



FCC RADIO TEST REPORT

FCC ID : 2A8B7TURBOXC865C
Equipment : Smart Module
Brand Name : TurboX
Model Name : C865C
Applicant : Multinarity Ltd.
112 Yigal Alon 3rd Floor, TEL AVIV, 6789150, Israel
Standard : FCC Part 15 Subpart E §15.407

The product was received on Sep. 14, 2022 and testing was performed from Sep. 26, 2022 to Nov. 07, 2022. We, Sporton International Inc. Wensan 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 partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR290812D	01	Initial issue of report	Dec. 22, 2022
FR290812D	02	Revise Appendix C, Appendix D and Appendix E	Jan. 26, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.403(i)	26dB Bandwidth	-	See Note
-	2.1049	99% Occupied Bandwidth	-	See Note
3.1	15.407(a)	Maximum Conducted Output Power	Pass	-
-	15.407(a)	Power Spectral Density	-	See Note
3.2	15.407(b)	Unwanted Emissions	Pass	0.68 dB under the limit at 5350.080 MHz
3.3	15.207	AC Conducted Emission	Pass	10.21 dB under the limit at 0.157 MHz
3.4	15.203	Antenna Requirement	Pass	-

Note: The module (Model: C865C) makes no difference after verifying output power, this report reuses test data from the module report.

Declaration of Conformity:

- 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.
- 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: Sheng Kuo

Report Producer: Rachel Hsieh

1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Feature	
Installed into Notebook Computer	Brand Name: spacetop Model Name: SPEA001
Antenna Type	WLAN <Ant. 0>: PIFA Antenna <Ant. 1>: PIFA Antenna Bluetooth: PIFA Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 0: 2.92 Ant. 1: 1.59
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 0: 2.61 Ant. 1: 2.29
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 0: 2.65 Ant. 1: 1.03

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

1.1.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;

G_k is the gain in dBi of the k th antenna.

As minimum $N_{SS}=1$ is supported by EUT, the formula can be simplified as:

Directional gain = $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

The directional gain "DG" is calculated as following table.

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant 0 (dBi)	Ant 1 (dBi)				
Band I	2.92	1.59	2.92	5.29	0.00	0.00
Band II	2.61	2.29	2.61	5.46	0.00	0.00
Band III	2.65	1.03	2.65	4.89	0.00	0.00

Calculation example:

If a device has two antenna, $G_{ANT1} = 2.92\text{dBi}$; $G_{ANT2} = 1.59\text{dBi}$

Directional gain of power measurement = $\max(2.92, 1.59) + 0 = 2.92 \text{ dBi}$

Directional gain of PSD derived from formula which is

$$10 \times \log \left\{ \left[10^{\frac{2.92 \text{ dBi}}{20}} + 10^{\frac{1.59 \text{ dBi}}{20}} \right]^2 \right\} / 2$$

$$= 5.29 \text{ dBi}$$

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)

Power and PSD limit reduction = Composite gain – 6dBi, (min = 0)

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY, CO07-HY, 03CH20-HY

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

FCC designation No.: TW3786

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.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ 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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122 [#]	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138 [#]	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "[#]" are 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

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

MIMO Mode

Modulation	Data Rate
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + Earphone + HD + AR glasses

<Ant. 0>

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
Straddle		-	-	144

<Ant. 1>

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
Straddle		-	-	144

<Ant. 0+1>

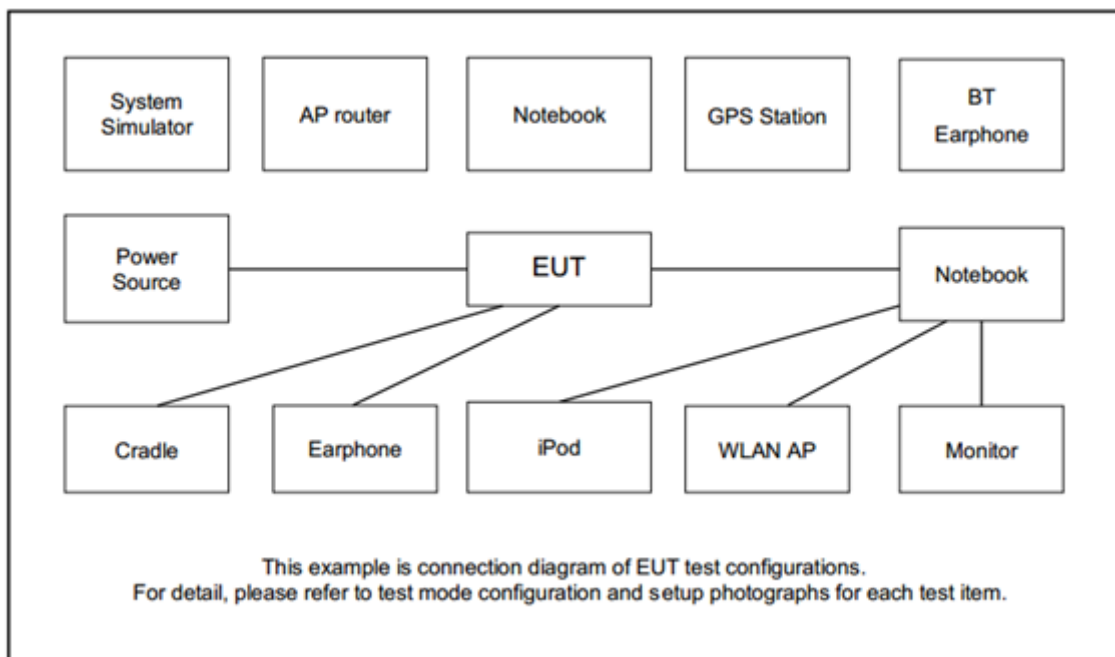
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

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	Kinyo	BTE-3622	N/A	N/A	N/A
2.	WLAN AP	ASUS	RT-AC52	N/A	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude5310	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Notebook	DELL	P79G	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
6.	Earphone + Mic	Samsung	Ecouteur	N/A	Unshielded, 1.8 m	N/A
7.	USB HD	ADATA	HV620S-1T	N/A	Unshielded, 1.2 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT 4.0.00197.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Maximum Conducted Output Power Measurement

3.1.1 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.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

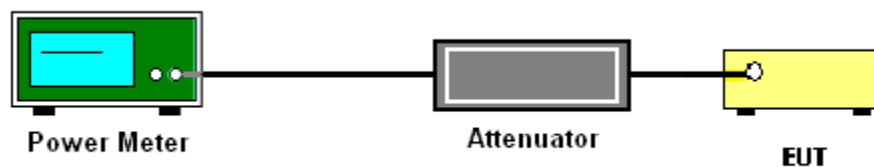
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

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

3.2.1 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.

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

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.

3.2.2 Measuring Instruments

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

3.2.3 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 $\geq$ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

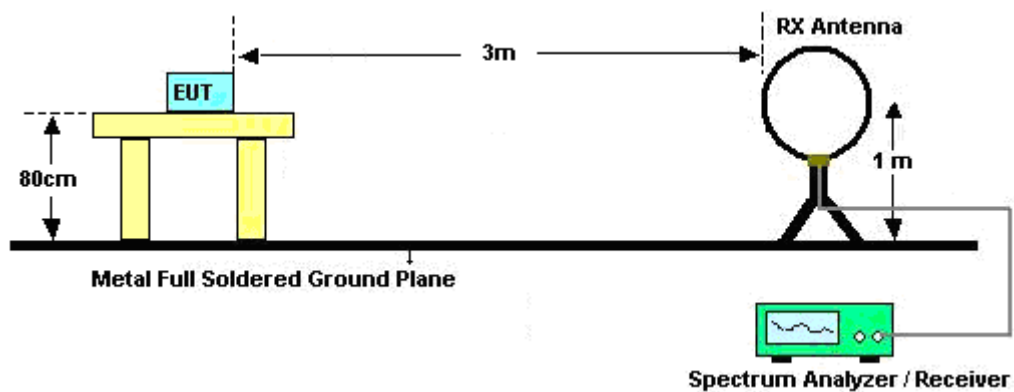
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

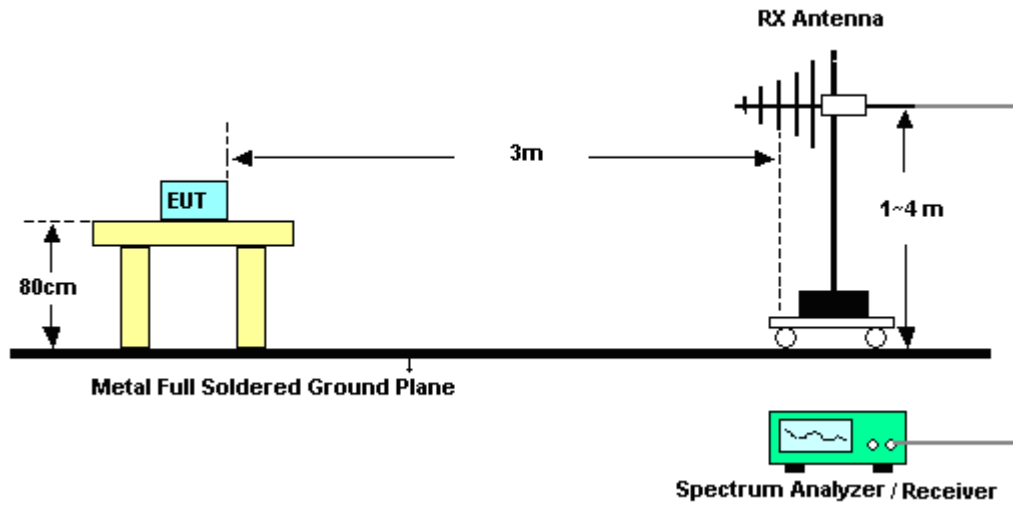
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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 “-”.

3.2.4 Test Setup

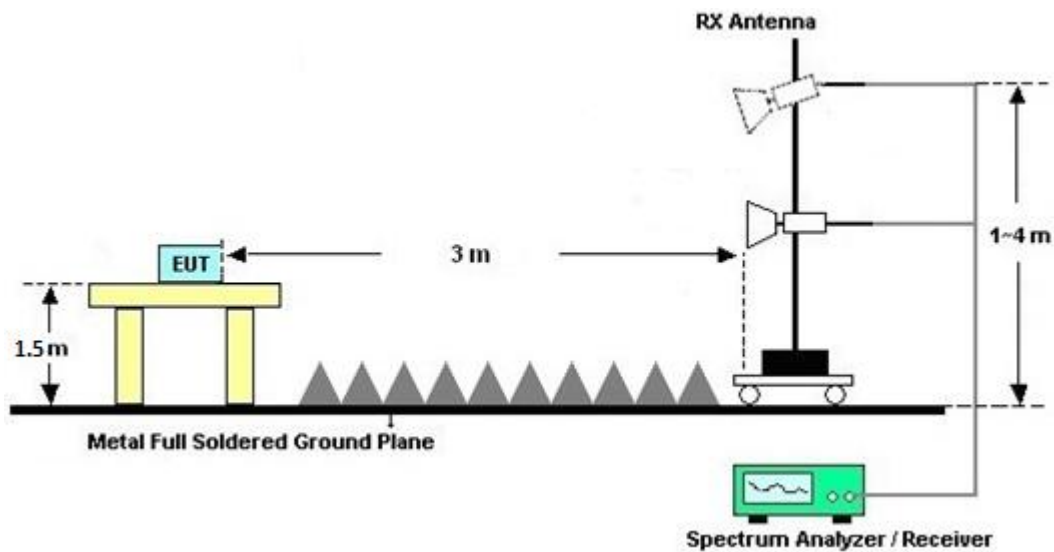
For radiated emissions below 30MHz



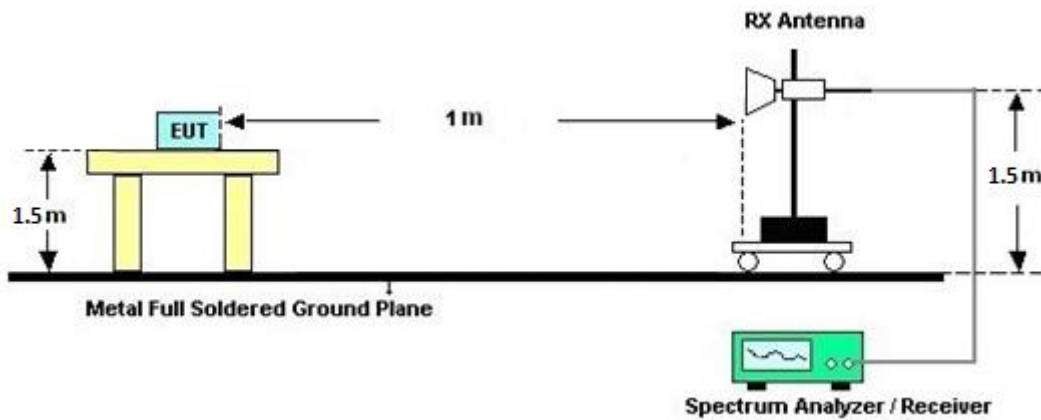
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.2.5 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.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.2.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.3 AC Conducted Emission Measurement

3.3.1 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.

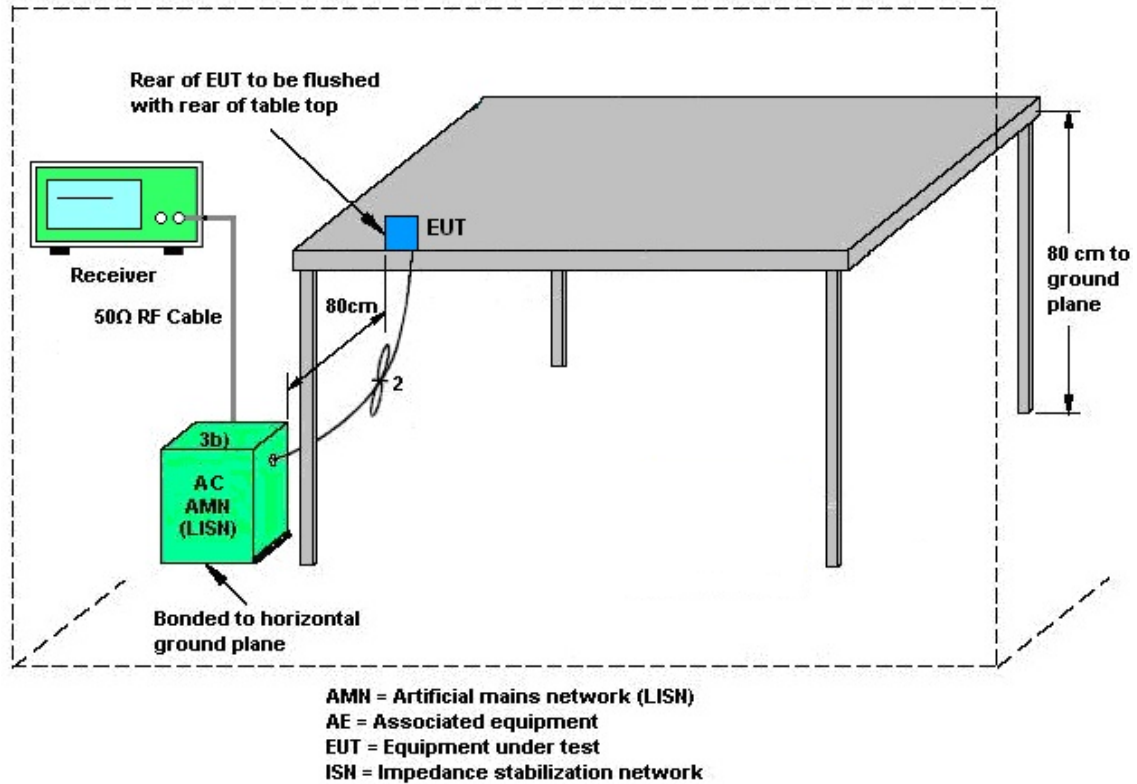
3.3.2 Measuring Instruments

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

3.3.3 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.

3.3.4 Test Setup



3.3.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.4 Antenna Requirements

3.4.1 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.

3.4.2 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
EMI Test Receiver	Keysight	N9038A	MY59053012	10Hz~44GHz	Nov. 18, 2021	Oct. 09, 2022~ Nov. 04, 2022	Nov. 17, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz~1000MHz	Jan. 03, 2022	Oct. 09, 2022~ Nov. 04, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 15, 2021	Oct. 09, 2022~ Nov. 04, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	Oct. 09, 2022~ Nov. 04, 2022	Jun. 27, 2023	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Oct. 09, 2022~ Nov. 04, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802N 1D01N-06	54682 & AT-N0603	30MHz~1GHz	Sep. 18, 2022	Oct. 09, 2022~ Nov. 04, 2022	Sep. 17, 2023	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz~18GHz	Nov. 02, 2021	Oct. 09, 2022~ Oct. 31, 2022	Nov. 01, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02038	1GHz~18GHz	Aug. 09, 2022	Oct. 31, 2022~ Nov. 04, 2022	Aug. 08, 2023	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00994	18GHz~40GHz	Nov. 04, 2021	Oct. 09, 2022~ Nov. 02, 2022	Nov. 03, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Nov. 02, 2022~ Nov. 04, 2022	Nov. 29, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200879	N/A	Mar. 22, 2022	Oct. 09, 2022~ Nov. 04, 2022	Mar. 21, 2023	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,8040 15/2,804027/2	N/A	Jan. 19, 2022	Oct. 09, 2022~ Nov. 04, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	Oct. 09, 2022~ Nov. 04, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Oct. 09, 2022~ Nov. 04, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Oct. 09, 2022~ Nov. 04, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Oct. 09, 2022~ Nov. 04, 2022	N/A	Radiation (03CH20-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Sep. 26, 2022	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 26, 2022	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Oct. 29, 2021	Sep. 26, 2022	Oct. 28, 2022	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 16, 2022	Sep. 26, 2022	Mar. 15, 2023	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 16, 2022	Sep. 26, 2022	Feb. 15, 2023	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2021	Sep. 26, 2022	Oct. 20, 2022	Conduction (CO07-HY)
Hygrometer	TECEPIL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Sep. 28, 2022~Nov. 07, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	15I00041SNO10 (NO:248)	10MHz~6GHz	Dec. 29, 2021	Sep. 28, 2022~Nov. 07, 2022	Dec. 28, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Sep. 28, 2022~Nov. 07, 2022	Aug. 02, 2023	Conducted (TH05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3 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 ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Willy Chang	Temperature:	21~25	°C
Test Date:	2022/11/7	Relative Humidity:	51~54	%

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	9.70	14.80		24.00	24.00	2.92	1.59		Pass
11a	6Mbps	1	44	5220	9.90	14.70		24.00	24.00	2.92	1.59		Pass
11a	6Mbps	1	48	5240	9.60	14.90		24.00	24.00	2.92	1.59		Pass

FCC U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HT20	MCS0	2	36	5180	9.90	9.20	12.57	24.00		2.92			Pass
HT20	MCS0	2	44	5220	9.90	9.00	12.48	24.00		2.92			Pass
HT20	MCS0	2	48	5240	9.70	8.70	12.24	24.00		2.92			Pass
HT40	MCS0	2	38	5190	9.90	9.00	12.48	24.00		2.92			Pass
HT40	MCS0	2	46	5230	9.60	8.40	12.05	24.00		2.92			Pass
VHT20	MCS0	2	36	5180	9.90	9.10	12.53	24.00		2.92			Pass
VHT20	MCS0	2	44	5220	9.90	9.00	12.48	24.00		2.92			Pass
VHT20	MCS0	2	48	5240	9.70	8.70	12.24	24.00		2.92			Pass
VHT40	MCS0	2	38	5190	9.50	8.60	12.08	24.00		2.92			Pass
VHT40	MCS0	2	46	5230	9.60	8.60	12.14	24.00		2.92			Pass
VHT80	MCS0	2	42	5210	9.80	9.00	12.43	24.00		2.92			Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	52	5260	9.90	14.70		23.98	23.98	2.61	2.29	30	Pass
11a	6Mbps	1	60	5300	9.70	14.80		23.98	23.98	2.61	2.29	30	Pass
11a	6Mbps	1	64	5320	9.60	14.70		23.98	23.98	2.61	2.29	30	Pass

FCC U-NII-2A MIMO													
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HT20	MCS0	2	52	5260	9.60	8.60	12.14	23.98		2.61		30	Pass
HT20	MCS0	2	60	5300	9.90	9.30	12.62	23.98		2.61		30	Pass
HT20	MCS0	2	64	5320	9.70	9.00	12.37	23.98		2.61		30	Pass
HT40	MCS0	2	54	5270	9.50	8.50	12.04	23.98		2.61		30	Pass
HT40	MCS0	2	62	5310	9.80	9.50	12.66	23.98		2.61		30	Pass
VHT20	MCS0	2	52	5260	9.70	8.70	12.24	23.98		2.61		30	Pass
VHT20	MCS0	2	60	5300	9.90	9.40	12.67	23.98		2.61		30	Pass
VHT20	MCS0	2	64	5320	9.80	9.20	12.52	23.98		2.61		30	Pass
VHT40	MCS0	2	54	5270	9.60	8.70	12.18	23.98		2.61		30	Pass
VHT40	MCS0	2	62	5310	9.90	9.60	12.76	23.98		2.61		30	Pass
VHT80	MCS0	2	58	5290	9.70	9.10	12.42	23.98		2.61		30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	100	5500	9.90	14.90		23.98	23.98	2.65	1.03	30	Pass
11a	6Mbps	1	116	5580	9.50	14.90		23.98	23.98	2.65	1.03	30	Pass
11a	6Mbps	1	140	5700	9.50	14.70		23.98	23.98	2.65	1.03	30	Pass

FCC U-NII-2C MIMO													
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HT20	MCS0	2	100	5500	9.60	8.40	12.05	23.98		2.65		30	Pass
HT20	MCS0	2	116	5580	9.70	9.00	12.37	23.98		2.65		30	Pass
HT20	MCS0	2	140	5700	9.70	9.00	12.37	23.98		2.65		30	Pass
HT40	MCS0	2	102	5510	9.90	8.80	12.40	23.98		2.65		30	Pass
HT40	MCS0	2	110	5550	10.00	8.90	12.50	23.98		2.65		30	Pass
HT40	MCS0	2	134	5670	9.90	9.40	12.67	23.98		2.65		30	Pass
VHT20	MCS0	2	100	5500	9.80	8.60	12.25	23.98		2.65		30	Pass
VHT20	MCS0	2	116	5580	9.80	9.10	12.47	23.98		2.65		30	Pass
VHT20	MCS0	2	140	5700	9.70	9.20	12.47	23.98		2.65		30	Pass
VHT40	MCS0	2	102	5510	9.90	8.80	12.40	23.98		2.65		30	Pass
VHT40	MCS0	2	110	5550	9.50	8.60	12.08	23.98		2.65		30	Pass
VHT40	MCS0	2	134	5670	9.50	9.00	12.27	23.98		2.65		30	Pass
VHT80	MCS0	2	106	5530	9.70	8.40	12.11	23.98		2.65		30	Pass
VHT80	MCS0	2	122	5610	9.80	9.20	12.52	23.98		2.65		30	Pass

FCC U-NII-2C straddle channel 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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	144	5720	9.90	14.60		23.98	23.98	2.65	1.03	30	Pass

FCC U-NII-2C straddle channel MIMO													
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HT20	MCS0	2	144	5720	9.50	9.00	12.27	23.98		2.65		30	Pass
HT40	MCS0	2	142	5710	9.50	9.00	12.27	23.98		2.65		30	Pass
VHT20	MCS0	2	144	5720	9.50	9.20	12.36	23.98		2.65		30	Pass
VHT40	MCS0	2	142	5710	9.60	9.10	12.37	23.98		2.65		30	Pass
VHT80	MCS0	2	138	5690	9.90	9.40	12.67	23.98		2.65		30	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	36	5180	Full	9.60	8.80	12.23	24.00		2.92		Pass
HE20	MCS0	2	36	5180	26/0	7.00	7.30	10.16	24.00		2.92		Pass
HE20	MCS0	2	44	5220	Full	9.80	8.70	12.30	24.00		2.92		Pass
HE20	MCS0	2	48	5240	Full	9.50	8.40	12.00	24.00		2.92		Pass
HE40	MCS0	2	38	5190	Full	9.90	8.90	12.44	24.00		2.92		Pass
HE40	MCS0	2	46	5230	Full	9.90	9.00	12.48	24.00		2.92		Pass
HE80	MCS0	2	42	5210	Full	9.90	8.90	12.44	24.00		2.92		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full	9.80	8.90	12.38	23.98		2.61		30	Pass
HE20	MCS0	2	60	5300	Full	9.50	9.00	12.27	23.98		2.61		30	Pass
HE20	MCS0	2	64	5320	Full	9.90	9.30	12.62	23.98		2.61		30	Pass
HE20	MCS0	2	64	5320	26/8	7.40	7.10	10.26	23.98		2.61		30	Pass
HE40	MCS0	2	54	5270	Full	9.50	8.40	12.00	23.98		2.61		30	Pass
HE40	MCS0	2	62	5310	Full	9.80	9.40	12.61	23.98		2.61		30	Pass
HE80	MCS0	2	58	5290	Full	9.60	9.00	12.32	23.98		2.61		30	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full	9.90	8.70	12.35	23.98		2.65		30	Pass
HE20	MCS0	2	100	5500	26/0	6.40	5.60	9.03	23.98		2.65		30	Pass
HE20	MCS0	2	116	5580	Full	9.90	9.20	12.57	23.98		2.65		30	Pass
HE20	MCS0	2	140	5700	Full	9.80	9.40	12.61	23.98		2.65		30	Pass
HE20	MCS0	2	140	5700	26/8	8.00	7.30	10.67	23.98		2.65		30	Pass
HE40	MCS0	2	102	5510	Full	9.90	8.60	12.31	23.98		2.65		30	Pass
HE40	MCS0	2	110	5550	Full	9.90	8.90	12.44	23.98		2.65		30	Pass
HE40	MCS0	2	134	5670	Full	9.90	9.30	12.62	23.98		2.65		30	Pass
HE80	MCS0	2	106	5530	Full	9.70	8.50	12.15	23.98		2.65		30	Pass
HE80	MCS0	2	122	5610	Full	9.80	9.10	12.47	23.98		2.65		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full	9.70	9.30	12.51	23.98		2.65		30	Pass
HE40	MCS0	2	142	5710	Full	9.90	9.40	12.67	23.98		2.65		30	Pass
HE80	MCS0	2	138	5690	Full	9.90	9.30	12.62	23.98		2.65		30	Pass



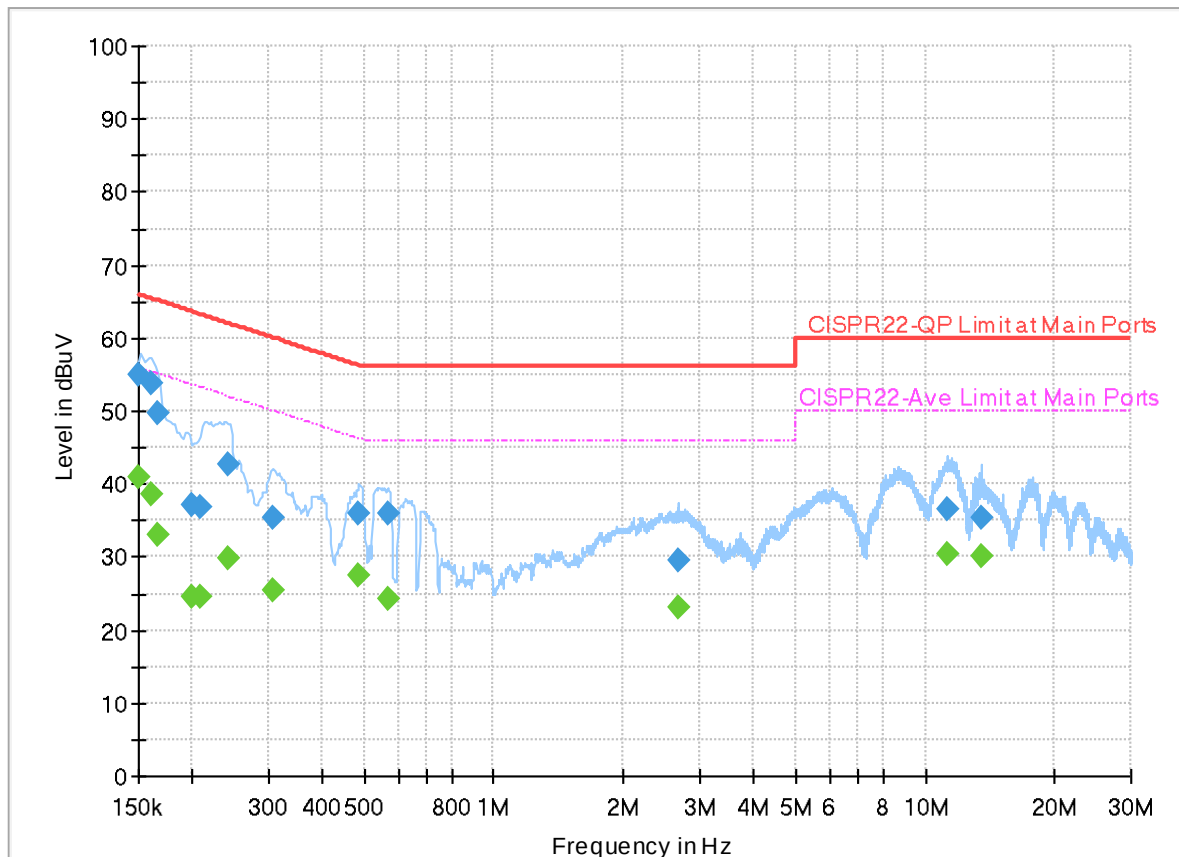
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	23.2~25.7℃
		Relative Humidity :	53.1~66.2%

EUT Information

Report NO : 290812
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final_Result

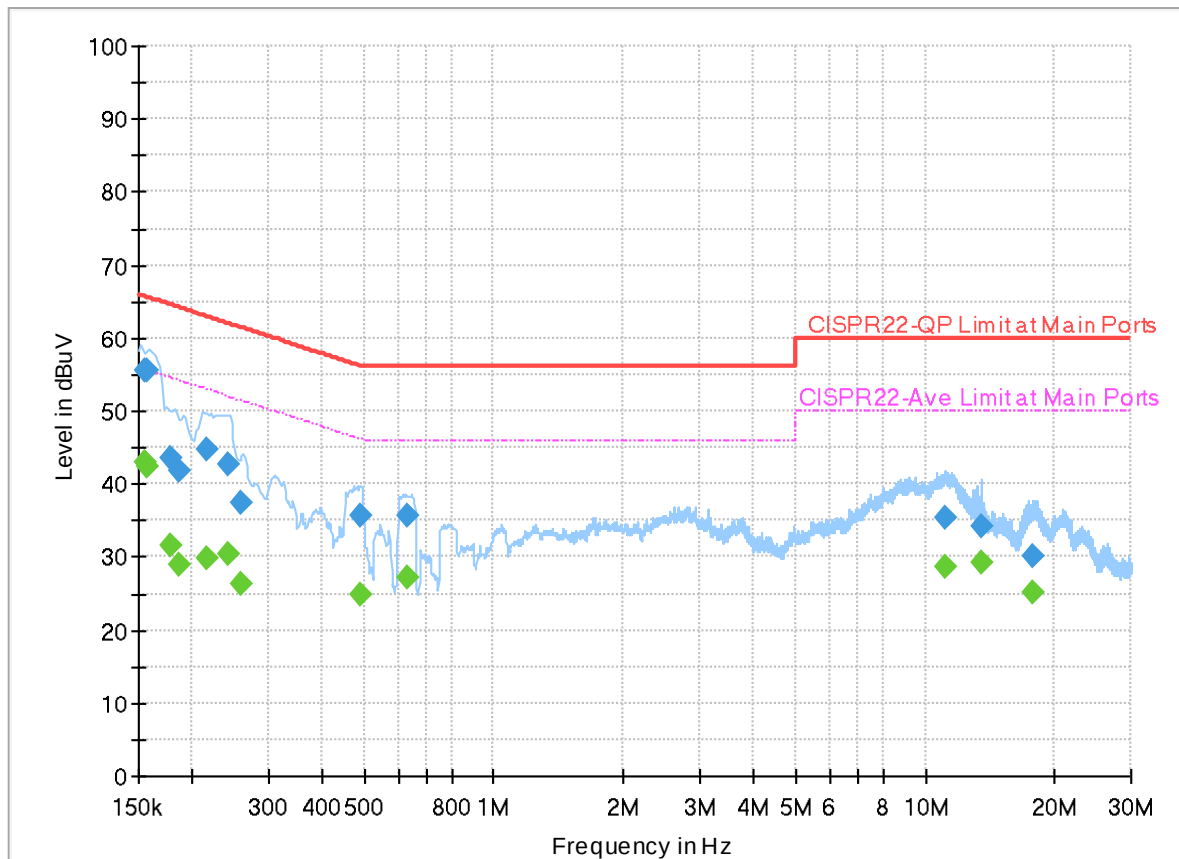
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	40.94	56.00	15.06	L1	OFF	20.0
0.150000	55.01	---	66.00	10.99	L1	OFF	20.0
0.159810	---	38.69	55.47	16.78	L1	OFF	20.0
0.159810	53.94	---	65.47	11.53	L1	OFF	20.0
0.166200	---	33.13	55.15	22.02	L1	OFF	20.0
0.166200	49.77	---	65.15	15.38	L1	OFF	20.0
0.199500	---	24.57	53.63	29.06	L1	OFF	20.0
0.199500	37.15	---	63.63	26.48	L1	OFF	20.0
0.208500	---	24.43	53.27	28.84	L1	OFF	20.0
0.208500	36.97	---	63.27	26.30	L1	OFF	20.0
0.242160	---	29.71	52.02	22.31	L1	OFF	20.0
0.242160	42.59	---	62.02	19.43	L1	OFF	20.0
0.309030	---	25.55	50.00	24.45	L1	OFF	20.0
0.309030	35.35	---	60.00	24.65	L1	OFF	20.0
0.483630	---	27.57	46.28	18.71	L1	OFF	20.0
0.483630	35.98	---	56.28	20.30	L1	OFF	20.0
0.566250	---	24.13	46.00	21.87	L1	OFF	20.0
0.566250	35.92	---	56.00	20.08	L1	OFF	20.0
2.675850	---	23.14	46.00	22.86	L1	OFF	20.0

2.675850	29.42	---	56.00	26.58	L1	OFF	20.0
11.283000	---	30.43	50.00	19.57	L1	OFF	20.2
11.283000	36.46	---	60.00	23.54	L1	OFF	20.2
13.557750	---	30.13	50.00	19.87	L1	OFF	20.2
13.557750	35.52	---	60.00	24.48	L1	OFF	20.2

EUT Information

Report NO : 290812
 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)
0.154658	55.53	---	65.75	10.22	N	OFF	20.0
0.154658	---	43.03	55.75	12.72	N	OFF	20.0
0.156750	55.42	---	65.63	10.21	N	OFF	20.0
0.156750	---	42.50	55.63	13.13	N	OFF	20.0
0.177180	43.59	---	64.62	21.03	N	OFF	20.0
0.177180	---	31.53	54.62	23.09	N	OFF	20.0
0.186360	41.71	---	64.20	22.49	N	OFF	20.0
0.186360	---	28.92	54.20	25.28	N	OFF	20.0
0.215250	44.82	---	63.00	18.18	N	OFF	20.0
0.215250	---	29.83	53.00	23.17	N	OFF	20.0
0.243330	42.73	---	61.98	19.25	N	OFF	20.0
0.243330	---	30.27	51.98	21.71	N	OFF	20.0
0.258360	37.51	---	61.48	23.97	N	OFF	20.0
0.258360	---	26.17	51.48	25.31	N	OFF	20.0
0.489750	35.81	---	56.17	20.36	N	OFF	20.0
0.489750	---	24.73	46.17	21.44	N	OFF	20.0
0.631500	35.80	---	56.00	20.20	N	OFF	20.0
0.631500	---	27.29	46.00	18.71	N	OFF	20.0
11.127750	35.25	---	60.00	24.75	N	OFF	20.2

11.127750	---	28.62	50.00	21.38	N	OFF	20.2
13.561530	34.12	---	60.00	25.88	N	OFF	20.2
13.561530	---	29.23	50.00	20.77	N	OFF	20.2
17.838780	30.04	---	60.00	29.96	N	OFF	20.3
17.838780	---	25.11	50.00	24.89	N	OFF	20.3



Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Li, JC Liang and John Chuang	Temperature :	19~22°C
		Relative Humidity :	65~70%



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.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.72	49.83	-24.17	74	41.92	32.9	12.75	37.74	100	146	P	H
		5150	41.7	-12.3	54	33.78	32.9	12.76	37.74	100	146	A	H
	*	5180	110.83	-	-	102.81	32.96	12.81	37.75	100	146	P	H
	*	5180	104.41	-	-	96.39	32.96	12.81	37.75	100	146	A	H
													H
													H
		5147.42	48.58	-25.42	74	40.66	32.91	12.75	37.74	118	273	P	V
		5150	39.03	-14.97	54	31.11	32.9	12.76	37.74	118	273	A	V
		1714	43.92	-24.28	68.2	47.54	24.94	7.36	35.92	118	273	P	V
	*	5180	99.38	-	-	91.36	32.96	12.81	37.75	118	273	P	V
		5758	47.29	-20.91	68.2	37.81	33.83	13.58	37.93	118	273	P	V
		1330	31.05	-22.95	54	34.49	25.82	6.47	35.73	118	273	A	V
	*	5180	99.38	-	-	91.36	32.96	12.81	37.75	118	273	A	V
802.11a CH 44 5220MHz		5071.4	50.16	-23.84	74	42.33	32.94	12.61	37.72	117	146	P	H
		5079.22	39.54	-14.46	54	31.68	32.96	12.62	37.72	117	146	A	H
	*	5220	112.15	-	-	104.07	32.96	12.89	37.77	117	146	P	H
	*	5220	105.2	-	-	97.12	32.96	12.89	37.77	117	146	A	H
		5365.44	48.54	-25.46	74	40.41	32.76	13.19	37.82	117	146	P	H
		5367.6	38.17	-15.83	54	30.03	32.77	13.19	37.82	117	146	A	H
		5044.88	48.24	-25.76	74	40.47	32.92	12.56	37.71	115	274	P	V
		5072.08	38.27	-15.73	54	30.44	32.94	12.61	37.72	115	274	A	V
		2656	45.06	-23.14	68.2	44.05	28.11	9.15	36.25	115	274	P	V
	*	5220	107.51	-	-	99.43	32.96	12.89	37.77	115	274	P	V
		5758	49.36	-18.84	68.2	39.88	33.83	13.58	37.93	115	274	P	V
	*	5220	100.41	-	-	92.33	32.96	12.89	37.77	115	274	A	V
		5429.76	48.56	-25.44	74	40.14	32.96	13.3	37.84	115	274	P	V
		5406	37.71	-16.29	54	29.37	32.91	13.27	37.84	115	274	A	V



WIFI Ant. 0	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		5073.1	50.69	-23.31	74	42.85	32.95	12.61	37.72	100	145	P	H
		5095.2	40.04	-13.96	54	32.12	32.99	12.65	37.72	100	145	A	H
	*	5240	112.64	-	-	104.57	32.92	12.93	37.78	100	145	P	H
	*	5240	105.42	-	-	97.35	32.92	12.93	37.78	100	145	A	H
		5353.2	48	-26	74	39.95	32.71	13.16	37.82	100	145	P	H
		5351.52	38.15	-15.85	54	30.1	32.71	13.16	37.82	100	145	A	H
		5110.16	49.22	-24.78	74	41.29	32.98	12.68	37.73	131	274	P	V
		5104.04	38.51	-15.49	54	30.58	32.99	12.67	37.73	131	274	A	V
	*	5240	108.36	-	-	100.29	32.92	12.93	37.78	131	274	P	V
		5758	47.17	-21.03	68.2	37.69	33.83	13.58	37.93	131	274	P	V
	*	5240	100.84	-	-	92.77	32.92	12.93	37.78	131	274	A	V
		5444.4	47.47	-26.53	74	39.01	32.99	13.32	37.85	131	274	P	V
		5400.24	37.51	-16.49	54	29.18	32.9	13.26	37.83	131	274	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. 0	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		10360	49.71	-18.49	68.2	33.63	38.78	18.91	41.61	-	-	P	H
		15540	50.15	-23.85	74	33.61	38.22	23.1	44.78	100	108	P	H
		15540	41.62	-12.38	54	25.08	38.22	23.1	44.78	100	108	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	49.88	-18.32	68.2	33.8	38.78	18.91	41.61	-	-	P	V
		15540	50.36	-23.64	74	33.82	38.22	23.1	44.78	105	314	P	V
		15540	41.65	-12.35	54	25.11	38.22	23.1	44.78	105	314	A	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 0	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	49.14	-19.06	68.2	33.1	38.74	18.99	41.69	-	-	P	H
		15660	50.23	-23.77	74	33.8	37.92	23.18	44.67	100	109	P	H
		15660	41.6	-12.4	54	25.17	37.92	23.18	44.67	100	109	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	49.51	-18.69	68.2	33.47	38.74	18.99	41.69	-	-	P	V
		15660	50.36	-23.64	74	33.93	37.92	23.18	44.67	110	333	P	V
		15660	41.64	-12.36	54	25.21	37.92	23.18	44.67	110	333	A	V
													V
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													V
													V

[illegible]



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0	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		5069.02	49.54	-24.46	74	41.71	32.94	12.6	37.71	106	145	P	H
		5112.54	39.85	-14.15	54	31.93	32.97	12.68	37.73	106	145	A	H
		2656	43.93	-24.27	68.2	42.92	28.11	9.15	36.25	106	145	P	H
	*	5260	112.64	-	-	104.55	32.9	12.97	37.78	106	145	P	H
	*	5260	104.97	-	-	96.88	32.9	12.97	37.78	106	145	A	H
		5369.76	48.36	-25.64	74	40.2	32.78	13.2	37.82	106	145	P	H
		5360.64	37.75	-16.25	54	29.65	32.74	13.18	37.82	106	145	A	H
		5070.04	49.5	-24.5	74	41.68	32.94	12.6	37.72	119	274	P	V
		5105.06	38.42	-15.58	54	30.49	32.99	12.67	37.73	119	274	A	V
	*	5260	107.73	-	-	99.64	32.9	12.97	37.78	119	274	P	V
		5758	48.06	-20.14	68.2	38.58	33.83	13.58	37.93	119	274	P	V
	*	5260	100.69	-	-	92.6	32.9	12.97	37.78	119	274	A	V
		5408.4	48.12	-25.88	74	39.77	32.92	13.27	37.84	119	274	P	V
		5402.4	37.76	-16.24	54	29.43	32.9	13.26	37.83	119	274	A	V
802.11a CH 60 5300MHz		5136.34	50.16	-23.84	74	42.24	32.93	12.73	37.74	100	133	P	H
		5135.32	39.55	-14.45	54	31.63	32.93	12.73	37.74	100	133	A	H
	*	5300	111.5	-	-	103.34	32.9	13.06	37.8	100	133	P	H
		5758	50.36	-17.84	68.2	40.88	33.83	13.58	37.93	100	133	P	H
	*	5300	104.24	-	-	96.08	32.9	13.06	37.8	100	133	A	H
		5350.32	48.49	-25.51	74	40.45	32.7	13.16	37.82	100	133	P	H
		5350.32	38.64	-15.36	54	30.6	32.7	13.16	37.82	100	133	A	H
		5030.6	48.25	-25.75	74	40.44	32.98	12.53	37.7	107	273	P	V
		5125.8	38.35	-15.65	54	30.43	32.95	12.71	37.74	107	273	A	V
	*	5300	108.85	-	-	100.69	32.9	13.06	37.8	107	273	P	V
		5758	48.99	-19.21	68.2	39.51	33.83	13.58	37.93	107	273	P	V
	*	5300	101.62	-	-	93.46	32.9	13.06	37.8	107	273	A	V
		5350.56	47.69	-26.31	74	39.65	32.7	13.16	37.82	107	273	P	V
		5350.8	38.14	-15.86	54	30.1	32.7	13.16	37.82	107	273	A	V



WIFI Ant. 0	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		2020	40.19	-28.01	68.2	41.81	26.52	7.97	36.11	100	293	P	H
	*	5320	109.92	-	-	101.81	32.82	13.1	37.81	100	293	P	H
		5758	50.39	-17.81	68.2	40.91	33.83	13.58	37.93	100	293	P	H
	*	5320	102.87	-	-	94.76	32.82	13.1	37.81	100	293	A	H
		5350.24	54.14	-19.86	74	46.1	32.7	13.16	37.82	100	293	P	H
		5350.08	45.72	-8.28	54	37.68	32.7	13.16	37.82	100	293	A	H
													H
													H
		1714	41.7	-26.5	68.2	45.32	24.94	7.36	35.92	100	275	P	V
	*	5320	109.05	-	-	100.94	32.82	13.1	37.81	100	275	P	V
		5758	51.43	-16.77	68.2	41.95	33.83	13.58	37.93	100	275	P	V
	*	5320	101.69	-	-	93.58	32.82	13.1	37.81	100	275	A	V
		5350.08	55.81	-18.19	74	47.77	32.7	13.16	37.82	100	275	P	V
		5350.08	44.6	-9.4	54	36.56	32.7	13.16	37.82	100	275	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. 0	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	50.7	-17.5	68.2	34.51	38.86	19.07	41.74	-	-	P	H
		15780	50.13	-23.87	74	33.63	37.8	23.25	44.55	100	98	P	H
		15780	41.63	-12.37	54	25.13	37.8	23.25	44.55	100	98	A	H
													H
													H
													H
													H
													H
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													H
													H
													H
													H
		10520	49.66	-18.54	68.2	33.47	38.86	19.07	41.74	-	-	P	V
		15780	49.3	-24.7	74	32.8	37.8	23.25	44.55	104	335	P	V
		15780	41.67	-12.33	54	25.17	37.8	23.25	44.55	104	335	A	V
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													V
													V
													V



WIFI Ant. 0	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	49.36	-24.64	74	32.83	39.1	19.15	41.72	102	123	P	H
		10600	41.19	-12.81	54	24.66	39.1	19.15	41.72	102	123	A	H
		15900	51.13	-22.87	74	34.35	37.9	23.32	44.44	100	147	P	H
		15900	41.87	-12.13	54	25.09	37.9	23.32	44.44	100	147	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	50.26	-23.74	74	33.73	39.1	19.15	41.72	100	330	P	V
		10600	41.3	-12.7	54	24.77	39.1	19.15	41.72	100	330	A	V
		15900	49.61	-24.39	74	32.83	37.9	23.32	44.44	101	328	P	V
		15900	41.9	-12.1	54	25.12	37.9	23.32	44.44	101	328	A	V
													V
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													V
													V
													V
													V
													V

[illegible]



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0	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		5386.16	47.18	-26.82	74	38.94	32.84	13.23	37.83	100	120	P	H
		5467.28	47.05	-21.15	68.2	38.59	32.97	13.35	37.86	100	120	P	H
		5350	38.21	-15.79	54	30.17	32.7	13.16	37.82	100	120	A	H
	*	5500	105.22	-	-	96.8	32.91	13.38	37.87	100	120	P	H
		5758	47.95	-20.25	68.2	38.47	33.83	13.58	37.93	100	120	P	H
	*	5500	98.1	-	-	89.68	32.9	13.39	37.87	100	120	A	H
		5449.68	48.66	-25.34	74	40.19	33	13.32	37.85	106	278	P	V
		5468.4	46.69	-21.51	68.2	38.24	32.96	13.35	37.86	106	278	P	V
		5363.12	37.84	-16.16	54	29.73	32.75	13.18	37.82	106	278	A	V
		2662	39.9	-28.3	68.2	38.86	28.12	9.16	36.24	106	278	P	V
	*	5500	107.53	-	-	99.11	32.9	13.39	37.87	106	278	P	V
		5758	48.69	-19.51	68.2	39.21	33.83	13.58	37.93	106	278	P	V
	*	5500	99.98	-	-	91.56	32.9	13.39	37.87	106	278	A	V
													V
802.11a CH 116 5580MHz		5397.28	48.55	-25.45	74	40.24	32.89	13.25	37.83	100	122	P	H
		5459.92	47.36	-26.64	74	38.9	32.98	13.34	37.86	100	122	P	H
		5420.08	37.98	-16.02	54	29.59	32.94	13.29	37.84	100	122	A	H
	*	5580	106.34	-	-	97.66	33.08	13.49	37.89	100	122	P	H
		5758	49.18	-19.02	68.2	39.7	33.83	13.58	37.93	100	122	P	H
	*	5580	99.63	-	-	90.95	33.08	13.49	37.89	100	122	A	H
		5745.155	48.44	-19.76	68.2	39.02	33.76	13.58	37.92	100	122	P	H
		5399.68	48.16	-25.84	74	39.83	32.9	13.26	37.83	106	276	P	V
		5463.52	46.91	-21.29	68.2	38.46	32.97	13.34	37.86	106	276	P	V
		5417.2	38.37	-15.63	54	30	32.93	13.28	37.84	106	276	A	V
	*	5580	107.66	-	-	98.98	33.08	13.49	37.89	106	276	P	V
		5758	48.99	-19.21	68.2	39.51	33.83	13.58	37.93	106	276	P	V
	*	5580	101.06	-	-	92.38	33.08	13.49	37.89	106	276	A	V
		5760.275	51.5	-16.7	68.2	42.01	33.84	13.58	37.93	106	276	P	V



WIFI Ant. 0	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	*	5700	109.75	-	-	100.7	33.4	13.56	37.91	100	353	P	H
		5758	49.81	-18.39	68.2	40.33	33.83	13.58	37.93	100	353	P	H
	*	5700	102.9	-	-	93.85	33.4	13.56	37.91	100	353	A	H
		5725.48	62.98	-5.22	68.2	53.73	33.6	13.57	37.92	100	353	P	H
													H
													H
													H
		1168	35.92	-38.08	74	39.67	25.83	6.1	35.68	118	239	P	V
		1336	39.78	-34.22	74	43.18	25.84	6.49	35.73	118	239	P	V
		1720	40.85	-33.15	74	44.48	24.92	7.37	35.92	118	239	P	V
		2662	46.74	-21.46	68.2	45.7	28.12	9.16	36.24	118	239	P	V
	*	5700	111.69	-	-	102.64	33.4	13.56	37.91	118	239	P	V
		5758	51.38	-16.82	68.2	41.9	33.83	13.58	37.93	118	239	P	V
		1168	31.39	-22.61	54	35.14	25.83	6.1	35.68	118	239	P	V
		1330	32.01	-21.99	54	35.45	25.82	6.47	35.73	118	239	P	V
	*	5700	104.85	-	-	95.8	33.4	13.56	37.91	118	239	A	V
		5726.44	62.93	-5.27	68.2	53.67	33.61	13.57	37.92	118	239	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0	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	50.29	-23.71	74	33.5	38.9	19.55	41.66	100	124	P	H
		11000	41.5	-12.5	54	24.71	38.9	19.55	41.66	100	124	A	H
		16500	51.18	-17.02	68.2	33.24	38.6	23.72	44.38	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	50.06	-23.94	74	33.27	38.9	19.55	41.66	100	288	P	V
		11000	41.41	-12.59	54	24.62	38.9	19.55	41.66	100	288	A	V
		16500	50.53	-17.67	68.2	32.59	38.6	23.72	44.38	-	-	P	V
													V
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													V
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													V
													V



WIFI Ant. 0	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	50.51	-23.49	74	33.75	39.06	19.68	41.98	100	116	P	H
		11160	41.48	-12.52	54	24.72	39.06	19.68	41.98	100	116	A	H
		16740	51.38	-16.82	68.2	33.46	38.44	23.88	44.4	-	-	P	H
													H
													H
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													H
													H
													H
													H
		11160	50.92	-23.08	74	34.16	39.06	19.68	41.98	108	254	P	V
		11160	41.43	-12.57	54	24.67	39.06	19.68	41.98	108	254	A	V
		16740	51.53	-16.67	68.2	33.61	38.44	23.88	44.4	-	-	P	V
													V
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WIFI Ant. 0	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	50.48	-23.52	74	33.68	39.4	19.86	42.46	105	118	P	H
		11400	41.46	-12.54	54	24.66	39.4	19.86	42.46	105	118	A	H
		17100	51.44	-16.76	68.2	33.89	38	24.11	44.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	50.57	-23.43	74	33.77	39.4	19.86	42.46	100	311	P	V
		11400	41.53	-12.47	54	24.73	39.4	19.86	42.46	100	311	A	V
		17100	50.06	-18.14	68.2	32.51	38	24.11	44.56	-	-	P	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 3 - Straddle Channel

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.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5452.18	46.78	-27.22	74	38.3	33	13.33	37.85	120	351	P	H
		5467.39	45.46	-22.74	68.2	37	32.97	13.35	37.86	120	351	P	H
		5459.98	37.14	-16.86	54	28.68	32.98	13.34	37.86	120	351	A	H
	*	5720	109.33	-	-	100.12	33.56	13.57	37.92	120	351	P	H
	*	5720	102.3	-	-	93.09	33.56	13.57	37.92	120	351	A	H
		5886.25	49.34	-18.86	68.2	39.25	34.3	13.74	37.95	120	351	P	H
		5452.96	46.96	-27.04	74	38.49	32.99	13.33	37.85	112	239	P	V
		5461.54	44.87	-23.33	68.2	36.41	32.98	13.34	37.86	112	239	P	V
		5459.59	37.21	-16.79	54	28.75	32.98	13.34	37.86	112	239	A	V
		1330	39.81	-34.19	74	43.25	25.82	6.47	35.73	112	239	P	V
		2656	41.9	-26.3	68.2	40.89	28.11	9.15	36.25	112	239	P	V
	*	5720	110.79	-	-	101.58	33.56	13.57	37.92	112	239	P	V
		1330	31.7	-22.3	54	35.14	25.82	6.47	35.73	112	239	A	V
	*	5720	104.42	-	-	95.21	33.56	13.57	37.92	112	239	A	V
		5874.5	49.61	-18.59	68.2	39.54	34.3	13.72	37.95	112	239	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

[illegible]



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		5030.42	49.07	-24.93	74	40.88	33.36	12.53	37.7	100	59	P	H
		5021.06	39.27	-14.73	54	31.12	33.34	12.51	37.7	100	59	A	H
		2020	41.12	-27.08	68.2	42.4	26.86	7.97	36.11	100	59	P	H
	*	5180	107.66	-	-	99.44	33.16	12.81	37.75	100	59	P	H
	*	5180	100.98	-	-	92.76	33.16	12.81	37.75	100	59	A	H
													H
		5000	48.64	-25.36	74	40.56	33.3	12.47	37.69	254	220	P	V
		5009.1	39.24	-14.76	54	31.12	33.32	12.49	37.69	254	220	A	V
		1330	40.63	-33.37	74	43.95	25.94	6.47	35.73	254	220	P	V
		2662	48.68	-19.52	68.2	47.26	28.5	9.16	36.24	254	220	P	V
	*	5180	108.13	-	-	99.91	33.16	12.81	37.75	254	220	P	V
		5758	50.55	-17.65	68.2	40.97	33.93	13.58	37.93	254	220	P	V
		1162	33.01	-20.99	54	36.66	25.95	6.08	35.68	254	220	A	V
		1330	32.99	-21.01	54	36.31	25.94	6.47	35.73	254	220	A	V
	*	5180	100.78	-	-	92.56	33.16	12.81	37.75	254	220	A	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 44 5220MHz		5061.36	50.14	-23.86	74	41.93	33.33	12.59	37.71	100	57	P	H
		5065.52	39.5	-14.5	54	31.31	33.31	12.59	37.71	100	57	A	H
		2020	41.25	-26.95	68.2	42.53	26.86	7.97	36.11	100	57	P	H
	*	5220	109.06	-	-	100.74	33.2	12.89	37.77	100	57	P	H
	*	5220	101.88	-	-	93.56	33.2	12.89	37.77	100	57	A	H
		5384.12	47.62	-26.38	74	39.25	32.97	13.23	37.83	100	57	P	H
		5354.44	37.96	-16.04	54	29.7	32.91	13.17	37.82	100	57	A	H
		5079.82	49.29	-24.71	74	41.17	33.22	12.62	37.72	262	220	P	V
		5063.44	39.45	-14.55	54	31.25	33.32	12.59	37.71	262	220	A	V
		1330	42.13	-31.87	74	45.45	25.94	6.47	35.73	262	220	P	V
		1498	40.61	-33.39	74	44	25.52	6.87	35.78	262	220	P	V
		2656	49.2	-19	68.2	47.8	28.5	9.15	36.25	262	220	P	V
	*	5220	107.89	-	-	99.57	33.2	12.89	37.77	262	220	P	V
		5758	49.75	-18.45	68.2	40.17	33.93	13.58	37.93	262	220	P	V
		1162	32.18	-21.82	54	35.83	25.95	6.08	35.68	262	220	A	V
		1330	32.02	-21.98	54	35.34	25.94	6.47	35.73	262	220	A	V
		1498	31.03	-22.97	54	34.42	25.52	6.87	35.78	262	220	A	V
	*	5220	100.5	-	-	92.18	33.2	12.89	37.77	262	220	A	V
		5418.84	47.85	-26.15	74	39.41	33	13.28	37.84	262	220	P	V
		5377.12	37.7	-16.3	54	29.37	32.95	13.21	37.83	262	220	A	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 48 5240MHz		5055.9	50.37	-23.63	74	42.14	33.36	12.58	37.71	100	58	P	H
		5075.4	39.56	-14.44	54	31.42	33.25	12.61	37.72	100	58	A	H
		2020	40.67	-27.53	68.2	41.95	26.86	7.97	36.11	100	58	P	H
	*	5240	108.62	-	-	100.27	33.2	12.93	37.78	100	58	P	H
	*	5240	102.17	-	-	93.82	33.2	12.93	37.78	100	58	A	H
		5350	47.19	-26.81	74	38.95	32.9	13.16	37.82	100	58	P	H
		5386.36	37.77	-16.23	54	29.4	32.97	13.23	37.83	100	58	A	H
		5074.62	49.78	-24.22	74	41.64	33.25	12.61	37.72	241	218	P	V
		5081.9	39.57	-14.43	54	31.45	33.21	12.63	37.72	241	218	A	V
		1330	43.93	-30.07	74	47.25	25.94	6.47	35.73	241	218	P	V
		1498	36.61	-37.39	74	40	25.52	6.87	35.78	241	218	P	V
		2662	49.52	-18.68	68.2	48.1	28.5	9.16	36.24	241	218	P	V
	*	5240	107.67	-	-	99.32	33.2	12.93	37.78	241	218	P	V
		5758	50.48	-17.72	68.2	40.9	33.93	13.58	37.93	241	218	P	V
		1330	33.61	-20.39	54	36.93	25.94	6.47	35.73	241	218	A	V
		1498	32.59	-21.41	54	35.98	25.52	6.87	35.78	241	218	A	V
	*	5240	100.44	-	-	92.09	33.2	12.93	37.78	241	218	A	V
		5429.48	47.33	-26.67	74	38.87	33	13.3	37.84	241	218	P	V
		5409.04	37.6	-16.4	54	29.17	33	13.27	37.84	241	218	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)

[illegible]



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	49.63	-18.57	68.2	33.58	38.74	19	41.69	-	-	P	H
		15660	51.27	-22.73	74	34.37	38.14	23.43	44.67	100	88	P	H
		15660	41.03	-12.97	54	24.13	38.14	23.43	44.67	100	88	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	50.35	-17.85	68.2	34.3	38.74	19	41.69	-	-	P	V
		15660	50.32	-23.68	74	33.42	38.14	23.43	44.67	117	332	P	V
		15660	41.33	-12.67	54	24.43	38.14	23.43	44.67	117	332	A	V
													V
													V
													V
													V
													V
													V
													V

[illegible]

**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		5136	50.26	-23.74	74	42.17	33.1	12.73	37.74	100	53	P	H
		5116.96	39.41	-14.59	54	31.35	33.1	12.69	37.73	100	53	A	H
		2020	40.19	-28.01	68.2	41.47	26.86	7.97	36.11	100	53	P	H
	*	5260	108.84	-	-	100.47	33.18	12.97	37.78	100	53	P	H
	*	5260	101.85	-	-	93.48	33.18	12.97	37.78	100	53	A	H
		5393.76	49.05	-24.95	74	40.64	32.99	13.25	37.83	100	53	P	H
		5395.68	37.99	-16.01	54	29.58	32.99	13.25	37.83	100	53	A	H
		5071.74	50.39	-23.61	74	42.23	33.27	12.61	37.72	238	216	P	V
		5086.7	39.66	-14.34	54	31.57	33.18	12.63	37.72	238	216	A	V
		1330	41.08	-32.92	74	44.4	25.94	6.47	35.73	238	216	P	V
		2662	47.27	-20.93	68.2	45.85	28.5	9.16	36.24	238	216	P	V
	*	5260	107.38	-	-	99.01	33.18	12.97	37.78	238	216	P	V
		5758	50.25	-17.95	68.2	40.67	33.93	13.58	37.93	238	216	P	V
		1330	35.03	-18.97	54	38.35	25.94	6.47	35.73	238	216	A	V
		2500	34.42	-19.58	54	33.88	28	8.86	36.32	238	216	A	V
	*	5260	99.72	-	-	91.35	33.18	12.97	37.78	238	216	A	V
		5451.84	47.34	-26.66	74	38.86	33	13.33	37.85	238	216	P	V
		5455.68	37.43	-16.57	54	28.94	33.01	13.33	37.85	238	216	A	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		5058.14	50.05	-23.95	74	41.83	33.35	12.58	37.71	100	55	P	H
		5139.4	39.72	-14.28	54	31.63	33.1	12.73	37.74	100	55	A	H
		2020	40.62	-27.58	68.2	41.9	26.86	7.97	36.11	100	55	P	H
	*	5300	109.4	-	-	101.04	33.1	13.06	37.8	100	55	P	H
	*	5300	102.11	-	-	93.75	33.1	13.06	37.8	100	55	A	H
		5355.84	48.05	-25.95	74	39.79	32.91	13.17	37.82	100	55	P	H
		5351.04	38.08	-15.92	54	29.84	32.9	13.16	37.82	100	55	A	H
		5086.7	49.74	-24.26	74	41.65	33.18	12.63	37.72	249	261	P	V
		5147.9	38.88	-15.12	54	30.77	33.1	12.75	37.74	249	261	A	V
		1330	39.82	-34.18	74	43.14	25.94	6.47	35.73	249	261	P	V
		2428	39.79	-28.41	68.2	39.69	27.67	8.72	36.29	249	261	P	V
	*	5300	108.07	-	-	99.71	33.1	13.06	37.8	249	261	P	V
		5758	49.49	-18.71	68.2	39.91	33.93	13.58	37.93	249	261	P	V
		1330	32.59	-21.41	54	35.91	25.94	6.47	35.73	249	261	A	V
	*	5300	100.56	-	-	92.2	33.1	13.06	37.8	249	261	A	V
		5439.12	48.65	-25.35	74	40.19	33	13.31	37.85	249	261	P	V
		5457.6	37.99	-16.01	54	29.49	33.02	13.33	37.85	249	261	A	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 64 5320MHz		2020	39.72	-28.48	68.2	41	26.86	7.97	36.11	100	51	P	H
	*	5320	109.1	-	-	100.79	33.02	13.1	37.81	100	51	P	H
		5758	48.96	-19.24	68.2	39.38	33.93	13.58	37.93	100	51	P	H
	*	5320	102.08	-	-	93.77	33.02	13.1	37.81	100	51	A	H
		5429.44	47.06	-26.94	74	38.6	33	13.3	37.84	100	51	P	H
		5350.08	38.54	-15.46	54	30.3	32.9	13.16	37.82	100	51	A	H
		1330	40.79	-33.21	74	44.11	25.94	6.47	35.73	250	253	P	V
	*	5320	108.88	-	-	100.57	33.02	13.1	37.81	250	253	P	V
		5758	50.7	-17.5	68.2	41.12	33.93	13.58	37.93	250	253	P	V
		1330	31.31	-22.69	54	34.63	25.94	6.47	35.73	250	253	P	V
	*	5320	101.4	-	-	93.09	33.02	13.1	37.81	250	253	A	V
		5374.88	47.76	-26.24	74	39.42	32.95	13.21	37.82	250	253	P	V
		5459.68	38.12	-15.88	54	29.62	33.02	13.34	37.86	250	253	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

[illegible]



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	50.51	-23.49	74	33.98	39.1	19.15	41.72	102	77	P	H
		10600	41.46	-12.54	54	24.93	39.1	19.15	41.72	102	77	A	H
		15900	50.8	-23.2	74	33.63	38	23.61	44.44	117	114	P	H
		15900	41.56	-12.44	54	24.39	38	23.61	44.44	117	114	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	50.15	-23.85	74	33.62	39.1	19.15	41.72	117	95	P	V
		10600	41.2	-12.8	54	24.67	39.1	19.15	41.72	117	95	A	V
		15900	51.57	-22.43	74	34.4	38	23.61	44.44	107	238	P	V
		15900	41.54	-12.46	54	24.37	38	23.61	44.44	107	238	A	V
													V
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[illegible]



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		5350.16	47.76	-26.24	74	39.52	32.9	13.16	37.82	200	36	P	H
		5469.2	46.83	-21.37	68.2	38.3	33.04	13.35	37.86	200	36	P	H
		5352.56	38.5	-15.5	54	30.25	32.91	13.16	37.82	200	36	A	H
		2008	40.13	-28.07	68.2	41.52	26.76	7.95	36.1	200	36	P	H
	*	5500	104.17	-	-	95.55	33.1	13.39	37.87	200	36	P	H
	*	5500	97.53	-	-	88.91	33.1	13.39	37.87	200	36	A	H
		5376.72	48.04	-25.96	74	39.71	32.95	13.21	37.83	250	251	P	V
		5466.64	46.79	-21.41	68.2	38.27	33.03	13.35	37.86	250	251	P	V
		5350.64	38.8	-15.2	54	30.56	32.9	13.16	37.82	250	251	A	V
	*	5500	106.73	-	-	98.11	33.1	13.39	37.87	250	251	P	V
	*	5500	99.51	-	-	90.89	33.1	13.39	37.87	250	251	A	V
													V
802.11a CH 116 5580MHz		5456.56	48.22	-25.78	74	39.73	33.01	13.33	37.85	100	125	P	H
		5468.32	44.88	-23.32	68.2	36.35	33.04	13.35	37.86	100	125	P	H
		5456.56	37.15	-16.85	54	28.66	33.01	13.33	37.85	100	125	A	H
		2020	38.97	-29.23	68.2	40.25	26.86	7.97	36.11	100	125	P	H
	*	5580	105.73	-	-	97.03	33.1	13.49	37.89	100	125	P	H
	*	5580	98.52	-	-	89.82	33.1	13.49	37.89	100	125	A	H
		5760.275	50.21	-17.99	68.2	40.62	33.94	13.58	37.93	100	125	P	H
		5446.24	47.25	-26.75	74	38.78	33	13.32	37.85	100	188	P	V
		5465.2	46.05	-22.15	68.2	37.54	33.03	13.34	37.86	100	188	P	V
		5455.6	37.52	-16.48	54	29.03	33.01	13.33	37.85	100	188	A	V
		1666	38.79	-35.21	74	41.93	25.5	7.25	35.89	100	188	P	V
		2662	44.65	-23.55	68.2	43.23	28.5	9.16	36.24	100	188	P	V
	*	5580	105.54	-	-	96.84	33.1	13.49	37.89	100	188	P	V
		1666	31.61	-22.39	54	34.75	25.5	7.25	35.89	100	188	A	V
	*	5580	99.14	-	-	90.44	33.1	13.49	37.89	100	188	A	V
		5726.255	49.5	-18.7	68.2	40.09	33.76	13.57	37.92	100	188	P	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 140 5700MHz		2020	39.68	-28.52	68.2	40.96	26.86	7.97	36.11	100	127	P	H
	*	5700	107.74	-	-	98.49	33.6	13.56	37.91	100	127	P	H
		5758	50.04	-18.16	68.2	40.46	33.93	13.58	37.93	100	127	P	H
	*	5700	100.87	-	-	91.62	33.6	13.56	37.91	100	127	A	H
		5759.8	49.75	-18.45	68.2	40.16	33.94	13.58	37.93	100	127	P	H
													H
		1330	40.21	-33.79	74	43.53	25.94	6.47	35.73	100	189	P	V
		2662	45.78	-22.42	68.2	44.36	28.5	9.16	36.24	100	189	P	V
	*	5700	107.21	39.01	68.2	97.96	33.6	13.56	37.91	100	189	P	V
		5758	48.93	-19.27	68.2	39.35	33.93	13.58	37.93	100	189	P	V
		1330	30.33	-23.67	54	33.65	25.94	6.47	35.73	100	189	A	V
	*	5700	100.1	46.1	54	90.85	33.6	13.56	37.91	100	189	A	V
		5760.04	49.85	-18.35	68.2	40.26	33.94	13.58	37.93	100	189	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz****WIFI 802.11a (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	51.08	-22.92	74	34.41	38.8	19.53	41.66	100	67	P	H
		11000	41.38	-12.62	54	24.71	38.8	19.53	41.66	100	67	A	H
		16500	51.7	-16.5	68.2	33.2	39	23.88	44.38	-	-	P	H
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		11000	50.33	-23.67	74	33.66	38.8	19.53	41.66	122	268	P	V
		11000	41.33	-12.67	54	24.66	38.8	19.53	41.66	122	268	A	V
		16500	51.36	-16.84	68.2	32.86	39	23.88	44.38	-	-	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 116 5580MHz		11160	50.31	-23.69	74	33.66	38.96	19.67	41.98	112	78	P	H
		11160	41.25	-12.75	54	24.6	38.96	19.67	41.98	112	78	A	H
		16740	51.98	-16.22	68.2	33.91	38.5	23.97	44.4	-	-	P	H
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		11160	50.73	-23.27	74	34.08	38.96	19.67	41.98	137	263	P	V
		11160	41.35	-12.65	54	24.7	38.96	19.67	41.98	137	263	A	V
		16740	50.94	-17.26	68.2	32.87	38.5	23.97	44.4	-	-	P	V
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[illegible]



Band 3 - Straddle Channel

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 144 5720MHz		5386.27	46.07	-27.93	74	37.7	32.97	13.23	37.83	108	128	P	H
		5465.44	44.7	-23.5	68.2	36.18	33.03	13.35	37.86	108	128	P	H
		5459.98	36.58	-17.42	54	28.08	33.02	13.34	37.86	108	128	A	H
		2020	38.35	-29.85	68.2	39.63	26.86	7.97	36.11	108	128	P	H
	*	5720	108.42	-	-	99.05	33.72	13.57	37.92	108	128	P	H
	*	5720	100.52	-	-	91.15	33.72	13.57	37.92	108	128	A	H
		5943.75	49.19	-19.01	68.2	38.93	34.4	13.83	37.97	108	128	P	H
		5432.68	45.7	-28.3	74	37.25	33	13.3	37.85	100	228	P	V
		5465.83	45.32	-22.88	68.2	36.8	33.03	13.35	37.86	100	228	P	V
		5459.2	36.82	-17.18	54	28.32	33.02	13.34	37.86	100	228	A	V
		1330	38.91	-35.09	74	42.23	25.94	6.47	35.73	100	228	P	V
	*	5720	106.3	38.1	68.2	96.93	33.72	13.57	37.92	100	228	P	V
		1162	31.8	-22.2	54	35.45	25.95	6.08	35.68	100	228	P	V
		1330	30.79	-23.21	54	34.11	25.94	6.47	35.73	100	228	P	V
	*	5720	100.49	46.49	54	91.12	33.72	13.57	37.92	100	228	A	V
		5931.75	49.19	-19.01	68.2	38.94	34.4	13.81	37.96	100	228	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
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 144 5720MHz		11440	50.38	-23.62	74	33.8	39.22	19.9	42.54	117	38	P	H
		11440	41.46	-12.54	54	24.88	39.22	19.9	42.54	117	38	A	H
		17160	51.1	-17.1	68.2	33.19	38.4	24.15	44.64	-	-	P	H
													H
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		11440	50.04	-23.96	74	33.46	39.22	19.9	42.54	127	329	P	V
		11440	41.5	-12.5	54	24.92	39.22	19.9	42.54	127	329	A	V
		17160	51.75	-16.45	68.2	33.84	38.4	24.15	44.64	-	-	P	V
													V
													V
													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 1 - 5150~5250MHz

WIFI 802.11n HT20 (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5148.2	54.39	-19.61	74	46.48	32.9	12.75	37.74	201	307	P	H
		5150	45.09	-8.91	54	37.17	32.9	12.76	37.74	201	307	A	H
		1918	37.79	-30.41	68.2	40.1	25.97	7.77	36.05	201	307	P	H
		2020	39.63	-28.57	68.2	41.25	26.52	7.97	36.11	201	307	P	H
	*	5180	108.07	-	-	100.05	32.96	12.81	37.75	201	307	P	H
		5758	53.85	-14.35	68.2	44.37	33.83	13.58	37.93	201	307	P	H
	*	5180	100.52	-	-	92.5	32.96	12.81	37.75	201	307	A	H
		5149.76	62.16	-11.84	74	54.25	32.9	12.75	37.74	141	340	P	V
		5150	52.9	-1.1	54	44.98	32.9	12.76	37.74	141	340	A	V
		2392	40.46	-27.74	68.2	40.8	27.27	8.66	36.27	141	340	P	V
	*	5180	115.09	-	-	107.07	32.96	12.81	37.75	141	340	P	V
		5758	52.7	-15.5	68.2	43.22	33.83	13.58	37.93	141	340	P	V
	*	5180	108.48	-	-	100.46	32.96	12.81	37.75	141	340	A	V
802.11n HT20 CH 44 5220MHz		5073.32	48.22	-25.78	74	40.38	32.95	12.61	37.72	202	320	P	H
		5120.38	38.39	-15.61	54	30.46	32.96	12.7	37.73	202	320	A	H
	*	5220	108.75	-	-	100.67	32.96	12.89	37.77	202	320	P	H
		5758	54.18	-14.02	68.2	44.7	33.83	13.58	37.93	202	320	P	H
	*	5220	102.34	-	-	94.26	32.96	12.89	37.77	202	320	A	H
		5401.76	47.49	-26.51	74	39.16	32.9	13.26	37.83	202	320	P	H
		5350.8	37.09	-16.91	54	29.05	32.7	13.16	37.82	202	320	A	H
		5094.64	50.94	-23.06	74	43.02	32.99	12.65	37.72	133	341	P	V
		5068.38	41.35	-12.65	54	33.52	32.94	12.6	37.71	133	341	A	V
	*	5220	115.65	-	-	107.57	32.96	12.89	37.77	133	341	P	V
		5758	53.02	-15.18	68.2	43.54	33.83	13.58	37.93	133	341	P	V
	*	5220	109.32	-	-	101.24	32.96	12.89	37.77	133	341	A	V
		5351.92	49.95	-24.05	74	41.9	32.71	13.16	37.82	133	341	P	V
		5368.44	40.78	-13.22	54	32.63	32.77	13.2	37.82	133	341	A	V



WIFI Ant. 0+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)
802.11n HT20 CH 48 5240MHz		5103.74	48.84	-25.16	74	40.91	32.99	12.67	37.73	202	320	P	H
		5140.4	38.57	-15.43	54	30.65	32.92	12.74	37.74	202	320	A	H
	*	5240	109.29	-	-	101.22	32.92	12.93	37.78	202	320	P	H
		5758	54.05	-14.15	68.2	44.57	33.83	13.58	37.93	202	320	P	H
	*	5240	102.91	-	-	94.84	32.92	12.93	37.78	202	320	A	H
		5438.72	47.76	-26.24	74	39.32	32.98	13.31	37.85	202	320	P	H
		5433.68	37.31	-16.69	54	28.89	32.97	13.3	37.85	202	320	A	H
		5137.54	51.83	-22.17	74	43.92	32.92	12.73	37.74	134	341	P	V
		5137.54	41.38	-12.62	54	33.47	32.92	12.73	37.74	134	341	A	V
		1330	39.73	-34.27	74	43.17	25.82	6.47	35.73	134	341	P	V
		2434	40.48	-27.72	68.2	40.6	27.44	8.73	36.29	134	341	P	V
		2668	42.9	-25.3	68.2	41.83	28.14	9.17	36.24	134	341	P	V
	*	5240	115.38	-	-	107.31	32.92	12.93	37.78	134	341	P	V
		5758	51.92	-16.28	68.2	42.44	33.83	13.58	37.93	134	341	P	V
		1330	30.78	-23.22	54	34.22	25.82	6.47	35.73	134	341	A	V
	*	5240	109	-	-	100.93	32.92	12.93	37.78	134	341	A	V
		5388.6	51.78	-22.22	74	43.52	32.85	13.24	37.83	134	341	P	V
		5378.8	41.07	-12.93	54	32.86	32.82	13.22	37.83	134	341	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 0+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)
802.11n HT20 CH 36 5180MHz		10360	51.31	-16.89	68.2	35.23	38.78	18.91	41.61	-	-	P	H
		15540	50.51	-23.49	74	33.97	38.22	23.1	44.78	100	137	P	H
		15540	41.68	-12.32	54	25.14	38.22	23.1	44.78	100	137	A	H
													H
													H
													H
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													H
													H
													H
													H
		10360	50.1	-18.1	68.2	34.02	38.78	18.91	41.61	-	-	P	V
		15540	51.22	-22.78	74	34.68	38.22	23.1	44.78	138	227	P	V
		15540	41.36	-12.64	54	24.82	38.22	23.1	44.78	138	227	A	V
													V
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													V
													V



WIFI Ant. 0+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)
802.11n HT20 CH 44 5220MHz		10440	50.05	-18.15	68.2	34.01	38.74	18.99	41.69	-	-	P	H
		15660	51.15	-22.85	74	34.72	37.92	23.18	44.67	100	137	P	H
		15660	41.31	-12.69	54	24.88	37.92	23.18	44.67	100	137	A	H
													H
													H
													H
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													H
													H
													H
		10440	49.59	-18.61	68.2	33.55	38.74	18.99	41.69	-	-	P	V
		15660	50.96	-23.04	74	34.53	37.92	23.18	44.67	137	255	P	V
		15660	41.22	-12.78	54	24.79	37.92	23.18	44.67	137	255	A	V
													V
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													V

[illegible]



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5035.1	48.6	-25.4	74	40.8	32.96	12.54	37.7	100	43	P	H
		5123.5	37.77	-16.23	54	29.85	32.95	12.7	37.73	100	43	A	H
	*	5180	106.86	-	-	98.84	32.96	12.81	37.75	100	43	P	H
	*	5180	101.43	-	-	93.41	32.96	12.81	37.75	100	43	A	H
													H
													H
		5075.66	49.53	-24.47	74	41.69	32.95	12.61	37.72	124	345	P	V
		5123.76	39.49	-14.51	54	31.56	32.95	12.71	37.73	124	345	A	V
	*	5180	113.99	-	-	105.97	32.96	12.81	37.75	124	345	P	V
	*	5180	108.48	-	-	100.46	32.96	12.81	37.75	124	345	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

[illegible]



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE40 Full CH 38 5190MHz		5149.76	54.34	-19.66	74	46.43	32.9	12.75	37.74	266	307	P	H
		5150	45.6	-8.4	54	37.68	32.9	12.76	37.74	266	307	A	H
		1336	38.75	-35.25	74	42.15	25.84	6.49	35.73	266	307	P	H
	*	5190	103.18	-	-	95.13	32.98	12.83	37.76	266	307	P	H
		5758	51.07	-17.13	68.2	41.59	33.83	13.58	37.93	266	307	P	H
	*	5190	95.45	-	-	87.4	32.98	12.83	37.76	266	307	A	H
		5450.76	45.7	-28.3	74	37.22	33	13.33	37.85	266	307	P	H
		5456.92	36.5	-17.5	54	28.03	32.99	13.33	37.85	266	307	A	H
		5145.6	61.64	-12.36	74	53.72	32.91	12.75	37.74	100	342	P	V
		5150	52.16	-1.84	54	44.24	32.9	12.76	37.74	100	342	A	V
	*	5190	112.96	-	-	104.91	32.98	12.83	37.76	100	342	P	V
		5758	48.31	-19.89	68.2	38.83	33.83	13.58	37.93	100	342	P	V
	*	5190	103.91	-	-	95.86	32.98	12.83	37.76	100	342	A	V
		5350.24	47.78	-26.22	74	39.74	32.7	13.16	37.82	100	342	P	V
		5350.24	39.55	-14.45	54	31.51	32.7	13.16	37.82	100	342	A	V



WIFI Ant. 0+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)
802.11ax HE40 Full CH 46 5230MHz		5070.46	47.52	-26.48	74	39.7	32.94	12.6	37.72	134	13	P	H
		5150	38.58	-15.42	54	30.66	32.9	12.76	37.74	134	13	A	H
	*	5230	105.88	-	-	97.8	32.94	12.91	37.77	134	13	P	H
	*	5230	99.55	-	-	91.47	32.94	12.91	37.77	134	13	A	H
		5406.52	47.15	-26.85	74	38.81	32.91	13.27	37.84	134	13	P	H
		5357.24	37.65	-16.35	54	29.57	32.73	13.17	37.82	134	13	A	H
		5149.5	52.68	-21.32	74	44.77	32.9	12.75	37.74	100	340	P	V
		5150	43.36	-10.64	54	35.44	32.9	12.76	37.74	100	340	A	V
	*	5230	112.92	-	-	104.84	32.94	12.91	37.77	100	340	P	V
		5758	50.32	-17.88	68.2	40.84	33.83	13.58	37.93	100	340	P	V
	*	5230	105.3	-	-	97.22	32.94	12.91	37.77	100	340	A	V
		5426.12	49.48	-24.52	74	41.08	32.95	13.29	37.84	100	340	P	V
		5366.2	40.47	-13.53	54	32.34	32.76	13.19	37.82	100	340	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]



Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE80 Full CH 42 5210MHz		5144.56	55.68	-18.32	74	47.77	32.91	12.74	37.74	114	315	P	H
		5149.24	44.7	-9.3	54	36.79	32.9	12.75	37.74	114	315	A	H
		1402	40.1	-33.9	74	43.81	25.41	6.63	35.75	114	315	P	H
	*	5210	102.82	-	-	94.74	32.98	12.87	37.77	114	315	P	H
		5758	50.33	-17.87	68.2	40.85	33.83	13.58	37.93	114	315	P	H
	*	5210	95.16	-	-	87.08	32.98	12.87	37.77	114	315	A	H
		5411.9	46.53	-27.47	74	38.17	32.92	13.28	37.84	114	315	P	H
		5350.8	37.08	-16.92	54	29.04	32.7	13.16	37.82	114	315	A	H
		5147.94	64.18	-9.82	74	56.27	32.9	12.75	37.74	100	343	P	V
		5150	51.82	-2.18	54	43.9	32.9	12.76	37.74	100	343	A	V
		2428	39.67	-28.53	68.2	39.83	27.41	8.72	36.29	100	343	P	V
	*	5210	111	-	-	102.92	32.98	12.87	37.77	100	343	P	V
	*	5210	100.77	-	-	92.69	32.98	12.87	37.77	100	343	A	V
		5371.6	49.37	-24.63	74	41.2	32.79	13.2	37.82	100	343	P	V
		5350.02	40.64	-13.36	54	32.6	32.7	13.16	37.82	100	343	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

[illegible]

**Band 2 - 5250~5350MHz****WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 0+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)
802.11n HT20 CH 52 5260MHz		5125.12	48.83	-25.17	74	40.91	32.95	12.71	37.74	204	318	P	H
		5109.48	38.09	-15.91	54	30.16	32.98	12.68	37.73	204	318	A	H
	*	5260	108.02	-	-	99.93	32.9	12.97	37.78	204	318	P	H
		5758	53.07	-15.13	68.2	43.59	33.83	13.58	37.93	204	318	P	H
	*	5260	100.39	-	-	92.3	32.9	12.97	37.78	204	318	A	H
		5434.32	46.5	-27.5	74	38.08	32.97	13.3	37.85	204	318	P	H
		5445.36	37.04	-16.96	54	28.58	32.99	13.32	37.85	204	318	A	H
		5126.48	53.02	-20.98	74	45.1	32.95	12.71	37.74	131	331	P	V
		5138.04	40.82	-13.18	54	32.91	32.92	12.73	37.74	131	331	A	V
	*	5260	115.87	-	-	107.78	32.9	12.97	37.78	131	331	P	V
		5758	52.94	-15.26	68.2	43.46	33.83	13.58	37.93	131	331	P	V
	*	5260	109.23	-	-	101.14	32.9	12.97	37.78	131	331	A	V
		5410.56	50.3	-23.7	74	41.95	32.92	13.27	37.84	131	331	P	V
		5363.28	40.94	-13.06	54	32.83	32.75	13.18	37.82	131	331	A	V



WIFI Ant. 0+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)
802.11n HT20 CH 60 5300MHz		5145.86	48.5	-25.5	74	40.58	32.91	12.75	37.74	203	321	P	H
		5101.32	37.88	-16.12	54	29.95	33	12.66	37.73	203	321	A	H
	*	5300	106.15	-	-	97.99	32.9	13.06	37.8	203	321	P	H
		5758	53.56	-14.64	68.2	44.08	33.83	13.58	37.93	203	321	P	H
	*	5300	98.96	-	-	90.8	32.9	13.06	37.8	203	321	A	H
		5456.88	48.08	-25.92	74	39.61	32.99	13.33	37.85	203	321	P	H
		5459.52	37.35	-16.65	54	28.89	32.98	13.34	37.86	203	321	A	H
		5142.8	50.98	-23.02	74	43.07	32.91	12.74	37.74	124	329	P	V
		5107.1	41.1	-12.9	54	33.17	32.99	12.67	37.73	124	329	A	V
		1714	34.25	-33.95	68.2	37.87	24.94	7.36	35.92	124	329	P	V
	*	5300	117.23	-	-	109.07	32.9	13.06	37.8	124	329	P	V
		5758	52.6	-15.6	68.2	43.12	33.83	13.58	37.93	124	329	P	V
		1042	32.85	-21.15	54	37.86	24.87	5.76	35.64	124	329	A	V
	*	5300	109.81	-	-	101.65	32.9	13.06	37.8	124	329	A	V
		5300	109.81	55.81	54	101.65	32.9	13.06	37.8	124	329	A	V
		5439.6	51.2	-22.8	74	42.76	32.98	13.31	37.85	124	329	P	V
		5356.08	40.85	-13.15	54	32.78	32.72	13.17	37.82	124	329	A	V



WIFI Ant. 0+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)
802.11n HT20 CH 64 5320MHz		2020	40.02	-28.18	68.2	41.64	26.52	7.97	36.11	151	4	P	H
	*	5320	110.69	-	-	102.58	32.82	13.1	37.81	151	4	P	H
		5758	49.14	-19.06	68.2	39.66	33.83	13.58	37.93	151	4	P	H
	*	5320	103.73	-	-	95.62	32.82	13.1	37.81	151	4	A	H
		5350.08	51.78	-22.22	74	43.74	32.7	13.16	37.82	151	4	P	H
		5350.08	41.17	-12.83	54	33.13	32.7	13.16	37.82	151	4	A	H
													H
													H
	*	5320	116.02	-	-	107.91	32.82	13.1	37.81	144	332	P	V
		5758	51.85	-16.35	68.2	42.37	33.83	13.58	37.93	144	332	P	V
	*	5320	109.12	-	-	101.01	32.82	13.1	37.81	144	332	A	V
		5350.56	55.16	-18.84	74	47.12	32.7	13.16	37.82	144	332	P	V
		5350.08	46.68	-7.32	54	38.64	32.7	13.16	37.82	144	332	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0+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)
802.11n HT20 CH 52 5260MHz		10520	50.3	-17.9	68.2	34.11	38.86	19.07	41.74	-	-	P	H
		15780	50.51	-23.49	74	34.01	37.8	23.25	44.55	117	318	P	H
		15780	41.18	-12.82	54	24.68	37.8	23.25	44.55	117	318	A	H
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													H
		10520	50.17	-18.03	68.2	33.98	38.86	19.07	41.74	-	-	P	V
		15780	50.33	-23.67	74	33.83	37.8	23.25	44.55	114	237	P	V
		15780	41.32	-12.68	54	24.82	37.8	23.25	44.55	114	237	A	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 0+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)
802.11n HT20 CH 60 5300MHz		10600	50.53	-23.47	74	34	39.1	19.15	41.72	100	334	P	H
		10600	41.51	-12.49	54	24.98	39.1	19.15	41.72	100	334	A	H
		15900	51.78	-22.22	74	35	37.9	23.32	44.44	100	278	P	H
		15900	41.6	-12.4	54	24.82	37.9	23.32	44.44	100	278	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	51.45	-22.55	74	34.92	39.1	19.15	41.72	105	228	P	V
		10600	41.56	-12.44	54	25.03	39.1	19.15	41.72	105	228	A	V
		15900	50.45	-23.55	74	33.67	37.9	23.32	44.44	110	317	P	V
		15900	41.6	-12.4	54	24.82	37.9	23.32	44.44	110	317	A	V
													V
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													V
													V
													V

[illegible]


Band 2 5250~5350MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	110.63	-	-	102.52	32.82	13.1	37.81	104	9	P	H
		5758	48.24	-19.96	68.2	38.76	33.83	13.58	37.93	104	9	P	H
	*	5320	102.59	-	-	94.48	32.82	13.1	37.81	104	9	A	H
		5453.92	46.47	-27.53	74	38	32.99	13.33	37.85	104	9	P	H
		5376.16	36.41	-17.59	54	28.23	32.8	13.21	37.83	104	9	A	H
													H
													H
	*	5320	116.45	-	-	108.34	32.82	13.1	37.81	105	331	P	V
		5758	52.32	-15.88	68.2	42.84	33.83	13.58	37.93	105	331	P	V
	*	5320	109.82	-	-	101.71	32.82	13.1	37.81	105	331	A	V
		5376.96	47.63	-26.37	74	39.44	32.81	13.21	37.83	105	331	P	V
		5376.32	39.6	-14.4	54	31.41	32.81	13.21	37.83	105	331	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 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz		10640	51.07	-22.93	74	34.5	39.1	19.19	41.72	112	129	P	H
		10640	41.85	-12.15	54	25.28	39.1	19.19	41.72	112	129	A	H
		15960	49.99	-24.01	74	33.05	37.96	23.36	44.38	109	136	P	H
		15960	40.77	-13.23	54	23.83	37.96	23.36	44.38	109	136	A	H
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													H
		10640	50.78	-23.22	74	34.21	39.1	19.19	41.72	124	310	P	V
		10640	41.56	-12.44	54	24.99	39.1	19.19	41.72	124	310	A	V
		15960	49.57	-24.43	74	32.63	37.96	23.36	44.38	113	329	P	V
		15960	40.35	-13.65	54	23.41	37.96	23.36	44.38	113	329	A	V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE40 Full CH 54 5270MHz		5096.3	48.51	-25.49	74	40.59	32.99	12.65	37.72	147	12	P	H
		5114.3	38.07	-15.93	54	30.14	32.97	12.69	37.73	147	12	A	H
	*	5270	110.15	-	-	102.05	32.9	12.99	37.79	147	12	P	H
		5758	48.39	-19.81	68.2	38.91	33.83	13.58	37.93	147	12		
	*	5270	100.29	-	-	92.19	32.9	12.99	37.79	147	12	A	H
		5442.48	47.73	-26.27	74	39.28	32.98	13.32	37.85	147	12	P	H
		5351.28	37.66	-16.34	54	29.61	32.71	13.16	37.82	147	12	A	H
		5135	49.94	-24.06	74	42.02	32.93	12.73	37.74	157	330	P	V
		5119.7	40.64	-13.36	54	32.71	32.96	12.7	37.73	157	330	A	V
		1330	39.75	-34.25	74	43.19	25.82	6.47	35.73	157	330	P	V
	*	5270	113.46	-	-	105.36	32.9	12.99	37.79	157	330	P	V
		5758	49.2	-19	68.2	39.72	33.83	13.58	37.93	157	330	P	V
		1330	30.49	-23.51	54	33.93	25.82	6.47	35.73	157	330	A	V
	*	5270	106.37	-	-	98.27	32.9	12.99	37.79	157	330	A	V
		5358.96	51.56	-22.44	74	43.46	32.74	13.18	37.82	157	330	P	V
		5350.08	41.24	-12.76	54	33.2	32.7	13.16	37.82	157	330	A	V



WIFI Ant. 0+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)
802.11ax HE40 Full CH 62 5310MHz		5114.92	47.4	-26.6	74	39.47	32.97	12.69	37.73	107	283	P	H
		5104.72	37.9	-16.1	54	29.97	32.99	12.67	37.73	107	283	A	H
	*	5310	106.27	-	-	98.13	32.86	13.08	37.8	107	283	P	H
		5758	51.46	-16.74	68.2	41.98	33.83	13.58	37.93	107	283	P	H
	*	5310	99.04	-	-	90.9	32.86	13.08	37.8	107	283	A	H
		5358.48	53.27	-20.73	74	45.19	32.73	13.17	37.82	107	283	P	H
		5350.08	47.36	-6.64	54	39.32	32.7	13.16	37.82	107	283	A	H
		5149.94	49.81	-24.19	74	41.9	32.9	12.75	37.74	129	327	P	V
		5149.6	40.11	-13.89	54	32.2	32.9	12.75	37.74	129	327	A	V
	*	5310	112.45	-	-	104.31	32.86	13.08	37.8	129	327	P	V
		5758	51.81	-16.39	68.2	42.33	33.83	13.58	37.93	129	327	P	V
	*	5310	105.31	-	-	97.17	32.86	13.08	37.8	129	327	A	V
		5350.08	61.13	-12.87	74	53.09	32.7	13.16	37.82	129	327	P	V
		5350.08	53.32	-0.68	54	45.28	32.7	13.16	37.82	129	327	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI Ant. 0+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)
802.11ax HE40 Full CH 54 5270MHz		10540	50.34	-17.86	68.2	34.06	38.92	19.09	41.73	-	-	P	H
		15810	49.62	-24.38	74	33.06	37.81	23.27	44.52	148	227	P	H
		15810	41.38	-12.62	54	24.82	37.81	23.27	44.52	148	227	A	H
													H
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													H
													H
													H
		10540	49.87	-18.33	68.2	33.59	38.92	19.09	41.73	-	-	P	V
		15810	49.62	-24.38	74	33.06	37.81	23.27	44.52	123	327	P	V
		15810	41.29	-12.71	54	24.73	37.81	23.27	44.52	123	327	A	V
													V
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[illegible]



Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE80 Full CH 58 5290MHz		5136.5	47.22	-26.78	74	39.3	32.93	12.73	37.74	110	16	P	H
		5149.1	37.69	-16.31	54	29.78	32.9	12.75	37.74	110	16	A	H
	*	5290	101.99	-	-	93.85	32.9	13.03	37.79	110	16	P	H
		5758	49.05	-19.15	68.2	39.57	33.83	13.58	37.93	110	16	P	H
	*	5290	94.16	-	-	86.02	32.9	13.03	37.79	110	16	A	H
		5358.48	57.21	-16.79	74	49.13	32.73	13.17	37.82	110	16	P	H
		5350.56	47.82	-6.18	54	39.78	32.7	13.16	37.82	110	16	A	H
		5114.9	51.31	-22.69	74	43.38	32.97	12.69	37.73	127	331	P	V
		5150	38.95	-15.05	54	31.03	32.9	12.76	37.74	127	331	A	V
	*	5290	107.82	-	-	99.68	32.9	13.03	37.79	127	331	P	V
		5758	49.76	-18.44	68.2	40.28	33.83	13.58	37.93	127	331	P	V
	*	5290	99.68	-	-	91.54	32.9	13.03	37.79	127	331	A	V
		5355.6	63.53	-10.47	74	55.46	32.72	13.17	37.82	127	331	P	V
		5352.96	53.13	-0.87	54	45.08	32.71	13.16	37.82	127	331	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

[illegible]



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11n HT20 CH 100 5500MHz		5445.2	47.13	-26.87	74	38.67	32.99	13.32	37.85	212	353	P	H
		5467.12	46.16	-22.04	68.2	37.7	32.97	13.35	37.86	212	353	P	H
		5453.84	37.28	-16.72	54	28.81	32.99	13.33	37.85	212	353	A	H
		1042	40.67	-33.33	74	45.68	24.87	5.76	35.64	212	353	P	H
		1558	39.83	-34.17	74	43.16	25.48	7.01	35.82	212	353	P	H
	*	5500	107.84	-	-	99.42	32.9	13.39	37.87	212	353	P	H
		5758	49.26	-18.94	68.2	39.78	33.83	13.58	37.93	212	353	P	H
		1042	37.5	-16.5	54	42.51	24.87	5.76	35.64	212	353	A	H
		1558	34.48	-19.52	54	37.81	25.48	7.01	35.82	212	353	A	H
	*	5500	101.15	-	-	92.73	32.9	13.39	37.87	212	353	A	H
													H
		5382.16	50.72	-23.28	74	42.5	32.83	13.22	37.83	242	33	P	V
		5470	49.77	-18.43	68.2	41.32	32.96	13.35	37.86	242	33	P	V
		5358.48	40.4	-13.6	54	32.32	32.73	13.17	37.82	242	33	A	V
		1330	37.7	-36.3	74	41.14	25.82	6.47	35.73	242	33	P	V
		5500	114.36	46.16	68.2	105.94	32.9	13.39	37.87	242	33	P	V
	*	5500	114.36	-	-	105.94	32.9	13.39	37.87	242	33	P	V
		1330	30.77	-23.23	54	34.21	25.82	6.47	35.73	242	33	A	V
	*	5500	107.1	-	-	98.68	32.9	13.39	37.87	242	33	A	V
													V



WIFI Ant. 0+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)
802.11n HT20 CH 116 5580MHz		5446	46.7	-27.3	74	38.24	32.99	13.32	37.85	224	349	P	H
		5461.12	46.17	-22.03	68.2	37.71	32.98	13.34	37.86	224	349	P	H
		5444.32	37.36	-16.64	54	28.9	32.99	13.32	37.85	224	349	A	H
	*	5580	109.99	-	-	101.31	33.08	13.49	37.89	224	349	P	H
		5758	49.33	-18.87	68.2	39.85	33.83	13.58	37.93	224	349	P	H
	*	5580	104.08	-	-	95.4	33.08	13.49	37.89	224	349	A	H
		5760.275	49.81	-18.39	68.2	40.32	33.84	13.58	37.93	224	349	P	H
		5452.96	51.45	-22.55	74	42.98	32.99	13.33	37.85	226	32	P	V
		5464.48	49.51	-18.69	68.2	41.06	32.97	13.34	37.86	226	32	P	V
		5437.6	40.92	-13.08	54	32.48	32.98	13.31	37.85	226	32	A	V
	*	5580	114.6	-	-	105.92	33.08	13.49	37.89	226	32	P	V
		5758	51.75	-16.45	68.2	42.27	33.83	13.58	37.93	226	32	P	V
	*	5580	107.67	-	-	98.99	33.08	13.49	37.89	226	32	A	V
		5760.275	52.43	-15.77	68.2	42.94	33.84	13.58	37.93	226	32	P	V
802.11n HT20 CH 140 5700MHz		1918	37.97	-30.23	68.2	40.28	25.97	7.77	36.05	201	319	P	H
	*	5700	114.41	-	-	105.36	33.4	13.56	37.91	201	319	P	H
		5758	53.06	-15.14	68.2	43.58	33.83	13.58	37.93	201	319	P	H
	*	5700	106.83	-	-	97.78	33.4	13.56	37.91	201	319	A	H
		5725.48	59.97	-8.23	68.2	50.72	33.6	13.57	37.92	201	319	P	H
													H
	*	5700	114.91	-	-	105.86	33.4	13.56	37.91	100	322	P	V
		5758	50.56	-17.64	68.2	41.08	33.83	13.58	37.93	100	322	P	V
	*	5700	106.96	-	-	97.91	33.4	13.56	37.91	100	322	A	V
		5725.24	61.36	-6.84	68.2	52.11	33.6	13.57	37.92	100	322	P	V
Remark													V
	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz****WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 0+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)
802.11n HT20 CH 100 5500MHz		11000	50.93	-23.07	74	34.14	38.9	19.55	41.66	100	222	P	H
		11000	41.67	-12.33	54	24.88	38.9	19.55	41.66	100	222	A	H
		16500	51.18	-17.02	68.2	33.24	38.6	23.72	44.38	-	-	P	H
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													H
													H
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													H
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													H
													H
													H
													H
		11000	50.98	-23.02	74	34.19	38.9	19.55	41.66	127	119	P	V
		11000	41.82	-12.18	54	25.03	38.9	19.55	41.66	127	119	A	V
		16500	52.32	-15.88	68.2	34.38	38.6	23.72	44.38	-	-	P	V
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WIFI Ant. 0+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)
802.11n HT20 CH 116 5580MHz		11160	51.17	-22.83	74	34.41	39.06	19.68	41.98	100	288	P	H
		11160	41.82	-12.18	54	25.06	39.06	19.68	41.98	100	288	A	H
		16740	51.62	-16.58	68.2	33.7	38.44	23.88	44.4	-	-	P	H
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													H
													H
		11160	51.06	-22.94	74	34.3	39.06	19.68	41.98	117	315	P	V
		11160	41.78	-12.22	54	25.02	39.06	19.68	41.98	117	315	A	V
		16740	51.8	-16.4	68.2	33.88	38.44	23.88	44.4	-	-	P	V
													V
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[illegible]

**Band 3 - 5470~5725MHz****WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)**

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5357.2	46.86	-27.14	74	38.78	32.73	13.17	37.82	126	6	P	H
		5461.84	46.76	-21.44	68.2	38.3	32.98	13.34	37.86	126	6	P	H
		5444.08	36.63	-17.37	54	28.17	32.99	13.32	37.85	126	6	A	H
	*	5500	106.5	-	-	98.08	32.9	13.39	37.87	126	6	P	H
	*	5500	100.65	-	-	92.23	32.9	13.39	37.87	126	6	A	H
													H
		5369.2	47.68	-26.32	74	39.52	32.78	13.2	37.82	100	332	P	V
		5465.68	45.97	-22.23	68.2	37.51	32.97	13.35	37.86	100	332	P	V
		5443.76	38.7	-15.3	54	30.24	32.99	13.32	37.85	100	332	A	V
		5302	48.53	-19.67	68.2	40.38	32.89	13.06	37.8	100	332	P	V
	*	5500	114.34	-	-	105.92	32.9	13.39	37.87	100	332	P	V
		5758	48.14	-20.06	68.2	38.66	33.83	13.58	37.93	100	332	P	V
	*	5500	106.53	-	-	98.11	32.9	13.39	37.87	100	332	A	V
													V



WIFI Ant. 0+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)
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	112.67	-	-	103.62	33.4	13.56	37.91	100	6	P	H
		5758	48.11	-20.09	68.2	38.63	33.83	13.58	37.93	100	6	P	H
	*	5700	105.5	-	-	96.45	33.4	13.56	37.91	100	6	A	H
		5759.72	48.87	-19.33	68.2	39.38	33.84	13.58	37.93	100	6	P	H
													H
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													H
		5518	50.35	-17.85	68.2	41.91	32.9	13.41	37.87	102	331	P	V
	*	5700	112.91	-	-	103.86	33.4	13.56	37.91	102	331	P	V
		5758	48.43	-19.77	68.2	38.95	33.83	13.58	37.93	102	331	P	V
	*	5700	105.37	-	-	96.32	33.4	13.56	37.91	102	331	A	V
		5727.08	49.04	-19.16	68.2	39.77	33.62	13.57	37.92	102	331	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/0 CH 100 5500MHz		11000	50.7	-23.3	74	33.91	38.9	19.55	41.66	122	131	P	H
		11000	41.48	-12.52	54	24.69	38.9	19.55	41.66	122	131	A	H
		16500	49.84	-18.36	68.2	31.9	38.6	23.72	44.38	-	-	P	H
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		11000	51.52	-22.48	74	34.73	38.9	19.55	41.66	117	311	P	V
		11000	42.3	-11.7	54	25.51	38.9	19.55	41.66	117	311	A	V
		16500	50.96	-17.24	68.2	33.02	38.6	23.72	44.38	-	-	P	V
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WIFI Ant. 0+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)
s802.11ax HE20 Partial 26/8 CH 140 5700MHz		11400	50.03	-23.97	74	33.23	39.4	19.86	42.46	115	142	P	H
		11400	40.81	-13.19	54	24.01	39.4	19.86	42.46	115	142	A	H
		17100	52.34	-15.86	68.2	34.79	38	24.11	44.56	-	-	P	H
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		11400	50.6	-23.4	74	33.8	39.4	19.86	42.46	121	307	P	V
		11400	41.38	-12.62	54	24.58	39.4	19.86	42.46	121	307	A	V
		17100	50.5	-17.7	68.2	32.95	38	24.11	44.56	-	-	P	V
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**Band 3 5470~5725MHz****WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 0+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)
802.11ax HE40 Full CH 102 5510MHz		5459.92	49.23	-24.77	74	40.77	32.98	13.34	37.86	112	0	P	H
		5460.88	54.33	-13.87	68.2	45.87	32.98	13.34	37.86	112	0	P	H
		5459.92	41.02	-12.98	54	32.56	32.98	13.34	37.86	112	0	A	H
		2020	38.11	-30.09	68.2	39.73	26.52	7.97	36.11	112	0	P	H
	*	5510	105.9	-	-	97.47	32.9	13.4	37.87	112	0	P	H
		5758	49.3	-18.9	68.2	39.82	33.83	13.58	37.93	112	0	P	H
	*	5510	98.98	-	-	90.55	32.9	13.4	37.87	112	0	A	H
		5759.96	49.06	-19.14	68.2	39.57	33.84	13.58	37.93	112	0	P	H
		5459.2	53.05	-20.95	74	44.59	32.98	13.34	37.86	108	319	P	V
		5464.96	58.04	-10.16	68.2	49.59	32.97	13.34	37.86	108	319	P	V
		5459.92	45.33	-8.67	54	36.87	32.98	13.34	37.86	108	319	A	V
		2422	39.04	-29.16	68.2	39.23	27.39	8.71	36.29	108	319	P	V
	*	5510	110.05	-	-	101.62	32.9	13.4	37.87	108	319	P	V
		5758	51.24	-16.96	68.2	41.76	33.83	13.58	37.93	108	319	P	V
	*	5510	103.44	-	-	95.01	32.9	13.4	37.87	108	319	A	V
		5759.96	51.72	-16.48	68.2	42.23	33.84	13.58	37.93	108	319	P	V



WIFI Ant. 0+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)
802.11ax HE40 Full CH 110 5550MHz		5399.2	47.83	-26.17	74	39.5	32.9	13.26	37.83	121	0	P	H
		5466.4	48.04	-20.16	68.2	39.58	32.97	13.35	37.86	121	0	P	H
		5446.48	37.79	-16.21	54	29.33	32.99	13.32	37.85	121	0	A	H
		2020	39	-29.2	68.2	40.62	26.52	7.97	36.11	121	0	P	H
	*	5550	108.35	-	-	99.88	32.9	13.45	37.88	121	0	P	H
		5758	49.49	-18.71	68.2	40.01	33.83	13.58	37.93	121	0	P	H
	*	5550	100.09	-	-	91.62	32.9	13.45	37.88	121	0	A	H
		5729.09	48.27	-19.93	68.2	38.99	33.63	13.57	37.92	121	0	P	H
		5377.6	50.2	-23.8	74	42.01	32.81	13.21	37.83	122	323	P	V
		5468.8	49.48	-18.72	68.2	41.03	32.96	13.35	37.86	122	323	P	V
		5423.2	40.8	-13.2	54	32.4	32.95	13.29	37.84	122	323	A	V
	*	5550	112.3	-	-	103.83	32.9	13.45	37.88	122	323	P	V
		5758	50.94	-17.26	68.2	41.46	33.83	13.58	37.93	122	323	P	V
	*	5550	104.54	-	-	96.07	32.9	13.45	37.88	122	323	A	V
		5759.96	50.27	-17.93	68.2	40.78	33.84	13.58	37.93	122	323	P	V



WIFI Ant. 0+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)
802.11ax HE40 Full CH 134 5670MHz		5456.05	46.71	-27.29	74	38.24	32.99	13.33	37.85	185	338	P	H
		5469.7	45.53	-22.67	68.2	37.08	32.96	13.35	37.86	185	338	P	H
		5459.9	37.04	-16.96	54	28.58	32.98	13.34	37.86	185	338	A	H
		2020	38.07	-30.13	68.2	39.69	26.52	7.97	36.11	185	338	P	H
	*	5670	111.65	-	-	102.73	33.28	13.55	37.91	185	338	P	H
		5758	50.65	-17.55	68.2	41.17	33.83	13.58	37.93	185	338	P	H
	*	5670	102.63	-	-	93.71	33.28	13.55	37.91	185	338	A	H
		5725.275	55.6	-12.6	68.2	46.35	33.6	13.57	37.92	185	338	P	H
		5439.6	47.85	-26.15	74	39.41	32.98	13.31	37.85	100	319	P	V
		5470	48.04	-20.16	68.2	39.59	32.96	13.35	37.86	100	319	P	V
		5459.9	38.94	-15.06	54	30.48	32.98	13.34	37.86	100	319	A	V
		1720	49.71	-24.29	74	53.34	24.92	7.37	35.92	100	319	P	V
		2428	40.6	-27.6	68.2	40.76	27.41	8.72	36.29	100	319	P	V
	*	5670	112.78	-	-	103.86	33.28	13.55	37.91	100	319	P	V
		5758	51.87	-16.33	68.2	42.39	33.83	13.58	37.93	100	319	P	V
		1720	27.37	-26.63	54	31	24.92	7.37	35.92	100	319	A	V
	*	5670	104.75	-	-	95.83	33.28	13.55	37.91	100	319	A	V
		5725.975	56.85	-11.35	68.2	47.59	33.61	13.57	37.92	100	319	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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)
802.11ax HE40 Full CH 102 5510MHz		11020	49.87	-24.13	74	33.08	38.92	19.57	41.7	128	334	P	H
		11020	41.72	-12.28	54	24.93	38.92	19.57	41.7	128	334	A	H
		16530	50.76	-17.44	68.2	32.86	38.54	23.74	44.38	-	-	P	H
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		11020	51.17	-22.83	74	34.38	38.92	19.57	41.7	253	67	P	V
		11020	41.71	-12.29	54	24.92	38.92	19.57	41.7	253	67	A	V
		16530	50.15	-18.05	68.2	32.25	38.54	23.74	44.38	-	-	P	V
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WIFI Ant. 0+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)
802.11ax HE40 Full CH 110 5550MHz		11100	50.47	-23.53	74	33.7	39	19.63	41.86	147	252	P	H
		11100	41.8	-12.2	54	25.03	39	19.63	41.86	147	252	A	H
		16650	51.26	-16.94	68.2	33.33	38.5	23.82	44.39	-	-	P	H
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		11100	51.47	-22.53	74	34.7	39	19.63	41.86	152	337	P	V
		11100	41.79	-12.21	54	25.02	39	19.63	41.86	152	337	A	V
		16650	51.21	-16.99	68.2	33.28	38.5	23.82	44.39	-	-	P	V
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[illegible]

**Band 3 5470~5725MHz****WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 0+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)
802.11ax HE80 Full CH 106 5530MHz		5450.32	57.89	-16.11	74	49.41	33	13.33	37.85	119	0	P	H
		5464.96	58.65	-9.55	68.2	50.2	32.97	13.34	37.86	119	0	P	H
		5457.52	47.4	-6.6	54	38.94	32.98	13.33	37.85	119	0	A	H
		2020	37.77	-30.43	68.2	39.39	26.52	7.97	36.11	119	0	P	H
	*	5530	103.94	-	-	95.49	32.9	13.43	37.88	119	0	P	H
		5758	49.76	-18.44	68.2	40.28	33.83	13.58	37.93	119	0	P	H
	*	5530	95.83	-	-	87.38	32.9	13.43	37.88	119	0	A	H
		5736.335	47.99	-20.21	68.2	38.65	33.69	13.57	37.92	119	0	P	H
		5451.28	63.66	-10.34	74	55.18	33	13.33	37.85	135	326	P	V
		5466.4	63.95	-4.25	68.2	55.49	32.97	13.35	37.86	135	326	P	V
		5459.92	53.15	-0.85	54	44.69	32.98	13.34	37.86	135	326	A	V
	*	5530	108.04	-	-	99.59	32.9	13.43	37.88	135	326	P	V
	*	5530	100.32	-	-	91.87	32.9	13.43	37.88	135	326	A	V
		5726.57	47.89	-20.31	68.2	38.63	33.61	13.57	37.92	135	326	P	V



WIFI Ant. 0+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)
802.11ax HE80 Full CH 122 5610MHz		5444.5	47.32	-26.68	74	38.86	32.99	13.32	37.85	101	0	P	H
		5467.25	46.85	-21.35	68.2	38.39	32.97	13.35	37.86	101	0	P	H
		5458.5	37.95	-16.05	54	29.49	32.98	13.34	37.86	101	0	A	H
		2020	38.43	-29.77	68.2	40.05	26.52	7.97	36.11	101	0	P	H
	*	5610	105.58	-	-	96.75	33.2	13.52	37.89	101	0	P	H
		5758	51.49	-16.71	68.2	42.01	33.83	13.58	37.93	101	0	P	H
	*	5610	97.72	-	-	88.89	33.2	13.52	37.89	101	0	A	H
		5726.5	50.17	-18.03	68.2	40.91	33.61	13.57	37.92	101	0	P	H
		5442.75	49.21	-24.79	74	40.75	32.99	13.32	37.85	107	321	P	V
		5467.25	51.12	-17.08	68.2	42.66	32.97	13.35	37.86	107	321	P	V
		5458.5	40.62	-13.38	54	32.16	32.98	13.34	37.86	107	321	A	V
	*	5610	110.57	-	-	101.74	33.2	13.52	37.89	107	321	P	V
		5758	51.87	-16.33	68.2	42.39	33.83	13.58	37.93	107	321	P	V
	*	5610	101.6	-	-	92.77	33.2	13.52	37.89	107	321	A	V
		5759.75	51.53	-16.67	68.2	42.04	33.84	13.58	37.93	107	321	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 5470~5725MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 0+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)
802.11ax HE80 Full CH 106 5530MHz		11060	50.85	-23.15	74	34.08	38.96	19.59	41.78	122	142	P	H
		11060	41.63	-12.37	54	24.86	38.96	19.59	41.78	122	142	A	H
		16590	50.9	-17.3	68.2	33.09	38.42	23.78	44.39	-	-	P	H
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		11060	50.73	-23.27	74	33.96	38.96	19.59	41.78	121	312	P	V
		11060	41.51	-12.49	54	24.74	38.96	19.59	41.78	121	312	A	V
		16590	50.74	-17.46	68.2	32.93	38.42	23.78	44.39	-	-	P	V
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[illegible]



Band 3 - Straddle Channel

WIFI 802.11n HT20 (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz		5411.23	45.97	-28.03	74	37.62	32.92	13.27	37.84	202	317	P	H
		5467.78	45.33	-22.87	68.2	36.88	32.96	13.35	37.86	202	317	P	H
		5459.98	37.23	-16.77	54	28.77	32.98	13.34	37.86	202	317	A	H
	*	5720	113.08	-	-	103.87	33.56	13.57	37.92	202	317	P	H
	*	5720	106.2	-	-	96.99	33.56	13.57	37.92	202	317	A	H
		5921.75	49.24	-18.96	68.2	39.11	34.3	13.79	37.96	202	317	P	H
		5379.64	46.39	-27.61	74	38.18	32.82	13.22	37.83	161	319	P	V
		5469.73	48.56	-19.64	68.2	40.11	32.96	13.35	37.86	161	319	P	V
		5465.83	38.38	-15.62	54	29.92	32.97	13.35	37.86	161	319	A	V
	*	5720	114.61	-	-	105.4	33.56	13.57	37.92	161	319	P	V
	*	5720	107.08	-	-	97.87	33.56	13.57	37.92	161	319	A	V
		5866.5	49.91	-18.29	68.2	39.85	34.3	13.71	37.95	161	319	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

[illegible]



Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE40 Full CH 142 5710MHz		5423.71	45.89	-28.11	74	37.49	32.95	13.29	37.84	173	336	P	H
		5468.56	45.16	-23.04	68.2	36.71	32.96	13.35	37.86	173	336	P	H
		5454.91	36.7	-17.3	54	28.23	32.99	13.33	37.85	173	336	A	H
		2020	37.26	-30.94	68.2	38.88	26.52	7.97	36.11	173	336	P	H
	*	5710	111.32	-	-	102.2	33.48	13.56	37.92	173	336	P	H
	*	5710	103.21	-	-	94.09	33.48	13.56	37.92	173	336	A	H
		5905.25	49.19	-19.01	68.2	39.08	34.3	13.77	37.96	173	336	P	H
		5401.48	46.47	-27.53	74	38.14	32.9	13.26	37.83	100	318	P	V
		5466.61	46.35	-21.85	68.2	37.89	32.97	13.35	37.86	100	318	P	V
		5469.34	37.85	-16.15	54	29.4	32.96	13.35	37.86	100	318	P	V
		1714	40.74	-27.46	68.2	44.36	24.94	7.36	35.92	100	318	P	V
	*	5710	111.71	-	-	102.59	33.48	13.56	37.92	100	318	P	V
		5710	111.71	43.51	68.2	102.59	33.48	13.56	37.92	100	318	P	V
	*	5710	103.97	-	-	94.85	33.48	13.56	37.92	100	318	A	V
		5923	49.91	-18.29	68.2	39.77	34.3	13.8	37.96	100	318	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

[illegible]



Band 3 Straddle Channel

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ax HE80 Full CH 138 5690MHz		5351.95	45.43	-28.57	74	37.38	32.71	13.16	37.82	177	336	P	H
		5461.15	44.71	-23.49	68.2	36.25	32.98	13.34	37.86	177	336	P	H
		5459.2	36.89	-17.11	54	28.43	32.98	13.34	37.86	177	336	A	H
	*	5690	107.6	-	-	98.59	33.36	13.56	37.91	177	336	P	H
	*	5690	99.63	-	-	90.62	33.36	13.56	37.91	177	336	A	H
		5931.1	48.95	-19.25	68.2	38.8	34.3	13.81	37.96	177	336	P	H
		5391.34	47.4	-26.6	74	39.12	32.87	13.24	37.83	100	318	P	V
		5467	46.64	-21.56	68.2	38.18	32.97	13.35	37.86	100	318	P	V
		5459.59	38.26	-15.74	54	29.8	32.98	13.34	37.86	100	318	A	V
		2428	40.07	-28.13	68.2	40.23	27.41	8.72	36.29	100	318	P	V
	*	5690	108.79	-	-	99.78	33.36	13.56	37.91	100	318	P	V
	*	5690	100.78	-	-	91.77	33.36	13.56	37.91	100	318	A	V
		5857.9	48.61	-19.59	68.2	38.57	34.3	13.69	37.95	100	318	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

[illegible]

Emission above 18GHz

WIFI 802.11ax HE40 Full (SHF @ 1m)

[illegible]

Emission below 1GHz

WIFI 802.11ax HE40 Full (LF @ 3m)

[illegible]



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.	
0+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”.



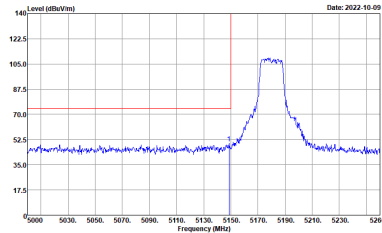
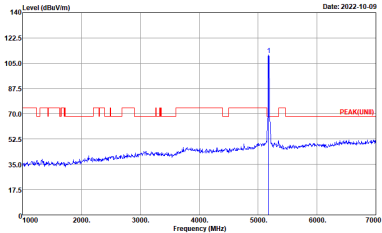
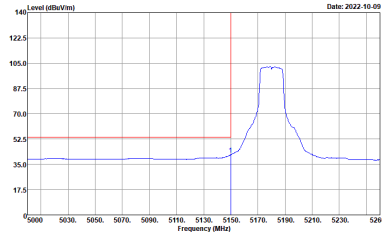
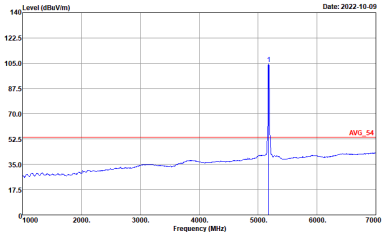
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Leo Li, JC Liang and John Chuang	Temperature :	19~22°C
		Relative Humidity :	65~70%

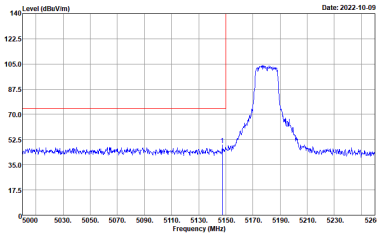
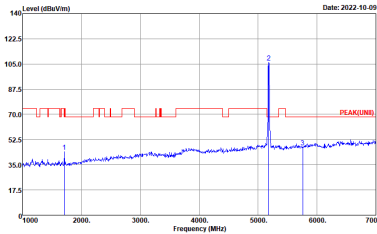
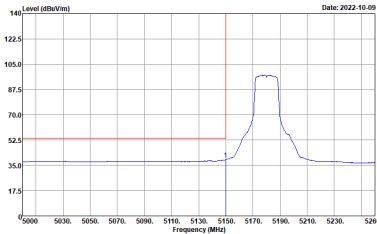
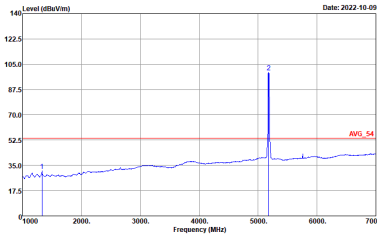
Note symbol

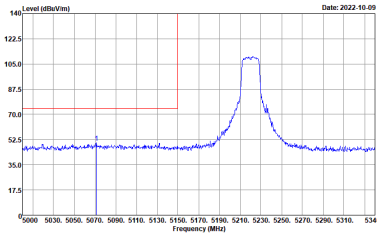
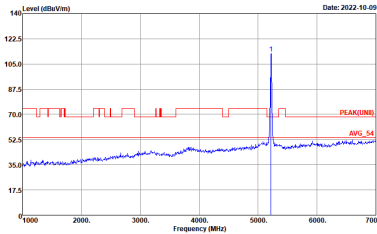
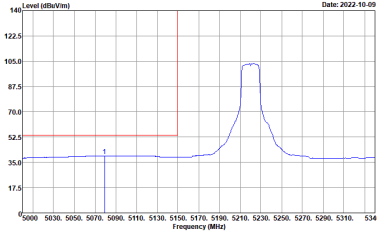
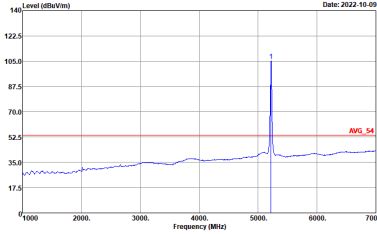
-L	Low channel location
-R	High channel location

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINII) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

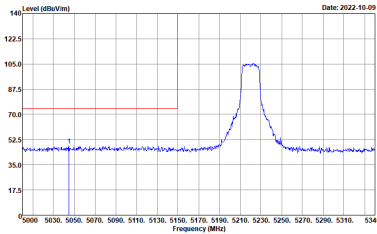
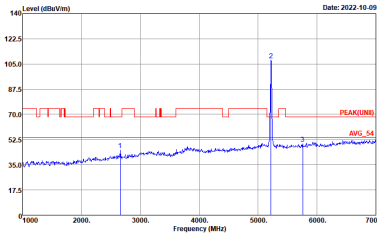
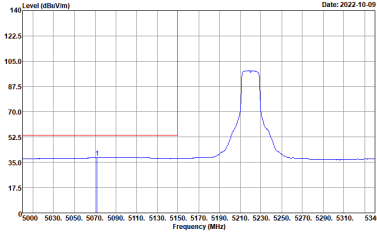
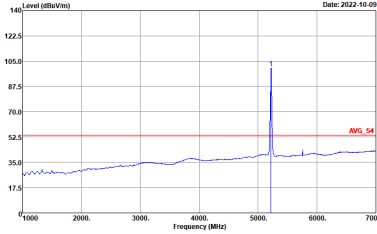


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

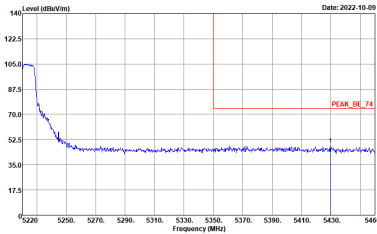
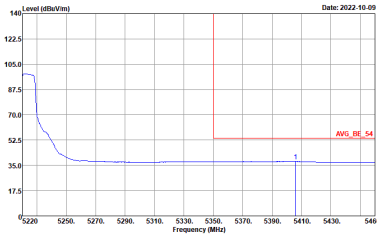
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : : PEAK(LINE) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : : AV6_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : : AV6_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



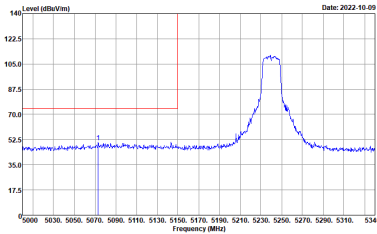
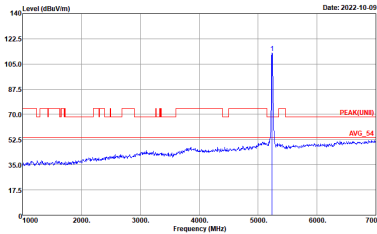
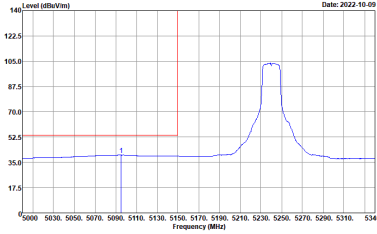
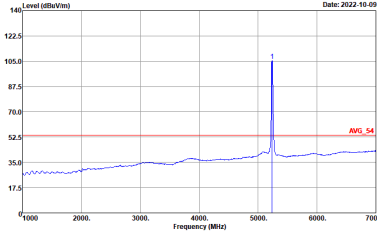
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

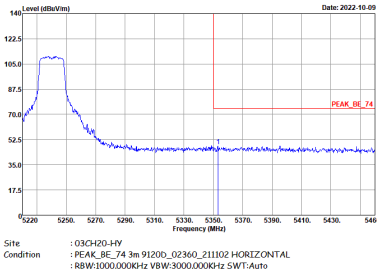
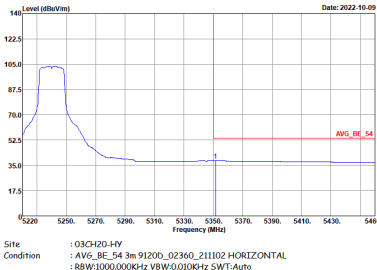


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-10-09	 Site : 03CH20-HY Condition : : PEAK(FUND) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-10-09
Avg.	 Site : 03CH20-HY Condition : : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Date: 2022-10-09	 Site : 03CH20-HY Condition : : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Date: 2022-10-09

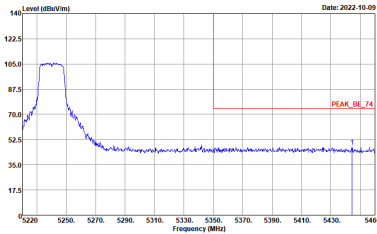
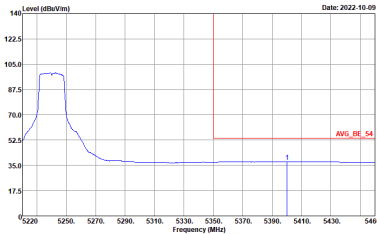


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



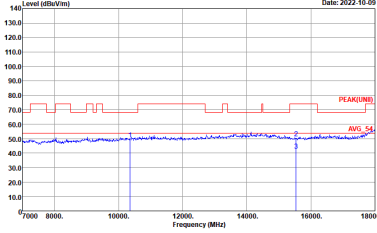
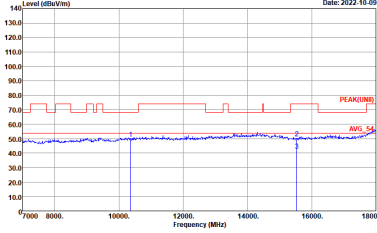
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



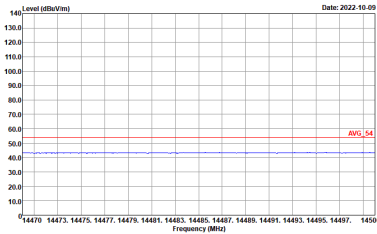
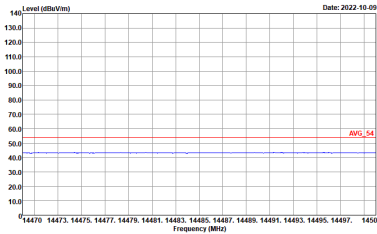
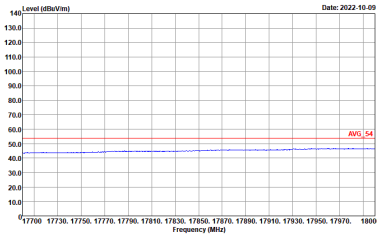
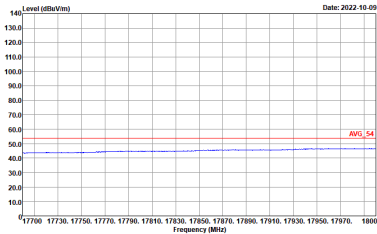
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 VERTICAL :



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
17.7G ~18G Avg		

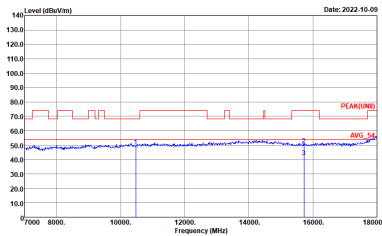
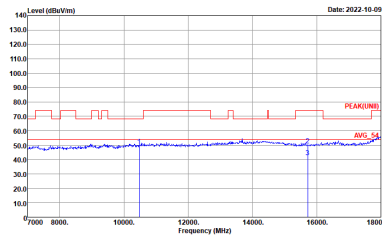


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-10-09 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL :	Level (dBuV/m) Date: 2022-10-09 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL :



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 14480 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 14480 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 17750 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 17750 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :



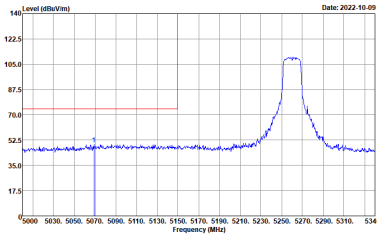
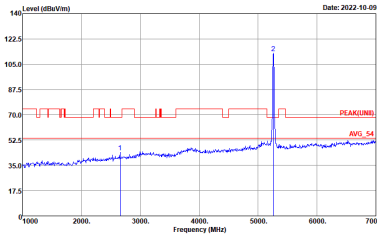
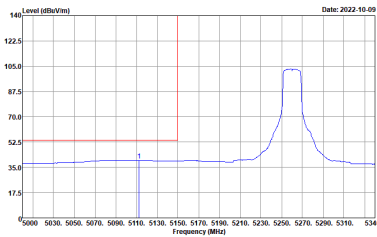
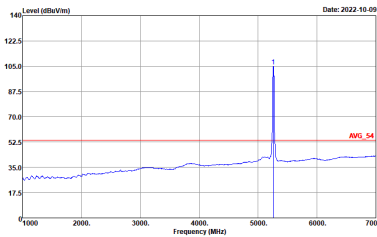
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL :-	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL :-



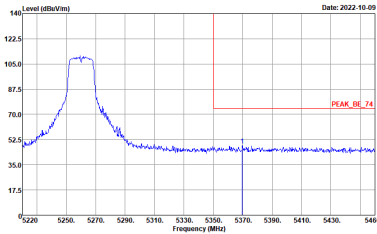
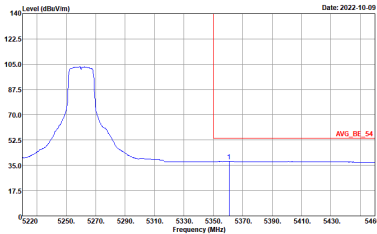
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
0	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :.	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :.
17.7G ~18G Avg	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :.	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :.

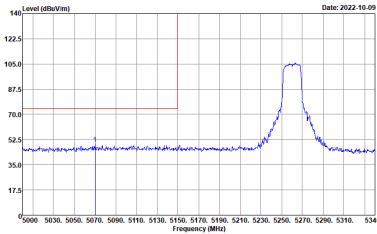
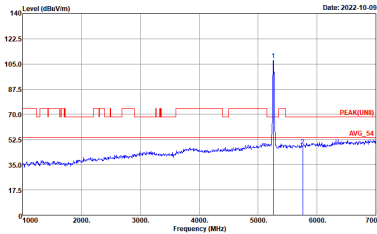
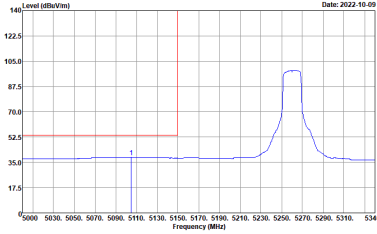
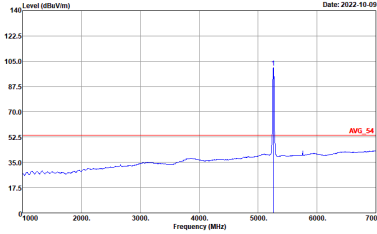


Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

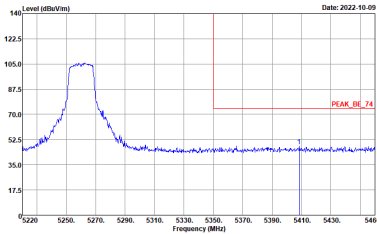
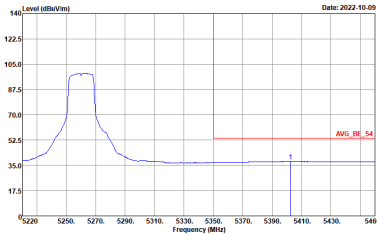
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AV6_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

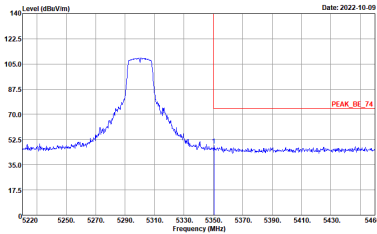
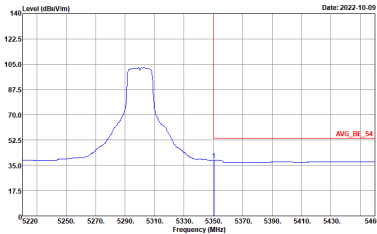


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

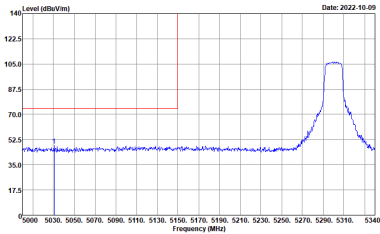
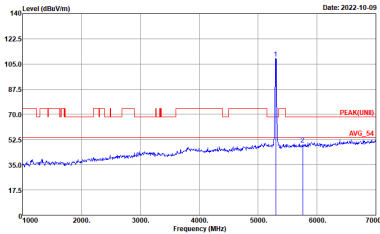
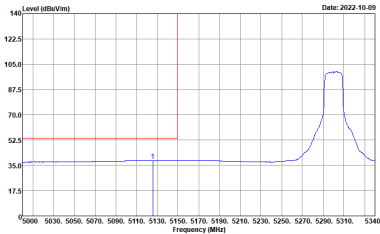
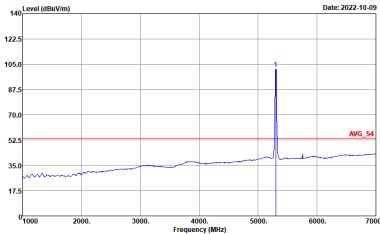


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : : PEAK(FUND) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

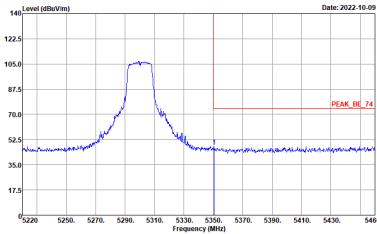
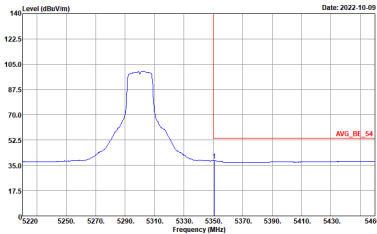


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

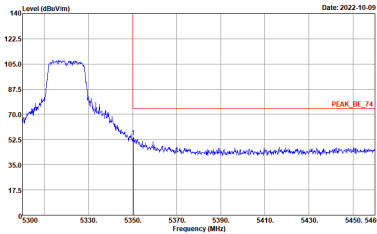
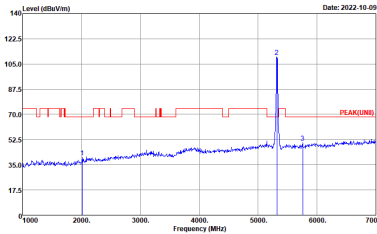
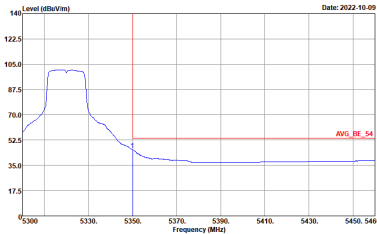
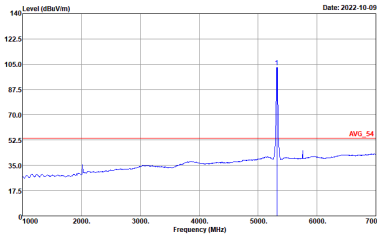


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

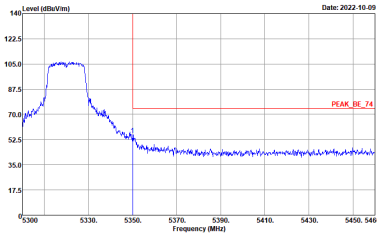
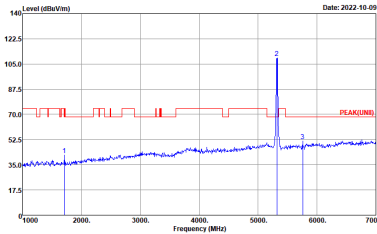
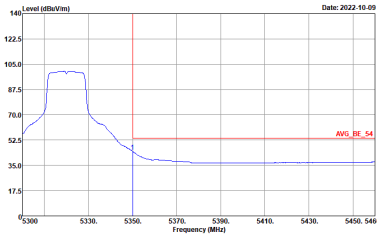
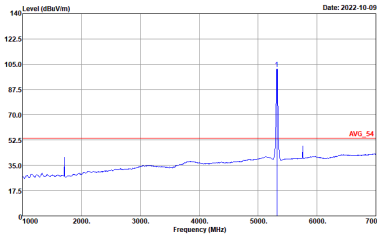


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



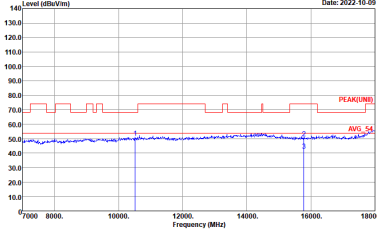
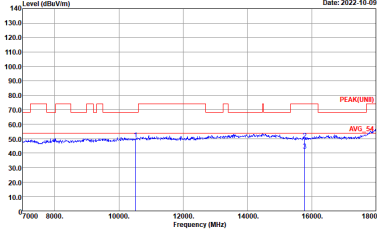
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINB) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



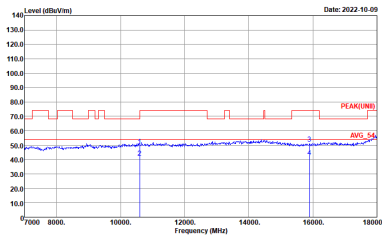
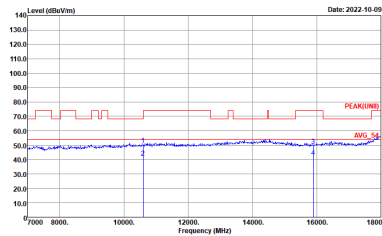
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 VERTICAL :



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
0	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a flat line at approximately 50 dBuV/m across the frequency range 14470 to 14500 MHz. The average level is 14.47G. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a flat line at approximately 50 dBuV/m across the frequency range 14470 to 14500 MHz. The average level is 14.47G. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a flat line at approximately 50 dBuV/m across the frequency range 17700 to 18000 MHz. The average level is 17.7G. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a flat line at approximately 50 dBuV/m across the frequency range 17700 to 18000 MHz. The average level is 17.7G. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL

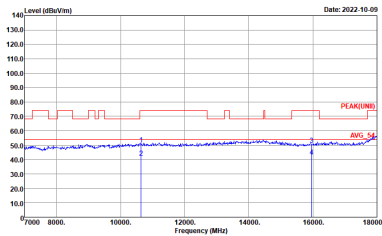
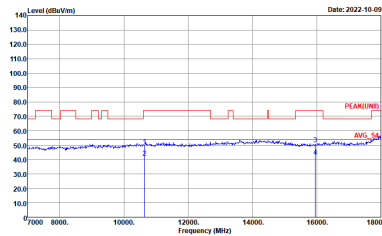


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL :



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
0	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 14480 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 14480 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 17750 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot shows a flat spectrum with a slight rise around 17750 MHz. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :



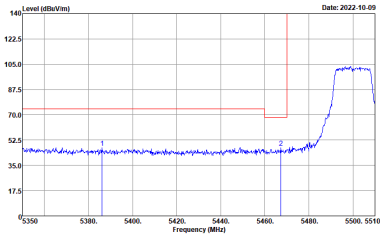
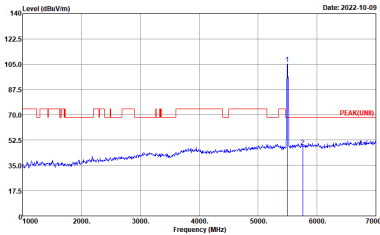
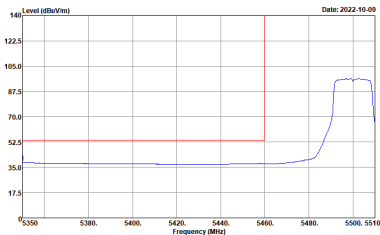
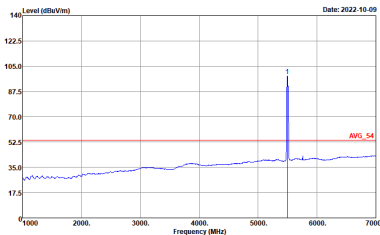
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL :



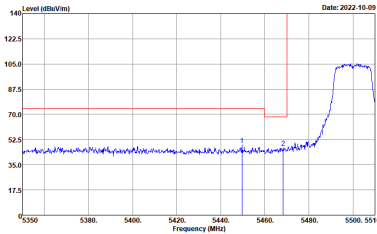
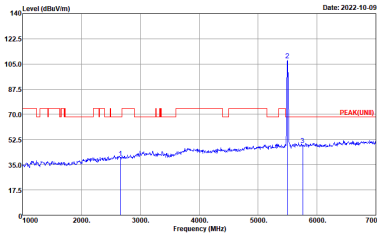
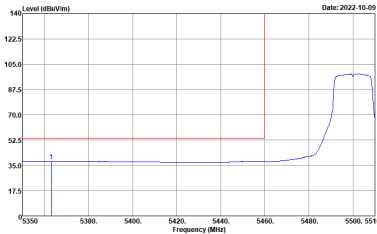
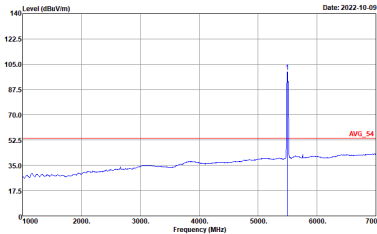
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
0	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-10-09. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-10-09. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-10-09. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-10-09. Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL



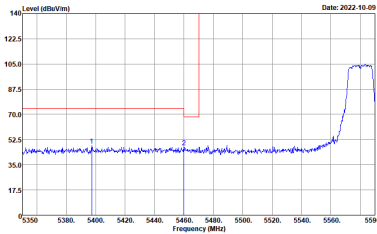
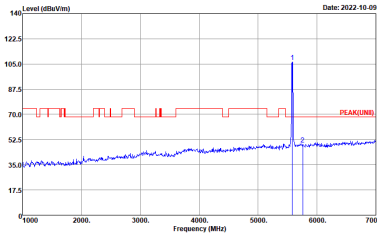
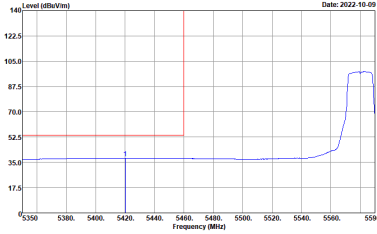
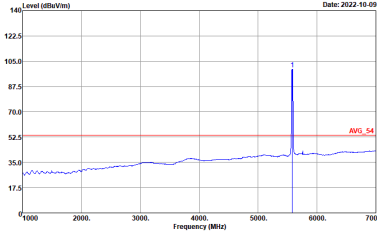
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

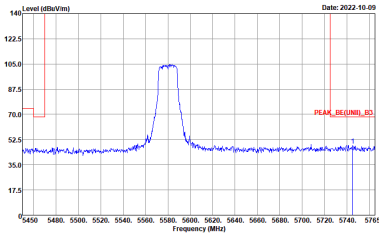


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

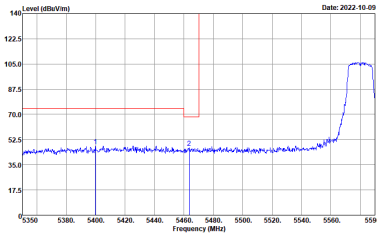
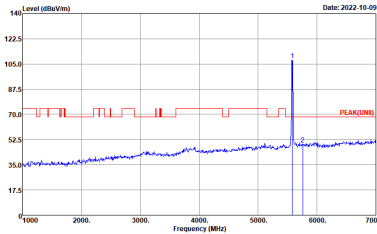
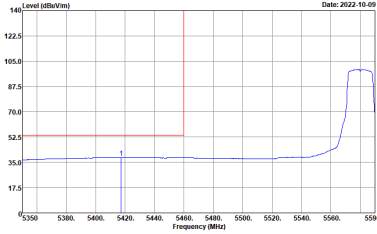
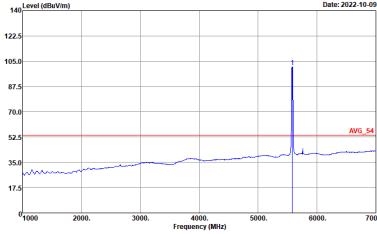


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AV6_BE(UNIT)_B3 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

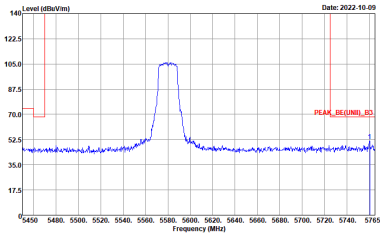


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
0	Horizontal	Fundamental
Peak	 Site: 03CH20-HY Condition: : PEAK_BC(UNIT)_R3 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2022-10-09	Left blank

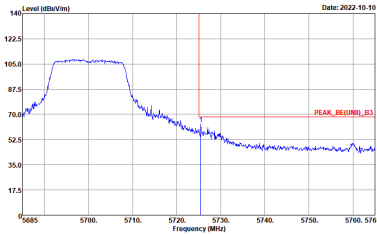
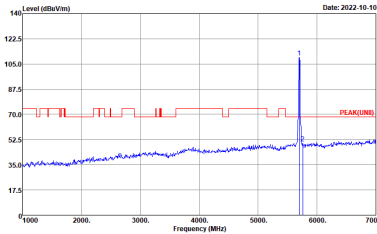
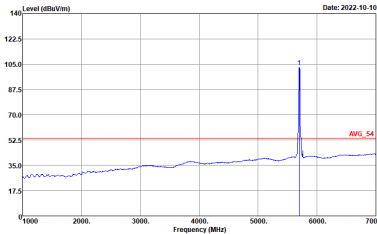


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

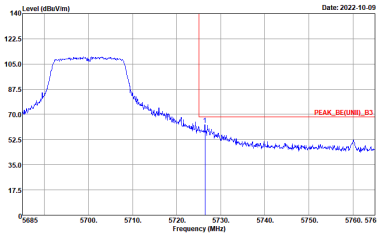
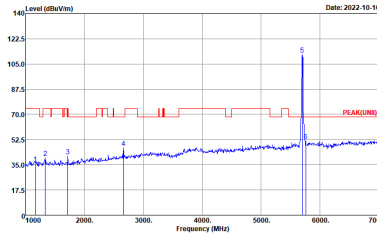
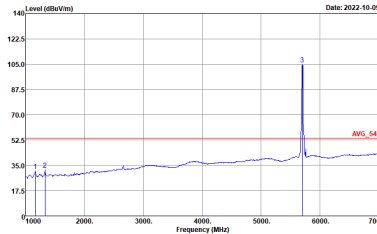


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BC(UNIT)_R3 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



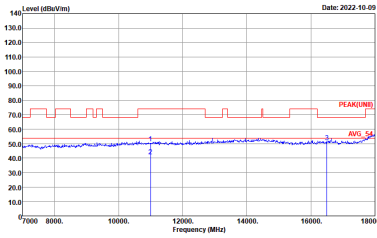
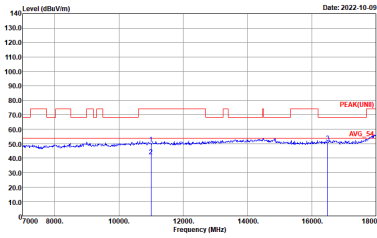
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_B(UNIT)_B3 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Left blank	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



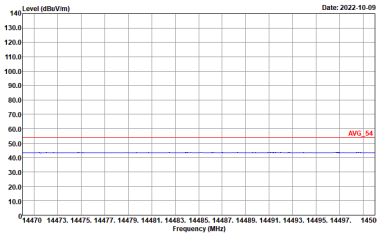
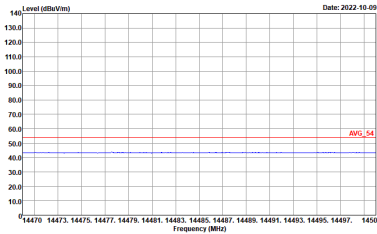
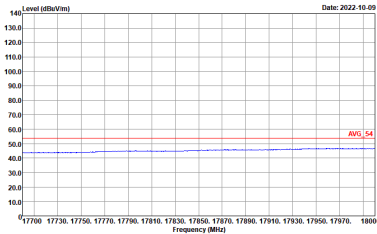
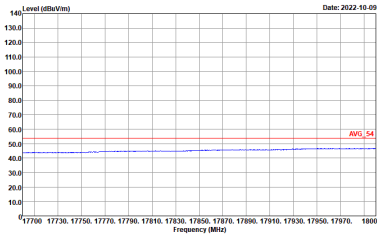
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_B(UNIT)_B3 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Left blank	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 VERTICAL :

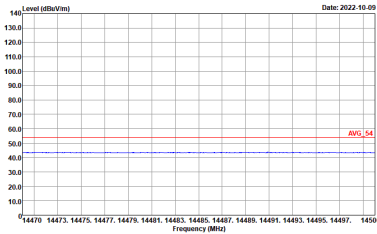
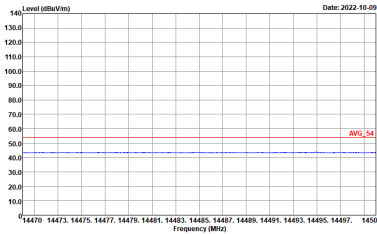
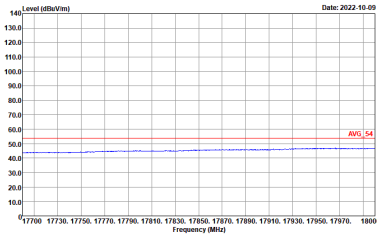
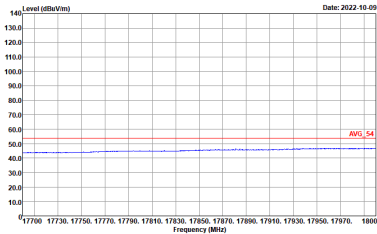


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
17.7G ~18G Avg		

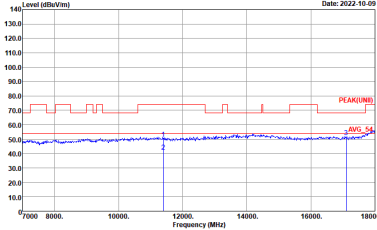
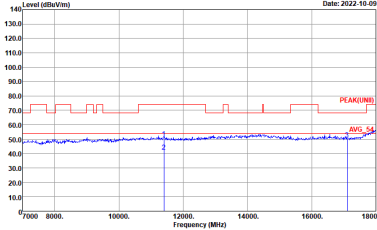


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
0	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-10-09 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL :	Level (dBuV/m) Date: 2022-10-09 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL :

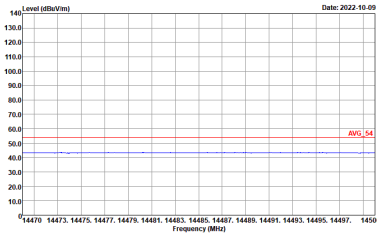
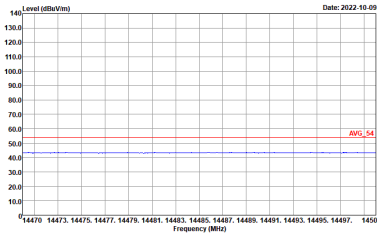
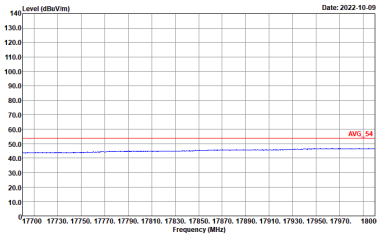
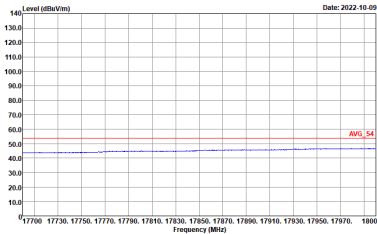


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 HORIZONTAL :-	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200_02360_211102 VERTICAL :-



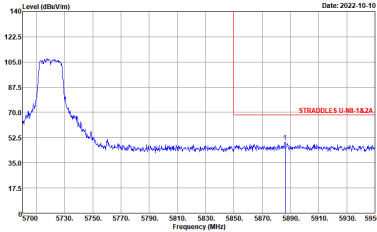
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
17.7G ~18G Avg		



Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
0	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : STRADDLES U-NIT-1A2A 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

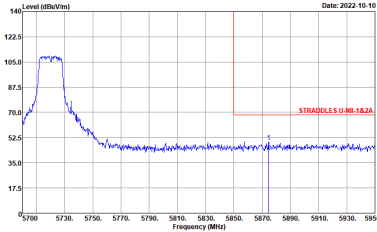


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
0	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : STRADOLE'S U-NB 142A 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



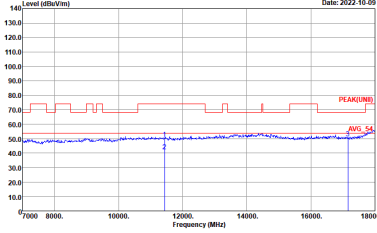
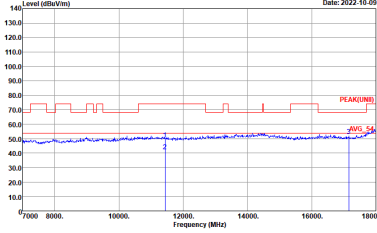
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
0	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : STRADDLES U-NIT-1A2A 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



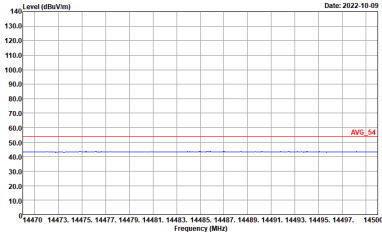
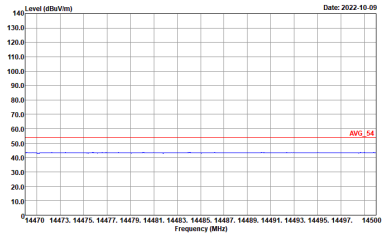
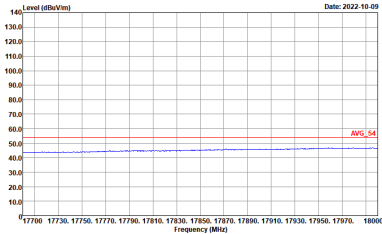
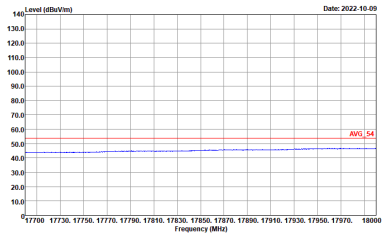
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
0	Vertical	Fundamental
Peak	 Site : 03CH20-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_02360_211102 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK(UM) 3m 91200_02360_211102 VERTICAL :

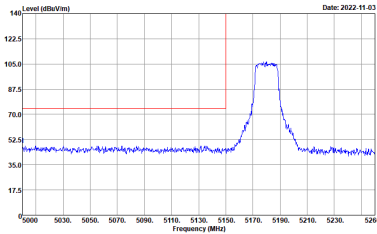
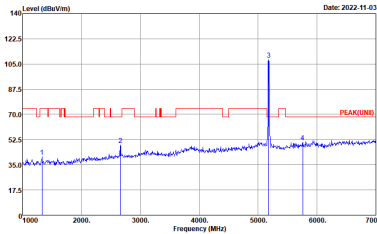
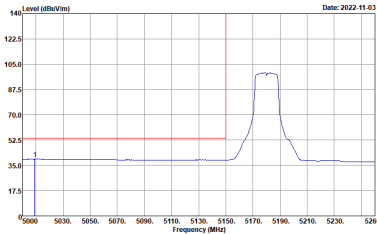
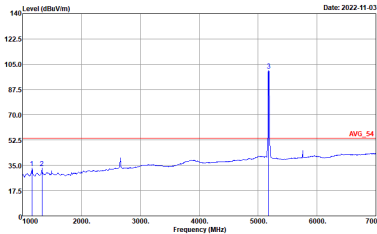


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :
	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL :	 Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL :



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

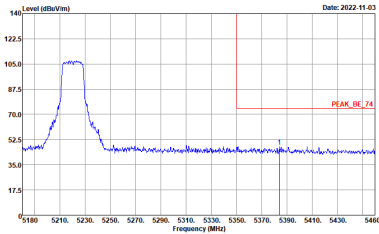
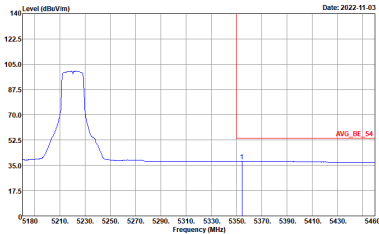
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(FUND) 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(FUND) 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

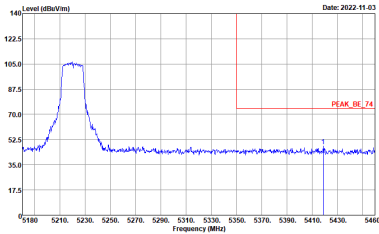
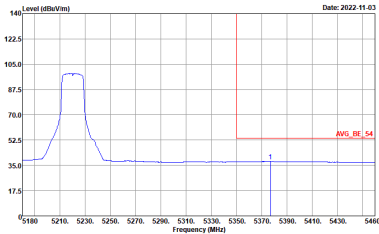


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

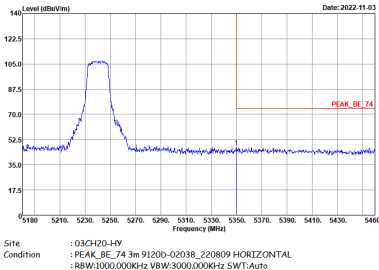
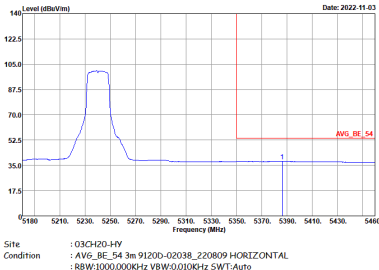


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

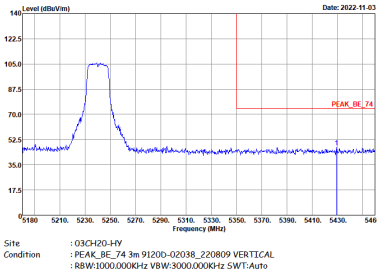
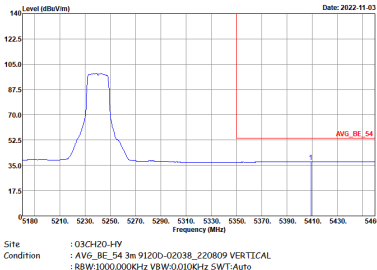


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



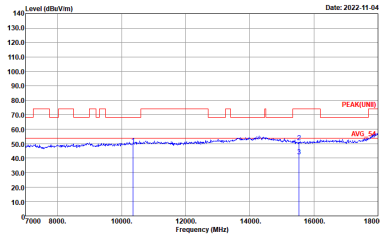
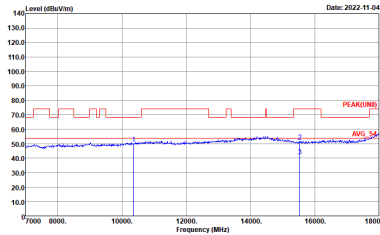
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



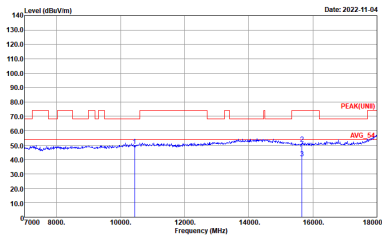
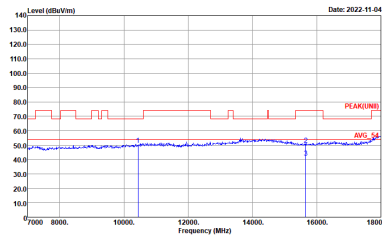
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 VERTICAL :



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL

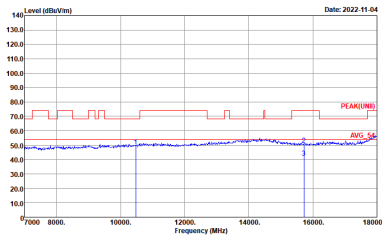
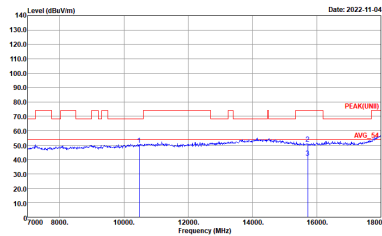


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 HORIZONTAL :-	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 VERTICAL :-



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 50 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 50 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 50 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 50 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL :



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 HORIZONTAL :-	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 VERTICAL :-



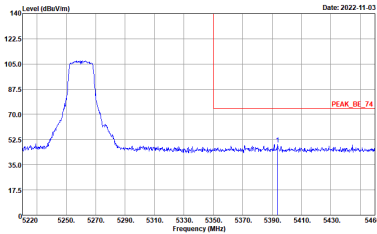
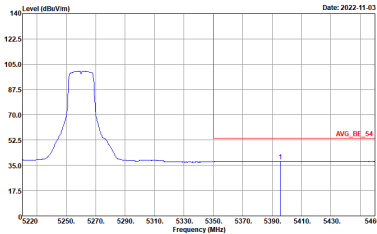
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL

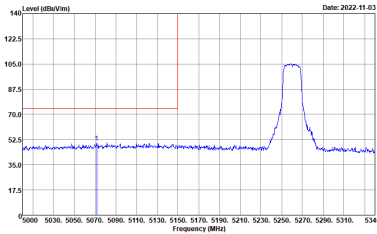
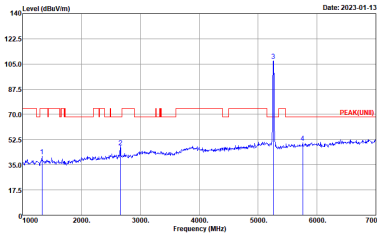
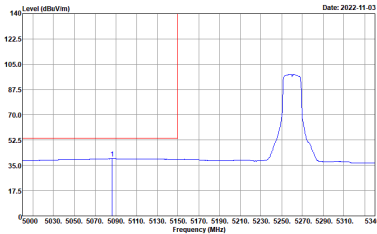
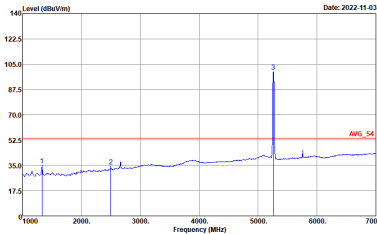


Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

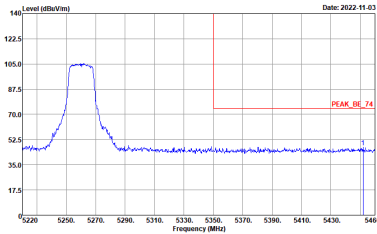
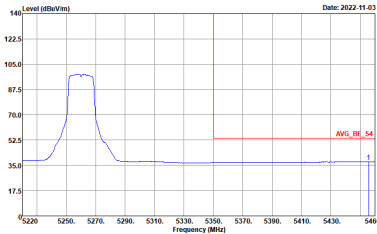
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal Peak. The plot shows a sharp peak at approximately 5260 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 5000 to 5340 MHz. A red line indicates the peak level at approximately 122.5 dBuV/m. Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at approximately 5260 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red line indicates the peak level at approximately 122.5 dBuV/m. Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal Average. The plot shows a broad peak at approximately 5260 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 5000 to 5340 MHz. A red line indicates the average level at approximately 122.5 dBuV/m. Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Average. The plot shows a broad peak at approximately 5260 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red line indicates the average level at approximately 122.5 dBuV/m. Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



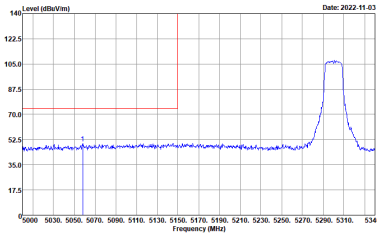
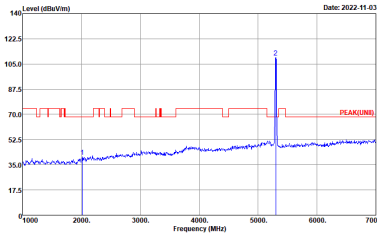
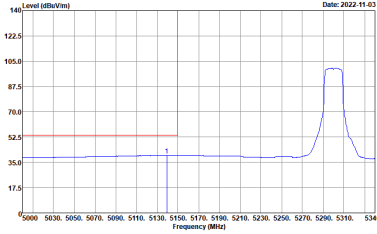
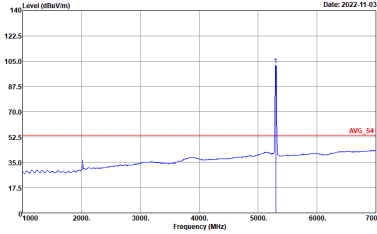
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

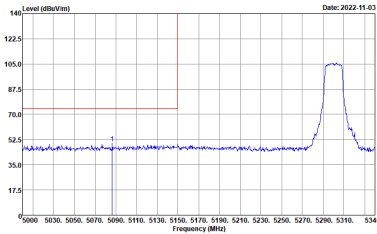
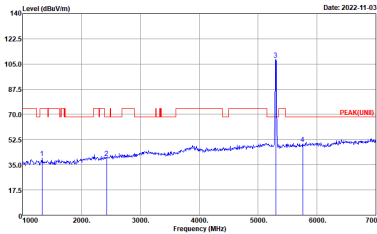
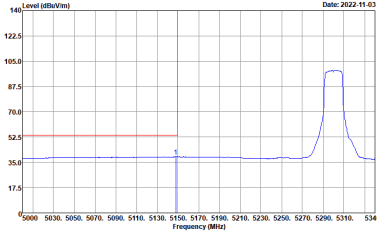
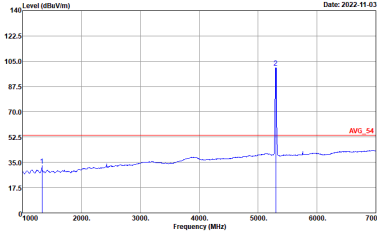


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

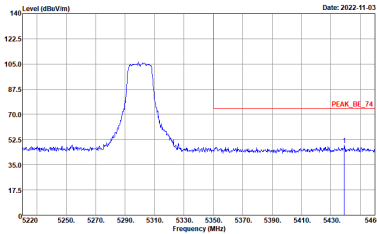
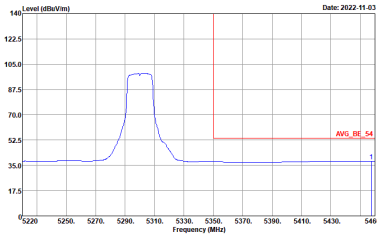


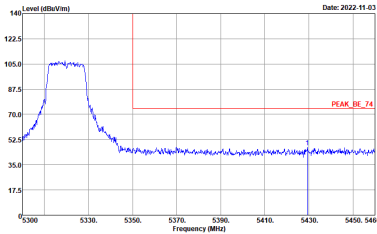
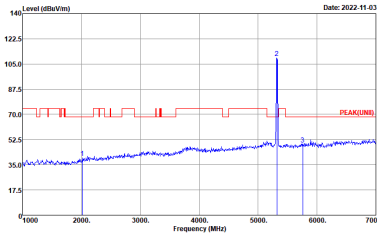
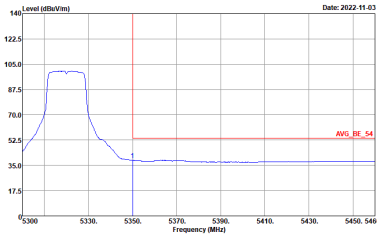
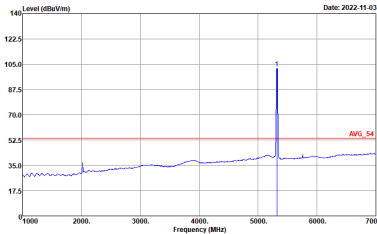
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE1) 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

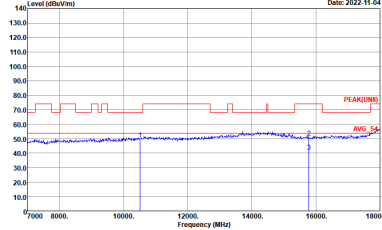
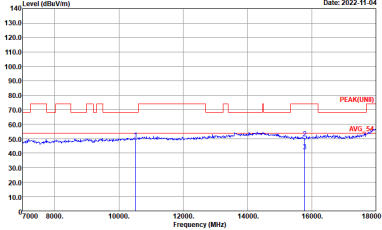
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(LINE) 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



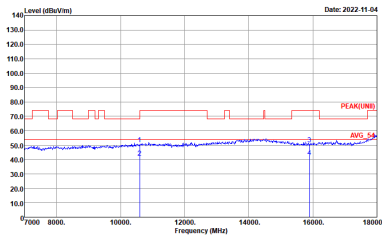
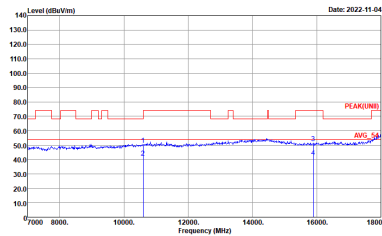
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK[UNII] 3m 91200-02038_220809 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK[UNII] 3m 91200-02038_220809 VERTICAL :



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The plot shows a flat line at approximately 45 dBuV/m across the frequency range 14470 to 14500 MHz. The date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The plot shows a flat line at approximately 45 dBuV/m across the frequency range 14470 to 14500 MHz. The date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The plot shows a flat line at approximately 45 dBuV/m across the frequency range 17700 to 18000 MHz. The date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The plot shows a flat line at approximately 45 dBuV/m across the frequency range 17700 to 18000 MHz. The date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL

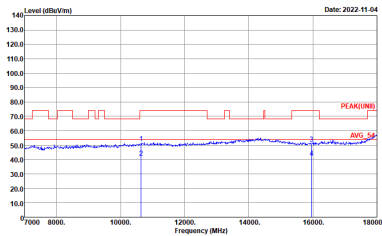
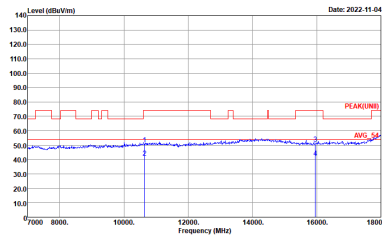


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 HORIZONTAL :-	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 VERTICAL :-



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL



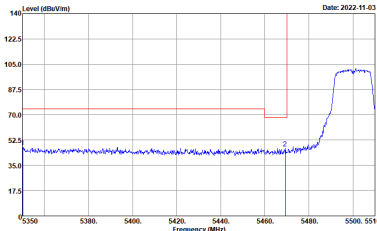
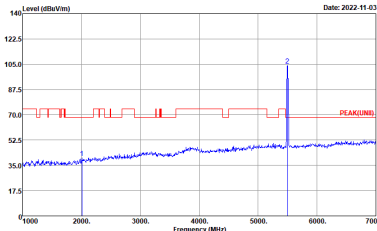
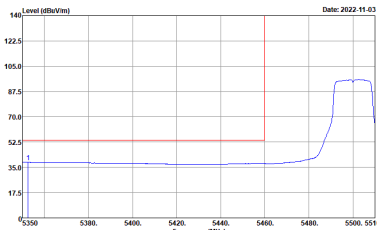
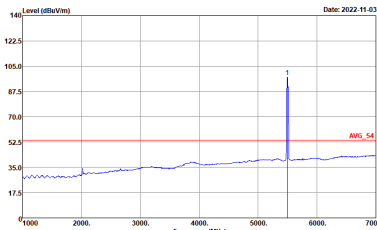
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 HORIZONTAL :-	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 VERTICAL :-



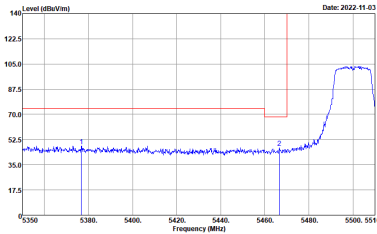
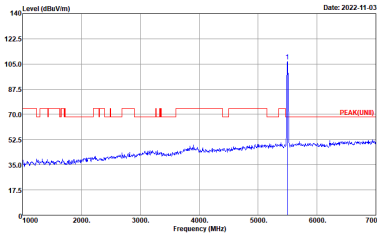
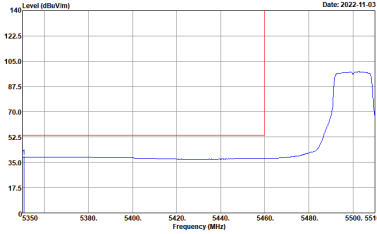
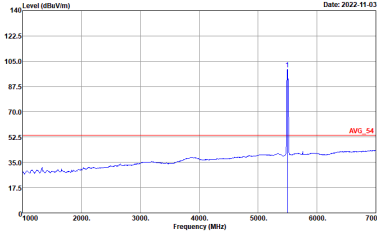
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is visible at approximately 55 dBuV/m. The plot date is 2022-11-04. Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL :



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	 Site : 03CH20-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT) 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE(UNIT)_B3 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

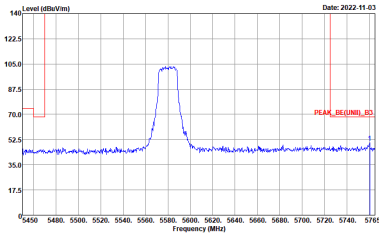


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE[UNIT1]_B3 3m 91200-02038_220809 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK[UNIT1] 3m 91200-02038_220809 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE[UNIT1]_B3 3m 91200-02038_220809 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

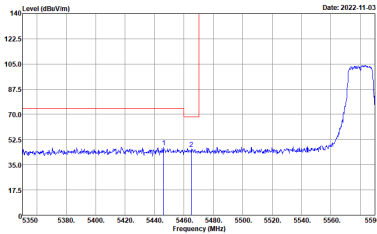
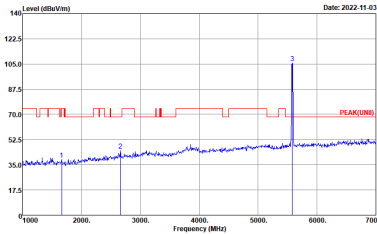
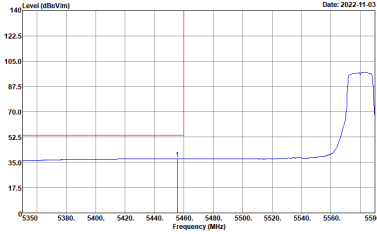
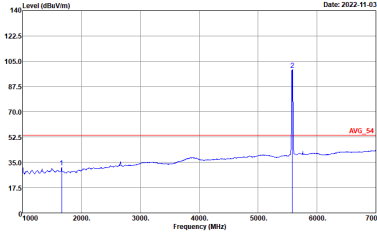


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK(UNIT)_3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH20-HY Condition : AVG_BE(UNIT)_B3 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

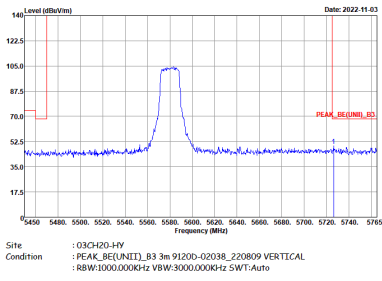


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site: 03CH20-HY Condition: :PEAK_BC(UNIT)_R3 3m 91200-02038_220809 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2022-11-03	Left blank

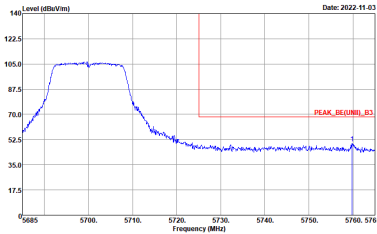
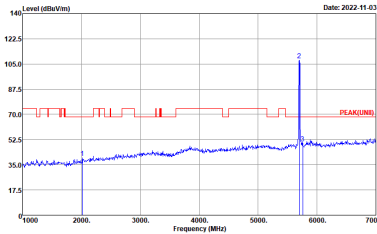
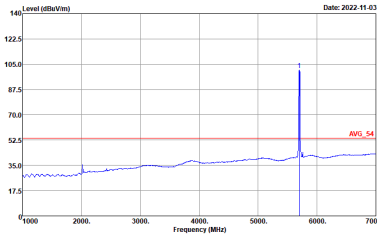


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNIT)_3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE(UNIT)_B3 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

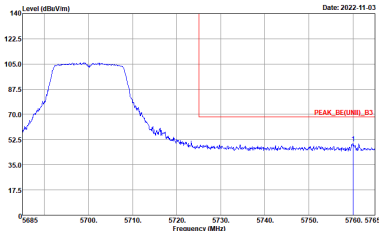
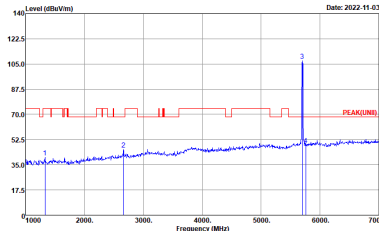
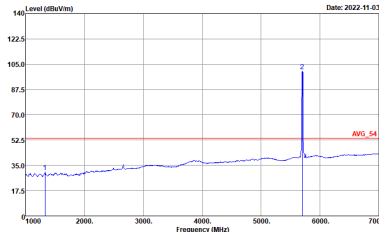


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HV Condition : :PEAK_BC(UNIT)_R3 3m 91200-02038_220809 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-11-03	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE[UNITID]_B3 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK[UNITID] 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Left blank	 Site : 03CH20-HY Condition : AVG_54 3m 91200-02038_220809 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BC[UNIT]_B3 3m 91200-02038_220809 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK[UNIT] 3m 91200-02038_220809 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Left blank	 Site : 03CH20-HY Condition : AV6_54 3m 91200-02038_220809 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto