



FCC RADIO TEST REPORT

FCC ID : HLZA22001
Equipment : Tablet PC
Brand Name : acer
Model Name : A22001
Marketing Name : Iconia Tab P10, P10-11
Applicant : Acer Incorporated
8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22181, Taiwan (R.O.C)
Manufacturer : Hunan Greatwall Computer System Co.,Ltd
Hunan GreatWall Industrial Park, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, China.
Standard : FCC Part 15 Subpart E §15.407

The product was received on Oct. 25, 2022 and testing was performed from Nov. 01, 2022 to Dec. 16, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	3.00 dB under the limit at 5458.720 MHz
3.5	15.207	AC Conducted Emission	Pass	3.02 dB under the limit at 26.000 MHz
3.6	15.203	Antenna Requirement	Pass	-

Declaration of Conformity:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Uncertainty of Evaluation".

Comments and Explanations:

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Lewis Ho**Report Producer: Michelle Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GNSS.

Product Feature	
Antenna Type	WLAN: FPC Antenna Bluetooth: FPC Antenna GPS/Galileo/Glonass: PIFA Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	-0.26
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	0.04
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	0.34

Remark: The EUT's information above is declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	TH02-HY, CO05-HY, 03CH07-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190



1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Note:

- 1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40.
- 2. The above Frequency and Channel with "#" are 802.11ac VHT80.



2.2 Test Mode

The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

The final test modes include the worst data rates for each modulation shown in the table below.

Single Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by VHT20)	MCS0
802.11n HT40 (Covered by VHT40)	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + MPEG4 + Earphone + USB Cable (Charging from AC Adapter)



Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

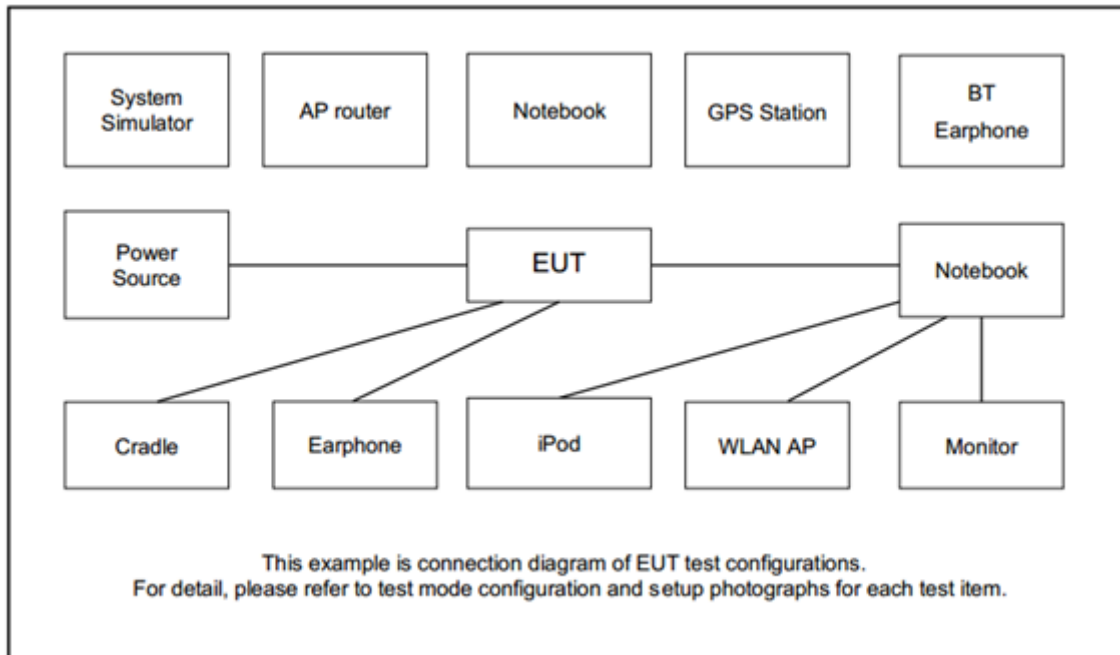
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-

Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
4.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m



2.5 EUT Operation Test Setup

The RF test items, make the EUT (SW: Acer_AV0S0_P10-11_0_006.02_PAPAP_GEN1) get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.2 + 10 = 14.2 \text{ (dB)} \end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

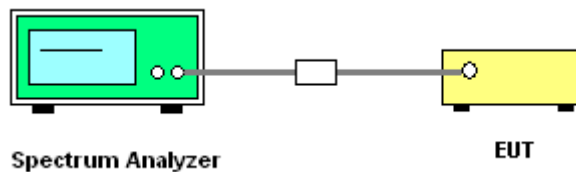
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup

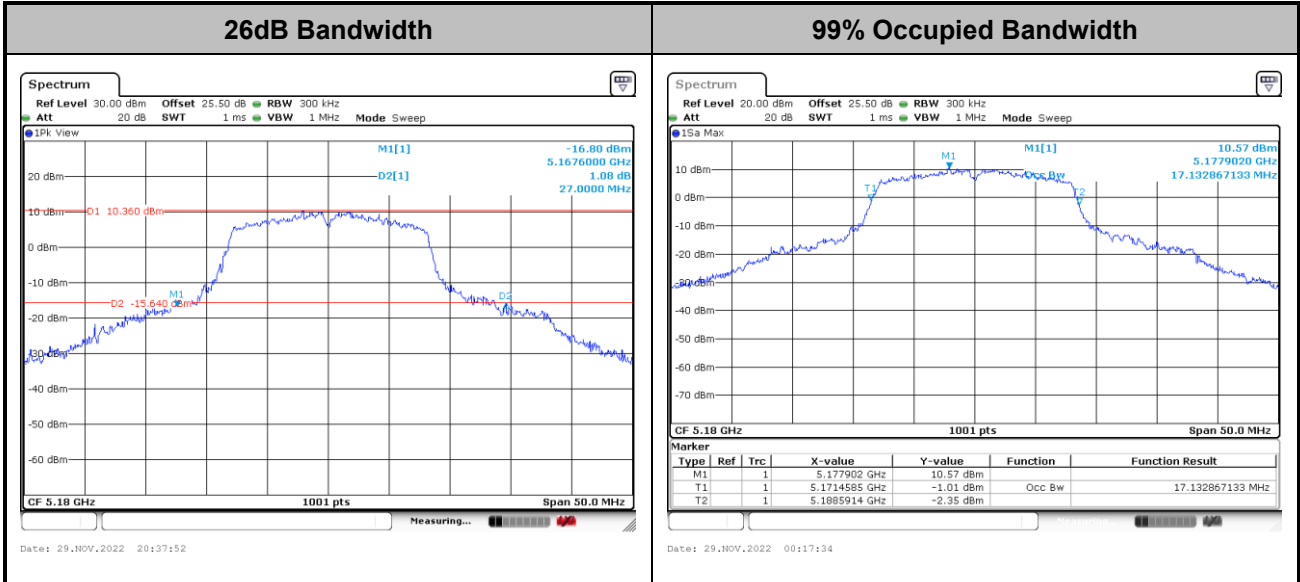


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

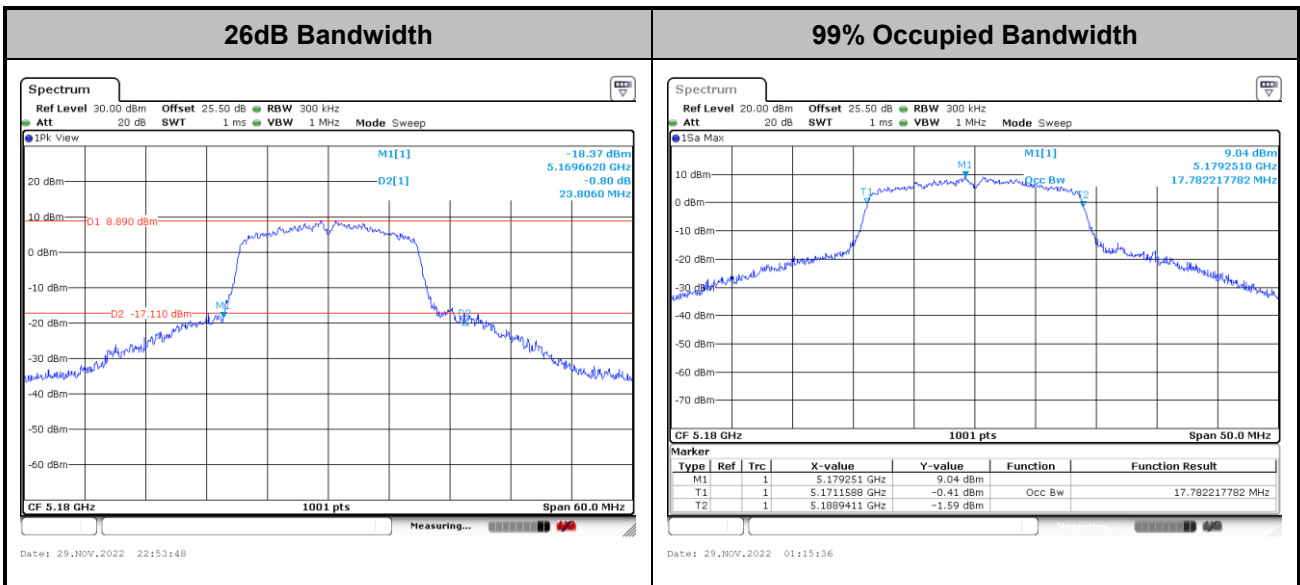


<802.11a>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

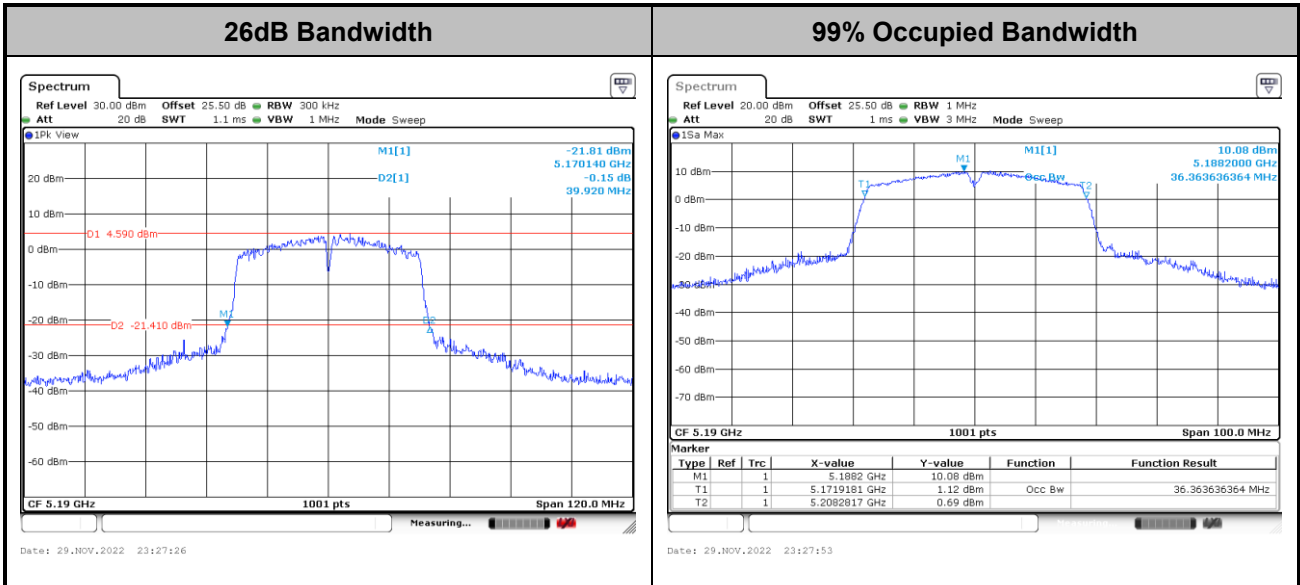
<802.11ac VHT20>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

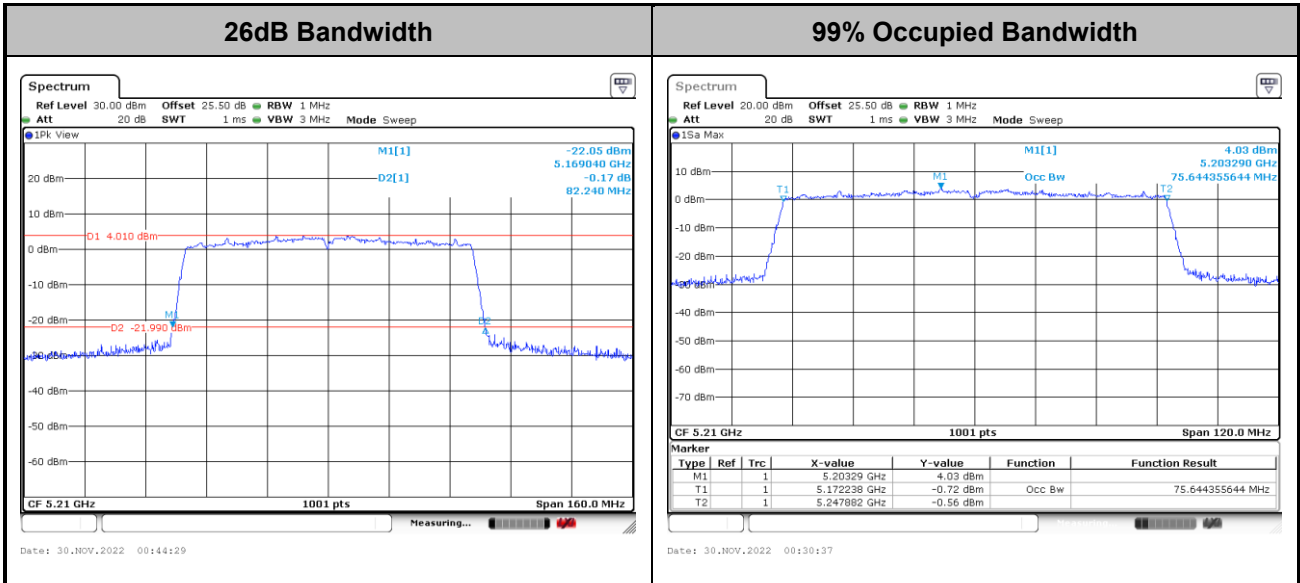


<802.11ac VHT40>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. 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.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

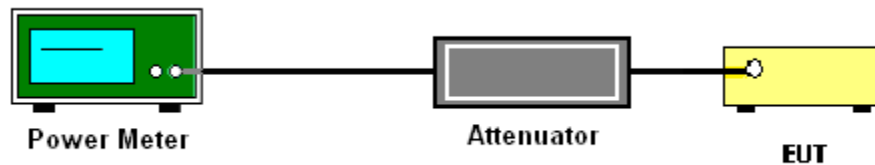
3.2.3 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

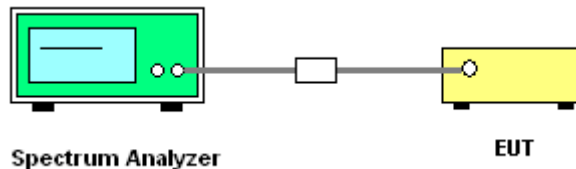
The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

Method SA-3

(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW \geq 3 MHz.
 - Number of points in sweep \geq 2 Span / RBW.
 - Sweep time \leq (number of points in sweep) \times T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Detector = power averaging (rms).
 - Trace mode = max hold.
 - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup

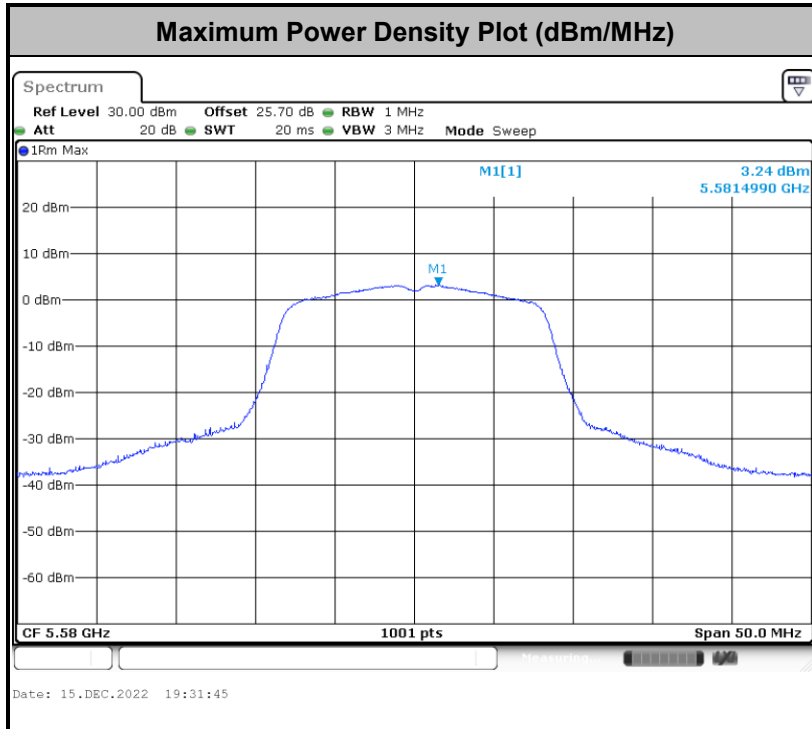


3.3.5 Test Result of Power Spectral Density

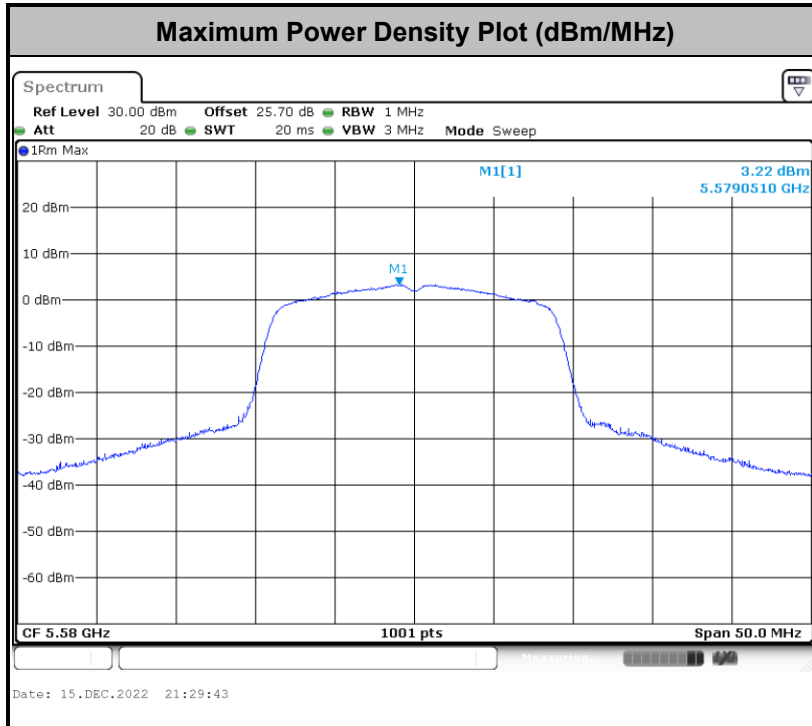
Please refer to Appendix A.



<802.11a>

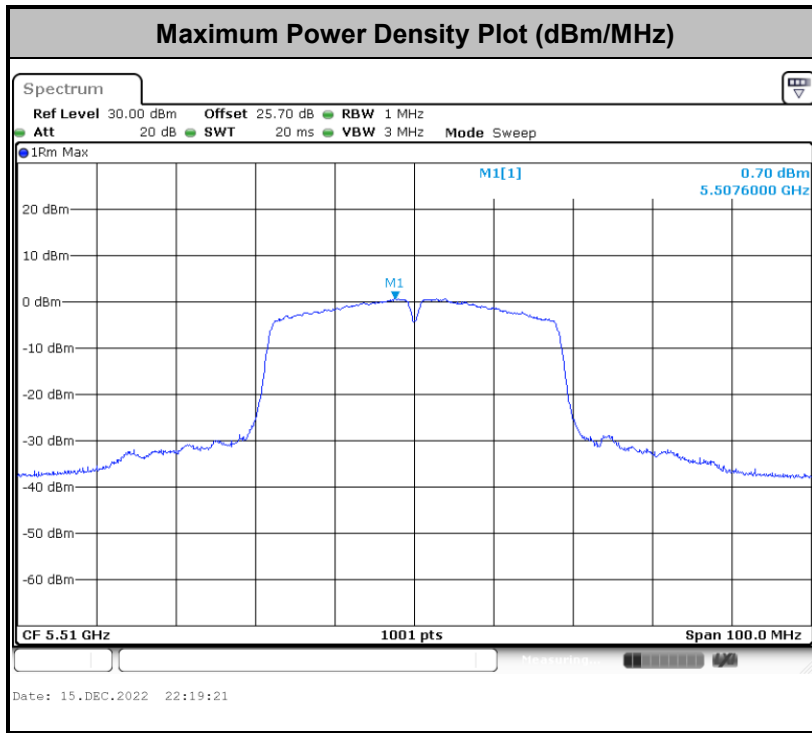


<802.11 ac VHT20>

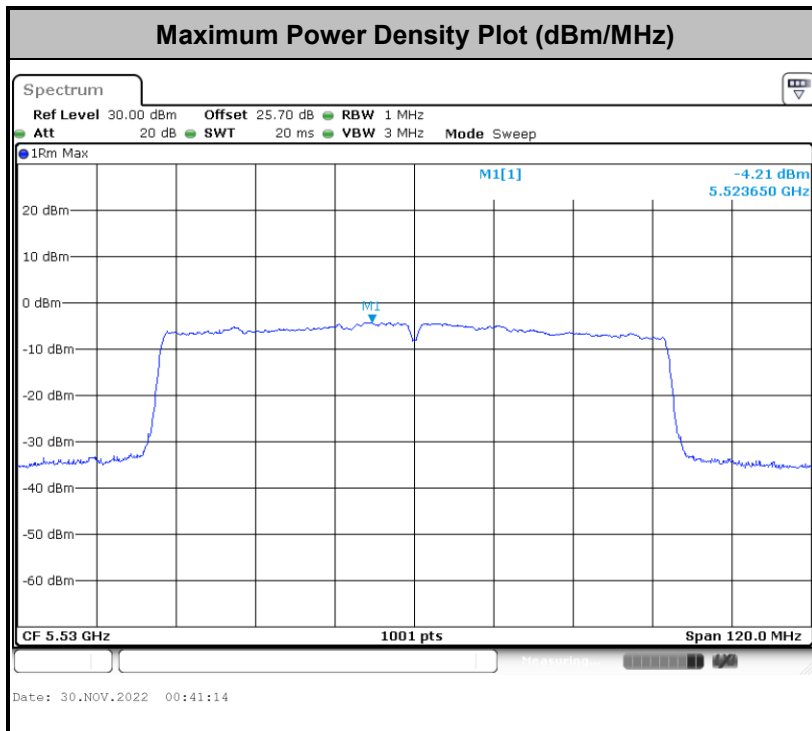




<802.11 ac VHT40>



<802.11 ac VHT80>





3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

(2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$



EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

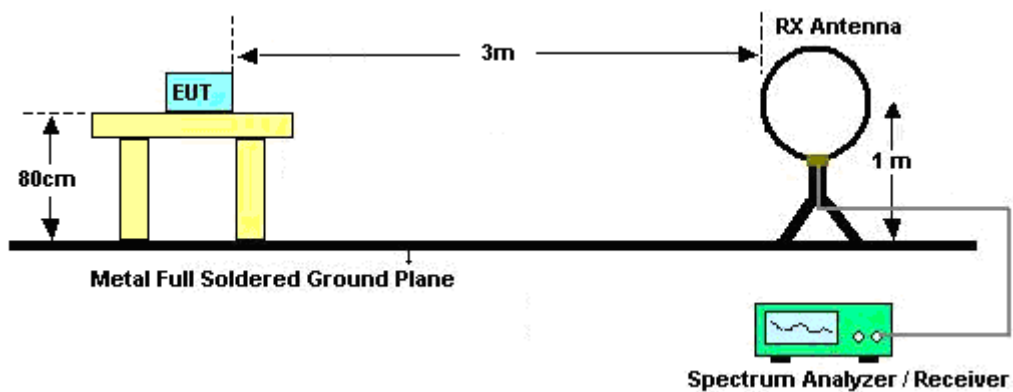
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

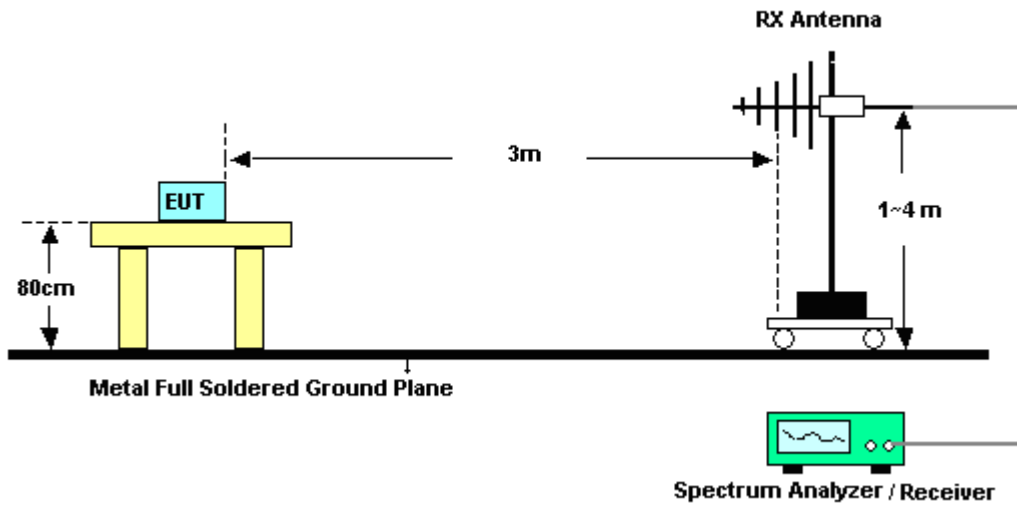
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“.

3.4.4 Test Setup

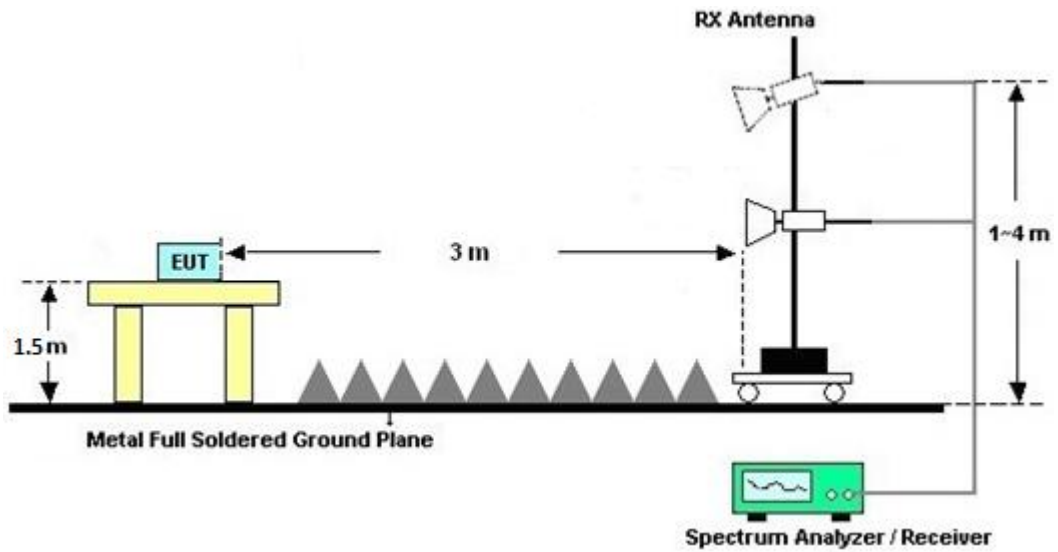
For radiated emissions below 30MHz



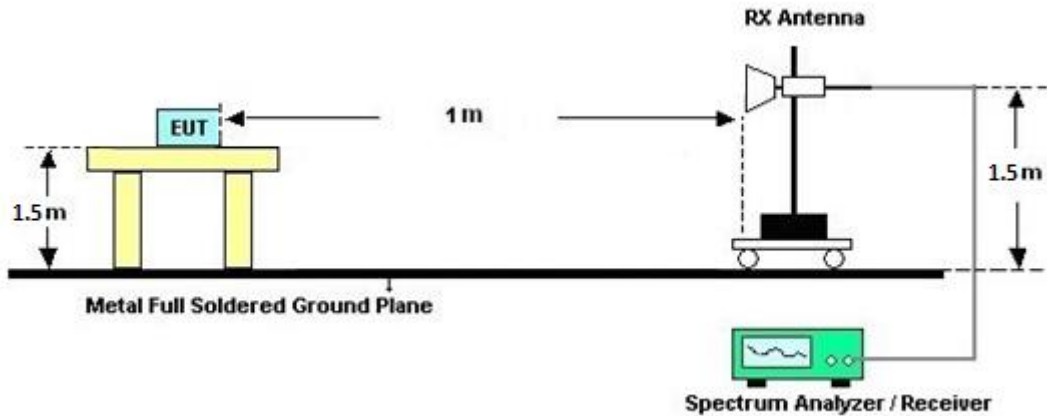
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

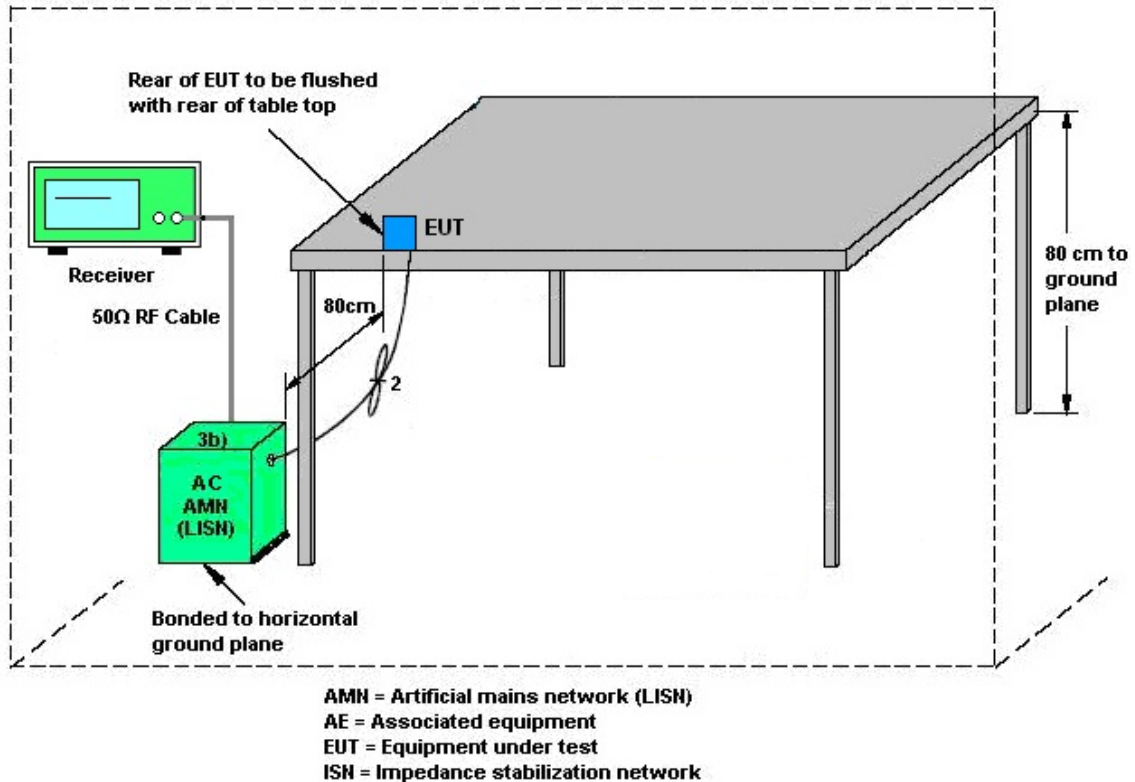
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	TR-32	HE17XB2468	N/A	Mar. 18, 2022	Nov. 01, 2022~ Dec. 16, 2022	Mar. 17, 2023	Conducted (TH02-HY)
USB Power Sensor	DARE	RPR3006W	16I00054SNO 13 (NO:255)	10MHz~6GHz	Dec. 29, 2021	Nov. 01, 2022~ Dec. 16, 2022	Dec. 28, 2022	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz~40GHz	Sep. 13, 2022	Nov. 01, 2022~ Dec. 16, 2022	Sep. 12, 2023	Conducted (TH02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 06, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 06, 2022	Dec. 06, 2022	Oct. 05, 2023	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2022	Dec. 06, 2022	Nov. 16, 2023	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 17, 2022	Dec. 06, 2022	Nov. 16, 2023	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Dec. 06, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 01, 2022	Dec. 06, 2022	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Dec. 06, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35419 & 03	30MHz~1GHz	Apr. 24, 2022	Nov. 19, 2022~ Nov. 28, 2022	Apr. 23, 2023	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 03, 2021	Nov. 19, 2022~ Nov. 28, 2022	Dec. 02, 2022	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Nov. 19, 2022~ Nov. 28, 2022	Sep. 19, 2023	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 21, 2022	Nov. 19, 2022~ Nov. 28, 2022	Apr. 20, 2023	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Nov. 19, 2022~ Nov. 28, 2022	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 03, 2022	Nov. 19, 2022~ Nov. 28, 2022	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 21, 2022	Nov. 19, 2022~ Nov. 28, 2022	Jul. 20, 2023	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2022	Nov. 19, 2022~ Nov. 28, 2022	Jul. 21, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 23, 2022	Nov. 19, 2022~ Nov. 28, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 23, 2022	Nov. 19, 2022~ Nov. 28, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 23, 2022	Nov. 19, 2022~ Nov. 28, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 16, 2022	Nov. 19, 2022~ Nov. 28, 2022	Sep. 15, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 23, 2022	Nov. 19, 2022~ Nov. 28, 2022	Feb. 22, 2023	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Nov. 19, 2022~ Nov. 28, 2022	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Nov. 19, 2022~ Nov. 28, 2022	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Nov. 19, 2022~ Nov. 28, 2022	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Nov. 19, 2022~ Nov. 28, 2022	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Nov. 19, 2022~ Nov. 28, 2022	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 07, 2022	Nov. 19, 2022~ Nov. 28, 2022	Mar. 06, 2023	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	May 27, 2022	Nov. 19, 2022~ Nov. 28, 2022	May 26, 2023	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	01224	18GHz~40GHz	Jul. 05, 2022	Nov. 19, 2022~ Nov. 28, 2022	Jul. 04, 2023	Radiation (03CH07-HY)



5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.5 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.5 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.2 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Junyu Jhou	Temperature:	21~25	°C
Test Date:	2022/11/01~2022/12/16	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.13	-	27.00	-	-	-	22.34	-	
11a	6Mbps	1	44	5220	17.93	-	32.80	-	-	-	22.54	-	
11a	6Mbps	1	48	5240	21.08	-	34.45	-	-	-	23.01	-	
VHT20	MCS0	1	36	5180	17.78	-	23.81	-	-	-	22.50	-	
VHT20	MCS0	1	44	5220	19.13	-	33.00	-	-	-	22.82	-	
VHT20	MCS0	1	48	5240	22.28	-	37.27	-	-	-	23.01	-	
VHT40	MCS0	1	38	5190	36.36	-	39.92	-	-	-	23.01	-	
VHT40	MCS0	1	46	5230	45.65	-	77.92	-	-	-	23.01	-	
VHT80	MCS0	1	42	5210	75.64	-	82.24	-	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	10.70	-		24.00	-	-0.26	-	Pass
11a	6Mbps	1	44	5220	10.80	-		24.00	-	-0.26	-	Pass
11a	6Mbps	1	48	5240	10.60	-		24.00	-	-0.26	-	Pass
HT20	MCS0	1	36	5180	10.40	-		24.00	-	-0.26	-	Pass
HT20	MCS0	1	44	5220	10.60	-		24.00	-	-0.26	-	Pass
HT20	MCS0	1	48	5240	10.40	-		24.00	-	-0.26	-	Pass
HT40	MCS0	1	38	5190	10.70	-		24.00	-	-0.26	-	Pass
HT40	MCS0	1	46	5230	10.40	-		24.00	-	-0.26	-	Pass
VHT20	MCS0	1	36	5180	10.50	-		24.00	-	-0.26	-	Pass
VHT20	MCS0	1	44	5220	10.70	-		24.00	-	-0.26	-	Pass
VHT20	MCS0	1	48	5240	10.50	-		24.00	-	-0.26	-	Pass
VHT40	MCS0	1	38	5190	10.80	-		24.00	-	-0.26	-	Pass
VHT40	MCS0	1	46	5230	10.50	-		24.00	-	-0.26	-	Pass
VHT80	MCS0	1	42	5210	10.80	-		24.00	-	-0.26	-	Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	1.23	-		11.00	-	-0.26	-		Pass
11a	6Mbps	1	44	5220	1.03	-		11.00	-	-0.26	-		Pass
11a	6Mbps	1	48	5240	1.13	-		11.00	-	-0.26	-		Pass
VHT20	MCS0	1	36	5180	0.54	-		11.00	-	-0.26	-		Pass
VHT20	MCS0	1	44	5220	0.43	-		11.00	-	-0.26	-		Pass
VHT20	MCS0	1	48	5240	0.70	-		11.00	-	-0.26	-		Pass
VHT40	MCS0	1	38	5190	-2.15	-		11.00	-	-0.26	-		Pass
VHT40	MCS0	1	46	5230	-2.42	-		11.00	-	-0.26	-		Pass
VHT80	MCS0	1	42	5210	-5.68	-		11.00	-	-0.26	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	20.33	-	33.95	-	23.98	-	30.00	-	23.98	-	
11a	6Mbps	1	60	5300	21.08	-	34.95	-	23.98	-	30.00	-	23.98	-	
11a	6Mbps	1	64	5320	17.73	-	31.20	-	23.49	-	29.49	-	23.98	-	
VHT20	MCS0	1	52	5260	21.48	-	35.88	-	23.98	-	30.00	-	23.98	-	
VHT20	MCS0	1	60	5300	22.23	-	37.94	-	23.98	-	30.00	-	23.98	-	
VHT20	MCS0	1	64	5320	18.63	-	31.87	-	23.70	-	29.70	-	23.98	-	
VHT40	MCS0	1	54	5270	39.16	-	69.97	-	23.98	-	30.00	-	23.98	-	
VHT40	MCS0	1	62	5310	36.46	-	40.31	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.76	-	82.88	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	11.10	-		23.98	-	0.04	-	26.99	Pass
11a	6Mbps	1	60	5300	11.40	-		23.98	-	0.04	-	26.99	Pass
11a	6Mbps	1	64	5320	11.20	-		23.98	-	0.04	-	26.99	Pass
HT20	MCS0	1	52	5260	11.00	-		23.98	-	0.04	-	26.99	Pass
HT20	MCS0	1	60	5300	11.10	-		23.98	-	0.04	-	26.99	Pass
HT20	MCS0	1	64	5320	11.30	-		23.98	-	0.04	-	26.99	Pass
HT40	MCS0	1	54	5270	11.10	-		23.98	-	0.04	-	26.99	Pass
HT40	MCS0	1	62	5310	11.20	-		23.98	-	0.04	-	26.99	Pass
VHT20	MCS0	1	52	5260	11.10	-		23.98	-	0.04	-	26.99	Pass
VHT20	MCS0	1	60	5300	11.20	-		23.98	-	0.04	-	26.99	Pass
VHT20	MCS0	1	64	5320	11.40	-		23.98	-	0.04	-	26.99	Pass
VHT40	MCS0	1	54	5270	11.40	-		23.98	-	0.04	-	26.99	Pass
VHT40	MCS0	1	62	5310	11.30	-		23.98	-	0.04	-	26.99	Pass
VHT80	MCS0	1	58	5290	10.20	-		23.98	-	0.04	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	1.84	-		11.00	-	0.04	-		Pass
11a	6Mbps	1	60	5300	1.93	-		11.00	-	0.04	-		Pass
11a	6Mbps	1	64	5320	1.27	-		11.00	-	0.04	-		Pass
VHT20	MCS0	1	52	5260	1.27	-		11.00	-	0.04	-		Pass
VHT20	MCS0	1	60	5300	1.14	-		11.00	-	0.04	-		Pass
VHT20	MCS0	1	64	5320	1.34	-		11.00	-	0.04	-		Pass
VHT40	MCS0	1	54	5270	-1.45	-		11.00	-	0.04	-		Pass
VHT40	MCS0	1	62	5310	-1.02	-		11.00	-	0.04	-		Pass
VHT80	MCS0	1	58	5290	-5.89	-		11.00	-	0.04	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	18.73	-	32.80	-	23.73	-	29.73	-	23.98	-	----	----
11a	6Mbps	1	116	5580	24.18	-	37.10	-	23.98	-	30.00	-	23.98	-	----	----
11a	6Mbps	1	140	5700	20.78	-	34.40	-	23.98	-	30.00	-	23.98	-	----	----
VHT20	MCS0	1	100	5500	18.33	-	31.61	-	23.63	-	29.63	-	23.98	-	----	----
VHT20	MCS0	1	116	5580	25.52	-	40.82	-	23.98	-	30.00	-	23.98	-	----	----
VHT20	MCS0	1	140	5700	21.93	-	39.53	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	102	5510	36.66	-	49.13	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	110	5550	46.35	-	80.71	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	134	5670	49.75	-	83.20	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	75.64	-	82.24	-	23.98	-	30.00	-	23.98	-	----	----

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	13.20	-		23.98	-	0.34	-	26.99	Pass
11a	6Mbps	1	116	5580	13.20	-		23.98	-	0.34	-	26.99	Pass
11a	6Mbps	1	140	5700	13.20	-		23.98	-	0.34	-	26.99	Pass
HT20	MCS0	1	100	5500	13.00	-		23.98	-	0.34	-	26.99	Pass
HT20	MCS0	1	116	5580	13.20	-		23.98	-	0.34	-	26.99	Pass
HT20	MCS0	1	140	5700	13.10	-		23.98	-	0.34	-	26.99	Pass
HT40	MCS0	1	102	5510	13.30	-		23.98	-	0.34	-	26.99	Pass
HT40	MCS0	1	110	5550	13.10	-		23.98	-	0.34	-	26.99	Pass
HT40	MCS0	1	134	5670	13.30	-		23.98	-	0.34	-	26.99	Pass
VHT20	MCS0	1	100	5500	13.10	-		23.98	-	0.34	-	26.99	Pass
VHT20	MCS0	1	116	5580	13.30	-		23.98	-	0.34	-	26.99	Pass
VHT20	MCS0	1	140	5700	13.20	-		23.98	-	0.34	-	26.99	Pass
VHT40	MCS0	1	102	5510	13.40	-		23.98	-	0.34	-	26.99	Pass
VHT40	MCS0	1	110	5550	13.20	-		23.98	-	0.34	-	26.99	Pass
VHT40	MCS0	1	134	5670	13.40	-		23.98	-	0.34	-	26.99	Pass
VHT80	MCS0	1	106	5530	12.00	-		23.98	-	0.34	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	3.16	-		11.00	-	0.34	-		Pass
11a	6Mbps	1	116	5580	3.24	-		11.00	-	0.34	-		Pass
11a	6Mbps	1	140	5700	3.10	-		11.00	-	0.34	-		Pass
VHT20	MCS0	1	100	5500	2.87	-		11.00	-	0.34	-		Pass
VHT20	MCS0	1	116	5580	3.22	-		11.00	-	0.34	-		Pass
VHT20	MCS0	1	140	5700	2.79	-		11.00	-	0.34	-		Pass
VHT40	MCS0	1	102	5510	0.70	-		11.00	-	0.34	-		Pass
VHT40	MCS0	1	110	5550	0.37	-		11.00	-	0.34	-		Pass
VHT40	MCS0	1	134	5670	0.25	-		11.00	-	0.34	-		Pass
VHT80	MCS0	1	106	5530	-4.21	-		11.00	-	0.34	-		Pass



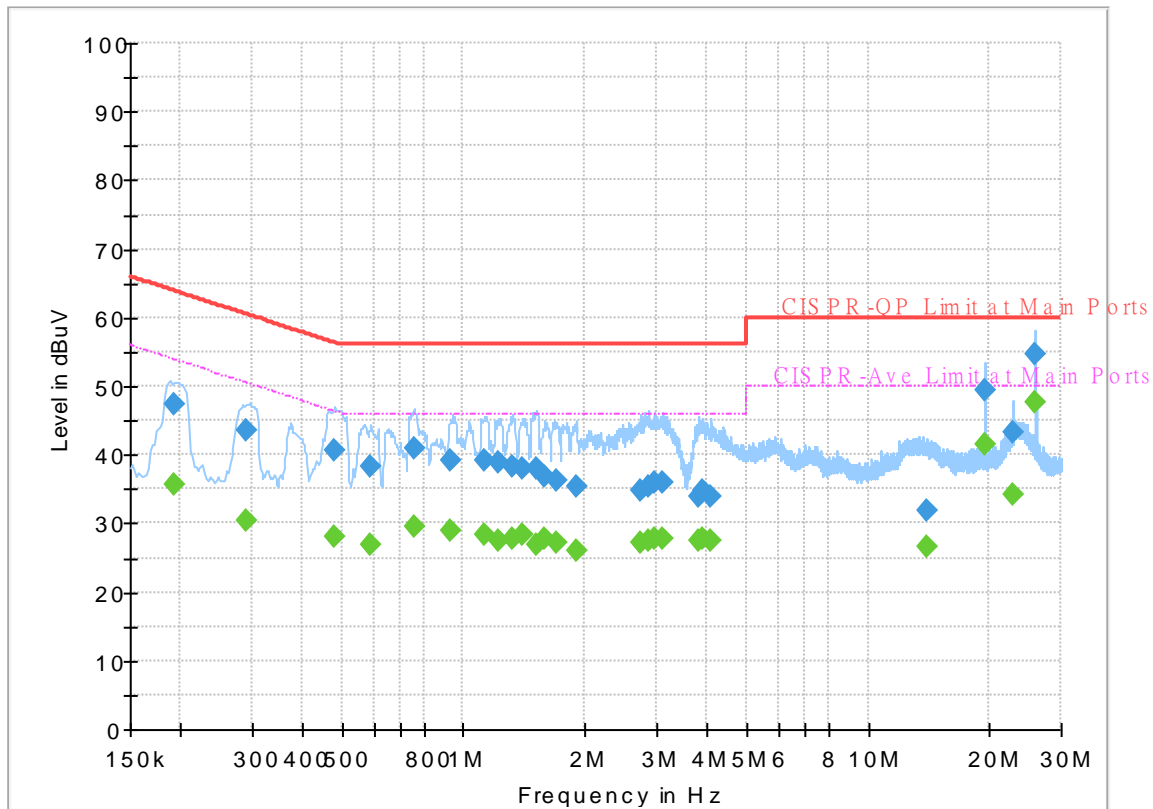
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 202509
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

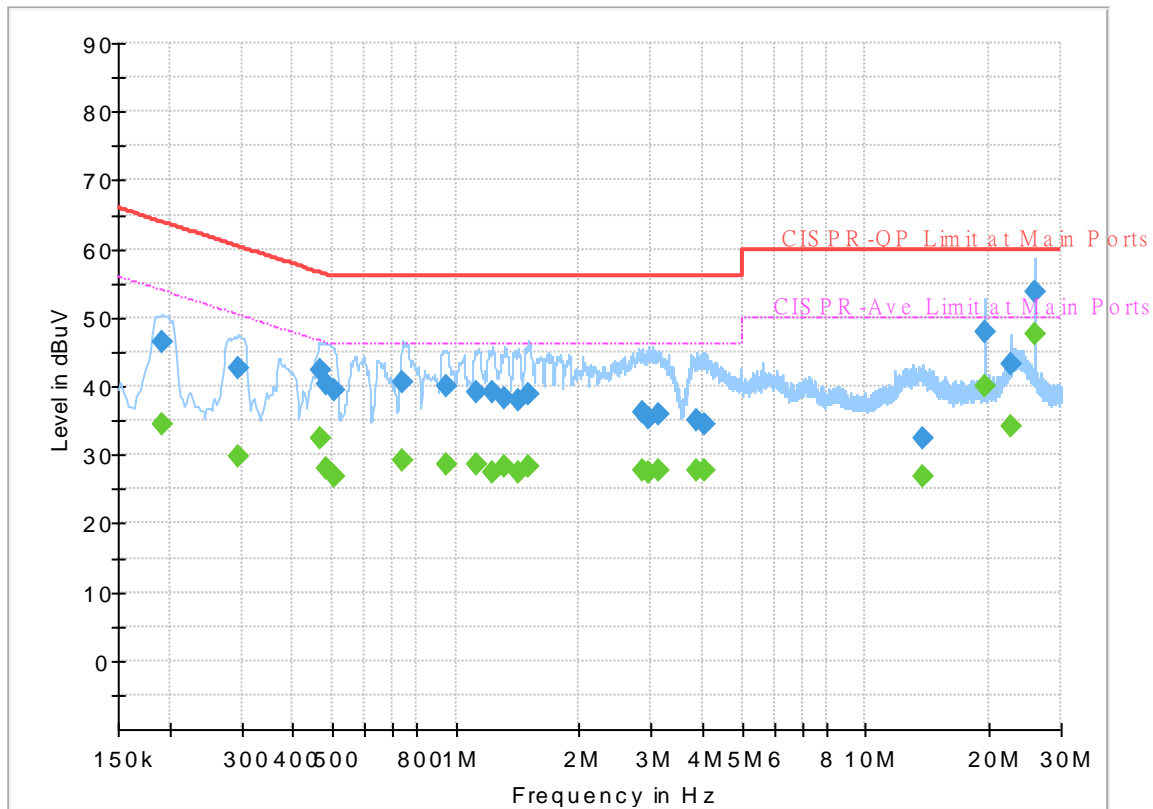
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.192750	---	35.70	53.92	18.22	L1	OFF	19.8
0.192750	47.28	---	63.92	16.64	L1	OFF	19.8
0.291750	---	30.42	50.47	20.05	L1	OFF	19.8
0.291750	43.63	---	60.47	16.84	L1	OFF	19.8
0.480750	---	28.21	46.33	18.12	L1	OFF	19.8
0.480750	40.60	---	56.33	15.73	L1	OFF	19.8
0.591000	---	26.99	46.00	19.01	L1	OFF	19.8
0.591000	38.34	---	56.00	17.66	L1	OFF	19.8
0.753000	---	29.61	46.00	16.39	L1	OFF	19.8
0.753000	40.98	---	56.00	15.02	L1	OFF	19.8
0.928500	---	28.86	46.00	17.14	L1	OFF	19.8
0.928500	39.27	---	56.00	16.73	L1	OFF	19.8
1.128750	---	28.38	46.00	17.62	L1	OFF	19.8
1.128750	39.24	---	56.00	16.76	L1	OFF	19.8
1.223250	---	27.53	46.00	18.47	L1	OFF	19.8
1.223250	38.82	---	56.00	17.18	L1	OFF	19.8
1.317750	---	27.67	46.00	18.33	L1	OFF	19.8
1.317750	38.41	---	56.00	17.59	L1	OFF	19.8
1.405500	---	28.27	46.00	17.73	L1	OFF	19.9
1.405500	37.95	---	56.00	18.05	L1	OFF	19.9
1.515750	---	26.99	46.00	19.01	L1	OFF	19.9

1.515750	38.06	---	56.00	17.94	L1	OFF	19.9
1.585500	---	27.67	46.00	18.33	L1	OFF	19.9
1.585500	36.75	---	56.00	19.25	L1	OFF	19.9
1.704750	---	27.12	46.00	18.88	L1	OFF	19.9
1.704750	36.22	---	56.00	19.78	L1	OFF	19.9
1.893750	---	25.92	46.00	20.08	L1	OFF	19.9
1.893750	35.34	---	56.00	20.66	L1	OFF	19.9
2.728500	---	27.19	46.00	18.81	L1	OFF	19.9
2.728500	34.93	---	56.00	21.07	L1	OFF	19.9
2.863500	---	27.58	46.00	18.42	L1	OFF	19.9
2.863500	35.25	---	56.00	20.75	L1	OFF	19.9
2.969250	---	27.72	46.00	18.28	L1	OFF	19.9
2.969250	35.92	---	56.00	20.08	L1	OFF	19.9
3.111000	---	27.79	46.00	18.21	L1	OFF	19.9
3.111000	35.86	---	56.00	20.14	L1	OFF	19.9
3.817500	---	27.56	46.00	18.44	L1	OFF	20.0
3.817500	34.03	---	56.00	21.97	L1	OFF	20.0
3.912000	---	27.74	46.00	18.26	L1	OFF	20.0
3.912000	34.87	---	56.00	21.13	L1	OFF	20.0
4.103250	---	27.52	46.00	18.48	L1	OFF	20.0
4.103250	33.83	---	56.00	22.17	L1	OFF	20.0
13.996500	---	26.65	50.00	23.35	L1	OFF	20.3
13.996500	31.98	---	60.00	28.02	L1	OFF	20.3
19.500000	---	41.51	50.00	8.49	L1	OFF	20.5
19.500000	49.45	---	60.00	10.55	L1	OFF	20.5
22.749000	---	34.28	50.00	15.72	L1	OFF	20.6
22.749000	43.33	---	60.00	16.67	L1	OFF	20.6
26.000250	---	46.96	50.00	3.04	L1	OFF	20.7
26.000250	54.72	---	60.00	5.28	L1	OFF	20.7

EUT Information

Report NO : 202509
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.192750	---	34.51	53.92	19.41	N	OFF	19.8
0.192750	46.49	---	63.92	17.43	N	OFF	19.8
0.294000	---	29.83	50.41	20.58	N	OFF	19.8
0.294000	42.64	---	60.41	17.77	N	OFF	19.8
0.467250	---	32.47	46.56	14.09	N	OFF	19.8
0.467250	42.26	---	56.56	14.30	N	OFF	19.8
0.483000	---	27.87	46.29	18.42	N	OFF	19.8
0.483000	40.35	---	56.29	15.94	N	OFF	19.8
0.503250	---	26.88	46.00	19.12	N	OFF	19.8
0.503250	39.29	---	56.00	16.71	N	OFF	19.8
0.744000	---	29.30	46.00	16.70	N	OFF	19.8
0.744000	40.72	---	56.00	15.28	N	OFF	19.8
0.944250	---	28.56	46.00	17.44	N	OFF	19.8
0.944250	39.92	---	56.00	16.08	N	OFF	19.8
1.122000	---	28.64	46.00	17.36	N	OFF	19.8
1.122000	39.17	---	56.00	16.83	N	OFF	19.8
1.232250	---	27.37	46.00	18.63	N	OFF	19.8
1.232250	39.02	---	56.00	16.98	N	OFF	19.8
1.317750	---	28.22	46.00	17.78	N	OFF	19.8
1.317750	38.38	---	56.00	17.62	N	OFF	19.8
1.425750	---	27.28	46.00	18.72	N	OFF	19.8

1.425750	38.06	---	56.00	17.94	N	OFF	19.8
1.509000	---	28.28	46.00	17.72	N	OFF	19.8
1.509000	38.92	---	56.00	17.08	N	OFF	19.8
2.856750	---	27.62	46.00	18.38	N	OFF	19.9
2.856750	36.13	---	56.00	19.87	N	OFF	19.9
2.971500	---	27.46	46.00	18.54	N	OFF	19.9
2.971500	35.33	---	56.00	20.67	N	OFF	19.9
3.140250	---	27.67	46.00	18.33	N	OFF	19.9
3.140250	35.81	---	56.00	20.19	N	OFF	19.9
3.889500	---	27.81	46.00	18.19	N	OFF	20.0
3.889500	35.04	---	56.00	20.96	N	OFF	20.0
4.067250	---	27.61	46.00	18.39	N	OFF	20.0
4.067250	34.45	---	56.00	21.55	N	OFF	20.0
13.731000	---	26.78	50.00	23.22	N	OFF	20.4
13.731000	32.31	---	60.00	27.69	N	OFF	20.4
19.500000	---	40.08	50.00	9.92	N	OFF	20.6
19.500000	47.84	---	60.00	12.16	N	OFF	20.6
22.749000	---	34.23	50.00	15.77	N	OFF	20.7
22.749000	43.26	---	60.00	16.74	N	OFF	20.7
26.000070	---	46.98	50.00	3.02	N	OFF	20.8
26.000070	53.86	---	60.00	6.14	N	OFF	20.8



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu and	Temperature :	21.9~24.9°C
	James Chiu	Relative Humidity :	57.7~61.8%

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5147.94	56.14	-17.86	74	45.49	34.1	11.84	35.29	298	60	P	H	
		5150	48.82	-5.18	54	38.17	34.1	11.84	35.29	298	60	A	H	
	*	5180	106.68	-	-	95.84	34.22	11.88	35.26	298	60	P	H	
	*	5180	98.56	-	-	87.72	34.22	11.88	35.26	298	60	A	H	
													H	
													H	
			5148.2	57.48	-16.52	74	46.83	34.1	11.84	35.29	237	355	P	V
			5150	50.54	-3.46	54	39.89	34.1	11.84	35.29	237	355	A	V
	*		5180	108.4	-	-	97.56	34.22	11.88	35.26	237	355	P	V
	*		5180	100.73	-	-	89.89	34.22	11.88	35.26	237	355	A	V
														V
														V
802.11a CH 44 5220MHz		5085.28	50.7	-23.3	74	40.2	34.07	11.77	35.34	400	64	P	H	
		5113.36	41.26	-12.74	54	30.67	34.1	11.8	35.31	400	64	A	H	
	*	5220	107.72	-	-	96.68	34.38	11.91	35.25	400	64	P	H	
	*	5220	100.6	-	-	89.56	34.38	11.91	35.25	400	64	A	H	
			5383	48.69	-25.31	74	37.26	34.67	12	35.24	400	64	P	H
			5356.4	41.25	-12.75	54	29.89	34.61	11.99	35.24	400	64	A	H
			5142.74	50.14	-23.86	74	39.5	34.1	11.83	35.29	207	354	P	V
			5148.72	41.96	-12.04	54	31.31	34.1	11.84	35.29	207	354	A	V
	*		5220	110.99	-	-	99.95	34.38	11.91	35.25	207	354	P	V
	*		5220	102.81	-	-	91.78	34.37	11.91	35.25	207	354	A	V
			5401.2	50.28	-23.72	74	38.81	34.7	12.01	35.24	207	354	P	V
			5385.24	42.62	-11.38	54	31.19	34.67	12	35.24	207	354	A	V



802.11a CH 48 5240MHz		5047.32	49.22	-24.78	74	38.85	34.01	11.72	35.36	400	62	P	H
		5133.9	40.93	-13.07	54	30.31	34.1	11.82	35.3	400	62	A	H
	*	5240	107.15	-	-	96.02	34.46	11.92	35.25	400	62	P	H
	*	5240	101.1	-	-	89.97	34.46	11.92	35.25	400	62	A	H
		5362	49.27	-24.73	74	37.9	34.62	11.99	35.24	400	62	P	H
		5352.2	41.47	-12.53	54	30.13	34.6	11.98	35.24	400	62	A	H
		5051.48	50.85	-23.15	74	40.48	34	11.73	35.36	194	354	P	V
		5124.28	41.46	-12.54	54	30.86	34.1	11.81	35.31	194	354	A	V
	*	5240	110.04	-	-	98.91	34.46	11.92	35.25	194	354	P	V
	*	5240	104.15	-	-	93.02	34.46	11.92	35.25	194	354	A	V
		5362.28	50.33	-23.67	74	38.96	34.62	11.99	35.24	194	354	P	V
		5352.2	42.88	-11.12	54	31.54	34.6	11.98	35.24	194	354	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		11360	45.16	-28.84	74	45.05	38.16	19.2	57.25	-	-	P	H
		15540	47.08	-26.92	74	41.01	40.2	22.61	56.74	-	-	P	H
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			11360	45.03	-28.97	74	44.92	38.16	19.2	57.25	-	-	P
		15540	47.59	-26.41	74	41.52	40.2	22.61	56.74	-	-	P	V
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WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	44.13	-24.07	68.2	46.86	37.52	18.47	58.72	-	-	P	H
		15660	47.02	-26.98	74	40.57	40.32	22.68	56.55	-	-	P	H
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			10440	45.06	-23.14	68.2	47.79	37.52	18.47	58.72	-	-	P
		15660	47.94	-26.06	74	41.49	40.32	22.68	56.55	-	-	P	V
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WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	44.85	-23.35	68.2	47.39	37.64	18.5	58.68	-	-	P	H
		15720	47.89	-26.11	74	41.16	40.46	22.72	56.45	-	-	P	H
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			10480	44.77	-23.43	68.2	47.31	37.64	18.5	58.68	-	-	P
		15720	47.89	-26.11	74	41.16	40.46	22.72	56.45	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 36 5180MHz		5145.6	54.8	-19.2	74	44.15	34.1	11.84	35.29	302	60	P	H	
		5150	47.49	-6.51	54	36.84	34.1	11.84	35.29	302	60	A	H	
	*	5180	103.9	-	-	93.06	34.22	11.88	35.26	302	60	P	H	
	*	5180	96.18	-	-	85.34	34.22	11.88	35.26	302	60	A	H	
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													H	
			5147.16	57.04	-16.96	74	46.39	34.1	11.84	35.29	200	343	P	V
			5150	48.97	-5.03	54	38.32	34.1	11.84	35.29	200	343	A	V
		*	5180	106.33	-	-	95.49	34.22	11.88	35.26	200	343	P	V
		*	5180	98.62	-	-	87.78	34.22	11.88	35.26	200	343	A	V
													V	
													V	
802.11ac VHT20 CH 44 5220MHz		5132.08	49.63	-24.37	74	39.01	34.1	11.82	35.3	400	64	P	H	
		5123.76	41.35	-12.65	54	30.75	34.1	11.81	35.31	400	64	A	H	
		*	5220	106.78	-	-	95.74	34.38	11.91	35.25	400	64	P	H
		*	5220	100.07	-	-	89.03	34.38	11.91	35.25	400	64	A	H
			5415.2	49.54	-24.46	74	38.05	34.7	12.03	35.24	400	64	P	H
			5355.56	41.24	-12.76	54	29.88	34.61	11.99	35.24	400	64	A	H
			5120.9	49.66	-24.34	74	39.06	34.1	11.81	35.31	400	357	P	V
			5097.5	41.45	-12.55	54	30.91	34.09	11.78	35.33	400	357	A	V
		*	5220	110.33	-	-	99.29	34.38	11.91	35.25	400	357	P	V
		*	5220	102.72	-	-	91.68	34.38	11.91	35.25	400	357	A	V
		5388.32	49.65	-24.35	74	38.21	34.68	12	35.24	400	357	P	V	
		5353.88	42	-12	54	30.65	34.61	11.98	35.24	400	357	A	V	



802.11ac VHT20 CH 48 5240MHz		5104.78	49.5	-24.5	74	38.93	34.1	11.79	35.32	400	63	P	H
		5124.28	41.15	-12.85	54	30.55	34.1	11.81	35.31	400	63	A	H
	*	5240	107.02	-	-	95.89	34.46	11.92	35.25	400	63	P	H
	*	5240	100.84	-	-	89.71	34.46	11.92	35.25	400	63	A	H
		5355.56	49.14	-24.86	74	37.78	34.61	11.99	35.24	400	63	P	H
		5354.44	41.64	-12.36	54	30.29	34.61	11.98	35.24	400	63	A	H
		5113.1	49.89	-24.11	74	39.31	34.1	11.8	35.32	193	353	P	V
		5135.98	41.58	-12.42	54	30.95	34.1	11.83	35.3	193	353	A	V
	*	5240	111.01	-	-	99.88	34.46	11.92	35.25	193	353	P	V
	*	5240	103.77	-	-	92.64	34.46	11.92	35.25	193	353	A	V
		5366.2	50.98	-23.02	74	39.6	34.63	11.99	35.24	193	353	P	V
		5353.88	43.01	-10.99	54	31.66	34.61	11.98	35.24	193	353	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 36 5180MHz		10360	44.09	-24.11	68.2	47.17	37.32	18.41	58.81	-	-	P	H	
		15540	45.57	-28.43	74	39.5	40.2	22.61	56.74	-	-	P	H	
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			10360	43.22	-24.98	68.2	46.3	37.32	18.41	58.81	-	-	P	V
			15540	45.89	-28.11	74	39.82	40.2	22.61	56.74	-	-	P	V
														V
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													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 44 5220MHz		10440	43.21	-24.99	68.2	45.94	37.52	18.47	58.72	-	-	P	H
		15660	46.43	-27.57	74	39.98	40.32	22.68	56.55	-	-	P	H
													H
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			10440	44.4	-23.8	68.2	47.13	37.52	18.47	58.72	-	-	P
		15660	46.9	-27.1	74	40.45	40.32	22.68	56.55	-	-	P	V
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Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		5149.5	54.56	-19.44	74	43.91	34.1	11.84	35.29	297	61	P	H
		5150	48.26	-5.74	54	37.61	34.1	11.84	35.29	297	61	A	H
	*	5190	99.26	-	-	88.37	34.26	11.89	35.26	297	61	P	H
	*	5190	92.43	-	-	81.54	34.26	11.89	35.26	297	61	A	H
		5378.52	48.18	-25.82	74	36.76	34.66	12	35.24	297	61	P	H
		5355.28	41.46	-12.54	54	30.1	34.61	11.99	35.24	297	61	A	H
		5148.98	57.11	-16.89	74	46.46	34.1	11.84	35.29	200	347	P	V
		5149.24	50.56	-3.44	54	39.91	34.1	11.84	35.29	200	347	A	V
	*	5190	102.2	-	-	91.31	34.26	11.89	35.26	200	347	P	V
	*	5190	94.84	-	-	83.95	34.26	11.89	35.26	200	347	A	V
		5352.2	50.1	-23.9	74	38.76	34.6	11.98	35.24	200	347	P	V
		5360.88	42.76	-11.24	54	31.39	34.62	11.99	35.24	200	347	A	V
802.11ac VHT40 CH 46 5230MHz		5143	52.12	-21.88	74	41.48	34.1	11.83	35.29	300	54	P	H
		5149.5	46.08	-7.92	54	35.43	34.1	11.84	35.29	300	54	A	H
	*	5230	102.03	-	-	90.94	34.42	11.92	35.25	300	54	P	H
	*	5230	94.96	-	-	83.87	34.42	11.92	35.25	300	54	A	H
		5404.56	48.91	-25.09	74	37.43	34.7	12.02	35.24	300	54	P	H
		5400.64	41.53	-12.47	54	30.06	34.7	12.01	35.24	300	54	A	H
		5148.46	55.19	-18.81	74	44.54	34.1	11.84	35.29	200	346	P	V
		5149.5	48.48	-5.52	54	37.83	34.1	11.84	35.29	200	346	A	V
	*	5230	107.16	-	-	96.07	34.42	11.92	35.25	200	346	P	V
	*	5230	99.81	-	-	88.72	34.42	11.92	35.25	200	346	A	V
	5358.36	50.8	-23.2	74	39.43	34.62	11.99	35.24	200	346	P	V	
	5359.48	43.43	-10.57	54	32.06	34.62	11.99	35.24	200	346	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT40 CH 38 5190MHz		10380	42.19	-26.01	68.2	45.19	37.36	18.43	58.79	-	-	P	H	
		15570	45.46	-28.54	74	39.32	40.2	22.64	56.7	-	-	P	H	
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													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			10380	43.02	-25.18	68.2	46.02	37.36	18.43	58.79	-	-	P	V
			15570	45.39	-28.61	74	39.25	40.2	22.64	56.7	-	-	P	V
														V
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														V
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													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT40 CH 46 5230MHz		10460	43.4	-24.8	68.2	46.03	37.58	18.49	58.7	-	-	P	H	
		15690	46.05	-27.95	74	39.47	40.38	22.7	56.5	-	-	P	H	
													H	
													H	
													H	
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													H	
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													H	
	5230MHz		10460	43.43	-24.77	68.2	46.06	37.58	18.49	58.7	-	-	P	V
			15690	47.53	-26.47	74	40.95	40.38	22.7	56.5	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5150	52.36	-21.64	74	41.71	34.1	11.84	35.29	300	60	P	H
		5149.5	46.78	-7.22	54	36.13	34.1	11.84	35.29	300	60	A	H
	*	5210	92.54	-	-	81.54	34.34	11.91	35.25	300	60	P	H
	*	5210	85.44	-	-	74.44	34.34	11.91	35.25	300	60	A	H
		5369.28	48.79	-25.21	74	37.4	34.64	11.99	35.24	300	60	P	H
		5364.24	42.51	-11.49	54	31.13	34.63	11.99	35.24	300	60	A	H
		5142.22	54.79	-19.21	74	44.15	34.1	11.83	35.29	200	348	P	V
		5149.76	48.93	-5.07	54	38.28	34.1	11.84	35.29	200	348	A	V
	*	5210	95.41	-	-	84.41	34.34	11.91	35.25	200	348	P	V
	*	5210	88.74	-	-	77.74	34.34	11.91	35.25	200	348	A	V
		5364.24	49.03	-24.97	74	37.65	34.63	11.99	35.24	200	348	P	V
	5355.56	43.43	-10.57	54	32.07	34.61	11.99	35.24	200	348	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 42 5210MHz		10420	44.94	-23.26	68.2	47.76	37.46	18.46	58.74	-	-	P	H	
		15630	44.9	-29.1	74	38.57	40.26	22.67	56.6	-	-	P	H	
													H	
													H	
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													H	
													H	
			10420	43.6	-24.6	68.2	46.42	37.46	18.46	58.74	-	-	P	V
			15630	45.14	-28.86	74	38.81	40.26	22.67	56.6	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
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													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5090.3	50.38	-23.62	74	39.86	34.08	11.77	35.33	400	60	P	H
		5120.75	41.05	-12.95	54	30.45	34.1	11.81	35.31	400	60	A	H
	*	5260	107.55	-	-	96.35	34.52	11.93	35.25	400	60	P	H
	*	5260	100.73	-	-	89.53	34.52	11.93	35.25	400	60	A	H
		5355.84	50.77	-23.23	74	39.41	34.61	11.99	35.24	400	60	P	H
		5352	41.58	-12.42	54	30.24	34.6	11.98	35.24	400	60	A	H
		5105.35	49.42	-24.58	74	38.85	34.1	11.79	35.32	100	338	P	V
		5148.05	41.59	-12.41	54	30.94	34.1	11.84	35.29	100	338	A	V
	*	5260	110.23	-	-	99.03	34.52	11.93	35.25	100	338	P	V
	*	5260	103.4	-	-	92.2	34.52	11.93	35.25	100	338	A	V
		5382.72	52.1	-21.9	74	40.67	34.67	12	35.24	100	338	P	V
		5351.52	43.3	-10.7	54	31.96	34.6	11.98	35.24	100	338	A	V
802.11a CH 60 5300MHz		5095.55	49.67	-24.33	74	39.13	34.09	11.78	35.33	300	57	P	H
		5128.1	41.13	-12.87	54	30.51	34.1	11.82	35.3	300	57	A	H
	*	5300	107.43	-	-	96.13	34.6	11.95	35.25	300	57	P	H
	*	5300	100.6	-	-	89.3	34.6	11.95	35.25	300	57	A	H
		5355.6	51.49	-22.51	74	40.13	34.61	11.99	35.24	300	57	P	H
		5350.08	43	-11	54	31.66	34.6	11.98	35.24	300	57	A	H
		5124.95	50.52	-23.48	74	39.92	34.1	11.81	35.31	100	338	P	V
		5131.6	41.82	-12.18	54	31.2	34.1	11.82	35.3	100	338	A	V
	*	5300	111.9	-	-	100.6	34.6	11.95	35.25	100	338	P	V
	*	5300	104.68	-	-	93.38	34.6	11.95	35.25	100	338	A	V
		5350.08	54.66	-19.34	74	43.32	34.6	11.98	35.24	100	338	P	V
		5350.08	46.25	-7.75	54	34.91	34.6	11.98	35.24	100	338	A	V



802.11a CH 64 5320MHz	*	5320	104.58	-	-	93.25	34.6	11.97	35.24	300	57	P	H
	*	5320	98.44	-	-	87.11	34.6	11.97	35.24	300	57	A	H
		5350.4	54.56	-19.44	74	43.22	34.6	11.98	35.24	300	57	P	H
		5350.08	46.03	-7.97	54	34.69	34.6	11.98	35.24	300	57	A	H
													H
													H
	*	5320	109.09	-	-	97.76	34.6	11.97	35.24	200	353	P	V
	*	5320	102.69	-	-	91.36	34.6	11.97	35.24	200	353	A	V
		5353.6	57.4	-16.6	74	46.05	34.61	11.98	35.24	200	353	P	V
		5350.24	49.68	-4.32	54	38.34	34.6	11.98	35.24	200	353	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 52 5260MHz		10520	45.03	-23.17	68.2	47.48	37.66	18.54	58.65	-	-	P	H	
		15780	47.44	-26.56	74	40.4	40.64	22.75	56.35	-	-	P	H	
													H	
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													H	
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													H	
													H	
													H	
													H	
													H	
			10520	45.07	-23.13	68.2	47.52	37.66	18.54	58.65	-	-	P	V
			15780	53.16	-20.84	74	46.12	40.64	22.75	56.35	100	195	P	V
			15780	45.26	-8.74	54	38.22	40.64	22.75	56.35	100	195	A	V
														V
														V
														V
														V
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 60 5300MHz		10600	44.81	-29.19	74	47.29	37.5	18.61	58.59	-	-	P	H	
		15900	60.05	-13.95	74	52.47	40.9	22.83	56.15	100	43	P	H	
		15900	48.97	-5.03	54	41.39	40.9	22.83	56.15	100	43	A	H	
													H	
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													H	
													H	
													H	
			10600	44.42	-29.58	74	46.9	37.5	18.61	58.59	-	-	P	V
			15900	62.21	-11.79	74	54.63	40.9	22.83	56.15	300	132	P	V
		15900	50.69	-3.31	54	43.11	40.9	22.83	56.15	300	132	A	V	
													V	
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													V	
													V	
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													V	
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WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 64 5320MHz		10640	45.06	-28.94	74	47.48	37.5	18.64	58.56	-	-	P	H	
		15960	55.12	-18.88	74	47.36	40.96	22.86	56.06	200	42	P	H	
		15960	46	-8	54	38.24	40.96	22.86	56.06	200	42	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			10640	46.29	-27.71	74	48.71	37.5	18.64	58.56	-	-	P	V
			15960	56.67	-17.33	74	48.91	40.96	22.86	56.06	400	229	P	V
			15960	48.55	-5.45	54	40.79	40.96	22.86	56.06	400	229	A	V
														V
														V
														V
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													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only 													



Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		5103.6	50.01	-23.99	74	39.44	34.1	11.79	35.32	400	69	P	H
		5107.8	41.02	-12.98	54	30.45	34.1	11.79	35.32	400	69	A	H
	*	5260	106.07	-	-	94.87	34.52	11.93	35.25	400	69	P	H
	*	5260	99.36	-	-	88.16	34.52	11.93	35.25	400	69	A	H
		5364.24	50.94	-23.06	74	39.56	34.63	11.99	35.24	400	69	P	H
		5357.52	41.75	-12.25	54	30.38	34.62	11.99	35.24	400	69	A	H
		5139.65	50.85	-23.15	74	40.22	34.1	11.83	35.3	100	338	P	V
		5148.05	41.98	-12.02	54	31.33	34.1	11.84	35.29	100	338	A	V
	*	5260	109.64	-	-	98.44	34.52	11.93	35.25	100	338	P	V
	*	5260	102.44	-	-	91.24	34.52	11.93	35.25	100	338	A	V
		5355.6	51.74	-22.26	74	40.38	34.61	11.99	35.24	100	338	P	V
		5350.32	43.29	-10.71	54	31.95	34.6	11.98	35.24	100	338	A	V
802.11ac VHT20 CH 60 5300MHz		5047.6	49.76	-24.24	74	39.4	34	11.72	35.36	300	57	P	H
		5133	41.26	-12.74	54	30.64	34.1	11.82	35.3	300	57	A	H
	*	5300	106.89	-	-	95.59	34.6	11.95	35.25	300	57	P	H
	*	5300	100.24	-	-	88.94	34.6	11.95	35.25	300	57	A	H
		5350.8	53.02	-20.98	74	41.68	34.6	11.98	35.24	300	57	P	H
		5350.32	43.34	-10.66	54	32	34.6	11.98	35.24	300	57	A	H
		5138.25	49.83	-24.17	74	39.2	34.1	11.83	35.3	200	356	P	V
		5133.35	41.67	-12.33	54	31.05	34.1	11.82	35.3	200	356	A	V
	*	5300	111.34	-	-	100.04	34.6	11.95	35.25	200	356	P	V
	*	5300	104.03	-	-	92.73	34.6	11.95	35.25	200	356	A	V
	5350.8	58.99	-15.01	74	47.65	34.6	11.98	35.24	200	356	P	V	
	5350.8	46.6	-7.4	54	35.26	34.6	11.98	35.24	200	356	A	V	



802.11ac VHT20 CH 64 5320MHz	*	5320	102.77	-	-	91.44	34.6	11.97	35.24	400	62	P	H
	*	5320	96.47	-	-	85.14	34.6	11.97	35.24	400	62	A	H
		5351.84	54.87	-19.13	74	43.53	34.6	11.98	35.24	400	62	P	H
		5350.24	46.83	-7.17	54	35.49	34.6	11.98	35.24	400	62	A	H
													H
													H
	*	5320	107.67	-	-	96.34	34.6	11.97	35.24	100	337	P	V
	*	5320	100.93	-	-	89.6	34.6	11.97	35.24	100	337	A	V
		5351.04	56.97	-17.03	74	45.63	34.6	11.98	35.24	100	337	P	V
		5350.08	49.68	-4.32	54	38.34	34.6	11.98	35.24	100	337	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 52 5260MHz		10520	43.6	-24.6	68.2	46.05	37.66	18.54	58.65	-	-	P	H	
		15780	49.49	-24.51	74	42.45	40.64	22.75	56.35	355	302	P	H	
		15780	41.74	-12.26	54	34.7	40.64	22.75	56.35	355	302	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			10520	43.49	-24.71	68.2	45.94	37.66	18.54	58.65	-	-	P	V
			15780	51.22	-22.78	74	44.18	40.64	22.75	56.35	300	130	P	V
			15780	43.24	-10.76	54	36.2	40.64	22.75	56.35	300	130	A	V
														V
														V
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														V
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 60 5300MHz		10600	42.79	-31.21	74	45.27	37.5	18.61	58.59	-	-	P	H	
		15900	55.26	-18.74	74	47.68	40.9	22.83	56.15	240	222	P	H	
		15900	48.12	-5.88	54	40.54	40.9	22.83	56.15	240	222	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			10600	43.48	-30.52	74	45.96	37.5	18.61	58.59	-	-	P	V
			15900	58.74	-15.26	74	51.16	40.9	22.83	56.15	300	135	P	V
			15900	49.31	-4.69	54	41.73	40.9	22.83	56.15	300	135	A	V
														V
														V
														V
														V
														V
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 64 5320MHz		10641	42.98	-31.02	74	45.4	37.5	18.64	58.56	-	-	P	H	
		15960	51.31	-22.69	74	43.55	40.96	22.86	56.06	232	218	P	H	
		15960	44.62	-9.38	54	36.86	40.96	22.86	56.06	232	218	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			10640	43.64	-30.36	74	46.06	37.5	18.64	58.56	-	-	P	V
			15960	53.71	-20.29	74	45.95	40.96	22.86	56.06	251	220	P	V
			15960	45.87	-8.13	54	38.11	40.96	22.86	56.06	251	220	A	V
														V
														V
														V
														V
														V
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 54 5270MHz		5141.75	50.56	-23.44	74	39.92	34.1	11.83	35.29	300	70	P	H
		5149.8	42.49	-11.51	54	31.84	34.1	11.84	35.29	300	70	A	H
	*	5270	103.68	-	-	92.45	34.54	11.94	35.25	300	70	P	H
	*	5270	96.38	-	-	85.15	34.54	11.94	35.25	300	70	A	H
		5355.84	51.3	-22.7	74	39.94	34.61	11.99	35.24	300	70	P	H
		5351.28	43.92	-10.08	54	32.58	34.6	11.98	35.24	300	70	A	H
		5148.75	51.56	-22.44	74	40.91	34.1	11.84	35.29	200	346	P	V
		5148.75	42.83	-11.17	54	32.18	34.1	11.84	35.29	200	346	A	V
	*	5270	106.72	-	-	95.49	34.54	11.94	35.25	200	346	P	V
	*	5270	100.45	-	-	89.22	34.54	11.94	35.25	200	346	A	V
		5352	55.93	-18.07	74	44.59	34.6	11.98	35.24	200	346	P	V
		5351.28	47.52	-6.48	54	36.18	34.6	11.98	35.24	200	346	A	V
802.11ac VHT40 CH 62 5310MHz		5103.95	49.76	-24.24	74	39.19	34.1	11.79	35.32	400	61	P	H
		5116.9	41.57	-12.43	54	30.98	34.1	11.8	35.31	400	61	A	H
	*	5310	96.06	-	-	84.74	34.6	11.96	35.24	400	61	P	H
	*	5310	89.09	-	-	77.77	34.6	11.96	35.24	400	61	A	H
		5352.24	54.15	-19.85	74	42.81	34.6	11.98	35.24	400	61	P	H
		5350.56	46.8	-7.2	54	35.46	34.6	11.98	35.24	400	61	A	H
		5075.25	49.73	-24.27	74	39.26	34.05	11.76	35.34	100	335	P	V
		5129.5	41.62	-12.38	54	31	34.1	11.82	35.3	100	335	A	V
	*	5310	101.99	-	-	90.67	34.6	11.96	35.24	100	335	P	V
	*	5310	95.29	-	-	83.97	34.6	11.96	35.24	100	335	A	V
	5352.96	58.55	-15.45	74	47.2	34.61	11.98	35.24	100	335	P	V	
	5350.56	49.37	-4.63	54	38.03	34.6	11.98	35.24	100	335	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT40 CH 54 5270MHz		10540	42.6	-25.6	68.2	45.06	37.62	18.55	58.63	-	-	P	H	
		15810	47.76	-26.24	74	40.57	40.72	22.77	56.3	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			10540	43.29	-24.91	68.2	45.75	37.62	18.55	58.63	-	-	P	V
			15810	49.57	-24.43	74	42.38	40.72	22.77	56.3	266	228	P	V
			15810	41.49	-12.51	54	34.3	40.72	22.77	56.3	266	228	A	V
														V
														V
														V
														V
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 62 5310MHz		10620	43.51	-30.49	74	45.96	37.5	18.62	58.57	-	-	P	H
		15930	47.19	-26.81	74	39.51	40.93	22.85	56.1	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.											



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1, Note, Frequency (MHz), Level (dBµV/m), Margin (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for frequencies like 5117.25, 5113.05, 5290, 5352.96, 5350.56, 5087.85, 5141.4, 5290, 5290, 5359.44, 5350.08. A Remark section at the bottom states: '1. No other spurious found. 2. All results are PASS against Peak and Average limit line.'



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 58 5290MHz		10580	42.52	-25.68	68.2	44.99	37.54	18.59	58.6	-	-	P	H	
		15870	47.49	-26.51	74	40.04	40.84	22.81	56.2	-	-	P	H	
													H	
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													H	
			10580	41.89	-26.31	68.2	44.36	37.54	18.59	58.6	-	-	P	V
			15870	47.98	-26.02	74	40.53	40.84	22.81	56.2	-	-	P	V
													V	
													V	
													V	
													V	
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 100 5500MHz		5459.44	50.69	-23.31	74	39.15	34.7	12.08	35.24	190	243	P	H	
		5469.2	56.9	-11.3	68.2	45.35	34.7	12.09	35.24	190	243	P	H	
		5460	43.66	-10.34	54	32.12	34.7	12.08	35.24	190	243	A	H	
	*	5500	102.05	-	-	90.47	34.7	12.12	35.24	190	243	P	H	
	*	5500	96.13	-	-	84.55	34.7	12.12	35.24	190	243	A	H	
														H
			5457.52	57.7	-16.3	74	46.16	34.7	12.08	35.24	164	360	P	V
			5468.88	61.09	-7.11	68.2	49.54	34.7	12.09	35.24	164	360	P	V
			5460	48.47	-5.53	54	36.93	34.7	12.08	35.24	164	360	A	V
	*		5500	108.42	-	-	96.84	34.7	12.12	35.24	164	360	P	V
	*		5500	102.18	-	-	90.6	34.7	12.12	35.24	164	360	A	V
														V
802.11a CH 116 5580MHz		5422.24	49.05	-24.95	74	37.55	34.7	12.04	35.24	300	300	P	H	
		5464	48.76	-19.44	68.2	37.22	34.7	12.08	35.24	300	300	P	H	
		5452	40.43	-13.57	54	28.9	34.7	12.07	35.24	300	300	A	H	
	*	5580	101.96	-	-	90.27	34.7	12.22	35.23	300	300	P	H	
	*	5580	95.89	-	-	84.2	34.7	12.22	35.23	300	300	A	H	
			5725	49.01	-19.19	68.2	36.83	35.05	12.3	35.17	300	300	P	H
			5418.64	49.77	-24.23	74	38.28	34.7	12.03	35.24	147	360	P	V
			5461.12	49.62	-18.58	68.2	38.08	34.7	12.08	35.24	147	360	P	V
			5415.52	42.07	-11.93	54	30.58	34.7	12.03	35.24	147	360	A	V
	*		5580	108.26	-	-	96.57	34.7	12.22	35.23	147	360	P	V
	*		5580	101.89	-	-	90.2	34.7	12.22	35.23	147	360	A	V
			5742.635	49.87	-18.33	68.2	37.58	35.16	12.3	35.17	147	360	P	V



802.11a CH 140 5700MHz	*	5700	98.58	-	-	86.58	34.9	12.28	35.18	382	39	P	H
	*	5700	91.92	-	-	79.92	34.9	12.28	35.18	382	39	A	H
		5725.16	54.78	-13.42	68.2	42.6	35.05	12.3	35.17	382	39	P	H
													H
													H
													H
	*	5700	104.48	-	-	92.48	34.9	12.28	35.18	165	6	P	V
	*	5700	97.74	-	-	85.74	34.9	12.28	35.18	165	6	A	V
		5727.4	61.58	-6.62	68.2	49.39	35.06	12.3	35.17	165	6	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	43.75	-30.25	74	45.13	38	18.91	58.29	-	-	P	H
		16500	56.18	-12.02	68.2	47.09	42.1	23.3	56.31	-	-	P	H
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													H
			11000	44.34	-29.66	74	45.72	38	18.91	58.29	-	-	P
		16500	53.29	-14.91	68.2	44.2	42.1	23.3	56.31	-	-	P	V
													V
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WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	48.4	-25.6	74	49.33	37.86	19.04	57.83	-	-	P	H
		16740	53.31	-14.89	68.2	43.87	42.14	23.49	56.19	-	-	P	H
													H
													H
													H
													H
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													H
			11160	51.68	-22.32	74	52.61	37.86	19.04	57.83	395	210	P
		11160	44.09	-9.91	54	45.02	37.86	19.04	57.83	395	210	A	V
		16740	52.25	-15.95	68.2	42.81	42.14	23.49	56.19	-	-	P	V
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WiFi Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		11400	47.73	-26.27	74	47.44	38.2	19.23	57.14	-	-	P	H
		17100	58.08	-10.12	68.2	48.59	41.6	23.79	55.9	-	-	P	H
													H
													H
													H
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													H
			11400	50.14	-23.86	74	49.85	38.2	19.23	57.14	200	123	P
		11400	40.8	-13.2	54	40.51	38.2	19.23	57.14	200	123	A	V
		17100	55.14	-13.06	68.2	45.65	41.6	23.79	55.9	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 100 5500MHz		5453.84	52.72	-21.28	74	41.19	34.7	12.07	35.24	400	44	P	H	
		5470	58.18	-10.02	68.2	46.63	34.7	12.09	35.24	400	44	P	H	
		5459.76	44.43	-9.57	54	32.89	34.7	12.08	35.24	400	44	A	H	
	*	5500	98.66	-	-	87.08	34.7	12.12	35.24	400	44	P	H	
	*	5500	93.28	-	-	81.7	34.7	12.12	35.24	400	44	A	H	
														H
			5458.16	58.76	-15.24	74	47.22	34.7	12.08	35.24	152	357	P	V
			5466.8	62.45	-5.75	68.2	50.9	34.7	12.09	35.24	152	357	P	V
			5459.76	48.18	-5.82	54	36.64	34.7	12.08	35.24	152	357	A	V
	*		5500	105.81	-	-	94.23	34.7	12.12	35.24	152	357	P	V
	*		5500	100.68	-	-	89.1	34.7	12.12	35.24	152	357	A	V
													V	
802.11ac VHT20 CH 116 5580MHz		5452.48	49.17	-24.83	74	37.64	34.7	12.07	35.24	400	42	P	H	
		5464.24	48.52	-19.68	68.2	36.98	34.7	12.08	35.24	400	42	P	H	
		5459.44	41.08	-12.92	54	29.54	34.7	12.08	35.24	400	42	A	H	
	*	5580	100.76	-	-	89.07	34.7	12.22	35.23	400	42	P	H	
	*	5580	95.73	-	-	84.04	34.7	12.22	35.23	400	42	A	H	
			5742.32	48.94	-19.26	68.2	36.66	35.15	12.3	35.17	400	42	P	H
			5409.76	50.13	-23.87	74	38.65	34.7	12.02	35.24	137	3	P	V
			5469.28	50.01	-18.19	68.2	38.46	34.7	12.09	35.24	137	3	P	V
			5414.08	41.84	-12.16	54	30.35	34.7	12.03	35.24	137	3	A	V
	*		5580	108.6	-	-	96.91	34.7	12.22	35.23	137	3	P	V
	*		5580	101.91	-	-	90.22	34.7	12.22	35.23	137	3	A	V
		5747.36	49.73	-18.47	68.2	37.4	35.18	12.31	35.16	137	3	P	V	



802.11ac VHT20 CH 140 5700MHz	*	5700	98.17	-	-	86.17	34.9	12.28	35.18	400	45	P	H
	*	5700	91.45	-	-	79.45	34.9	12.28	35.18	400	45	A	H
		5725.24	57.47	-10.73	68.2	45.29	35.05	12.3	35.17	400	45	P	H
													H
													H
													H
	*	5700	105.24	-	-	93.24	34.9	12.28	35.18	162	3	P	V
	*	5700	98.14	-	-	86.14	34.9	12.28	35.18	162	3	A	V
		5725.32	63.07	-5.13	68.2	50.89	35.05	12.3	35.17	162	3	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 100 5500MHz		11000	43.65	-30.35	74	45.03	38	18.91	58.29	-	-	P	H	
		16500	53.63	-14.57	68.2	44.54	42.1	23.3	56.31	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11000	44.87	-29.13	74	46.25	38	18.91	58.29	-	-	P	V
			16500	53.63	-14.57	68.2	44.54	42.1	23.3	56.31	-	-	P	V
														V
														V
														V
														V
														V
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 116 5580MHz		11160	47.4	-26.6	74	48.33	37.86	19.04	57.83	-	-	P	H	
		16740	54.38	-13.82	68.2	44.94	42.14	23.49	56.19	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11160	53.45	-20.55	74	54.38	37.86	19.04	57.83	123	194	P	V
			11160	44.76	-9.24	54	45.69	37.86	19.04	57.83	123	194	A	V
			16740	52.47	-15.73	68.2	43.03	42.14	23.49	56.19	-	-	P	V
														V
														V
														V
														V
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT20 CH 140 5700MHz		11400	48.91	-25.09	74	48.62	38.2	19.23	57.14	232	122	P	H	
		11400	39.95	-14.05	54	39.66	38.2	19.23	57.14	232	122	A	H	
		17100	57.69	-10.51	68.2	48.2	41.6	23.79	55.9	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11400	52.36	-21.64	74	52.07	38.2	19.23	57.14	207	201	P	V
			11400	43.38	-10.62	54	43.09	38.2	19.23	57.14	207	201	A	V
			17100	57.27	-10.93	68.2	47.78	41.6	23.79	55.9	-	-	P	V
														V
														V
														V
														V
														V
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 102 5510MHz		5453.44	50.8	-23.2	74	39.27	34.7	12.07	35.24	186	206	P	H
		5467.84	58.12	-10.08	68.2	46.57	34.7	12.09	35.24	186	206	P	H
		5458.72	45.58	-8.42	54	34.04	34.7	12.08	35.24	186	206	A	H
	*	5510	98.36	-	-	86.75	34.7	12.14	35.23	186	206	P	H
	*	5510	91.25	-	-	79.64	34.7	12.14	35.23	186	206	A	H
		5752.085	49.83	-18.37	68.2	37.48	35.2	12.31	35.16	186	206	P	H
		5459.44	57.89	-16.11	74	46.35	34.7	12.08	35.24	172	356	P	V
		5470	63.61	-4.59	68.2	52.06	34.7	12.09	35.24	172	356	P	V
		5458.72	51	-3	54	39.46	34.7	12.08	35.24	172	356	A	V
	*	5510	103.58	-	-	91.97	34.7	12.14	35.23	172	356	P	V
	*	5510	96.98	-	-	85.37	34.7	12.14	35.23	172	356	A	V
		5749.88	49.78	-18.42	68.2	37.43	35.2	12.31	35.16	172	356	P	V
802.11ac VHT40 CH 110 5550MHz		5428.24	51.24	-22.76	74	39.74	34.7	12.04	35.24	183	241	P	H
		5466.88	52.36	-15.84	68.2	40.81	34.7	12.09	35.24	183	241	P	H
		5459.92	44.14	-9.86	54	32.6	34.7	12.08	35.24	183	241	A	H
	*	5550	101.07	-	-	89.42	34.7	12.18	35.23	183	241	P	H
	*	5550	94.12	-	-	82.47	34.7	12.18	35.23	183	241	A	H
		5736.965	50.07	-18.13	68.2	37.82	35.12	12.3	35.17	183	241	P	H
		5457.04	56.32	-17.68	74	44.78	34.7	12.08	35.24	166	1	P	V
		5466.88	58.2	-10	68.2	46.65	34.7	12.09	35.24	166	1	P	V
		5459.92	48.11	-5.89	54	36.57	34.7	12.08	35.24	166	1	A	V
	*	5550	107.08	-	-	95.43	34.7	12.18	35.23	166	1	P	V
	*	5550	99.9	-	-	88.25	34.7	12.18	35.23	166	1	A	V
		5764.055	49.1	-19.1	68.2	36.75	35.2	12.31	35.16	166	1	P	V



802.11ac VHT40 CH 134 5670MHz		5413.35	47.84	-26.16	74	36.35	34.7	12.03	35.24	207	300	P	H
		5467.6	47.42	-20.78	68.2	35.87	34.7	12.09	35.24	207	300	P	H
		5457.45	41.14	-12.86	54	29.6	34.7	12.08	35.24	207	300	A	H
	*	5670	97.16	-	-	85.31	34.78	12.27	35.2	207	300	P	H
	*	5670	90.08	-	-	78.23	34.78	12.27	35.2	207	300	A	H
		5725.625	58.29	-9.91	68.2	46.11	35.05	12.3	35.17	207	300	P	H
		5457.8	48.69	-25.31	74	37.15	34.7	12.08	35.24	165	3	P	V
		5464.8	49.56	-18.64	68.2	38.02	34.7	12.08	35.24	165	3	P	V
		5452.2	41.72	-12.28	54	30.19	34.7	12.07	35.24	165	3	A	V
	*	5670	105.49	-	-	93.64	34.78	12.27	35.2	165	3	P	V
	*	5670	98.03	-	-	86.18	34.78	12.27	35.2	165	3	A	V
		5728.425	64.81	-3.39	68.2	52.61	35.07	12.3	35.17	165	3	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT40 CH 102 5510MHz		11020	44.21	-29.79	74	45.54	37.96	18.94	58.23	-	-	P	H	
		16530	49.29	-18.91	68.2	40.28	41.98	23.32	56.29	-	-	P	H	
													H	
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													H	
													H	
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													H	
													H	
													H	
													H	
													H	
			11020	44.54	-29.46	74	45.87	37.96	18.94	58.23	-	-	P	V
			16530	49.58	-18.62	68.2	40.57	41.98	23.32	56.29	-	-	P	V
														V
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														V
														V
													V	
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT40 CH 110 5550MHz		11100	44.24	-29.76	74	45.44	37.8	19	58	-	-	P	H	
		16650	52.92	-15.28	68.2	43.84	41.9	23.41	56.23	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11100	46.24	-27.76	74	47.44	37.8	19	58	-	-	P	V
			16650	51.04	-17.16	68.2	41.96	41.9	23.41	56.23	-	-	P	V
														V
														V
														V
														V
														V
														V
													V	
													V	



WiFi Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT40 CH 134 5670MHz		11340	46.41	-27.59	74	46.39	38.14	19.19	57.31	-	-	P	H	
		17010	57.61	-10.59	68.2	48.24	41.69	23.71	56.03	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
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													H	
													H	
			11340	47.82	-26.18	74	47.8	38.14	19.19	57.31	-	-	P	V
			17010	56.95	-11.25	68.2	47.58	41.69	23.71	56.03	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
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													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only													



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5458	50.2	-23.8	74	38.66	34.7	12.08	35.24	197	205	P	H
		5462.08	53.36	-14.84	68.2	41.82	34.7	12.08	35.24	197	205	P	H
		5458.24	45.36	-8.64	54	33.82	34.7	12.08	35.24	197	205	A	H
	*	5530	90.19	-	-	78.56	34.7	12.16	35.23	197	205	P	H
	*	5530	83.6	-	-	71.97	34.7	12.16	35.23	197	205	A	H
		5761.535	50.09	-18.11	68.2	37.74	35.2	12.31	35.16	197	205	P	H
		5452.96	55	-19	74	43.47	34.7	12.07	35.24	176	0	P	V
		5469.76	56.45	-11.75	68.2	44.9	34.7	12.09	35.24	176	0	P	V
		5458.24	49.22	-4.78	54	37.68	34.7	12.08	35.24	176	0	A	V
	*	5530	96.28	-	-	84.65	34.7	12.16	35.23	176	0	P	V
	*	5530	89.57	-	-	77.94	34.7	12.16	35.23	176	0	A	V
		5756.18	49.09	-19.11	68.2	36.74	35.2	12.31	35.16	176	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 106 5530MHz		11060	44.17	-29.83	74	45.44	37.88	18.97	58.12	-	-	P	H	
		16590	47.3	-20.9	68.2	38.45	41.74	23.37	56.26	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
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													H	
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													H	
													H	
													H	
													H	
			11060	44.44	-29.56	74	45.71	37.88	18.97	58.12	-	-	P	V
			16590	47.36	-20.84	68.2	38.51	41.74	23.37	56.26	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only 													



Emission above 18GHz

5GHz WIFI 802.11ac VHT40 (SHF@ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT40 SHF		39318	44.9	-29.1	74	44.67	45.23	14.56	59.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			39318	44.94	-29.06	74	44.71	45.23	14.56	59.56	-	-	P
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only												



Emission below 1GHz

5GHz WIFI 802.11ac VHT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
5GHz 802.11ac VHT40 LF		46.74	29.88	-10.12	40	42.91	15.88	1.12	30.03	-	-	P	H	
		93.72	35.43	-8.07	43.5	48.76	14.96	1.72	30.01	-	-	P	H	
		186.87	32.48	-11.02	43.5	45.38	14.66	2.46	30.02	-	-	P	H	
		586.3	33.96	-12.04	46	34.3	25.52	4.17	30.03	-	-	P	H	
		930.7	32.8	-13.2	46	26.95	29.24	5.51	28.9	-	-	P	H	
		953.1	33.56	-12.44	46	26.32	30.49	5.56	28.81	-	-	P	H	
														H
														H
														H
														H
														H
														H
														H
														H
														H
			30.27	33.27	-6.73	40	37.95	24.39	1.01	30.08	-	-	P	V
			70.23	33.2	-6.8	40	49.44	12.2	1.43	29.87	-	-	P	V
			93.45	35.02	-8.48	43.5	48.39	14.92	1.72	30.01	-	-	P	V
			578.6	31.38	-14.62	46	31.62	25.64	4.14	30.02	-	-	P	V
			853.7	32.13	-13.87	46	27.39	28.86	5.15	29.27	-	-	P	V
		955.9	33.58	-12.42	46	26.2	30.61	5.57	28.8	-	-	P	V	
													V	
													V	
													V	
													V	
													V	
													V	

Remark

- No other spurious found.
- All results are PASS against limit line.
- The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 36		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
5180MHz													

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu and	Temperature :	21.9~24.9°C
	James Chiu	Relative Humidity :	57.7~61.8%

Note symbol

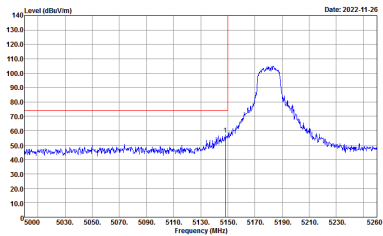
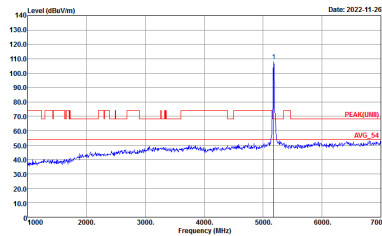
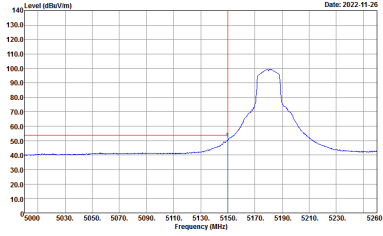
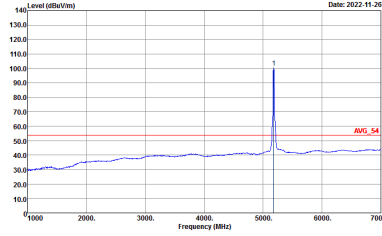
-L	Low channel location
-R	High channel location



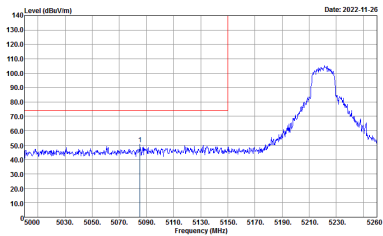
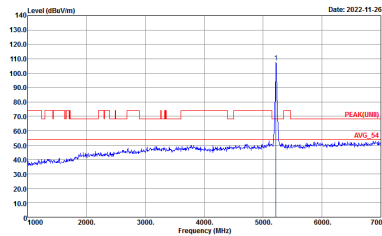
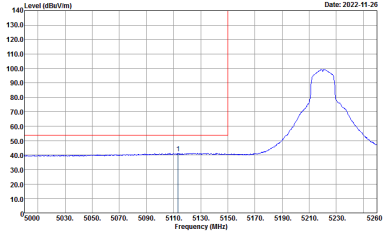
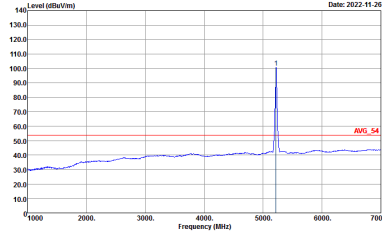
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

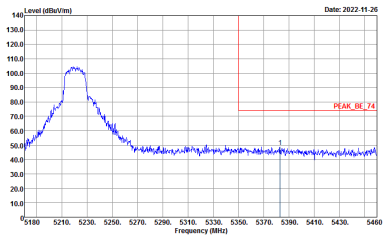
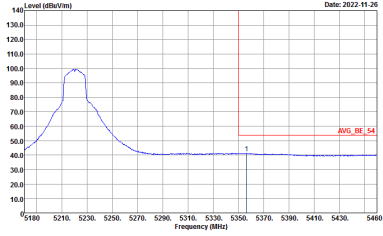


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5180 MHz. The plot shows a blue signal trace with a peak at approximately 105 dBuV/m.</p> <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5180 MHz. The plot shows a blue signal trace with a peak at approximately 105 dBuV/m. A red horizontal line is labeled 'PEAK(LIM)'. A red label 'AVG_54' is present.</p> <p>Site : 03CH07-HY Condition : :PEAK(LIM) 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5180 MHz. The plot shows a blue signal trace with a peak at approximately 105 dBuV/m.</p> <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5180 MHz. The plot shows a blue signal trace with a peak at approximately 105 dBuV/m. A red horizontal line is labeled 'AVG_54'.</p> <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>

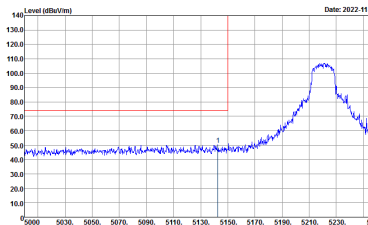
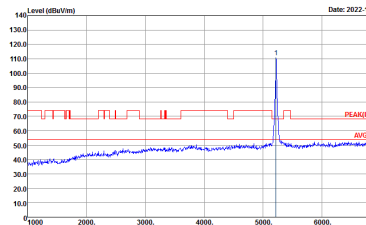
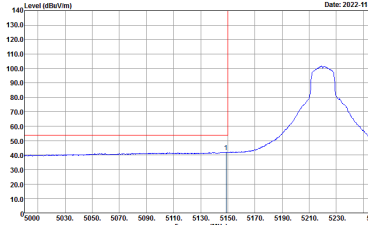
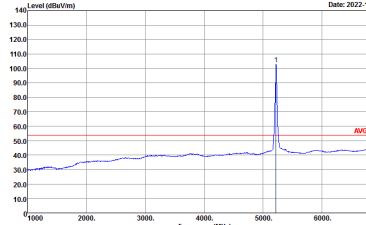


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	 <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>

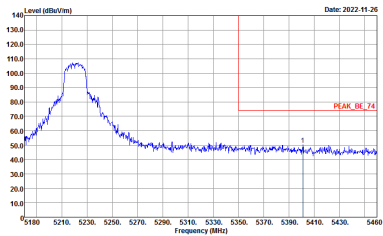
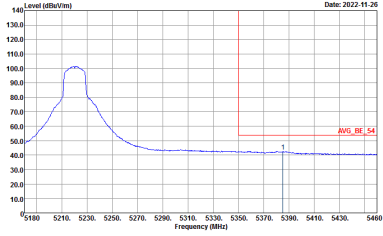


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	 <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>

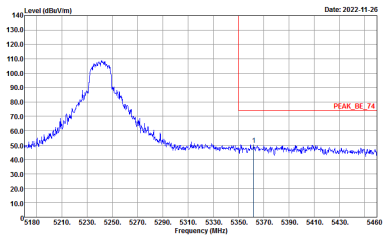
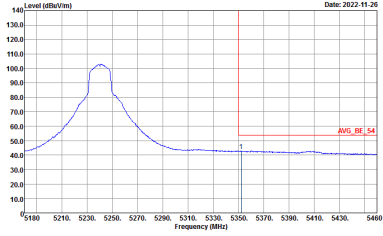


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank



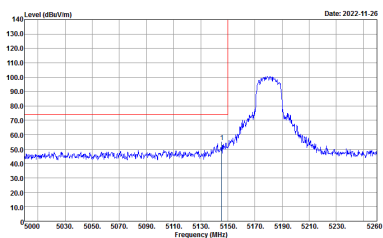
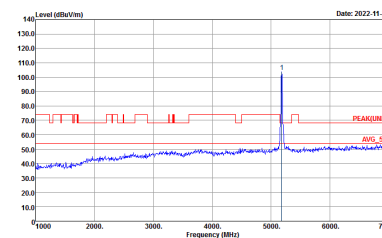
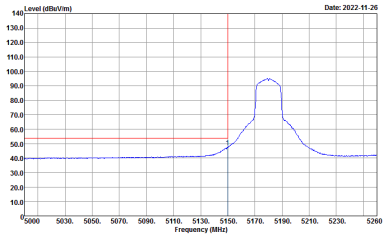
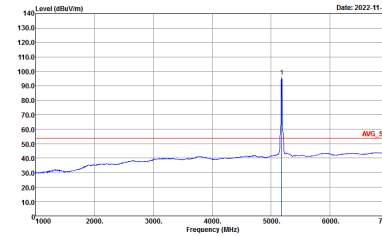
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>



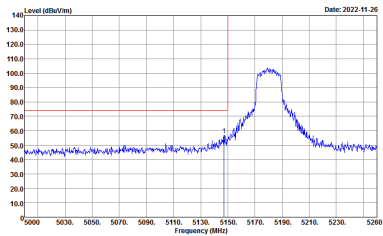
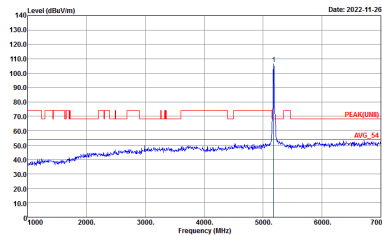
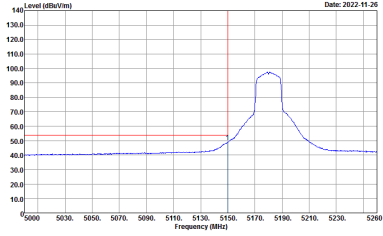
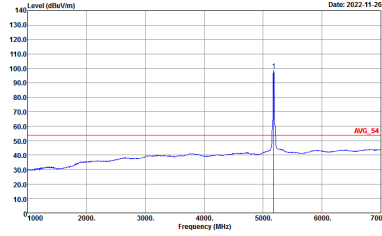
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank



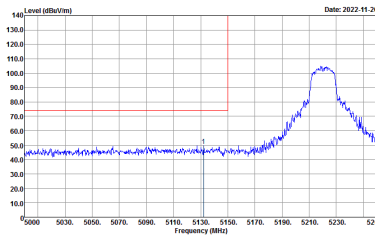
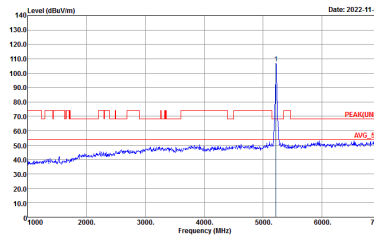
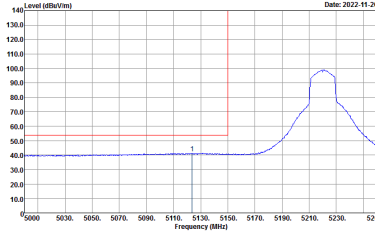
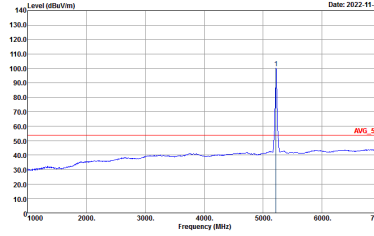
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto</p>	 <p>Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto</p>	 <p>Site : 03CH07-HY Condition : AVG_34 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto</p>

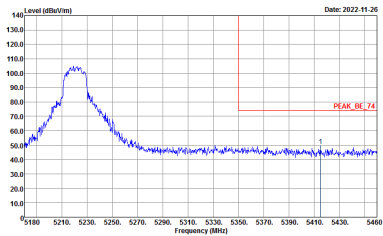
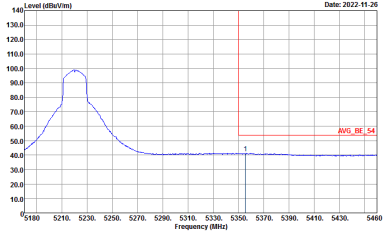


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5180 MHz. The peak level is approximately 105 dBuV/m.</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a sharp peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5180 MHz. The peak level is approximately 105 dBuV/m. A red horizontal line labeled 'PEAK(LIM)' is at approximately 75 dBuV/m, and a red horizontal line labeled 'AVG_54' is at approximately 55 dBuV/m.</p> <p>Site : 03CH07-HY Condition : PEAK(LIM) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average signal for the vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5180 MHz. The average level is approximately 95 dBuV/m.</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average signal for the fundamental component. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5180 MHz. The average level is approximately 95 dBuV/m. A red horizontal line labeled 'AVG_54' is at approximately 55 dBuV/m.</p> <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>

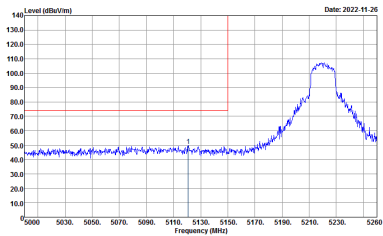
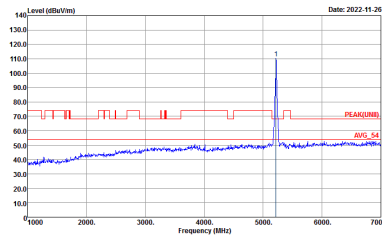
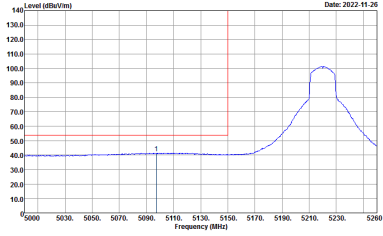
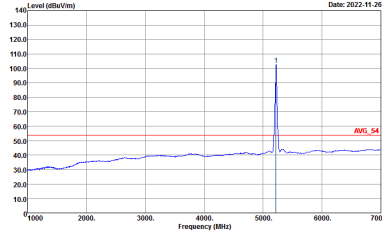


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	 <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : : PEAK(FUN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank

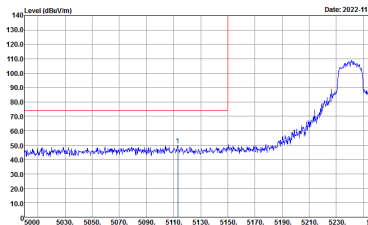
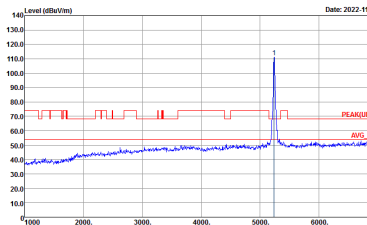
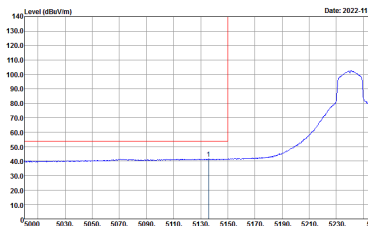
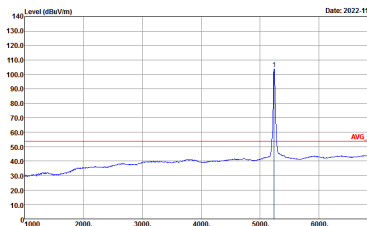


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:1.000kHz;SWT:Auto</p>

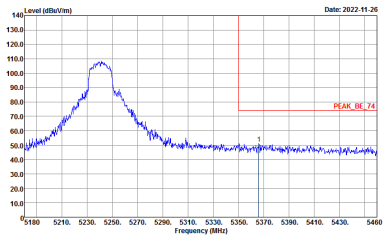
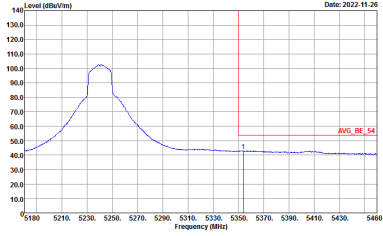


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	<p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	<p>Left blank</p>



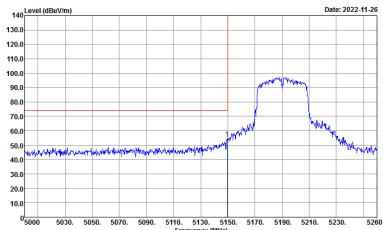
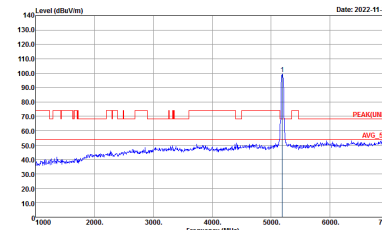
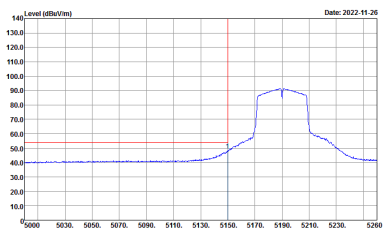
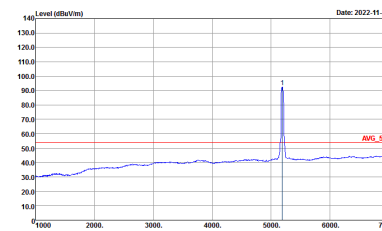
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site Condition : 03CH07-HY : PEAK(FUN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	 <p>Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank



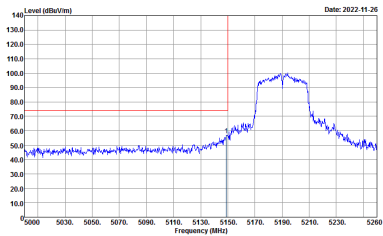
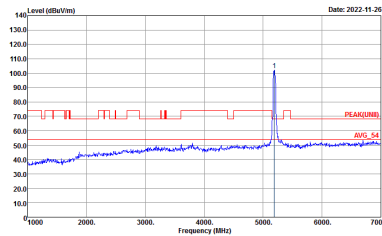
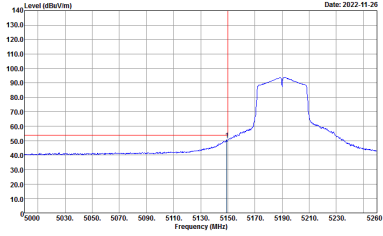
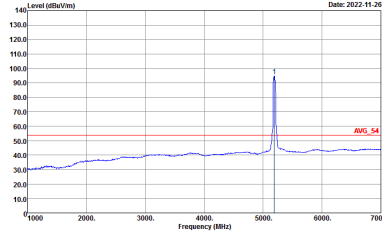
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTA:Auto</p>	 <p>Site Condition : 03CH07-HY : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTA:Auto</p>
Avg.	 <p>Site Condition : 03CH07-HY : AVG_BE_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTA:Auto</p>	 <p>Site Condition : 03CH07-HY : AVG_S4 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTA:Auto</p>

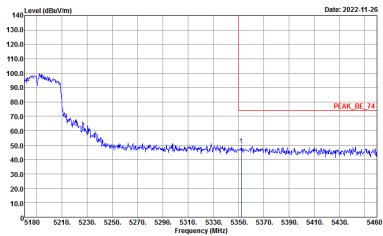
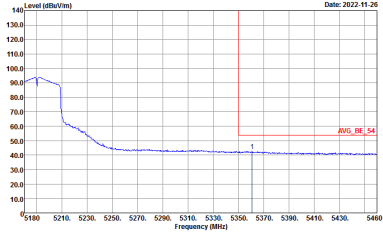


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	<p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	<p>Left blank</p>

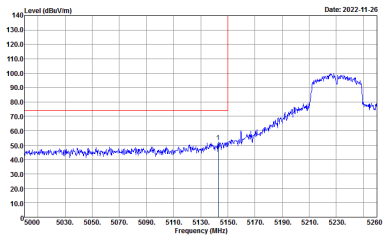
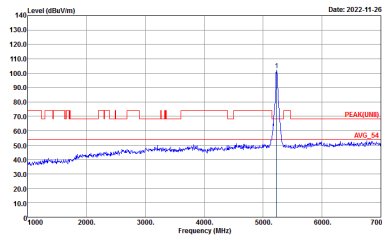
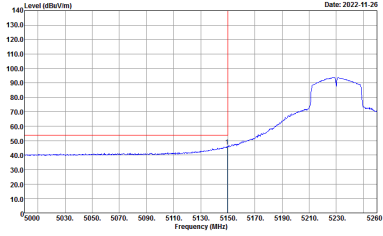
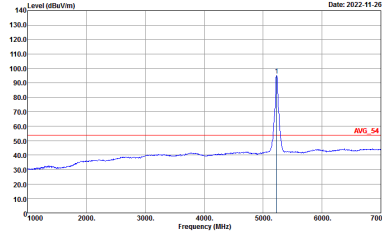


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5190 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a blue signal trace with a peak at approximately 100 dBuV/m.</p> <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5190 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a blue signal trace with a peak at approximately 100 dBuV/m. A red horizontal line is labeled 'PEAK(LIM)' and another red horizontal line is labeled 'AVG_54'.</p> <p>Site : 03CH07-HY Condition : :PEAK(LIM) 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average signal at 5190 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a blue signal trace with a peak at approximately 100 dBuV/m.</p> <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average signal at 5190 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a blue signal trace with a peak at approximately 100 dBuV/m. A red horizontal line is labeled 'AVG_54'.</p> <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>

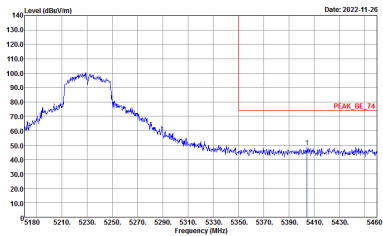
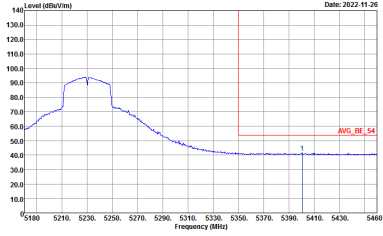


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank

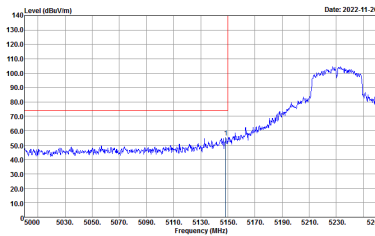
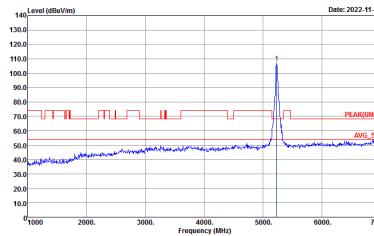
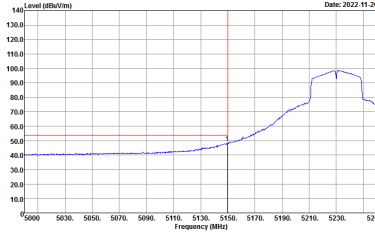
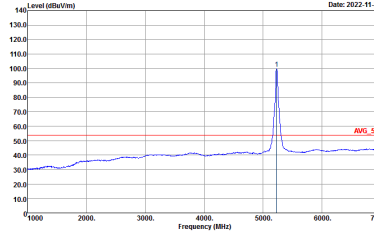


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Horizontal Peak. The plot shows a rising signal level from approximately 40 dBm/100MHz at 5150 MHz to about 100 dBm/100MHz at 5230 MHz. A red vertical line marks the peak at 5150 MHz.</p> <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at approximately 5230 MHz. A red horizontal line indicates the peak level at approximately 75 dBm/100MHz.</p> <p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Horizontal Avg. The plot shows a rising signal level from approximately 40 dBm/100MHz at 5150 MHz to about 100 dBm/100MHz at 5230 MHz. A red vertical line marks the peak at 5150 MHz.</p> <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Fundamental Avg. The plot shows a sharp peak at approximately 5230 MHz. A red horizontal line indicates the average peak level at approximately 55 dBm/100MHz.</p> <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL :RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank



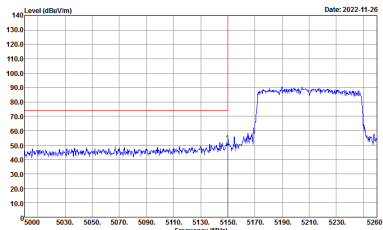
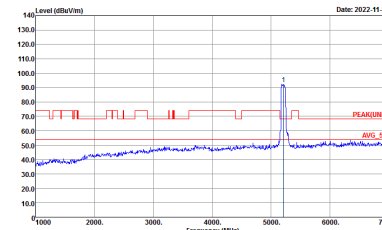
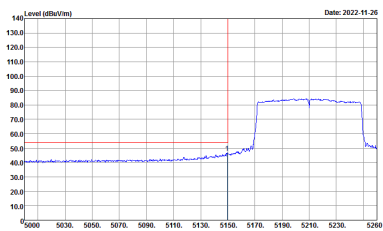
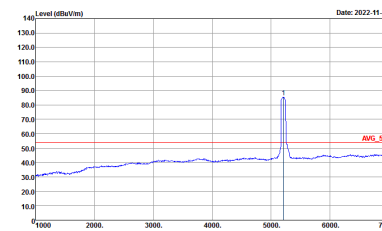
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Peak Vertical. The plot shows a signal level rising from approximately 40 dBm/100kHz at 5150 MHz to about 100 dBm/100kHz at 5230 MHz. A red vertical line is positioned at 5150 MHz. The date is 2022-11-26.</p> <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Peak Fundamental. The plot shows a sharp peak at approximately 5230 MHz with a level of about 110 dBm/100kHz. A red horizontal line is labeled 'PEAK_Q100'. The date is 2022-11-26.</p> <p>Site : 03CH07-HY Condition : :PEAK(Q100) 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Avg Vertical. The plot shows a smoothed signal level rising from approximately 40 dBm/100kHz at 5150 MHz to about 90 dBm/100kHz at 5230 MHz. A red vertical line is positioned at 5150 MHz. The date is 2022-11-26.</p> <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Avg Fundamental. The plot shows a sharp peak at approximately 5230 MHz with a level of about 100 dBm/100kHz. A red horizontal line is labeled 'AVG_54'. The date is 2022-11-26.</p> <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>



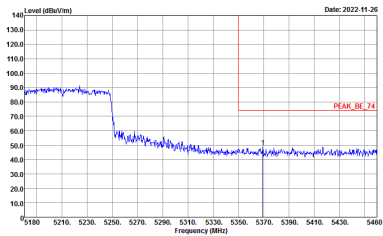
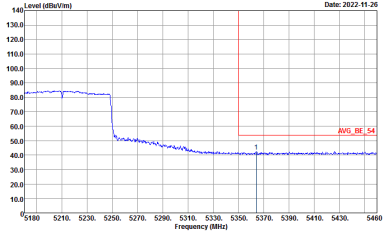
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Vertical	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>



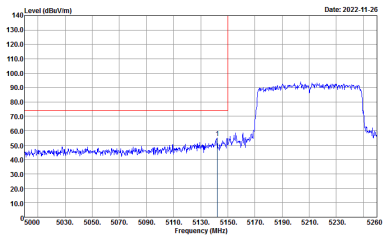
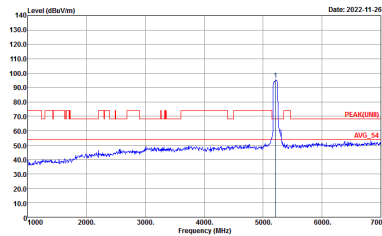
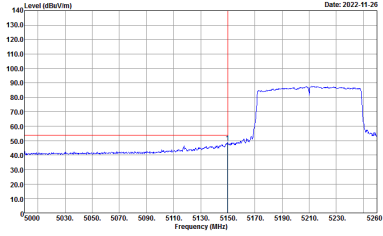
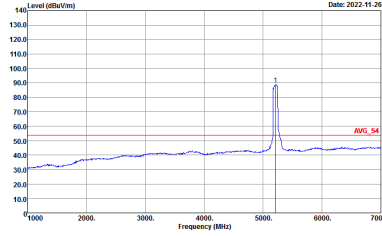
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Horizontal orientation. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line is at 5150 MHz. A blue line shows the spectrum with a peak at 5150 MHz. A red horizontal line is at approximately 80 dBuV/m.</p> <p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental orientation. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line is at 5150 MHz. A blue line shows the spectrum with a sharp peak at 5150 MHz. A red horizontal line is at approximately 80 dBuV/m.</p> <p>Site Condition : 03CH07-HY : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Horizontal orientation. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line is at 5150 MHz. A blue line shows the average spectrum with a peak at 5150 MHz. A red horizontal line is at approximately 80 dBuV/m.</p> <p>Site Condition : 03CH07-HY : AVG_BE_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental orientation. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line is at 5150 MHz. A blue line shows the average spectrum with a sharp peak at 5150 MHz. A red horizontal line is at approximately 80 dBuV/m.</p> <p>Site Condition : 03CH07-HY : AVG_S4 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Peak Vertical. The plot shows a signal level rising from approximately 40 dBm/1m at 5150 MHz to about 80 dBm/1m at 5210 MHz. A red vertical line marks the peak at 5210 MHz.</p> <p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Peak Fundamental. The plot shows a sharp peak at approximately 5210 MHz with a level of about 100 dBm/1m. A red vertical line marks the peak.</p> <p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Avg Vertical. The plot shows a signal level rising from approximately 40 dBm/1m at 5150 MHz to about 80 dBm/1m at 5210 MHz. A red vertical line marks the peak at 5210 MHz.</p> <p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Avg Fundamental. The plot shows a sharp peak at approximately 5210 MHz with a level of about 100 dBm/1m. A red vertical line marks the peak.</p> <p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto</p>	Left blank



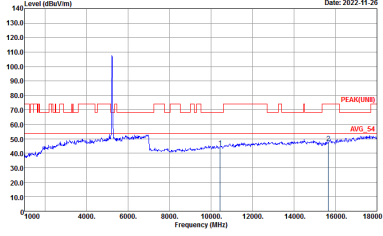
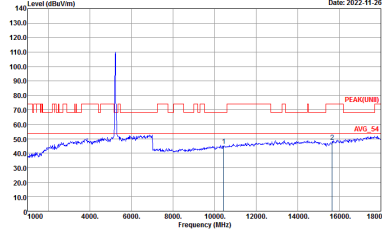
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	 <p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



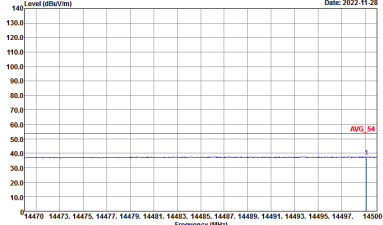
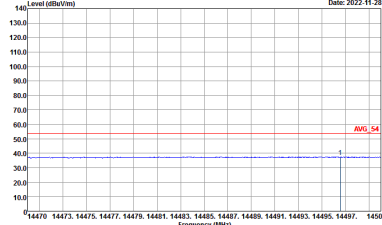
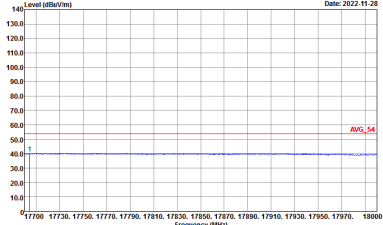
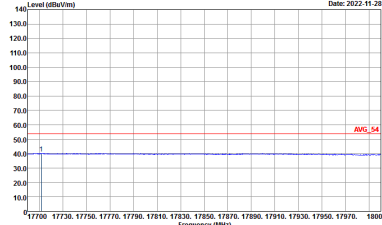
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CN07-HY Condition : PEAK(UIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CN07-HY Condition : PEAK(UIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



**Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : PEAK_UHF 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank

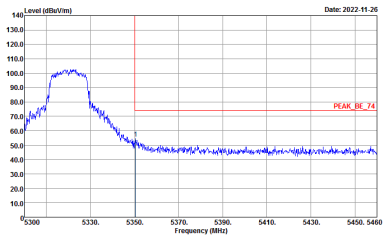
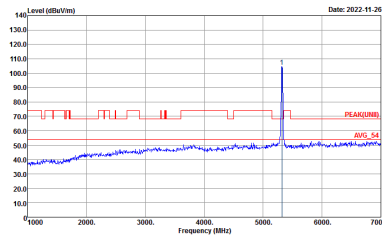
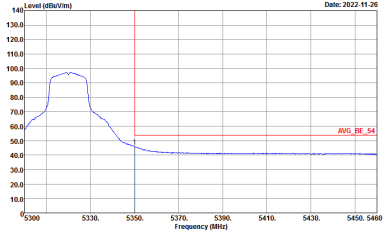
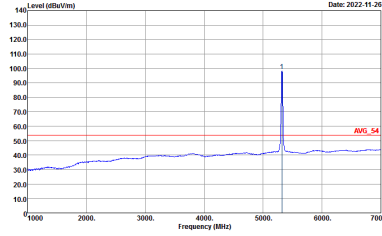


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : PEAK(FUN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank



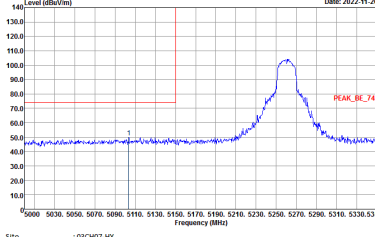
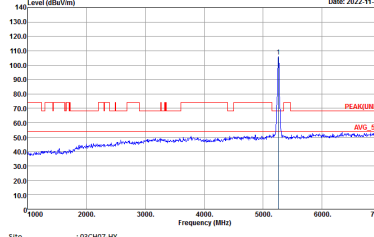
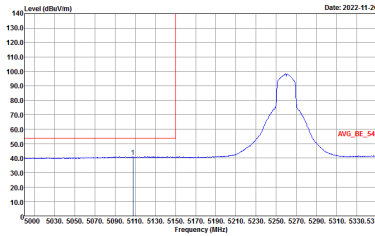
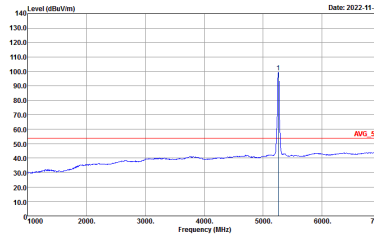
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ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site Condition : 03CH07-HY : PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	 <p>Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : PEAK(FUN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



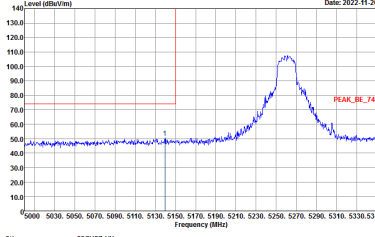
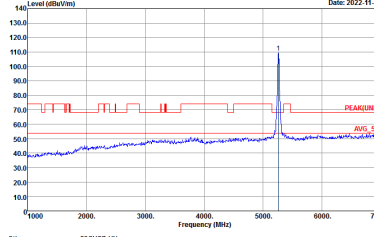
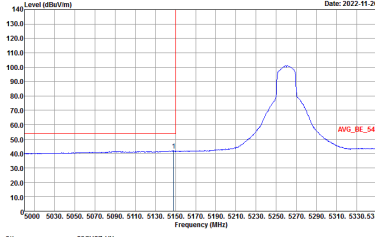
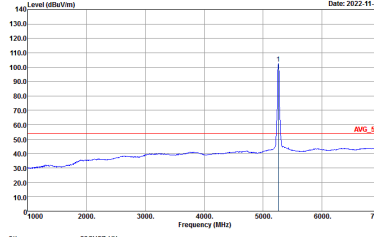
Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTA:Auto</p>	 <p>Site Condition : 03CH07-HY : PEAK(LIN)I 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTA:Auto</p>
Avg.	 <p>Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTA:Auto</p>	 <p>Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTA:Auto</p>

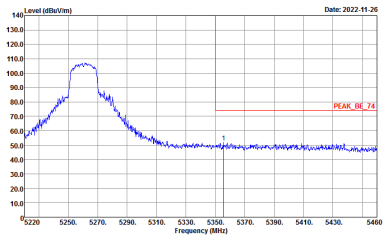
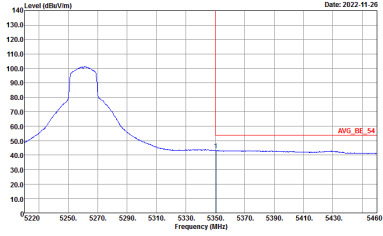


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank

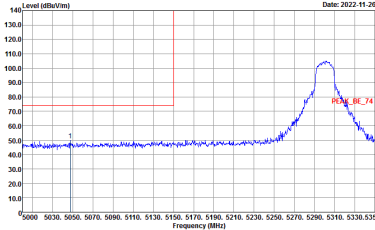
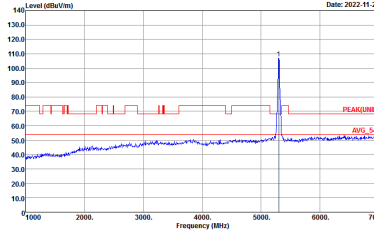
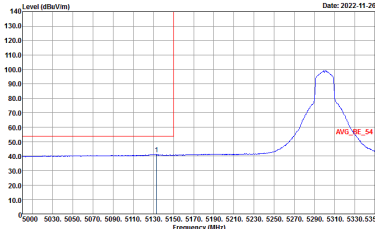
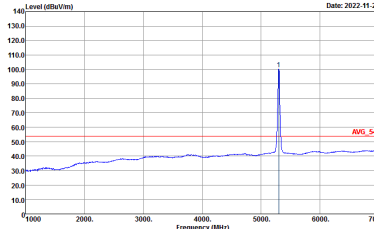


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBμV/m) vs Frequency (MHz) plot showing a peak at approximately 5300 MHz. The peak is labeled 'PEAK_BE_74'. The x-axis ranges from 5000 to 5350 MHz, and the y-axis ranges from 10.0 to 140.0 dBμV/m.</p> <p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBμV/m) vs Frequency (MHz) plot showing a sharp peak at approximately 5300 MHz. The peak is labeled 'PEAK_UWB'. The x-axis ranges from 4000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBμV/m.</p> <p>Site Condition : 03CH07-HY : PEAK_UWB() 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBμV/m) vs Frequency (MHz) plot showing the average level across the frequency range. A red line indicates the average level, labeled 'AVG_BE_54'. The x-axis ranges from 5000 to 5350 MHz, and the y-axis ranges from 10.0 to 140.0 dBμV/m.</p> <p>Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	 <p>Level (dBμV/m) vs Frequency (MHz) plot showing the average level across the frequency range. A red line indicates the average level, labeled 'AVG_54'. The x-axis ranges from 4000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBμV/m.</p> <p>Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>

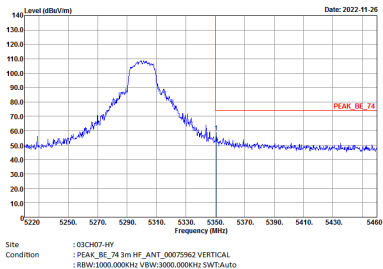
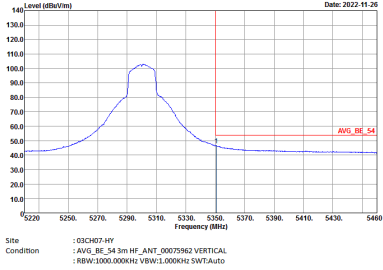


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTA:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:3000.000kHz VBW:3000.000kHz SWTA:Auto</p>	Left blank

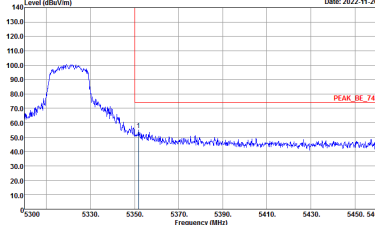
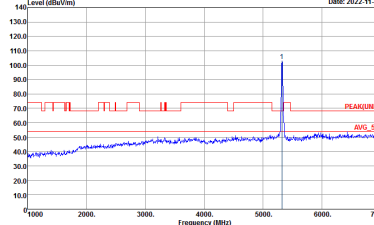
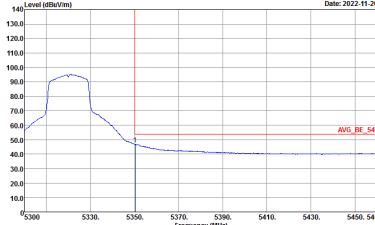
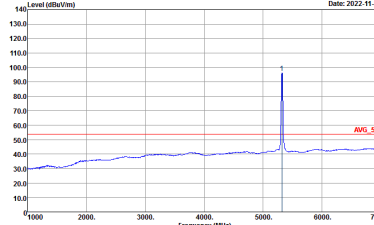


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : :PEAK_BE_74 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :PEAK(FUN) 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3000.000kHz;SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : :AVG_BE_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>	<p>Site : 03CH07-HY Condition : :AVG_54 3m HF_ANT_00075962 VERTICAL :RBW:1000.000kHz;VBW:3.000kHz;SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Vertical	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz; VBW:3000.000kHz; SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : PEAK(UHQ) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz; VBW:3000.000kHz; SWT:Auto</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz; VBW:3.000kHz; SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz; VBW:3.000kHz; SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(FUN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



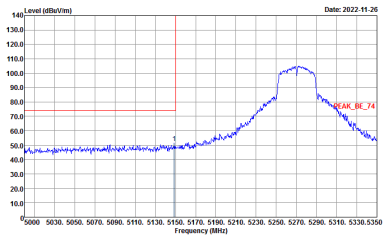
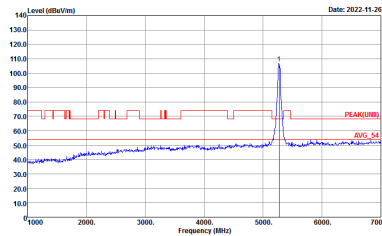
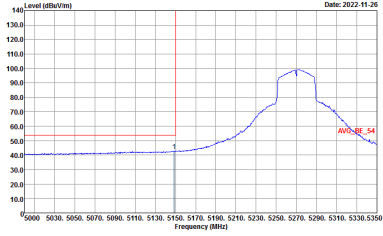
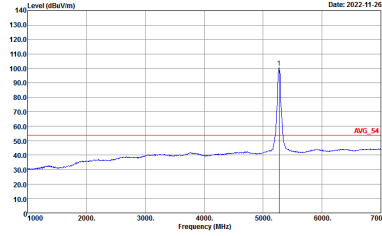
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto</p>	<p>Site : 03CH07-HY Condition : PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto</p>
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto</p>

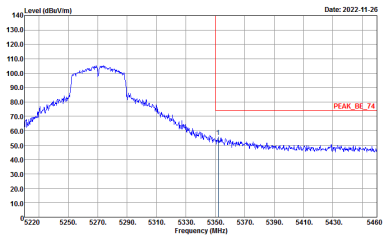
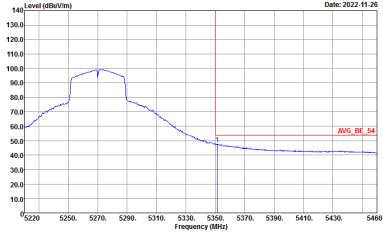


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	Left blank

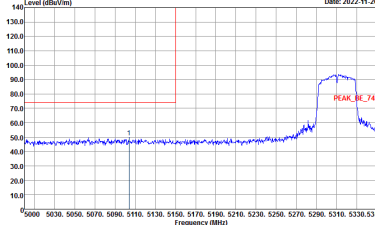
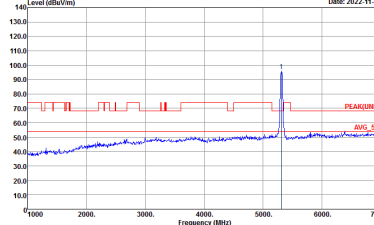
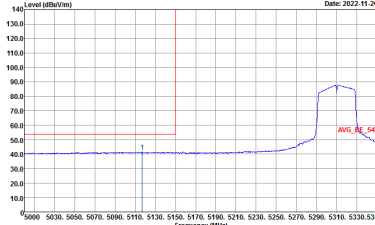
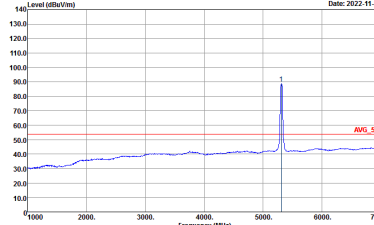


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : : PEAK_BC_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : : PEAK_UHQ 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH07-HY Condition : : AVG_BC_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	 <p>Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank

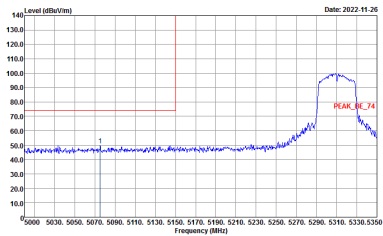
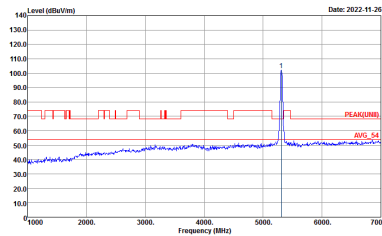
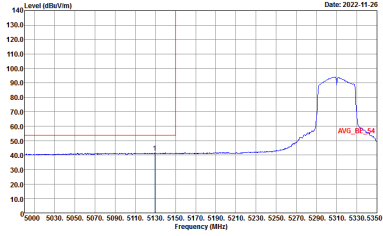
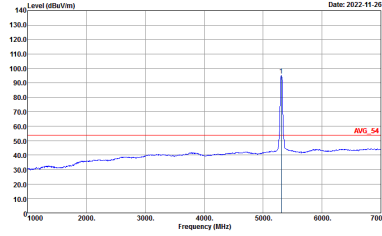


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5310 MHz. The peak level is approximately 85 dBm/100MHz. The plot includes a red line for the peak and a blue line for the average. The x-axis ranges from 5000 to 5350 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/100MHz.</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5310 MHz. The peak level is approximately 85 dBm/100MHz. The plot includes a red line for the peak and a blue line for the average. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/100MHz.</p> <p>Site : 03CH07-HY Condition : PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing an average level at 5310 MHz. The average level is approximately 55 dBm/100MHz. The plot includes a red line for the average and a blue line for the peak. The x-axis ranges from 5000 to 5350 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/100MHz.</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing an average level at 5310 MHz. The average level is approximately 55 dBm/100MHz. The plot includes a red line for the average and a blue line for the peak. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/100MHz.</p> <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>

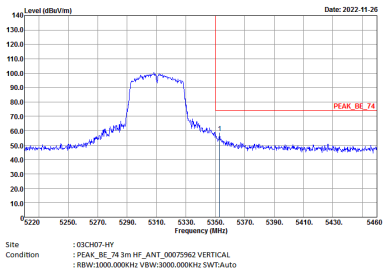
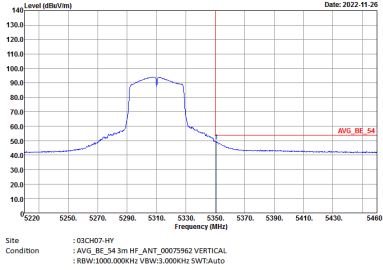


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Vertical. The plot shows a signal level around 50 dBuV/m with a peak labeled 'PEAK_BE_74' at approximately 5310 MHz. The x-axis ranges from 5000 to 5350 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Fundamental. The plot shows a signal level around 50 dBuV/m with a peak labeled 'PEAK_UHQ' at approximately 5310 MHz. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH07-HY Condition : PEAK(UHQ) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Avg Vertical. The plot shows an average signal level around 50 dBuV/m with a peak labeled 'AVG_BE_54' at approximately 5310 MHz. The x-axis ranges from 5000 to 5350 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Avg Fundamental. The plot shows an average signal level around 50 dBuV/m with a peak labeled 'AVG_54' at approximately 5310 MHz. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Vertical	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto</p>	<p>Site Condition : 03CH07-HY : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto</p>
Avg.	<p>Site Condition : 03CH07-HY : AVG_BE_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWTAuto</p>	<p>Site Condition : 03CH07-HY : AVG_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	<p>Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site Condition : 03CH07-HY : PEAK(FUN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto</p>	<p>Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto</p>	Left blank



Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>		
<p>17.7G ~18G Avg</p>		

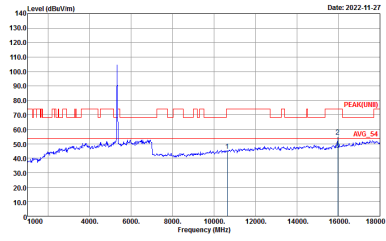
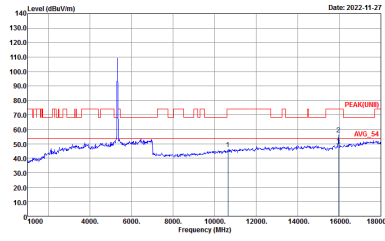


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	 <p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



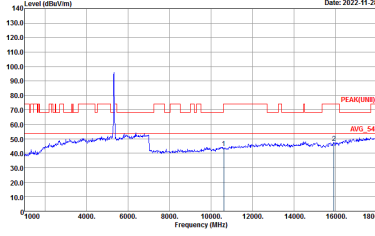
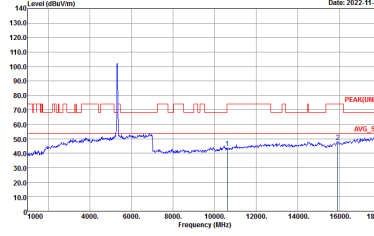
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CK07-4H Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CK07-4H Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH54 5270	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>		
<p>17.7G ~18G Avg</p>		



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 HORIZONTAL</p>	 <p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH62 5310	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>
<p>17.7G ~18G Avg</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL</p>



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

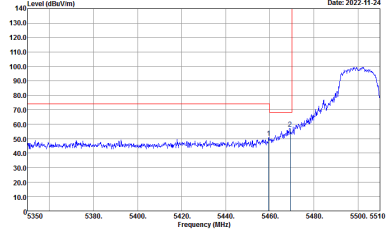
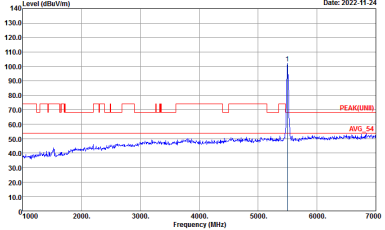
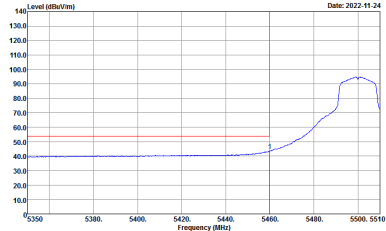
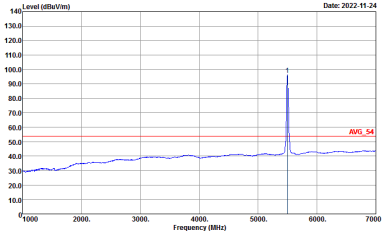
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL</p>	<p>Site : 03CK07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
<p>14.47G ~14.5G Avg.</p>		
<p>17.7G ~18G Avg</p>		



Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Horizontal. The x-axis ranges from 5350 to 5510 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red vertical line is at 5470 MHz. The signal level rises from ~40 dBuV/m at 5470 MHz to ~100 dBuV/m at 5500 MHz.</p> <p>Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Fundamental. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red vertical line is at 5470 MHz. A sharp peak is visible at 5470 MHz reaching ~100 dBuV/m. A red horizontal line labeled 'PEAK(LIMB)' is at ~70 dBuV/m. A blue horizontal line labeled 'AVG_54' is at ~50 dBuV/m.</p> <p>Site : 03CH07-HY Condition : PEAK(UNII)_3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Avg Horizontal. The x-axis ranges from 5350 to 5510 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red vertical line is at 5470 MHz. The signal level rises from ~40 dBuV/m at 5470 MHz to ~100 dBuV/m at 5500 MHz.</p> <p>Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Avg Fundamental. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red vertical line is at 5470 MHz. A sharp peak is visible at 5470 MHz reaching ~100 dBuV/m. A red horizontal line labeled 'AVG_54' is at ~50 dBuV/m.</p> <p>Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>