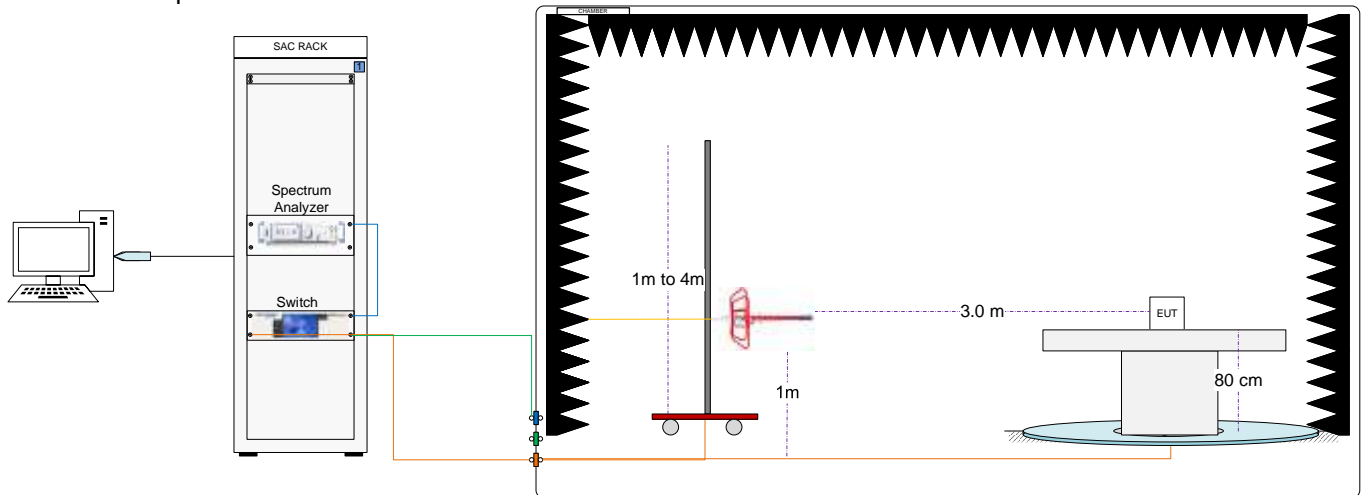
## A.1 Measurement System

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

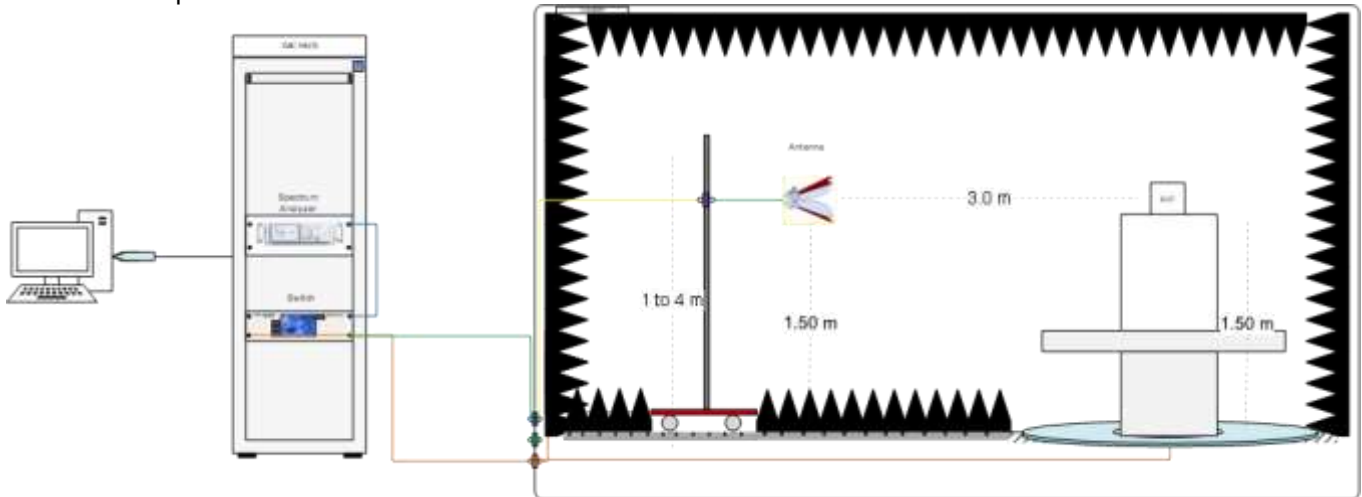
The DUT is installed in a test fixture and this test fixture is connected to a laptop computer and AC/DC power adapter. The laptop computer was used to configure the EUT to continuously transmit at a specified output power using all different modes and modulation schemes, using the Intel proprietary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

### Radiated test setup

#### Radiated Setup 30 MHz - 1 GHz

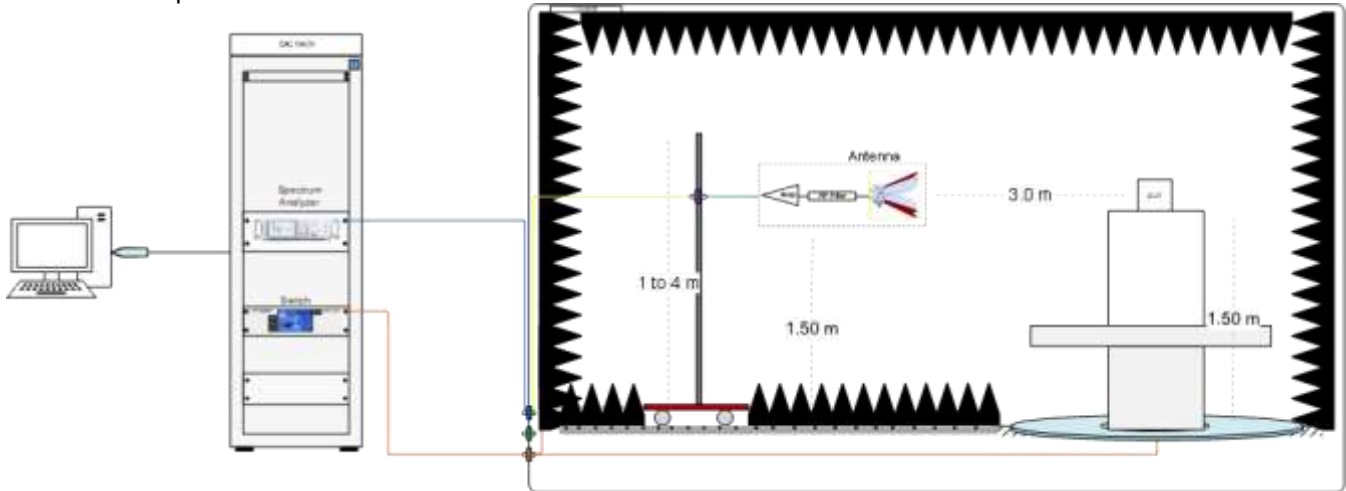


#### Radiated Setup 1 GHz – 9.5 GHz

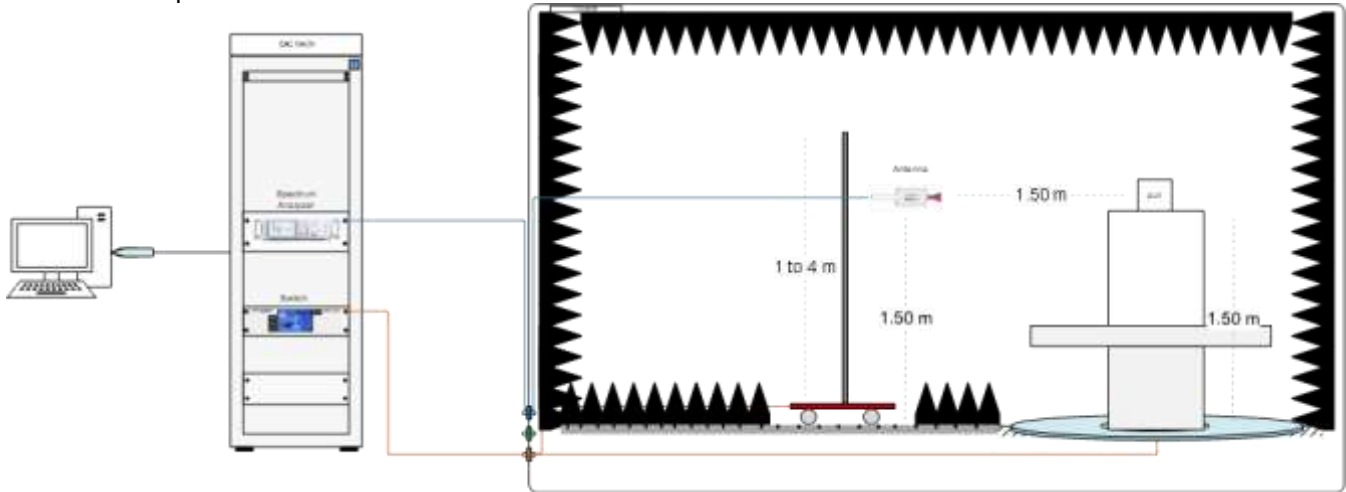




Radiated Setup 9.5 GHz - 18 GHz



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:

$$F \text{ (dB/m)} = \text{Rx Antenna Factor (dB/m)} + \text{Cable losses (dB)} - \text{Amplifiers Gain (dBi)}$$

$$E \text{ (dBμV/m)} = V \text{ (dBμV)} + F \text{ (dB/m)}$$

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:

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

where

*E<sub>SpecLimit</sub>* is the field strength of the emission at the distance specified by the limit, in dBμV/m

*E<sub>Meas</sub>* is the field strength of the emission at the measurement distance, in dBμV/m

*D<sub>Meas</sub>* is the measurement distance, in m

*D<sub>SpecLimit</sub>* 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
006-000*	Anechoic chamber	FACT 3	5720	ETS Lindgren	2020-01-07	2022-01-07
006-008	Measurement Software v11.30.00	EMC32	100623	Rohde & Schwarz	N/A	N/A
147-000	Spectrum analyzer	FSW43	101847	Rohde & Schwarz	2020-11-02	2022-11-02
006-002	Switch & Positioning	EMC center	00159757	ETS Lindgren	N/A	N/A
006-011	Boresight antenna mast	BAM4.0-P	P/278/2890.01	Maturo	N/A	N/A
057-000	Horn Antenna 3117 + Amplifier + HPF9.5	3117	00167062+00169546	ETS-Lindgren	2020-06-15	2022-06-15
007-008	Double Horn Ridged antenna	3116C-PA	00169308bis + 00196308	ETS-Lindgren	2021-08-05	2023-08-05
006-022	Biconilog Antenna	3142E	00156946	ETS-Lindgren	2020-03-12	2022-03-12
006-020	Double Ridged Horn Antenna 1 GHz – 18 GHz	3117	00157734	ETS Lindgren	2021-08-05	2023-08-05
006-052	RF Cable 7.5m	0501051057000GX	19.35.850	Radiall	2021-08-12	2022-02-12
006-051	RF Cable 1.0m	CBL-1.5M-SMSM+	202879	Mini-Circuits	2021-08-12	2022-02-12
006-030	RF Cable 1.2m	UFA147A-0-0480-200200	MFR 64639223720-003	Micro-coax	2021-08-12	2022-02-12
006-034	RF Cable 1.0m	UFA147A	-	Utilflex	2021-08-12	2022-02-12
006-036	RF Cable 1.0m	UFB311A-0-0590-50U50U	MFR 64639 223230-001	Micro-coax	2021-08-12	2022-02-12
006-038	RF Cable 7.0m	R286304009	-	Radiall	2021-08-12	2022-02-12
006-039	RF Cable 2.5m	0500990992500KE	19.23.395	Radiall	2021-08-12	2022-02-12
365-000	Temperature & Humidity logger	RA12E-TH1-RAS	00-80-A3-E1-6E-55	Avtech	2021-03-08	2023-03-08

\*Items not used during out of calibration period

N/A: Not Applicable

## Radiated Setup #2

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
007-000	Anechoic chamber	RFD-FA-100	5996	ETS Lindgren	2021-09-14	2023-09-14
007-002	Turntable	-	-	ETS Lindgren	N/A	N/A
007-003	Antenna Tower	2171B-3.0M	00150123	ETS Lindgren	N/A	N/A
007-006	Switch & Positioner	EMCenter	00151232	ETS Lindgren	N/A	N/A
007-005	Measurement SW, V11.20.00	EMC32	100401	Rohde & Schwarz	N/A	N/A
127-000	Spectrum Analyzer	FSV40	101358	Rohde & Schwarz	2021-01-15	2023-01-15
007-007	Double Ridge Horn (1-18GHz)	3117	00152266	ETS Lindgren	2020-03-18	2022-03-18
057-000	Horn Antenna 3117 + Amplifier + HPF9.5	3117	00167062+00169546	ETS-Lindgren	2020-06-15	2022-06-15
007-008	Double Horn Ridged antenna	3116C-PA	00169308bis 00196308	ETS-Lindgren	2021-08-05	2023-08-05
007-022	RF Cable 1-18GHz, 1.5m	0501050991200GX	19.23.493	Radiall	2021-08-12	2022-02-12
007-020	RF Cable 1-18GHz, 1.2 m	2301761761200PJ	12.22.1104	Radiall	2021-08-12	2022-02-12
007-011	RF Cable 1-18GHz – 6.5m	140-8500-11-51	001	Spectrum	2021-08-12	2022-02-12
007-015	RF Cable 1GHz-18GHz 1.5m	-	-	Spirent	2021-08-12	2022-02-12
007-014	RF Cable 18-40 GHz 6m	R286304009	1747364	Radiall	2021-08-12	2022-02-12
007-023	RF Cable 1m DC-40GHz	PE360-100CM	-	Pasternack	2021-08-12	2022-02-12
007-018	RF Cable 1-9.5GHz 1.2m	0500990991200KE	-	Radiall	2021-08-12	2022-02-12
145-000*	Temp & Humidity Logger	RA12E-TH1-RAS	RA12-B89BE3	Avtech	2020-01-22	2022-01-22
325-000	Temp & Humidity Logger	RA12E-TH1-RAS	RA12-B9B7C6	Avtech	2022-01-17	2024-01-17

\*Items not used during out of calibration period

N/A: Not Applicable

## Shared Radiated Equipment

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
412-000	DRTU Power finder V2.0	Software	-	Intel	N/A	N/A
022-000	Power Sensor	NRP-Z81	104385	Rohde & Schwarz	2020-04-08	2022-04-08
061-000	Power Sensor	NRP-Z81	104386	Rohde & Schwarz	2020-04-08	2022-04-08
140-000	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 table below with a coverage factor of  $k = 2$  to indicate a 95% level of confidence:

Measurement type	Uncertainty	Unit
Radiated tests <1GHz	$\pm 6.07$	dB
Radiated tests 1GHz – 40 GHz	$\pm 6.04$	dB

# Annex B. Test Results

## B.1 Test Conditions

For 802.11b, g and a modes 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 the spurious level:

Transmission	Mode	Bandwidth (MHz)	Worst Case Data Rate
SISO	802.11b	20	1Mbps
	802.11g, a	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 Radiated spurious emission

The herein test results were performed by:

Test case measurement	Test Personnel
Radiated spurious emissions	N.Bui

### B.2.1 802.11 b/g/n/ax 2.4GHz

#### Standard references

FCC part	RSS part	Limits			
15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-Gen A1 Clause 8.9	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):			
		Freq Range (MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Meas. Distance (m)
		30-88	100	40	3
		88-216	150	43.5	3
		216-960	200	46	3
		Above 960	500	54	3
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.					

#### Test procedure

The radiated setups shown in section A.1 were used to measure the radiated spurious emissions. Depending on the frequency range and bands being tested, different antennas and filters were used. The final measurement is done by varying the antenna height from 1 to 4 meters, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.

Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	---
45.6	27.8	40.0	12.2	V

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

**1 GHz – 26.5 GHz, 802.11ax40, HE0, Chain A+B****Radiated Spurious – CH3**

Frequency	MaxPeak	Average	Limit	Margin	Polar
4849.6	58.7	---	74.0	15.3	V
4850.5	---	51.8	54.0	2.2	V
10359.9	---	50.8	54.0	3.2	V
10359.9	---	50.9	54.0	3.1	V
25629.4	47.6	---	74.0	26.4	H
25632.6	---	38.1	54.0	15.9	V

**B.2.2 BLE**

Standards references

FCC part	RSS part	Limits																					
<p>15.247 (d) 15.209</p>	<p>RSS-247 Clause 5.5 RSS-Gen A1 Clause 8.9</p>	<p>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):</p>																					
		<table border="1"> <thead> <tr> <th>Freq Range (MHz)</th> <th>Field Strength (µV/m)</th> <th>Field Strength (dBµV/m)</th> <th>Meas. Distance (m)</th> </tr> </thead> <tbody> <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> </tbody> </table>	Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3	
Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)																				
30-88	100	40	3																				
88-216	150	43.5	3																				
216-960	200	46	3																				
Above 960	500	54	3																				
<p>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.</p>																							

Test procedure

The radiated setups shown in section A.1 were used to measure the radiated spurious emissions. Depending on the frequency range and bands being tested, different antennas and filters were used. The final measurement is done by varying the antenna height from 1 to 4 meters, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.



Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
46.7	25.3	40.0	14.7	V
212.5	30.5	43.5	13.0	H

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

**1 GHz – 26 GHz, BLE****Radiated Spurious – CH39**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
9056.0	55.3	---	74.0	18.7	H
9056.5	---	43.0	54.0	11.0	V
11154.5	49.1	---	74.0	24.9	V
11154.5	---	39.9	54.0	14.1	V
23125.0	49.1	---	74.0	24.9	H
23133.0	---	36.7	54.0	17.3	H

### B.2.3 BT

#### Standard references

FCC part	RSS part	Limits																					
15.247 (d) 15.209 (a)	RSS-247 Clause 5.5  RSS GEN A1 Clause 8.9	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 border="1"> <thead> <tr> <th>Freq Range (MHz)</th> <th>Field Strength (µV/m)</th> <th>Field Strength (dBµV/m)</th> <th>Meas. Distance (m)</th> </tr> </thead> <tbody> <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> </tbody> </table>	Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3	
Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)																				
30-88	100	40	3																				
88-216	150	43.5	3																				
216-960	200	46	3																				
Above 960	500	54	3																				
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.																							

#### Test procedure

The radiated setups shown in section A.1 were used to measure the radiated spurious emissions. Depending on the frequency range and bands being tested, different antennas and filters were used. The final measurement is done by varying the antenna height from 1 m to 4 m, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.

Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	---
46.7	25.3	40.0	14.7	V
212.5	30.5	43.5	13.0	H
944.0	34.5	46.0	11.5	H

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

**1 GHz – 26 GHz, EDR  $\pi/4$ -DQPSK****Radiated Spurious – CH0 2-DH5**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
8989.0	55.2	---	74.0	18.8	H
9039.5	---	43.1	54.0	10.9	H
11154.0	---	40.1	54.0	13.9	V
11155.5	48.2	---	74.0	25.8	V
24082.5	49.6	---	74.0	24.4	V
24107.5	---	37.1	54.0	16.9	V

**B.2.4 802.11 a/g/n/ax U-NII-1**

Standard references

FCC part	Limits																																
15.407 (b) (1)	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.																																
15.209	<p>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):</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="background-color: #d9e1f2;">Freq Range (MHz)</th> <th style="background-color: #d9e1f2;">Field Strength (µV/m)</th> <th style="background-color: #d9e1f2;">Field Strength (dBµV/m)</th> <th style="background-color: #d9e1f2;">Meas. Distance (m)</th> </tr> </thead> <tbody> <tr> <td>0.009-0.490</td> <td>2400/f(kHz)</td> <td>-</td> <td>300</td> </tr> <tr> <td>0.490-1.705</td> <td>24000/f(kHz)</td> <td>-</td> <td>300</td> </tr> <tr> <td>1.705-30.0</td> <td>30</td> <td>-</td> <td>30</td> </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> </tbody> </table> <p>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.</p> <p>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.</p>	Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)	0.009-0.490	2400/f(kHz)	-	300	0.490-1.705	24000/f(kHz)	-	300	1.705-30.0	30	-	30	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3
Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)																														
0.009-0.490	2400/f(kHz)	-	300																														
0.490-1.705	24000/f(kHz)	-	300																														
1.705-30.0	30	-	30																														
30-88	100	40	3																														
88-216	150	43.5	3																														
216-960	200	46	3																														
Above 960	500	54	3																														

Test procedure

The radiated setup shown in section A.1 was used to measure the radiated spurious emissions. Depending of the frequency range and bands being tested, different antennas and filters were used. The final measurement is done by varying the antenna height, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.

Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	---
44.3	25.6	40.0	14.3	V
45.8	26.1	40.0	13.9	V
216.3	37.4	46.0	8.6	H

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

**1 GHz – 40 GHz, 802.11ax40, HE0, Chain A+B****Radiated Spurious – CH38**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
9447.6	55.2	---	74.0	18.8	H
9452.3	---	44.6	54.0	9.4	H
10379.8	52.5	---	68.2	15.7	V
10387.3	62.9	---	68.2	5.3	V
15579.9	---	39.7	54.0	14.3	V
15580.8	49.6	---	74.0	24.4	V
20772.5	---	43.7	54.0	10.3	H
20774.0	53.7	---	74.0	20.3	H

**B.2.5 802.11 a/g/n/ax U-NII-2A**Standard references

FCC part	Limits																				
15.407 (a) (2)	For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of $-27$ dBm/MHz.																				
15.209	<p>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):</p> <table border="1" data-bbox="541 568 1331 779"> <thead> <tr> <th data-bbox="544 568 740 636">Freq Range (MHz)</th> <th data-bbox="740 568 936 636">Field Strength (<math>\mu</math>V/m)</th> <th data-bbox="936 568 1131 636">Field Strength (dB<math>\mu</math>V/m)</th> <th data-bbox="1131 568 1327 636">Meas. Distance (m)</th> </tr> </thead> <tbody> <tr> <td data-bbox="544 636 740 672">30-88</td> <td data-bbox="740 636 936 672">100</td> <td data-bbox="936 636 1131 672">40</td> <td data-bbox="1131 636 1327 672">3</td> </tr> <tr> <td data-bbox="544 672 740 707">88-216</td> <td data-bbox="740 672 936 707">150</td> <td data-bbox="936 672 1131 707">43.5</td> <td data-bbox="1131 672 1327 707">3</td> </tr> <tr> <td data-bbox="544 707 740 743">216-960</td> <td data-bbox="740 707 936 743">200</td> <td data-bbox="936 707 1131 743">46</td> <td data-bbox="1131 707 1327 743">3</td> </tr> <tr> <td data-bbox="544 743 740 779">Above 960</td> <td data-bbox="740 743 936 779">500</td> <td data-bbox="936 743 1131 779">54</td> <td data-bbox="1131 743 1327 779">3</td> </tr> </tbody> </table> <p>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.</p> <p>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.</p>	Freq Range (MHz)	Field Strength ( $\mu$ V/m)	Field Strength (dB $\mu$ V/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3
Freq Range (MHz)	Field Strength ( $\mu$ V/m)	Field Strength (dB $\mu$ V/m)	Meas. Distance (m)																		
30-88	100	40	3																		
88-216	150	43.5	3																		
216-960	200	46	3																		
Above 960	500	54	3																		

Test procedure

The radiated setups shown in section A.1 were used to measure the radiated spurious emissions. Depending of the frequency range and bands being tested, different antennas and filters were used. The final measurement is done by varying the antenna height, the EUT azimuth over  $360^\circ$  and for both Vertical and Horizontal polarizations.

Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	---
216.3	37.8	46.0	8.2	H

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

**1 GHz – 40 GHz, 802.11ax80, HE0, Chain B****Radiated Spurious – CH58**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
1089.2	---	42.1	54.0	11.9	V
1089.7	49.7	---	74.0	24.3	V
10580.0	51.3	---	68.2	16.9	V
10588.5	57.3	---	68.2	10.9	V
15884.0	---	40.2	54.0	13.8	V
15885.4	49.5	---	74.0	24.5	V
21178.3	57.9	---	74.0	16.1	V
21178.3	---	49.5	54.0	4.5	V

**B.2.6 802.11 a/g/n/ax U-NII-2C**

Standard references

FCC part	RSS clause	Limits																				
15.407 (b) (3)	RSS-247 Clause 6.2.3 (2)	For transmitters operating in the 5.47–5.725 GHz band: all emissions outside of the 5.47–5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.																				
15.209	RSS-GEN A1, Clause 8.9	<p>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):</p> <table border="1"> <thead> <tr> <th>Freq Range (MHz)</th> <th>Field Strength (µV/m)</th> <th>Field Strength (dBµV/m)</th> <th>Meas. Distance (m)</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>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.</p> <p>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.</p>	Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3
Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)																			
30-88	100	40	3																			
88-216	150	43.5	3																			
216-960	200	46	3																			
Above 960	500	54	3																			

Test procedure

The radiated setups shown in section A.1 were used to measure the radiated spurious emissions. Depending on the frequency range and bands being tested, different antennas and filters were used. The final measurement is done by varying the antenna height from 1 m to 4 m, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.



Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	---
216.3	38.1	46.0	7.9	H

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

**1 GHz – 40 GHz, 802.11ax40, HE0, Chain B****Radiated Spurious – CH118**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
9374.4	---	44.4	54.0	9.6	H
9374.4	56.1	---	74.0	17.9	V
11186.3	53.4	---	74.0	20.6	V
11186.3	---	47.7	54.0	6.3	V
22359.9	54.2	---	74.0	19.8	H
22359.9	---	52.0	54.0	1.9	H

**B.2.7 802.11 a/g/n/ax U-NII-3**Standard references

FCC part	RSS clause	Limits																				
15.407 (b) (4)	RSS-247 Clause 6.2.4.2	For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of $-27$ dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.																				
15.209	RSS-GEN A1, Clause 8.9	<p>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):</p> <table border="1"> <thead> <tr> <th>Freq Range (MHz)</th> <th>Field Strength (<math>\mu</math>V/m)</th> <th>Field Strength (dB<math>\mu</math>V/m)</th> <th>Meas. Distance (m)</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>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.</p> <p>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.</p>	Freq Range (MHz)	Field Strength ( $\mu$ V/m)	Field Strength (dB $\mu$ V/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3
Freq Range (MHz)	Field Strength ( $\mu$ V/m)	Field Strength (dB $\mu$ V/m)	Meas. Distance (m)																			
30-88	100	40	3																			
88-216	150	43.5	3																			
216-960	200	46	3																			
Above 960	500	54	3																			

Test procedure

The radiated setups shown in section A.1 were used to measure the radiated spurious emissions.

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

The final measurement is done by varying the antenna height from 1 m to 4 m, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.

Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	---
216.3	37.5	46.0	8.4	H

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

**1 GHz – 40 GHz, 802.11n20, HE0, Chain B****Radiated Spurious – CH149**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
1540.7	42.2	---	74.0	31.8	V
1540.7	---	31.2	54.0	22.8	V
6227.5	55.6	---	68.2	12.6	H
11486.2	---	46.8	54.0	7.2	V
11487.1	55.6	---	74.0	18.4	V
22308.6	---	43.5	54.0	10.5	V
22309.1	48.6	---	74.0	25.4	V
22979.8	49.7	---	74.0	24.3	H
22979.8	---	49.6	54.0	4.4	H

## B.2.8 CDB Mode

### Test procedure

The radiated setups shown in section ***Error! Reference source not found.*** were used to measure the radiated spurious emissions.

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

The final measurement is done by varying the antenna height from 1 to 4 meters, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.

The radiated spurious emissions were measured on the worst-case configuration selected from the chapter B.1 and using the middle channel for each band.

Test Results**Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	QuasiPeak	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	---
54.8	25.4	40.0	14.6	V
216.3	41.2	46.0	4.8	H

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

CDB only

**Tx Radiated Spurious Emissions 1 GHz – 40 GHz**  
**2.4GHz WLAN, Chain B – 5GHz WLAN, Chain B**  
**DTS: 802.11b, 20MHz, 1Mbps – UNII: 802.11a, 20MHz, 6Mbps**

**Radiated Spurious – DTS: CH7 – UNII 3: CH157**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4884.0	53.7	---	74.0	20.3	H
4884.0	---	47.7	54.0	6.3	H
11569.8	---	50.0	54.0	4.0	V
11573.1	59.1	---	74.0	14.9	V
23139.7	53.1	---	74.0	20.9	V
23139.7	---	50.1	54.0	3.9	V

[CDB BT CoRun](#)

**Tx Radiated Spurious Emissions 1 GHz – 40 GHz**  
**2.4GHz WLAN, Chain B – 5GHz WLAN , Chain B – BT, Chain A**  
**DTS: 802.11b, 20MHz, 1Mbps – UNII: 802.11a, 20MHz, 6Mbps – BT: DH5**

**Radiated Spurious – DTS: CH7 – UNII 2C: CH120 – BT, CH0**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
2360.0	---	49.6	54.0	4.4	V
2361.0	58.7	---	74.0	15.3	V
4884.0	56.3	---	74.0	17.7	H
4884.0	---	48.3	54.0	5.7	H
11199.0	58.6	---	74.0	15.4	V
11200.0	---	49.2	54.0	4.8	V
22400.0	---	51.9	54.0	2.1	H
22400.0	52.9	---	74.0	21.1	V
39692.3	57.2	---	74.0	16.8	H
39742.7	---	45.3	54.0	8.7	V