



Limited test report

REP114534-3R1TRFWL

Date of issue: September 25, 2025

Applicant:

Huupe, Inc.

Product description:

Huupe module with Quectel FC900E with custom antenna

Model:

H-FC900E

Product marketing name(s):

None

FCC ID:

2BOIM-FC900E

ISED certification number:

33905-FC900E

Specifications:

- ◆ **FCC 47 CFR Part 15, Subpart E – §15.407**
Unlicensed National Information Infrastructure Devices
- ◆ **Industry Canada RSS-247, Issue 3**
Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

Lab and test locations

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FCC Site Number	Test Firm Registration Number: 392943; Designation Number: US5058
ISED Test Site	2040B-3
Tested by	Lan Sayasane, Sr. EMC Test Engineer
Reviewed by	James Cunningham, EMC/WL Manager
Review date	September 25, 2025
Reviewer signature	James Cunningham Digitally signed by James Cunningham DN: cn=James Cunningham, c=US, o=Nemko, ou=EMC/WL, email=james.cunningham@nemko.com Reason: I am approving this document Date: 2025.09.25 12:01:15 -0700

Limits of responsibility

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report.

This test report has been completed in accordance with the requirements of ISO/IEC 17025. All results contain in this report are within Nemko USA's ISO/IEC 17025 accreditation.

This report must not be used by the client to claim product certification, approval, or endorsement by ANAB, NIST, or any agency of the U.S. Government.

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Section 1 Report summary

1.1 Test specifications

FCC 47 CFR Part 15, Subpart E – §15.407	Unlicensed National Information Infrastructure Devices
Industry Canada RSS-247, Issue 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

1.2 Exclusions

Limited Testing:

- EIRP calculation
- Radiated Spurious Emissions
- Band Edge

1.3 Statement of compliance

Testing was performed against all relevant requirements of the test standard(s) except as described in Section 1.2 above.

Results obtained indicate that the product under test complies in full with the tested requirements.

The test results relate only to the item(s) tested.

See “Section 2 Summary of test results” for full details.

1.4 Test report revision history

Table 1.4-1: Test report revision history

Revision #	Issue Date	Details of changes made to test report
REP114534-3TRFWL	September 25, 2025	Original report issued
REP114534-3R1TRFWL	September 25, 2025	Minor corrections and EIRP calculations added

Section 2 Summary of test results

2.1 Sample information

Receipt date	12-Sep-25
Nemko sample ID number	PRJ0083387

2.2 Testing period

Test start date	12-Sep-25
Test end date	15-Sep-25

2.3 Test results

Table 2.3-1: FCC 47 CFR Part 15, Subpart E requirements

Part	Test description	Verdict
§15.407(a)(1) §15.407(a)(3)	RF output power	Pass
§15.407(a)(1) §15.407(a)(3)	Power spectral density	Not tested
§15.407(e)	6 dB bandwidth	Not tested
§15.407(g)	Frequency stability	Not tested
§15.407(b)	AC conducted emissions	Not tested
§15.407(b)	Unwanted emissions < 1 GHz	Pass
§15.407(b)	Unwanted emissions > 1 GHz	Pass
§15.203	Antenna requirement	Not tested

Table 2.3-2: ISSED RSS-247 requirements

Part	Test description	Verdict
6.2.1 (1) 6.2.4 (1)	Transmit power	Pass
6.2.1 (2) 6.2.4 (2)	Electric field strength spurious emissions 30 MHz – 40 GHz	Pass
6.2.1 (1) 6.2.4 (1)	Power spectral density	Not tested
6.2.4 (1)	6 dB bandwidth	Not tested

Table 2.3-3: ISSED RSS-GEN requirements

Part	Test description	Verdict
6.7	Occupied bandwidth (99%)	Not tested
7.3	Receiver radiated emission limits	Not applicable ¹
7.4	Receiver conducted emission limits	Not applicable ¹
8.8	Power Line Conducted Emissions Limits for Licence-Exempt Radio Apparatus	Not tested

Notes: ¹ Only applicable to scanner receivers or stand-alone receivers operating in the band 30-960 MHz

Section 3 Equipment under test (EUT) details

3.1 Disclaimer

This section contains information provided by the applicant and has been utilized to support the test plan. Inaccurate information provided by the applicant can affect the validity of the results within this test report. Nemko accepts no responsibility for the information contained within this section and the impact it may have on the test plan and resulting measurements.

3.2 Applicant

Company name	Huupe, Inc.
Address	17875 Von Karman Ave
City	Irvine
State	CA
Postal/Zip code	92614
Country	USA

3.3 Manufacturer

Company name	Huupe, Inc.
Address	17875 Von Karman Ave
City	Irvine
State	CA
Postal/Zip code	92614
Country	USA

3.4 EUT information

Product name	Huupe module with Quectel FC900E with custom antenna
Model	H-FC900E
Variant(s)	None
Serial number	HMC2532021499
Part number	N/A
Power requirements	Battery Operation
Description/theory of operation	Huupe module with Quectel FC900E with custom antenna
Operational frequencies	Low: 5180 MHz / Mid: 5220 MHz / High: 5320 MHz
Software details	Version 08122025

3.5 Transmitter Information

Frequency band	5150 – 5250 MHz 5725 – 5875 MHz
Transmitter type	☐ Frequency hopping spread spectrum (FHSS) ☒ Digital transmission system (DTS) ☐ Hybrid FHSS / DTS
Data rate	IEEE 802.11a: 6 Mbps
Antenna information	EUT includes 1 antenna port. Custom FPC antenna ANT1: 6.5 dBi
Number of channels:	IEEE 802.11a: 9
MIMO operation	N/A

3.6 Channel list

For 5150 – 5250 MHz operation:

4 channels are available for IEEE 802.11a, IEEE 802.11n (HT20) and IEEE 802.11ac (VHT20) operational modes:

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are available for IEEE 802.11n (HT40) and IEEE 802.11ac (VHT40) operational mode:

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is available for IEEE 802.11ac (VHT80) operational mode:

Channel	Frequency	Channel	Frequency
42	5210 MHz		

3.7 EUT setup details

Table 3.7-1: EUT sub assemblies

Description	Brand name	Model/Part number	Serial number	Rev.
None	N/A	N/A	N/A	N/A

Table 3.7-2: EUT interface ports

Description	Qty.
USB (Type C)	1

Table 3.7-3: Support equipment

Description	Brand name	Model/Part number	Serial number	Rev.
None	N/A	N/A	N/A	N/A

Table 3.7-4: Inter-connection cables

Cable description	From	To	Length (m)
None	N/A	N/A	N/A

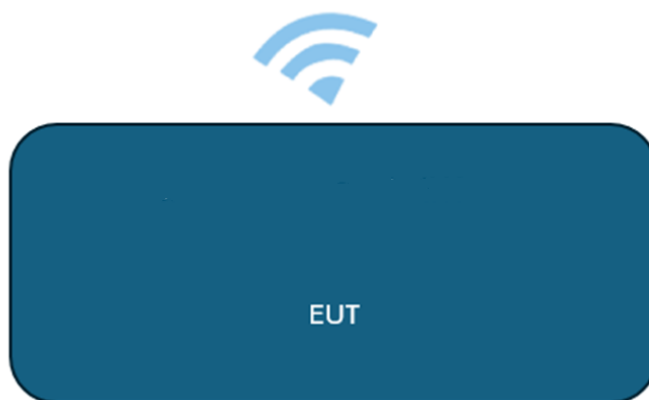


Figure 3.7-1: Test setup diagram

Section 4 Engineering considerations

4.1 Modifications incorporated in the EUT

None.

4.2 Technical judgement

None.

4.3 Deviations from laboratory test procedures

None.

Section 5 Test conditions

5.1 Atmospheric conditions

Temperature	15–30 °C
Relative humidity	20–75 %
Air pressure	86–106 kPa

When it is impracticable to carry out tests under these conditions, a note to this effect stating the ambient temperature and relative humidity during the tests shall be recorded and stated.

5.2 Power supply range

The normal test voltage for equipment to be connected to the mains shall be the nominal mains voltage. For the purpose of the present document, the nominal voltage shall be the declared voltage, or any of the declared voltages ± 5 %, for which the equipment was designed.

Section 6 Measurement uncertainty

6.1 Uncertainty of measurement

Nemko USA Inc. has calculated measurement uncertainty and is documented in EMC/MUC/001 “Uncertainty in EMC measurements.” Measurement uncertainty was calculated using the methods described in CISPR 16-4-2 Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-2: Uncertainties, statistics, and limit modelling – Measurement instrumentation uncertainty. The expression of Uncertainty in EMC testing. Measurement uncertainty calculations assume a coverage factor of $K=2$ with 95% certainty.

Table 6.1-1: Measurement uncertainty calculations

Measurement		U_{cispr} dB	U_{lab} dB
Conducted disturbance at AC mains and other port power using a V-AMN	9 kHz to 150 kHz	3.8	2.9
	150 kHz to 30 MHz	3.4	2.3
Conducted disturbance at telecommunication port using AAN	150 kHz to 30 MHz	5.0	4.3
Conducted disturbance at telecommunication port using CVP	150 kHz to 30 MHz	3.9	2.9
Conducted disturbance at telecommunication port using CP	150 kHz to 30 MHz	2.9	1.4
Conducted disturbance at telecommunication port using CP and CVP	150 kHz to 30 MHz	4.0	3.1
Radiated disturbance (electric field strength in a SAC)	30 MHz to 1 GHz	6.3	5.5
Radiated disturbance (electric field strength in a FAR)	1 GHz to 6 GHz	5.2	4.7
Radiated disturbance (electric field strength in a FAR)	6 GHz to 18 GHz	5.5	5.0

Notes: Compliance assessment:

If U_{lab} is less than or equal to U_{cispr} then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit

If U_{lab} is greater than U_{cispr} then:

- compliance is deemed to occur if no measured disturbance level, increased by $(U_{\text{lab}} - U_{\text{cispr}})$, exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level, increased by $(U_{\text{lab}} - U_{\text{cispr}})$, exceeds the disturbance limit

V-AMN: V type artificial mains network

AAN: Asymmetric artificial network

CP: Current probe

CVP: Capacitive voltage probe

SAC: Semi-anechoic chamber

FAR: Fully anechoic room

Section 7 Test equipment

7.1 Test equipment list

Table 7.1-1: Test Equipment List

Equipment	Manufacturer	Model no.	Asset no.	Cal cycle	Next cal.
EMI Test Receiver	Rhode & Schwarz	ESU 40	E1121	1 year	03-Oct-2025
System Controller	Sunol Sciences	SC104V	E1191	NCR	NCR
Antenna, Bilog	Schaffner	CBL 6111D	1763	2 years	16-Jul-2026
Antenna, DRG Horn	ETS-Lindgren	3117-PA	E1160	2 years	17-May-2026
Antenna, Standard Gain Horn	Eravant	SAZ-2410-42-S1	EW107	1 year	11-Feb-2026
Low Noise Amplifier	Eravant	SBL-1834034038-KFKF	EW111	NCR	NCR
Antenna, Gain Horn	Eravant	SAZ-2410-28-S1	EW108	1 year	11-Feb-2026
Waveguide to Coax Adapter Ka Band Right Angle	Eravant	SWC-28KM-R1	EW101	NCR	NCR
Notch Filter	Micro-Tonics	BRM50702-02	E1142	NCR	NCR
Band Reject Filter	Micro-Tonics	BRM50716	EW103	NCR	NCR

Notes: NCR: no calibration required
VBU: verify before use

7.2 Test software list

Table 7.2-1: Test Software

Manufacturer	Details
Rohde & Schwarz	EMC 32 V10.60.15 (radiated emissions)

Section 8 Testing data

8.1 Maximum peak output power

8.1.1 References and limits

- FCC 47 CFR Part 15, Subpart E: §15.401(a)(1), §15.401(a)(3)
 - ISSED: RSS-247 6.2.1(1), 6.2.4(2)
 - Test method: ANSI C63.10-2020 §11.9.2.3.1 (Method AVGPM)
- §15.407(a)(1):
- (i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
 - (ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
 - (iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
 - (iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- §15.407(a)(3):
- (i) For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
 - (ii) For an indoor access point operating in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.
 - (iii) For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 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 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.
 - (iv) For a subordinate device operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 20 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 36 dBm.
 - (v) In the 5.850-5.895 GHz band, client devices must operate under the control of an indoor access point. In all cases, an exception exists for transmitting brief messages to an access point when attempting to join its network after detecting a signal that confirms that an access point is operating on a particular channel. Access points may connect to other access points. Client devices are prohibited from connecting directly to another client device.
- RSS-247:
- 6.2.1.1 For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less, where B is the 99% emission bandwidth in megahertz. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.
For other devices, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.
- 6.2.4.2 For equipment operating in the band 5725-5850 MHz, the 6 dB bandwidth shall be at least 500 kHz.
The maximum conducted output power shall not exceed 1 W. The output power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the output power spectral

density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

8.1.2 Test summary

Verdict	Pass		
Test date	September 12, 2025	Temperature	22 °C
Test engineer	Lan Sayasane, Sr. EMC Test Engineer	Air pressure	1005.0 mbar
Test location	☐ Wireless bench (conducted tests) ☐ 10 m semi-anechoic chamber (radiated tests) ☐ 3 m semi-anechoic chamber (radiated tests) ☒ Other: Calculation	Relative humidity	56 %

8.1.3 Notes

Results below are taken from the original module certification report. EIRP has been re-calculated based on the custom antenna being used.

8.1.4 Test data

Table 8.1-1: Maximum peak output power, test results

Test mode	Channel	Conducted power (dBm)	Limit (dBm)	EIRP (dBm)
802.11a	5180	15.21	≤ 29.50	24.71
	5220	14.78	≤ 29.50	24.28
	5240	14.71	≤ 29.50	24.21
	5260	14.98	≤ 23.48	24.48
	5300	15.18	≤ 23.48	24.68
	5320	15.22	≤ 23.48	24.72
	5500	15.38	≤ 23.48	24.88
	5580	15.22	≤ 23.48	24.72
	5700	12.21	≤ 23.48	21.71
	5745	15.01	≤ 29.50	24.51
	5785	14.43	≤ 29.50	23.93
	5825	14.21	≤ 29.50	23.71
	5180	13.65	≤ 29.50	23.15
	5220	13.29	≤ 29.50	22.79
	5240	13.23	≤ 29.50	22.73
802.11n HT20	5260	13.49	≤ 23.48	22.99
	5300	13.68	≤ 23.48	23.18
	5320	13.62	≤ 23.48	23.12
	5500	13.59	≤ 23.48	23.09
	5580	13.47	≤ 23.48	22.97
	5700	12.59	≤ 23.48	22.09
	5745	13.42	≤ 29.50	22.92
	5785	13.11	≤ 29.50	22.61
	5825	12.87	≤ 29.50	22.37
	5190	13.81	≤ 29.50	23.31
	5230	13.48	≤ 23.48	22.98
	5270	13.38	≤ 23.48	22.88
	5310	13.56	≤ 23.48	23.06
	5510	12.41	≤ 23.48	21.91
	5550	13.49	≤ 23.48	22.99
802.11n HT40	5670	13.19	≤ 23.48	22.69
	5755	13.58	≤ 29.50	23.08
	5795	13.13	≤ 29.50	22.63
	5180	12.68	≤ 29.50	22.18
	5220	12.47	≤ 29.50	21.97
	5240	12.53	≤ 29.50	22.03
	5260	12.77	≤ 23.48	22.27
	5300	12.78	≤ 23.48	22.28
	5320	12.67	≤ 23.48	22.17
	5500	12.67	≤ 23.48	22.17

Test mode	Channel	Conducted power (dBm)	Limit (dBm)	EIRP (dBm)
802.11ac VHT40	5580	12.72	≤ 23.48	22.22
	5700	12.08	≤ 23.48	21.58
	5745	12.47	≤ 29.50	21.97
	5785	12.11	≤ 29.50	21.61
	5825	11.84	≤ 29.50	21.34
	5190	12.24	≤ 29.50	21.74
	5230	12.07	≤ 23.48	21.57
	5270	12.03	≤ 23.48	21.53
	5310	11.92	≤ 23.48	21.42
	5510	11.83	≤ 23.48	21.33
802.11ac VHT80	5550	12.03	≤ 23.48	21.53
	5670	11.57	≤ 23.48	21.07
	5755	12.03	≤ 29.50	21.53
	5795	11.67	≤ 29.50	21.17
	5210	11.96	≤ 29.50	21.46
	5290	12.01	≤ 23.48	21.51
	5530	11.97	≤ 23.48	21.47
	5775	11.93	≤ 29.50	21.43

Note: EIRP = conducted power (from original module certification test report) + antenna gain (custom antenna, 6.5 dBi gain)

Conducted power limit = $30 \text{ dBm} - (\text{Antenna gain} - 6) = 30 - (6.5 - 6) = 30 - 0.5 = 29.5 \text{ dBm}$ or;
 $23.98 \text{ dBm} - (\text{Antena gain} - 6) = 23.98 - (6.5 - 6) = 23.98 - 0.5 = 23.48 \text{ dBm}$

8.2 Spurious emissions

8.2.1 References and limits

- FCC 47 CFR Part 15, Subpart C: §15.407(b)
- RSS-247: §6.2.1(2), §6.2.4(3)
- Test method: ANSI C63.10-2020 §6.10.4 (authorized band edge)
- Test method: ANSI C63.10-2020 §11.11 (antenna port conducted spurious emissions)
- Test method: ANSI C63.10-2020 §11.12.3 (radiated restricted band edge)
- Test method: ANSI C63.10-2020 §6.5, 6.6 (radiated emissions in restricted bands)

§15.407(b): Undesirable emission limits. Except as shown in paragraph (b)(10) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (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.
- (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.
- (3) 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 e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
 - (i) 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.
 - (ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.
- (5) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:
 - (i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz.
 - (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.
 - (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
- (6) 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.
- (7) 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.
- (8) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
- (9) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in § 15.207.
- (10) The provisions of § 15.205 apply to intentional radiators operating under this section.
- (11) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

RSS-247:

- 6.2.1.2 For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS)and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.
- 6.2.2.4 Devices operating in the band 5725-5850 MHz shall comply with the following e.i.r.p. spectral density limits:
 - 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
 - 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
 - 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
 - -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

8.2.2 Test summary

Verdict	Pass		
Test date	September 12, 2025	Temperature	22 °C
Test engineer	Lan Sayasane, Sr. EMC Test Engineer	Air pressure	1005.0 mbar
Test location	☐ Wireless bench (conducted tests) ☐ 10 m semi-anechoic chamber (radiated tests) ☒ 3 m semi-anechoic chamber (radiated tests) ☐ Other:	Relative humidity	56 %

8.2.3 Notes

Testing was performed with the transmitter operating on a fixed channel at full power. The spectrum was searched from 30 MHz to 40 GHz.

For radiated measurements, the EUT was investigated to identify the worst case orientation with respect to the fundamental transmitter power. All measurements were performed with the EUT in that worst-case orientation.

The spectral plots within this section have been corrected with all relevant transducer factors.

8.2.4 Setup details

EUT power input during test	Battery Operation
EUT setup configuration	☒ Table-top ☐ Floor standing ☐ Other:

Spectrum analyzer settings (conducted emissions):

Resolution bandwidth	100 kHz
Video bandwidth	300 kHz
Detector mode	Peak
Trace mode	Max Hold
Measurement time	Long enough for trace to stabilize

Receiver settings for radiated measurements within restricted bands below 1 GHz:

Resolution bandwidth	120 kHz
Video bandwidth	300 kHz
Detector mode	Peak (preview measurements) Quasi-Peak (final measurements)

Receiver settings for radiated measurements within restricted bands above 1 GHz:

Resolution bandwidth	1 MHz
Video bandwidth	3 MHz
Detector mode	Peak (preview measurements) Peak and average (final measurements)

8.2.5 Test data

Radiated spurious emissions:

- Restricted band edge:

Full Spectrum

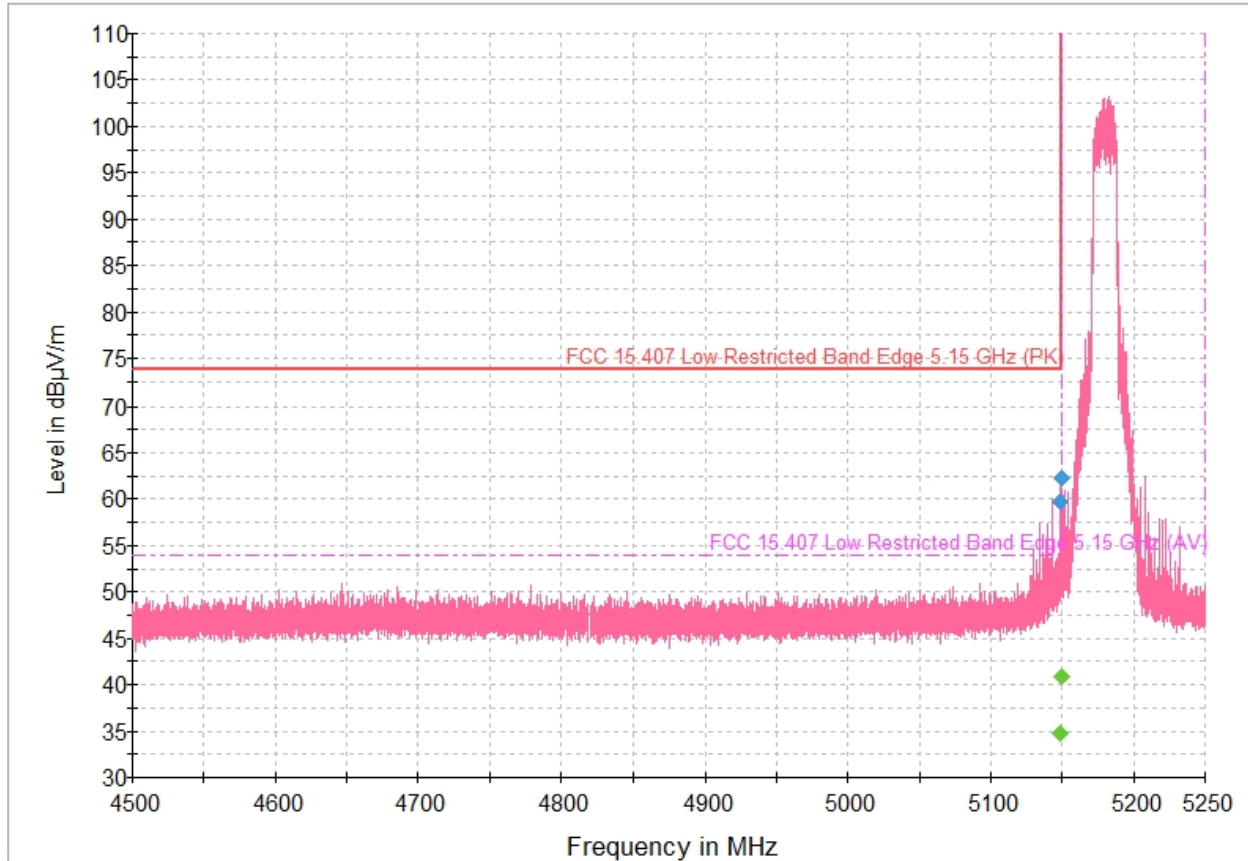


Figure 8.2-1: Radiated emissions spectral plot (4.5 GHz - 5.25 GHz) – 5180 MHz (802.11a, 6 Mbps) - Vertical

Table 8.2-1: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.475000	59.74	---	73.90	14.16	5000.0	1000.000	193.0	V	24.0	2.8
5148.475000	---	34.75	53.90	19.15	5000.0	1000.000	193.0	V	24.0	2.8
5150.000000	62.21	---	73.90	11.69	5000.0	1000.000	210.0	V	119.0	2.8
5150.000000	---	40.89	53.90	13.01	5000.0	1000.000	210.0	V	119.0	2.8

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

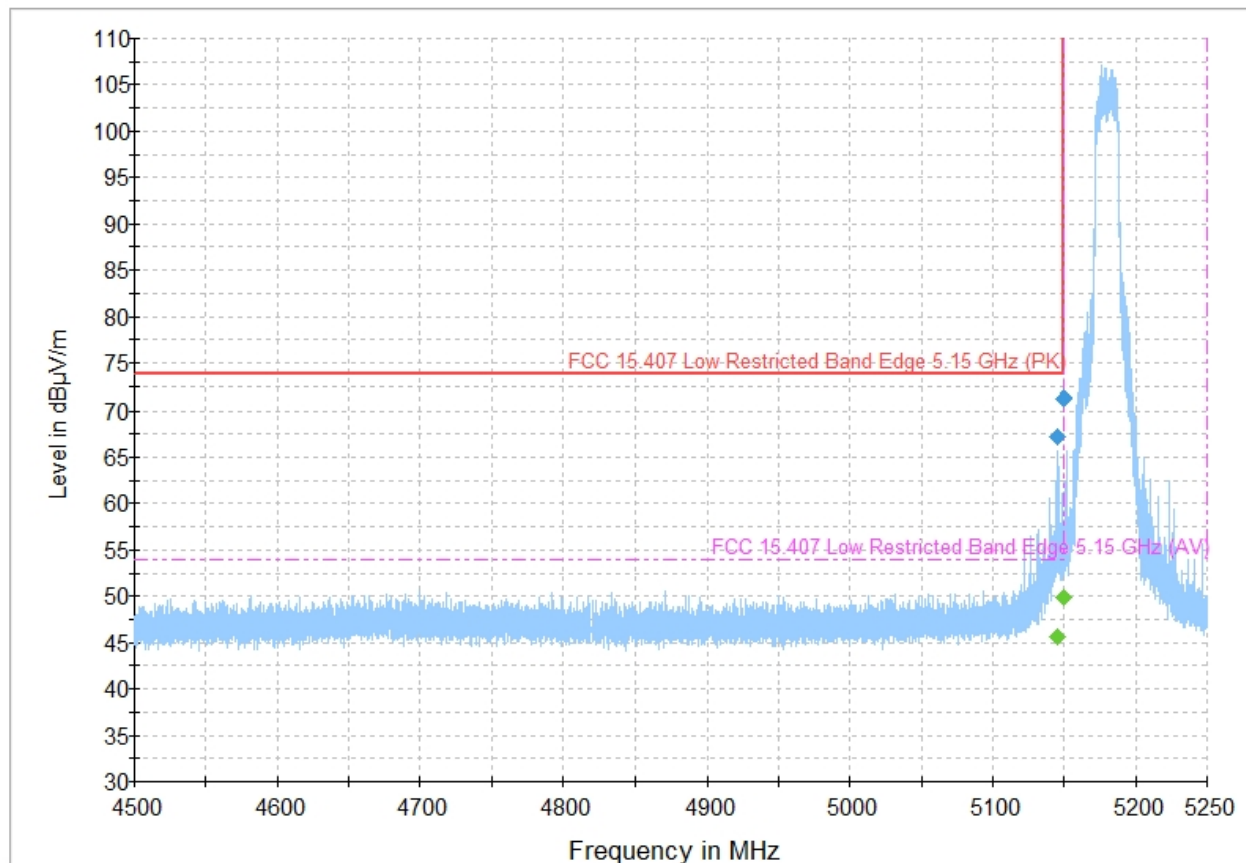


Figure 8.2-2: Radiated emissions spectral plot (4.5 GHz - 5.25 GHz) – 5180 MHz (802.11a, 6 Mbps) - Horizontal

Table 8.2-2: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5144.725000	---	45.66	53.90	8.24	5000.0	1000.000	209.0	H	40.0	2.7
5144.725000	67.14	---	73.90	6.76	5000.0	1000.000	209.0	H	40.0	2.7
5150.000000	---	49.79	53.90	4.11	5000.0	1000.000	199.0	H	40.0	2.8
5150.000000	71.28	---	73.90	2.62	5000.0	1000.000	199.0	H	40.0	2.8

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

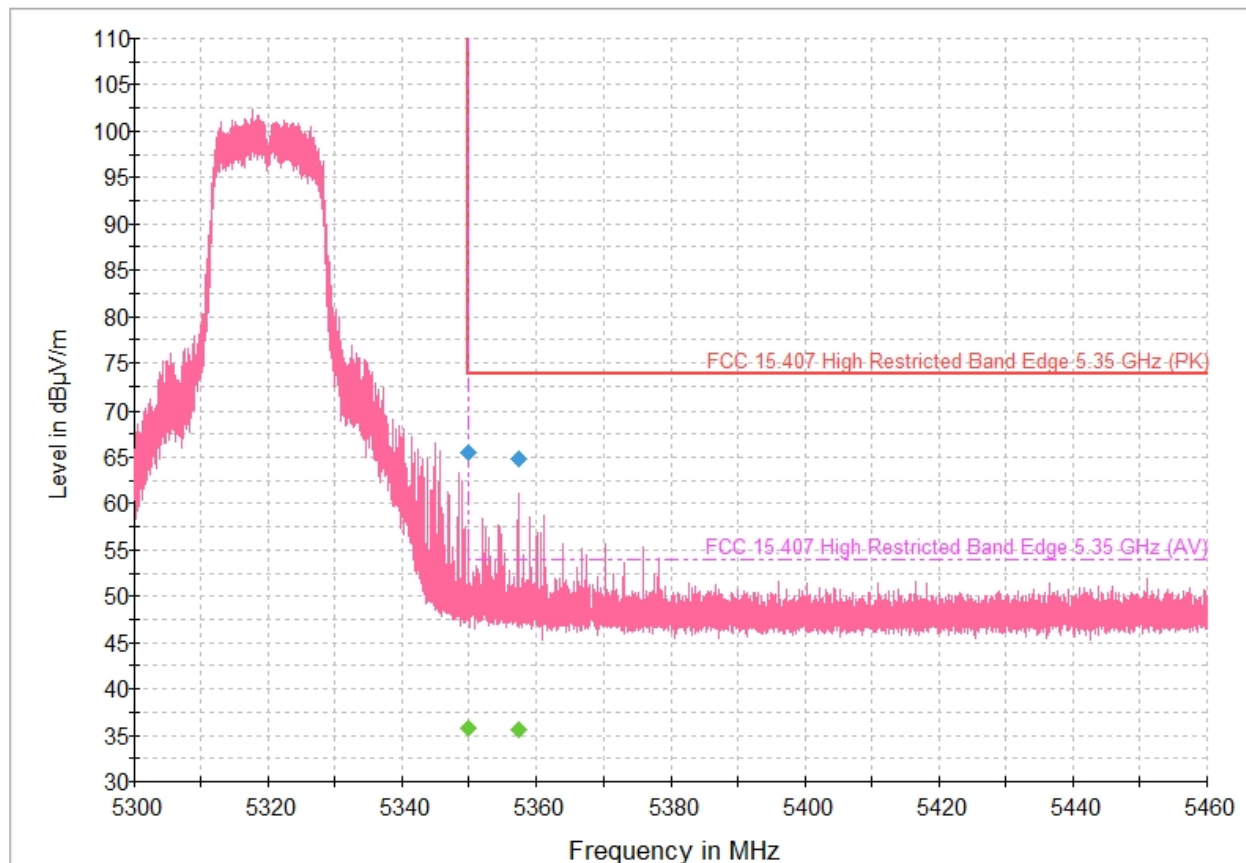


Figure 8.2-3: Radiated emissions spectral plot (5.3 GHz - 5.46 GHz) – 5320 MHz (802.11a, 6 Mbps) - Vertical

Table 8.2-3: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	CAverage (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.000000	---	35.75	53.90	18.15	5000.0	1000.000	213.0	V	39.0	3.4
5350.000000	65.45	---	73.90	8.45	5000.0	1000.000	213.0	V	39.0	3.4
5357.306667	---	35.56	53.90	18.34	5000.0	1000.000	221.0	V	358.0	3.4
5357.306667	64.76	---	73.90	9.14	5000.0	1000.000	221.0	V	358.0	3.4

Notes: ¹ Field strength (dBμV/m) = receiver/spectrum analyzer value (dBμV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

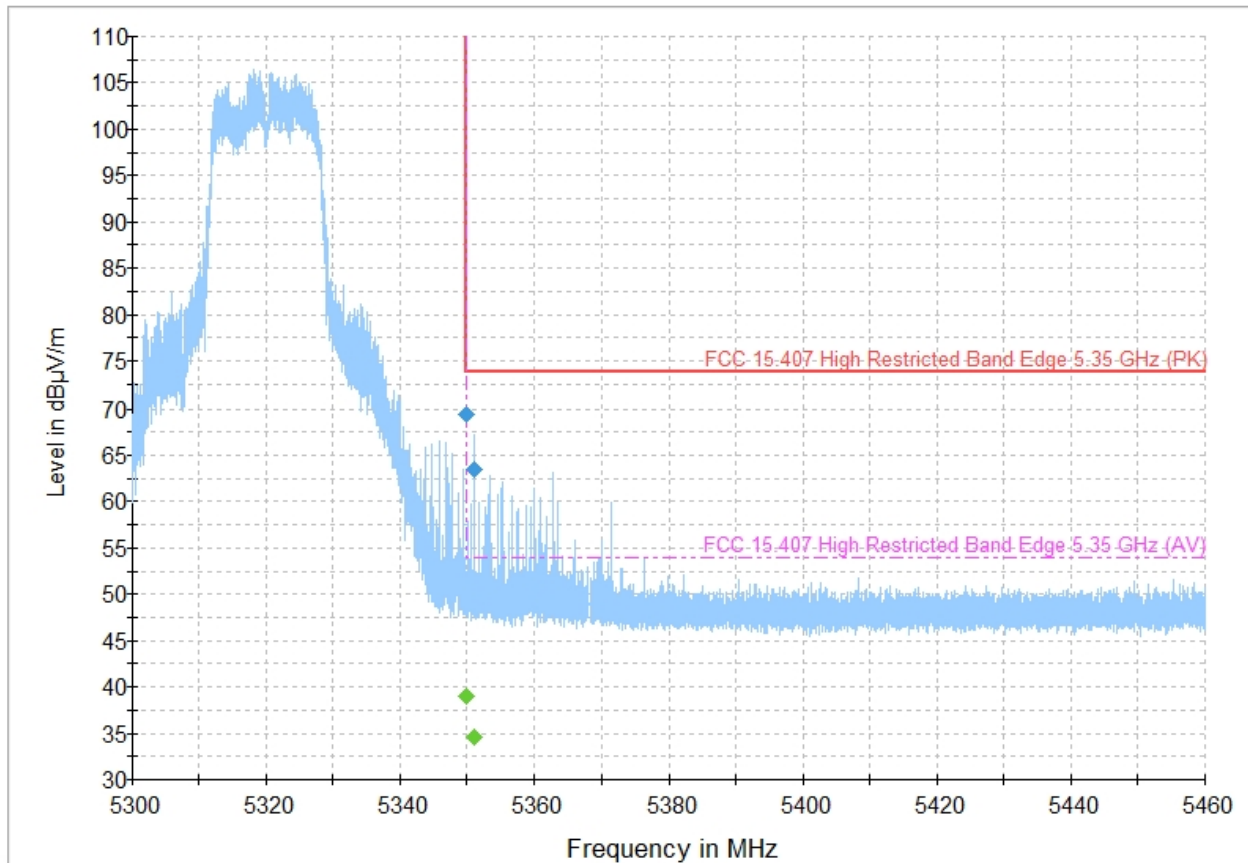


Figure 8.2-4: Radiated emissions spectral plot (5.3 GHz - 5.46 GHz) – 5320 MHz (802.11a, 6 Mbps) - Horizontal

Table 8.2-4: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.000000	---	38.96	53.90	14.94	5000.0	1000.000	232.0	H	39.0	3.4
5350.000000	69.46	---	73.90	4.44	5000.0	1000.000	232.0	H	39.0	3.4
5350.976000	---	34.55	53.90	19.35	5000.0	1000.000	201.0	H	24.0	3.4
5350.976000	63.42	---	73.90	10.48	5000.0	1000.000	201.0	H	24.0	3.4

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

8.2.6 Test data

- Radiated spurious emissions, restricted bands:

Full Spectrum

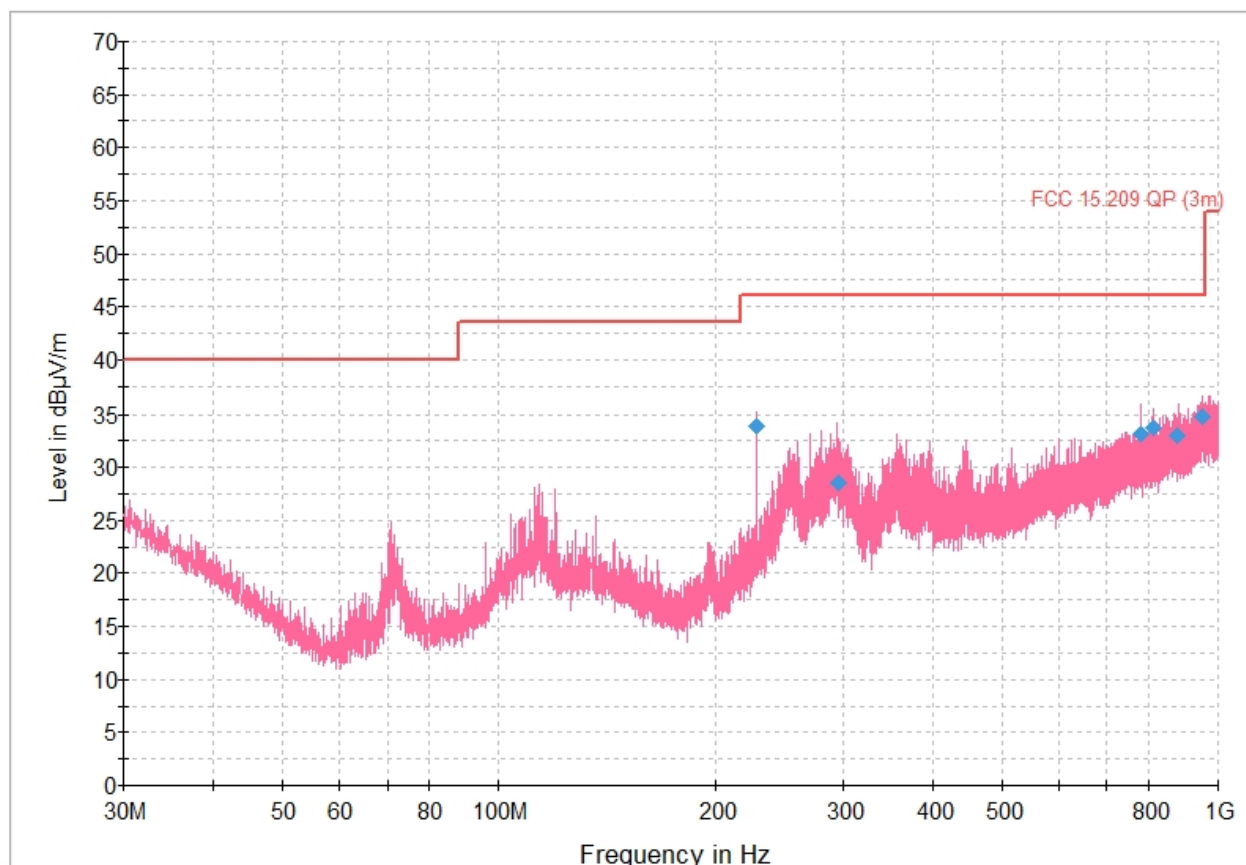


Figure 8.2-5: Radiated emissions spectral plot (30 MHz - 1 GHz) – 5220 MHz (802.11a, 6 Mbps) - Vertical

Table 8.2-5: Radiated emissions results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
227.472000	33.82	46.00	12.18	5000.0	120.000	168.0	V	357.0	18.8
295.233333	28.51	46.00	17.49	5000.0	120.000	146.0	V	154.0	22.0
779.984000	33.09	46.00	12.91	5000.0	120.000	314.0	V	0.0	32.0
812.471333	33.78	46.00	12.22	5000.0	120.000	211.0	V	0.0	32.5
878.647333	33.01	46.00	12.99	5000.0	120.000	165.0	V	37.0	33.2
948.999667	34.85	46.00	11.15	5000.0	120.000	262.0	V	0.0	35.0

Notes: ¹ Field strength (dBμV/m) = receiver/spectrum analyzer value (dBμV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

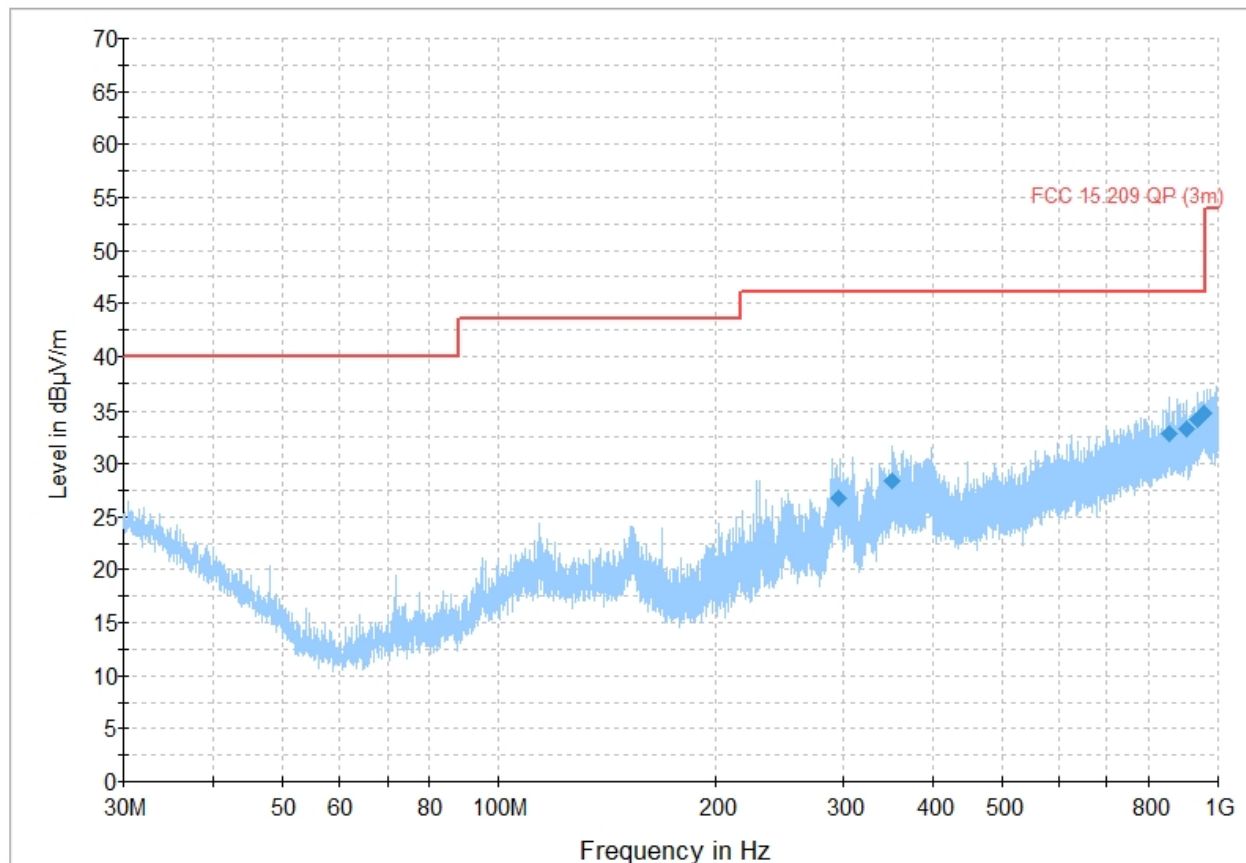


Figure 8.2-6: Radiated emissions spectral plot (30 MHz - 1 GHz) – 5220 MHz (802.11a, 6 Mbps) - Horizontal

Table 8.2-6: Radiated emissions results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
296.636333	26.77	46.00	19.23	5000.0	120.000	101.0	H	0.0	22.0
351.162333	28.37	46.00	17.63	5000.0	120.000	101.0	H	331.0	23.8
853.314333	32.90	46.00	13.10	5000.0	120.000	241.0	H	339.0	33.2
906.057667	33.34	46.00	12.66	5000.0	120.000	397.0	H	43.0	33.4
937.530000	34.18	46.00	11.82	5000.0	120.000	399.0	H	355.0	34.3
957.349333	34.75	46.00	11.25	5000.0	120.000	128.0	H	188.0	34.9

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

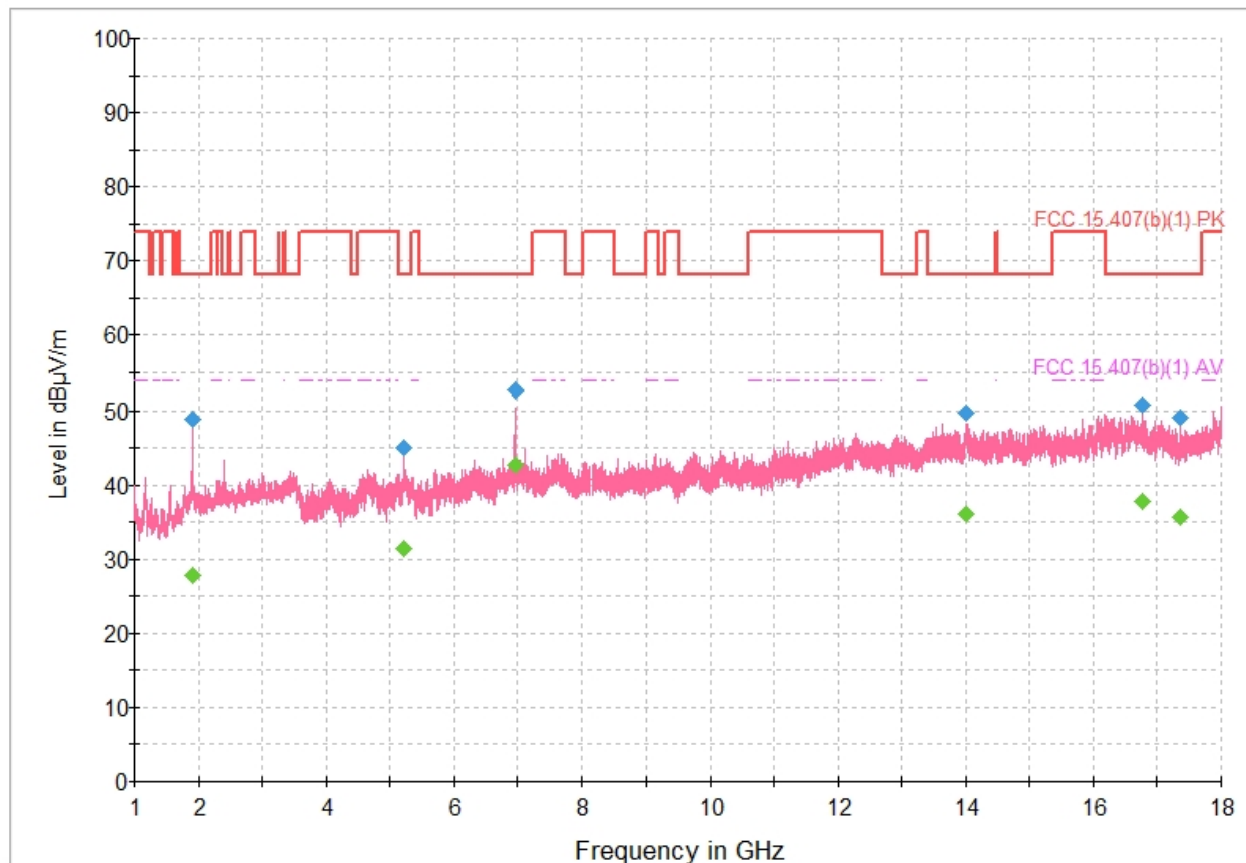


Figure 8.2-7: Radiated emissions spectral plot (1 GHz - 18 GHz) – 5220 MHz (802.11a, 6 Mbps) - Vertical

Table 8.2-7: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1908.850000	48.86	---	68.23	19.37	5000.0	1000.000	238.0	V	51.0	-5.4
1908.850000	---	27.87	---	---	5000.0	1000.000	238.0	V	51.0	-5.4
5218.500000	---	31.45	---	---	5000.0	1000.000	276.0	V	123.0	3.0
5218.500000	45.02	---	68.23	23.21	5000.0	1000.000	276.0	V	123.0	3.0
6959.950000	---	42.65	---	---	5000.0	1000.000	200.0	V	11.0	5.5
6959.950000	52.59	---	68.23	15.64	5000.0	1000.000	200.0	V	11.0	5.5
14005.100000	49.74	---	68.23	18.49	5000.0	1000.000	391.0	V	0.0	18.1
14005.100000	---	36.14	---	---	5000.0	1000.000	391.0	V	0.0	18.1
16759.700000	50.73	---	68.23	17.50	5000.0	1000.000	399.0	V	273.0	23.4
16759.700000	---	37.78	---	---	5000.0	1000.000	399.0	V	273.0	23.4
17363.000000	49.03	---	68.23	19.20	5000.0	1000.000	329.0	V	351.0	20.2
17363.000000	---	35.61	---	---	5000.0	1000.000	329.0	V	351.0	20.2

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

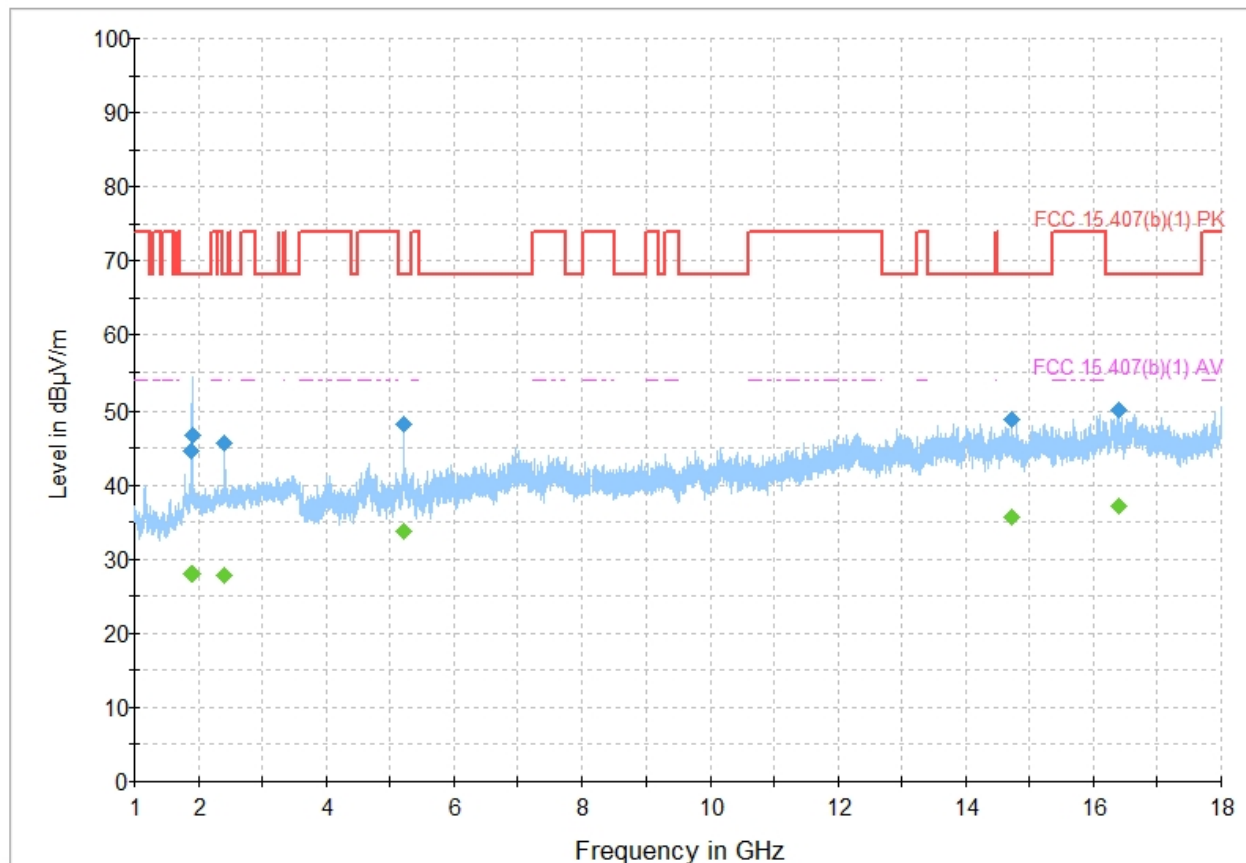


Figure 8.2-8: Radiated emissions spectral plot (1 GHz - 18 GHz) – 5220 MHz (802.11a, 6 Mbps) - Horizontal

Table 8.2-8: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	CAverage (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1896.100000	---	27.96	---	---	5000.0	1000.000	399.0	H	0.0	-5.5
1896.100000	44.65	---	68.23	23.58	5000.0	1000.000	399.0	H	0.0	-5.5
1909.250000	46.73	---	68.23	21.50	5000.0	1000.000	229.0	H	333.0	-5.4
1909.250000	---	28.03	---	---	5000.0	1000.000	229.0	H	333.0	-5.4
2405.350000	45.72	---	68.23	22.51	5000.0	1000.000	119.0	H	338.0	-4.0
2405.350000	---	27.76	---	---	5000.0	1000.000	119.0	H	338.0	-4.0
5218.650000	---	33.80	---	---	5000.0	1000.000	228.0	H	326.0	3.0
5218.650000	48.22	---	68.23	20.01	5000.0	1000.000	228.0	H	326.0	3.0
14722.150000	48.76	---	68.23	19.47	5000.0	1000.000	389.0	H	21.0	18.5
14722.150000	---	35.63	---	---	5000.0	1000.000	389.0	H	21.0	18.5
16389.550000	50.18	---	68.23	18.05	5000.0	1000.000	163.0	H	210.0	23.0
16389.550000	---	37.14	---	---	5000.0	1000.000	163.0	H	210.0	23.0

Notes: ¹ Field strength (dBμV/m) = receiver/spectrum analyzer value (dBμV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

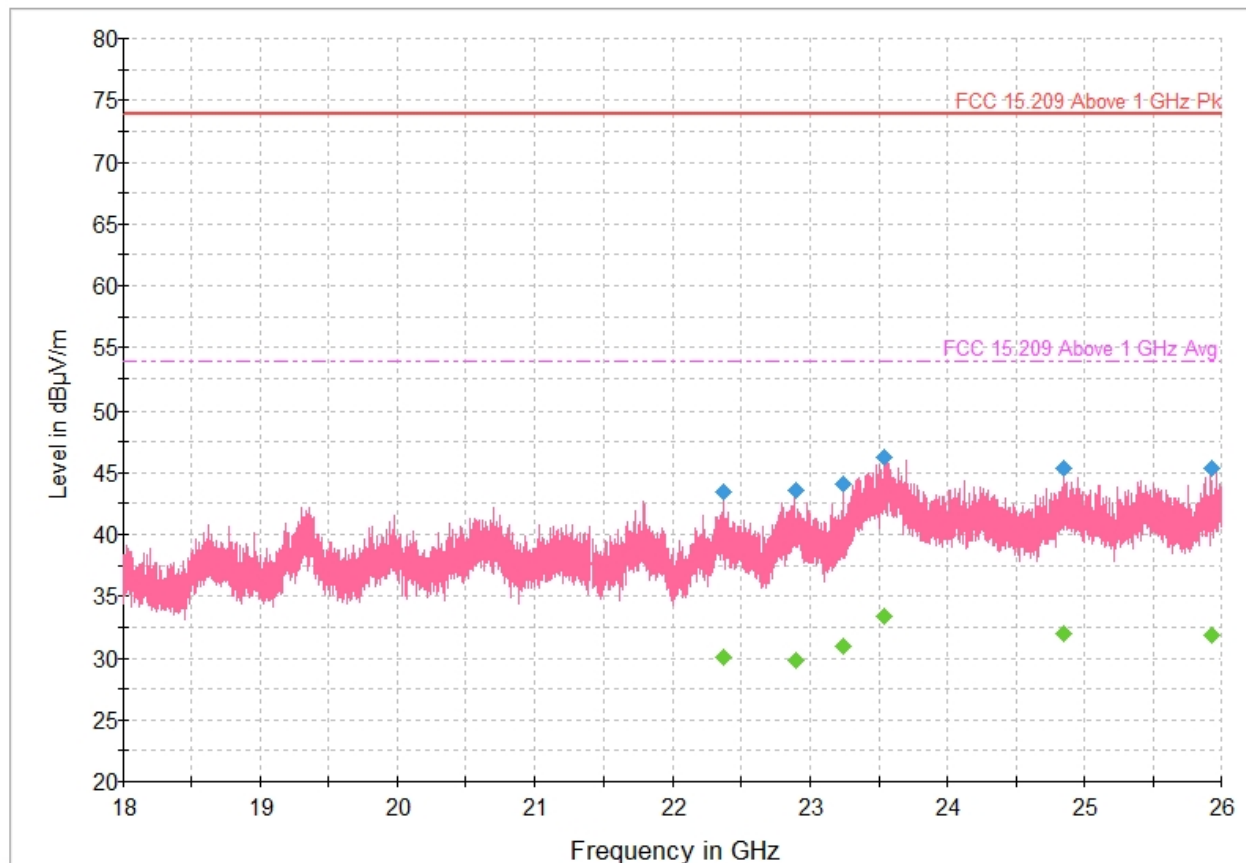


Figure 8.2-9: Radiated emissions spectral plot (18 GHz - 26 GHz) – 5220 MHz (802.11a, 6 Mbps) - Vertical

Table 8.2-9: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
22365.700000	43.39	---	73.90	30.51	5000.0	1000.000	399.0	V	81.0	17.3
22365.700000	---	30.00	53.90	23.90	5000.0	1000.000	399.0	V	81.0	17.3
22891.900000	43.55	---	73.90	30.35	5000.0	1000.000	259.0	V	96.0	19.1
22891.900000	---	29.84	53.90	24.06	5000.0	1000.000	259.0	V	96.0	19.1
23241.300000	---	30.99	53.90	22.91	5000.0	1000.000	399.0	V	0.0	20.2
23241.300000	44.11	---	73.90	29.79	5000.0	1000.000	399.0	V	0.0	20.2
23545.700000	---	33.33	53.90	20.57	5000.0	1000.000	305.0	V	198.0	23.0
23545.700000	46.20	---	73.90	27.70	5000.0	1000.000	305.0	V	198.0	23.0
24855.300000	---	32.00	53.90	21.90	5000.0	1000.000	277.0	V	0.0	21.0
24855.300000	45.31	---	73.90	28.59	5000.0	1000.000	277.0	V	0.0	21.0
25928.700000	---	31.81	53.90	22.09	5000.0	1000.000	214.0	V	94.0	21.6
25928.700000	45.31	---	73.90	28.59	5000.0	1000.000	214.0	V	94.0	21.6

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

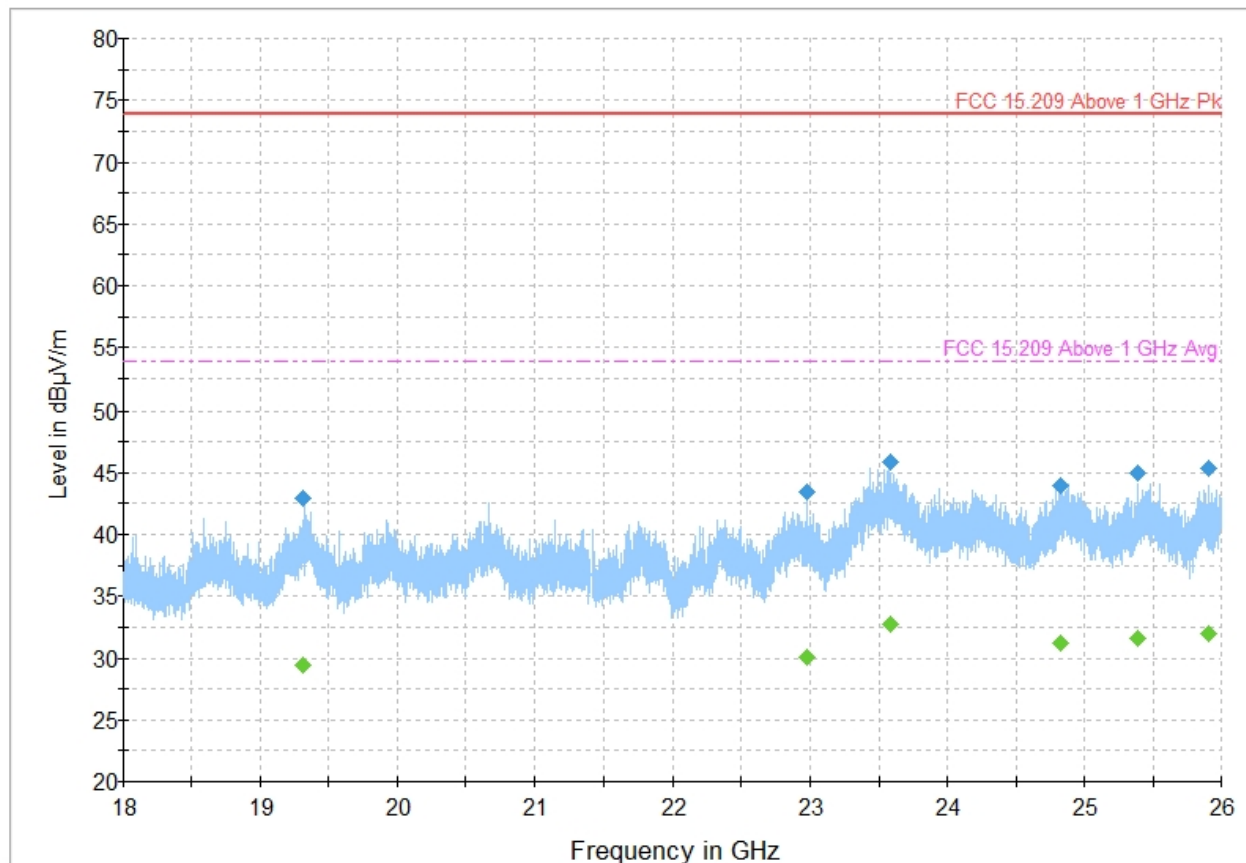


Figure 8.2-10: Radiated emissions spectral plot (18 GHz - 26 GHz) – 5220 MHz (802.11a, 6 Mbps) - Horizontal

Table 8.2-10: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19314.900000	42.92	---	73.90	30.98	5000.0	1000.000	295.0	H	314.0	14.8
19314.900000	---	29.40	53.90	24.50	5000.0	1000.000	295.0	H	314.0	14.8
22982.500000	---	30.05	53.90	23.85	5000.0	1000.000	399.0	H	81.0	18.6
22982.500000	43.40	---	73.90	30.50	5000.0	1000.000	399.0	H	81.0	18.6
23581.300000	45.89	---	73.90	28.01	5000.0	1000.000	298.0	H	22.0	23.2
23581.300000	---	32.70	53.90	21.20	5000.0	1000.000	298.0	H	22.0	23.2
24832.100000	43.92	---	73.90	29.98	5000.0	1000.000	101.0	H	337.0	20.9
24832.100000	---	31.25	53.90	22.65	5000.0	1000.000	101.0	H	337.0	20.9
25393.300000	---	31.60	53.90	22.30	5000.0	1000.000	101.0	H	290.0	20.7
25393.300000	44.92	---	73.90	28.98	5000.0	1000.000	101.0	H	290.0	20.7
25907.500000	45.39	---	73.90	28.51	5000.0	1000.000	101.0	H	248.0	21.5
25907.500000	---	31.97	53.90	21.93	5000.0	1000.000	101.0	H	248.0	21.5

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

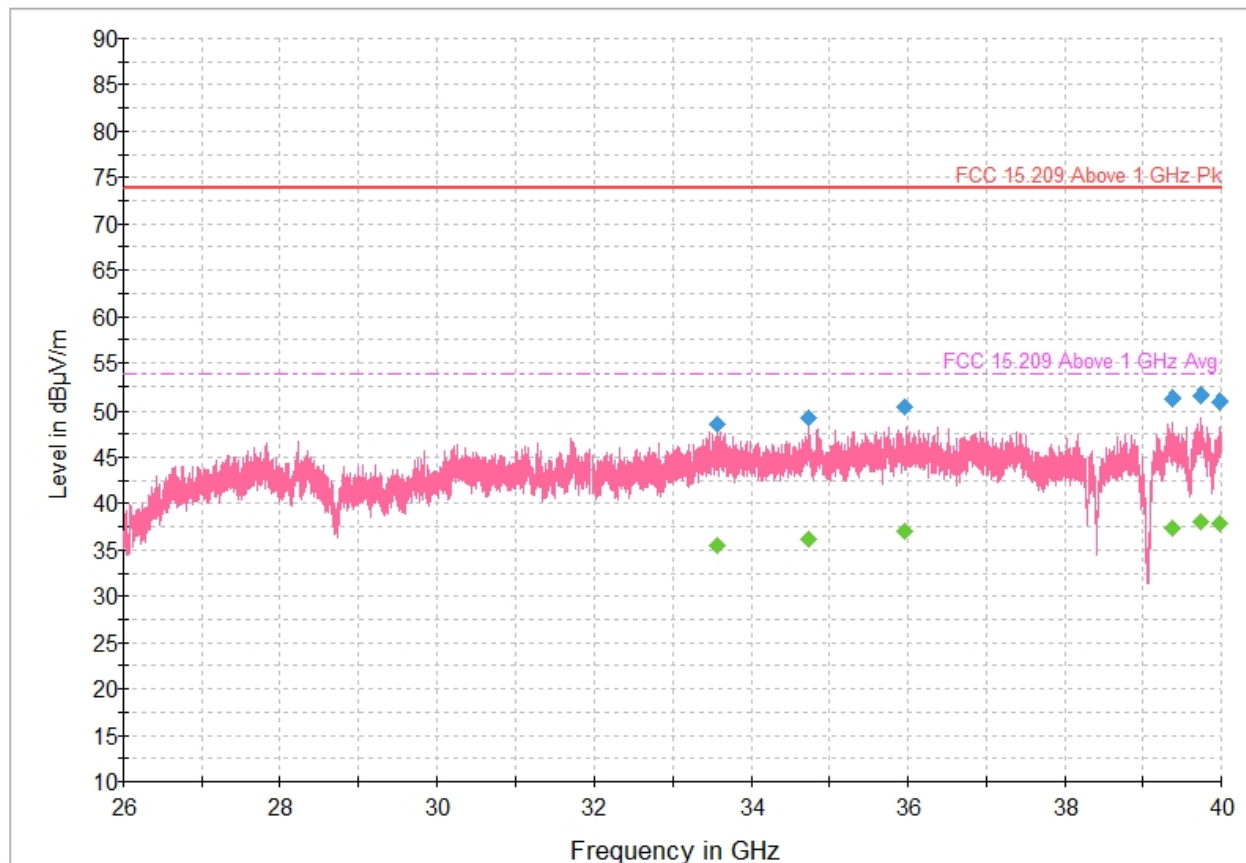


Figure 8.2-11: Radiated emissions spectral plot (26 GHz - 40 GHz) – 5220 MHz (802.11a, 6 Mbps) - Vertical

Table 8.2-11: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33563.950000	48.62	---	73.90	25.28	5000.0	1000.000	191.0	V	306.0	8.9
33563.950000	---	35.48	53.90	18.42	5000.0	1000.000	191.0	V	306.0	8.9
34721.575000	---	36.12	53.90	17.78	5000.0	1000.000	169.0	V	5.0	9.8
34721.575000	49.24	---	73.90	24.66	5000.0	1000.000	169.0	V	5.0	9.8
35959.525000	50.41	---	73.90	23.49	5000.0	1000.000	129.0	V	124.0	10.6
35959.525000	---	36.99	53.90	16.91	5000.0	1000.000	129.0	V	124.0	10.6
39380.275000	51.22	---	73.90	22.68	5000.0	1000.000	139.0	V	22.0	10.6
39380.275000	---	37.27	53.90	16.63	5000.0	1000.000	139.0	V	22.0	10.6
39733.650000	51.61	---	73.90	22.29	5000.0	1000.000	140.0	V	297.0	11.6
39733.650000	---	38.01	53.90	15.89	5000.0	1000.000	140.0	V	297.0	11.6
39989.275000	---	37.92	53.90	15.98	5000.0	1000.000	111.0	V	109.0	11.4
39989.275000	50.88	---	73.90	23.02	5000.0	1000.000	111.0	V	109.0	11.4

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

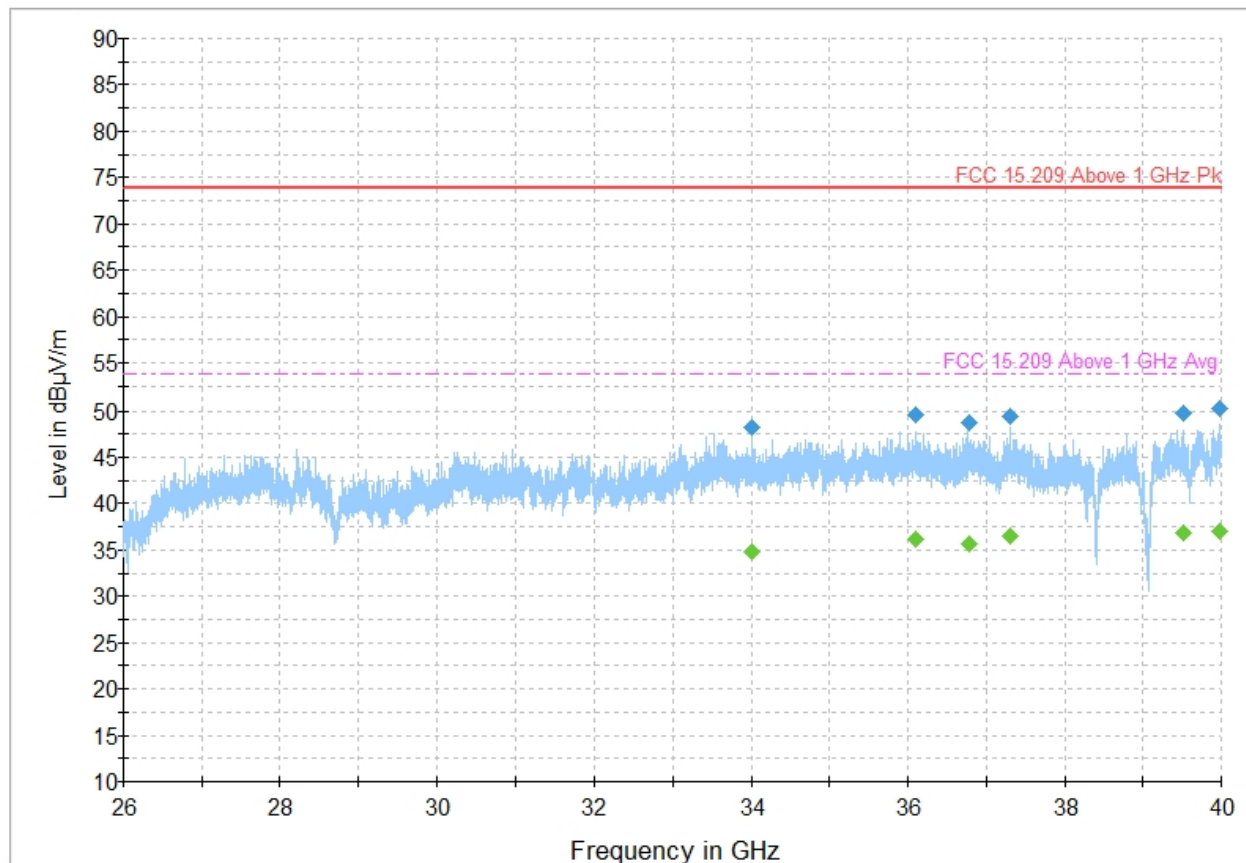


Figure 8.2-12: Radiated emissions spectral plot (26 GHz - 40 GHz) – 5220 MHz (802.11a, 6 Mbps) - Horizontal

Table 8.2-12: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34001.575000	---	34.83	53.90	19.07	5000.0	1000.000	118.0	H	10.0	9.0
34001.575000	48.25	---	73.90	25.65	5000.0	1000.000	118.0	H	10.0	9.0
36090.850000	---	36.15	53.90	17.75	5000.0	1000.000	218.0	H	5.0	10.5
36090.850000	49.52	---	73.90	24.38	5000.0	1000.000	218.0	H	5.0	10.5
36774.325000	48.80	---	73.90	25.10	5000.0	1000.000	279.0	H	328.0	10.4
36774.325000	---	35.68	53.90	18.22	5000.0	1000.000	279.0	H	328.0	10.4
37313.775000	49.48	---	73.90	24.42	5000.0	1000.000	119.0	H	-1.0	10.4
37313.775000	---	36.45	53.90	17.45	5000.0	1000.000	119.0	H	-1.0	10.4
39513.725000	49.66	---	73.90	24.24	5000.0	1000.000	119.0	H	10.0	10.6
39513.725000	---	36.76	53.90	17.14	5000.0	1000.000	119.0	H	10.0	10.6
39985.225000	50.33	---	73.90	23.57	5000.0	1000.000	237.0	H	10.0	11.4
39985.225000	---	37.03	53.90	16.87	5000.0	1000.000	237.0	H	10.0	11.4

Notes: ¹ Field strength (dBµV/m) = receiver/spectrum analyzer value (dBµV) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

End of test report