



FCC RADIO TEST REPORT

FCC ID : APYHRO00276
Equipment : Smart phone
Brand Name : SHARP
Applicant : SHARP CORPORATION
2-13-1, Hachihonmatsu-lida,
Higashi-hiroshima-shi, Hiroshima pref. 739-0192,
Japan
Manufacturer : SHARP CORPORATION
1 Takumi-Cho, Sakai-Ku, Sakai-Shi, Osaka
590-8522, Japan
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jul. 16, 2019 and testing was started from Jul. 27, 2019 and completed on Aug. 06, 2019. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR971613E	01	Initial issue of report	Aug. 21, 2019



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.15 dB at 5460.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 15.07 dB at 2.499 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang**Report Producer: Yimin Ho**



1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Sample 1	1st vender parts
Sample 2	2nd vender parts
Antenna Type	WWAN: PIFA Antenna WLAN: ILA Antenna Bluetooth: ILA Antenna GPS / Glonass / BDS / Galileo: ILA Antenna NFC: Loop Antenna

Remark: All test items were performed with Sample 1.

1.2 Modification of EUT

No modifications are made to the EUT during all test items.

1.3 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH05-HY	CO05-HY

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	03CH11-HY	

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

FCC designation No.: TW1190 and TW0007



1.4 Applicable Standards

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

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

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

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, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "[#]" were 802.11ac VHT80.



2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11a	6 Mbps
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WCDMA Band V Idle + Bluetooth Link + WLAN (5GHz) Link + Camera (Rear) + Earphone + USB Cable (Charging from AC Adapter)



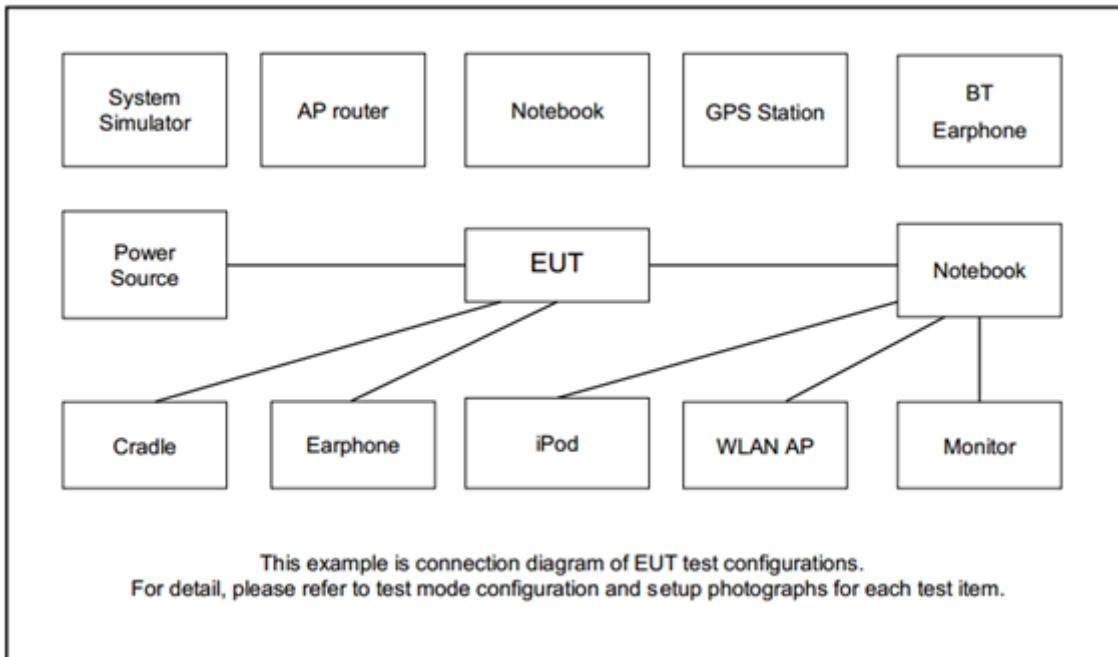
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY700A2029	N/A	N/A
3.	WLAN AP	ASUS	RT-AC1750	MSQ-RTAC66U	N/A	Unshielded,1.8m
4.	Notebook	DELL	Latitude E6320	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
6.	Earphone	SHARP	RPHOEA007AFZZ	N/A	Unshielded, 1.2m	N/A



2.5 EUT Operation Test Setup

The RF test items, utility “QRCT 4.0-00108” 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.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5.1 dB and 20dB attenuator.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 5.1 + 20 = 5.1 \text{ (dB)} \end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

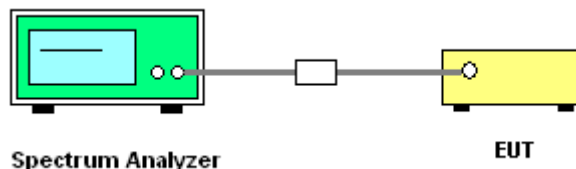
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

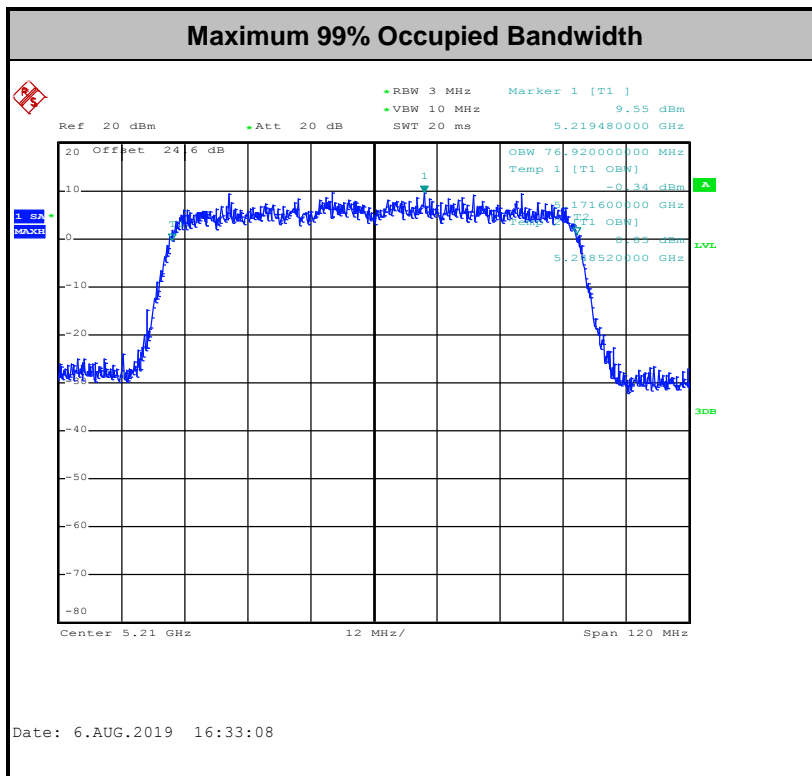
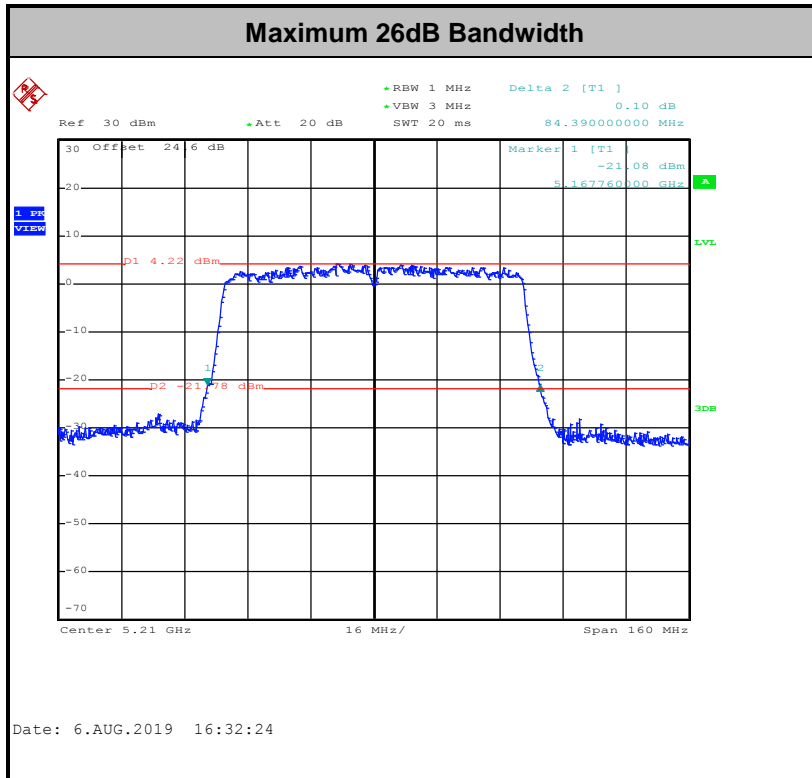
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

- For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

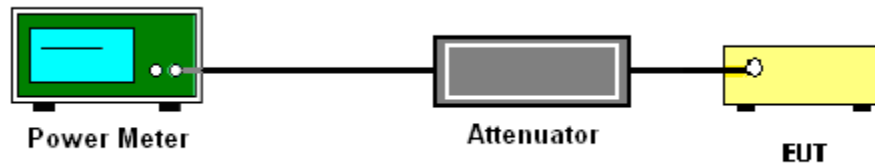
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

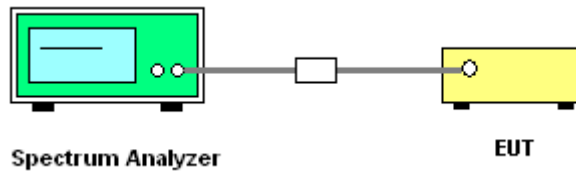
The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F) Maximum power spectral density.

Method SA-2

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

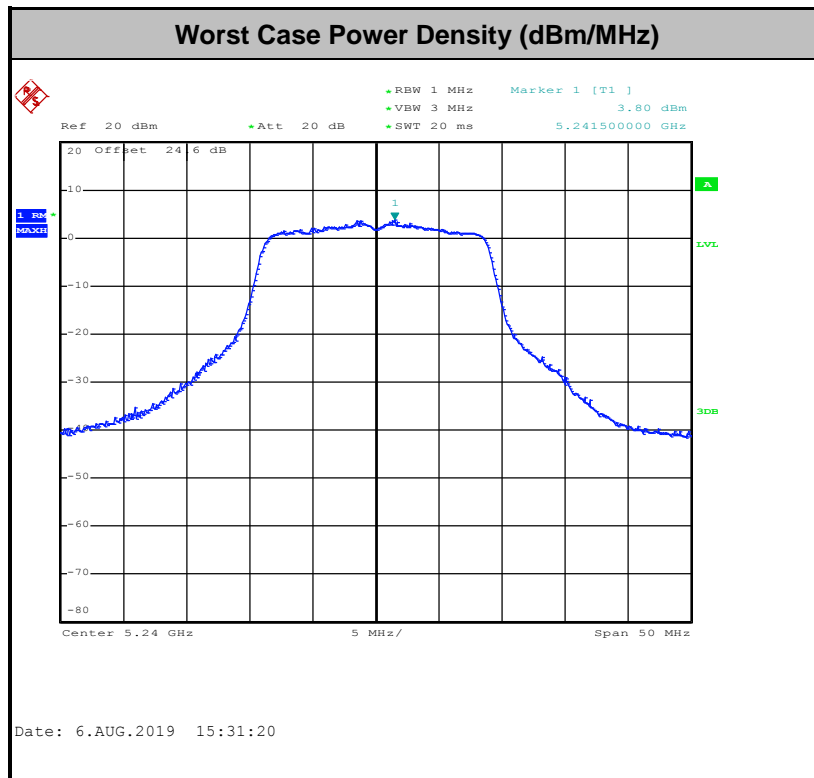
- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW \geq 3 MHz.
 - Number of points in sweep \geq 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



Note: Average Power Density (dB) = Measured value+ Duty Factor



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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



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

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits 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.³
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.⁴

Note 3: An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

Note 4: Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

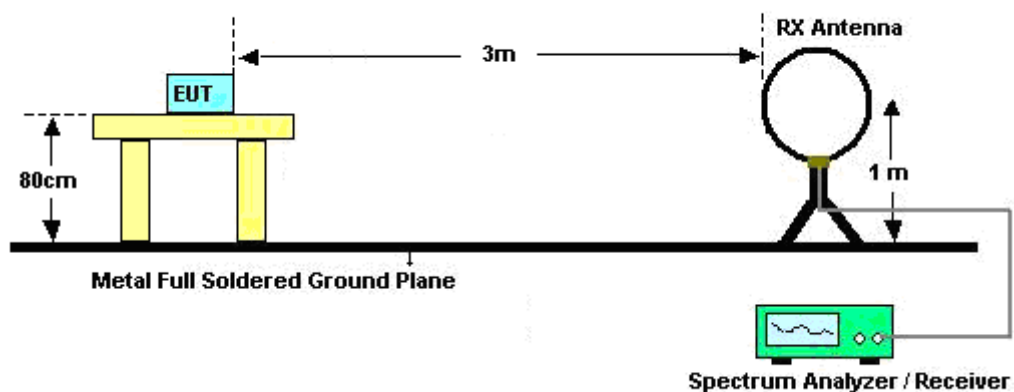
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 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.

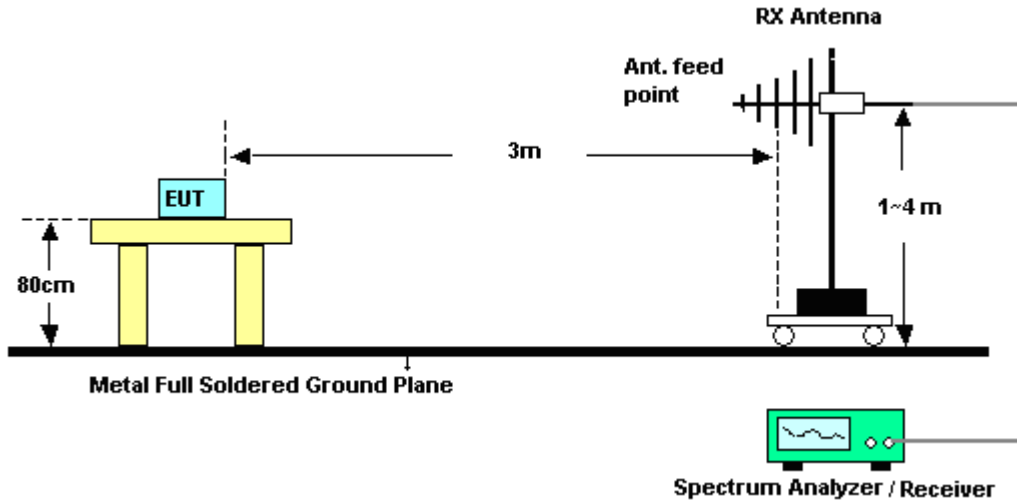
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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 was 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. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

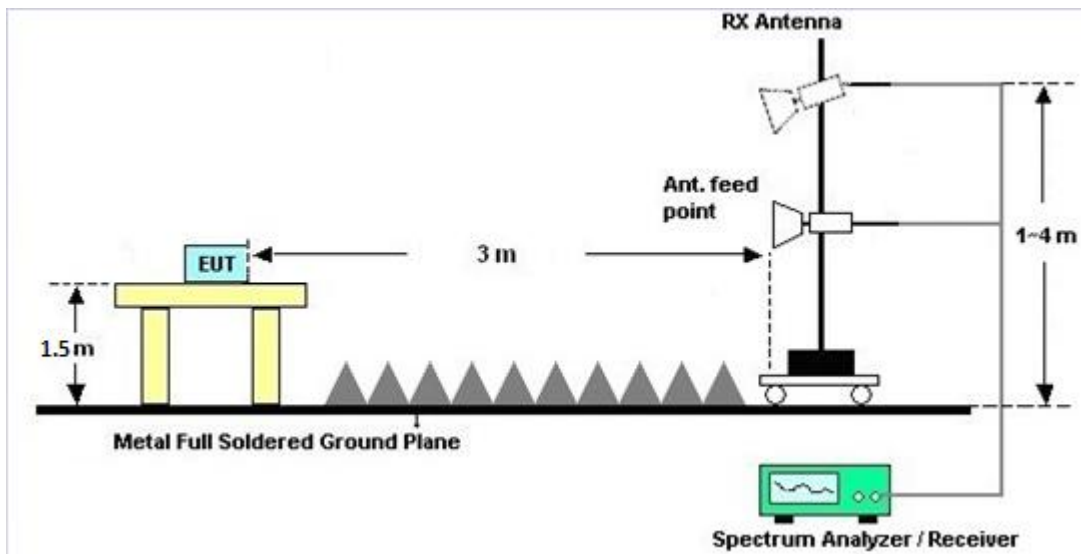
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

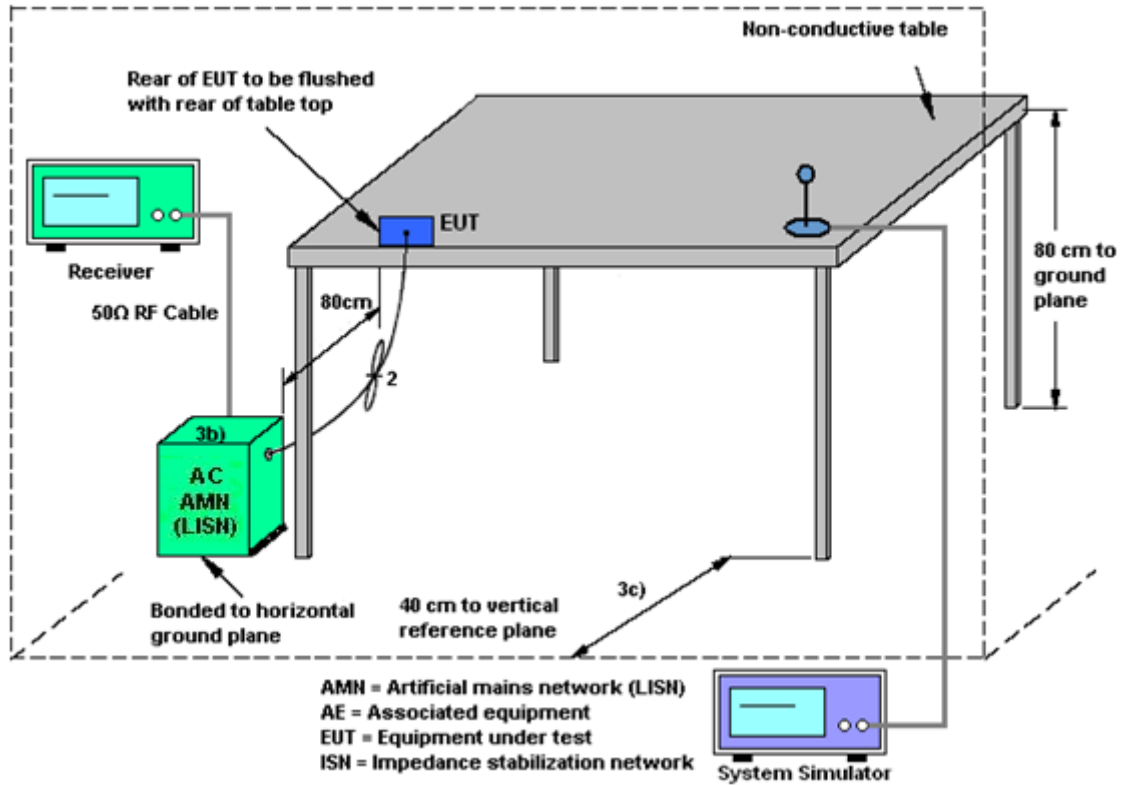
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



3.7 Antenna Requirements

3.7.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	DARE	RPR3006W	13100030S NO32	9kHz~6GHz	Dec. 03, 2018	Jul. 27, 2019~ Aug. 06, 2019	Dec. 02, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2018	Jul. 27, 2019~ Aug. 06, 2019	Nov. 20, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC120838 2	N/A	Mar. 27, 2019	Jul. 27, 2019~ Aug. 06, 2019	Mar. 26, 2020	Conducted (TH05-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 06, 2018	Jul. 27, 2019~ Aug. 06, 2019	Dec. 05, 2019	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 04, 2018	Jul. 27, 2019~ Aug. 06, 2019	Dec. 03, 2019	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D&N -6-06	35414&AT- N0602	30MHz~1GHz	Oct. 13, 2018	Jul. 27, 2019~ Aug. 06, 2019	Oct. 12, 2019	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-132 6	1GHz ~ 18GHz	Oct. 30, 2018	Jul. 27, 2019~ Aug. 06, 2019	Oct. 29, 2019	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 22, 2018	Jul. 27, 2019~ Aug. 06, 2019	Nov. 21, 2019	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY532700 80	1GHz~26.5GHz	Nov. 14, 2018	Jul. 27, 2019~ Aug. 06, 2019	Nov. 13, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 86	10Hz ~ 44GHz	Oct. 19, 2018	Jul. 27, 2019~ Aug. 06, 2019	Oct. 18, 2019	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jul. 27, 2019~ Aug. 06, 2019	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jul. 27, 2019~ Aug. 06, 2019	N/A	Radiation (03CH11-HY)
Preamplifier	MITEQ	AMF-7D-00101 800-30-10P	1590074	1GHz~18GHz	May 20, 2019	Jul. 27, 2019~ Aug. 06, 2019	May 19, 2020	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 584	18GHz- 40GHz	Dec. 05, 2018	Jul. 27, 2019~ Aug. 06, 2019	Dec. 04, 2019	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY541300 85	N/A	Nov. 01, 2018	Jul. 27, 2019~ Aug. 06, 2019	Oct. 31, 2019	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-00104 2	N/A	N/A	Jul. 27, 2019~ Aug. 06, 2019	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz-30MHz	Mar. 13, 2019	Jul. 27, 2019~ Aug. 06, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 13, 2019	Jul. 27, 2019~ Aug. 06, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	30M-18G	Mar. 13, 2019	Jul. 27, 2019~ Aug. 06, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 13, 2019	Jul. 27, 2019~ Aug. 06, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN11	1G Low Pass	Sep. 16, 2018	Jul. 27, 2019~ Aug. 06, 2019	Sep. 17, 2019	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN3	6.75GHz High Pass	Sep. 17, 2018	Jul. 27, 2019~ Aug. 06, 2019	Sep. 16, 2019	Radiation (03CH11-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 29, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 12, 2018	Jul. 29, 2019	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Jul. 29, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Jul. 29, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 29, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	Jul. 29, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	Jul. 29, 2019	Dec. 30, 2019	Conduction (CO05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.2
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2019/7/26~08/06	Relative Humidity:	51~54	%
TX Tool	QRCT V4.0-00093	TX Tool Version		

TEST RESULTS DATA
26dB and 99% OBW

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 1	Ant 1	Ant 1		
11a	6Mbps	1	36	5180	16.85	25.40	-	22.27		
11a	6Mbps	1	44	5220	16.75	25.90	-	22.24		
11a	6Mbps	1	48	5240	16.85	25.30	-	22.27		
VHT20	MCS0	1	36	5180	17.90	25.75	-	22.53		
VHT20	MCS0	1	44	5220	17.95	25.40	-	22.54		
VHT20	MCS0	1	48	5240	17.90	25.60	-	22.53		
VHT40	MCS0	1	38	5190	36.50	41.76	-	23.01		
VHT40	MCS0	1	46	5230	36.60	41.76	-	23.01		
VHT80	MCS0	1	42	5210	76.92	84.39	-	23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)	Pass/Fail
					Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	36	5180	11.70		24.00	0.80		Pass
11a	6Mbps	1	44	5220	11.80		24.00	0.80		Pass
11a	6Mbps	1	48	5240	11.80		24.00	0.80		Pass
HT20	MCS0	1	36	5180	11.70		24.00	0.80		Pass
HT20	MCS0	1	44	5220	11.80		24.00	0.80		Pass
HT20	MCS0	1	48	5240	11.80		24.00	0.80		Pass
HT40	MCS0	1	38	5190	11.70		24.00	0.80		Pass
HT40	MCS0	1	46	5230	11.80		24.00	0.80		Pass
VHT20	MCS0	1	36	5180	11.80		24.00	0.80		Pass
VHT20	MCS0	1	44	5220	11.90		24.00	0.80		Pass
VHT20	MCS0	1	48	5240	11.90		24.00	0.80		Pass
VHT40	MCS0	1	38	5190	11.80		24.00	0.80		Pass
VHT40	MCS0	1	46	5230	11.90		24.00	0.80		Pass
VHT80	MCS0	1	42	5210	11.80		24.00	0.80		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)	Pass /Fail
					Ant 1	Ant 1	SUM	Ant 1	Ant 1			
11a	6Mbps	1	36	5180	0.00	3.49			11.00	0.80		Pass
11a	6Mbps	1	44	5220	0.00	3.71			11.00	0.80		Pass
11a	6Mbps	1	48	5240	0.00	3.40			11.00	0.80		Pass
VHT20	MCS0	1	36	5180	0.00	3.60			11.00	0.80		Pass
VHT20	MCS0	1	44	5220	0.00	3.43			11.00	0.80		Pass
VHT20	MCS0	1	48	5240	0.00	3.80			11.00	0.80		Pass
VHT40	MCS0	1	38	5190	0.00	-0.31			11.00	0.80		Pass
VHT40	MCS0	1	46	5230	0.00	0.22			11.00	0.80		Pass
VHT80	MCS0	1	42	5210	0.00	-2.68			11.00	0.80		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	Note
					Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	52	5260	16.75	24.90	23.24	29.24	23.98	
11a	6Mbps	1	60	5300	16.80	25.75	23.25	29.25	23.98	
11a	6Mbps	1	64	5320	16.85	25.40	23.27	29.27	23.98	
VHT20	MCS0	1	52	5260	17.90	25.70	23.53	29.53	23.98	
VHT20	MCS0	1	60	5300	17.90	25.35	23.53	29.53	23.98	
VHT20	MCS0	1	64	5320	17.85	25.71	23.52	29.52	23.98	
VHT40	MCS0	1	54	5270	36.60	41.90	23.98	30.00	23.98	
VHT40	MCS0	1	62	5310	36.60	41.94	23.98	30.00	23.98	
VHT80	MCS0	1	58	5290	76.80	84.03	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

FCC Band II										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	52	5260	11.60		23.98	0.80	26.9897	Pass
11a	6Mbps	1	60	5300	11.80		23.98	0.80	26.9897	Pass
11a	6Mbps	1	64	5320	11.60		23.98	0.80	26.9897	Pass
HT20	MCS0	1	52	5260	11.60		23.98	0.80	26.9897	Pass
HT20	MCS0	1	60	5300	11.80		23.98	0.80	26.9897	Pass
HT20	MCS0	1	64	5320	11.60		23.98	0.80	26.9897	Pass
HT40	MCS0	1	54	5270	11.60		23.98	0.80	26.9897	Pass
HT40	MCS0	1	62	5310	11.80		23.98	0.80	26.9897	Pass
VHT20	MCS0	1	52	5260	11.70		23.98	0.80	26.9897	Pass
VHT20	MCS0	1	60	5300	11.90		23.98	0.80	26.9897	Pass
VHT20	MCS0	1	64	5320	11.70		23.98	0.80	26.9897	Pass
VHT40	MCS0	1	54	5270	11.70		23.98	0.80	26.9897	Pass
VHT40	MCS0	1	62	5310	11.90		23.98	0.80	26.9897	Pass
VHT80	MCS0	1	58	5290	11.60		23.98	0.80	26.9897	Pass

TEST RESULTS DATA
Power Spectral Density

Band II												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)	Pass /Fail
					Ant 1	Ant 1	SUM	Ant 1	Ant 1			
11a	6Mbps	1	52	5260	0.00	3.44			11.00	0.80		Pass
11a	6Mbps	1	60	5300	0.00	3.59			11.00	0.80		Pass
11a	6Mbps	1	64	5320	0.00	3.65			11.00	0.80		Pass
VHT20	MCS0	1	52	5260	0.00	3.28			11.00	0.80		Pass
VHT20	MCS0	1	60	5300	0.00	3.46			11.00	0.80		Pass
VHT20	MCS0	1	64	5320	0.00	3.22			11.00	0.80		Pass
VHT40	MCS0	1	54	5270	0.00	-0.24			11.00	0.80		Pass
VHT40	MCS0	1	62	5310	0.00	-0.29			11.00	0.80		Pass
VHT80	MCS0	1	58	5290	0.00	-2.57			11.00	0.80		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)	26 dB Bandwidth In U-NII 2C (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)
					Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	Ant 1
11a	6Mbps	1	100	5500	16.75	25.00	23.24	29.24	23.98	----
11a	6Mbps	1	116	5580	16.75	25.25	23.24	29.24	23.98	----
11a	6Mbps	1	140	5700	16.80	25.20	23.25	29.25	23.98	----
VHT20	MCS0	1	100	5500	17.90	25.55	23.53	29.53	23.98	----
VHT20	MCS0	1	116	5580	17.85	25.41	23.52	29.52	23.98	----
VHT20	MCS0	1	140	5700	17.90	26.40	23.53	29.53	23.98	----
VHT40	MCS0	1	102	5510	36.60	41.76	23.98	30.00	23.98	----
VHT40	MCS0	1	110	5550	36.50	41.76	23.98	30.00	23.98	----
VHT40	MCS0	1	134	5670	36.60	41.96	23.98	30.00	23.98	----
VHT80	MCS0	1	106	5530	76.68	83.84	23.98	30.00	23.98	----

TEST RESULTS DATA
Average Power Table

FCC Band III											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	SUM	Ant 1	Ant 1			
11a	6Mbps	1	100	5500	11.70		23.98	-0.70	26.99	Pass	
11a	6Mbps	1	116	5580	11.80		23.98	-0.70	26.99	Pass	
11a	6Mbps	1	140	5700	11.80		23.98	-0.70	26.99	Pass	
HT20	MCS0	1	100	5500	11.70		23.98	-0.70	26.99	Pass	
HT20	MCS0	1	116	5580	11.80		23.98	-0.70	26.99	Pass	
HT20	MCS0	1	140	5700	11.80		23.98	-0.70	26.99	Pass	
HT40	MCS0	1	102	5510	11.60		23.98	-0.70	26.99	Pass	
HT40	MCS0	1	110	5550	11.50		23.98	-0.70	26.99	Pass	
HT40	MCS0	1	134	5670	11.80		23.98	-0.70	26.99	Pass	
VHT20	MCS0	1	100	5500	11.80		23.98	-0.70	26.99	Pass	
VHT20	MCS0	1	116	5580	11.90		23.98	-0.70	26.99	Pass	
VHT20	MCS0	1	140	5700	11.90		23.98	-0.70	26.99	Pass	
VHT40	MCS0	1	102	5510	11.70		23.98	-0.70	26.99	Pass	
VHT40	MCS0	1	110	5550	11.60		23.98	-0.70	26.99	Pass	
VHT40	MCS0	1	134	5670	11.90		23.98	-0.70	26.99	Pass	
VHT80	MCS0	1	106	5530	11.90		23.98	-0.70	26.99	Pass	

TEST RESULTS DATA
Power Spectral Density

Band III											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)	Pass /Fail
					Ant 1	Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	100	5500	0.00	3.13		11.00	-0.70		Pass
11a	6Mbps	1	116	5580	0.00	3.56		11.00	-0.70		Pass
11a	6Mbps	1	140	5700	0.00	3.31		11.00	-0.70		Pass
VHT20	MCS0	1	100	5500	0.00	3.27		11.00	-0.70		Pass
VHT20	MCS0	1	116	5580	0.00	3.41		11.00	-0.70		Pass
VHT20	MCS0	1	140	5700	0.00	3.20		11.00	-0.70		Pass
VHT40	MCS0	1	102	5510	0.00	-0.41		11.00	-0.70		Pass
VHT40	MCS0	1	110	5550	0.00	-0.32		11.00	-0.70		Pass
VHT40	MCS0	1	134	5670	0.00	-0.24		11.00	-0.70		Pass
VHT80	MCS0	1	106	5530	0.00	-2.19		11.00	-0.70		Pass



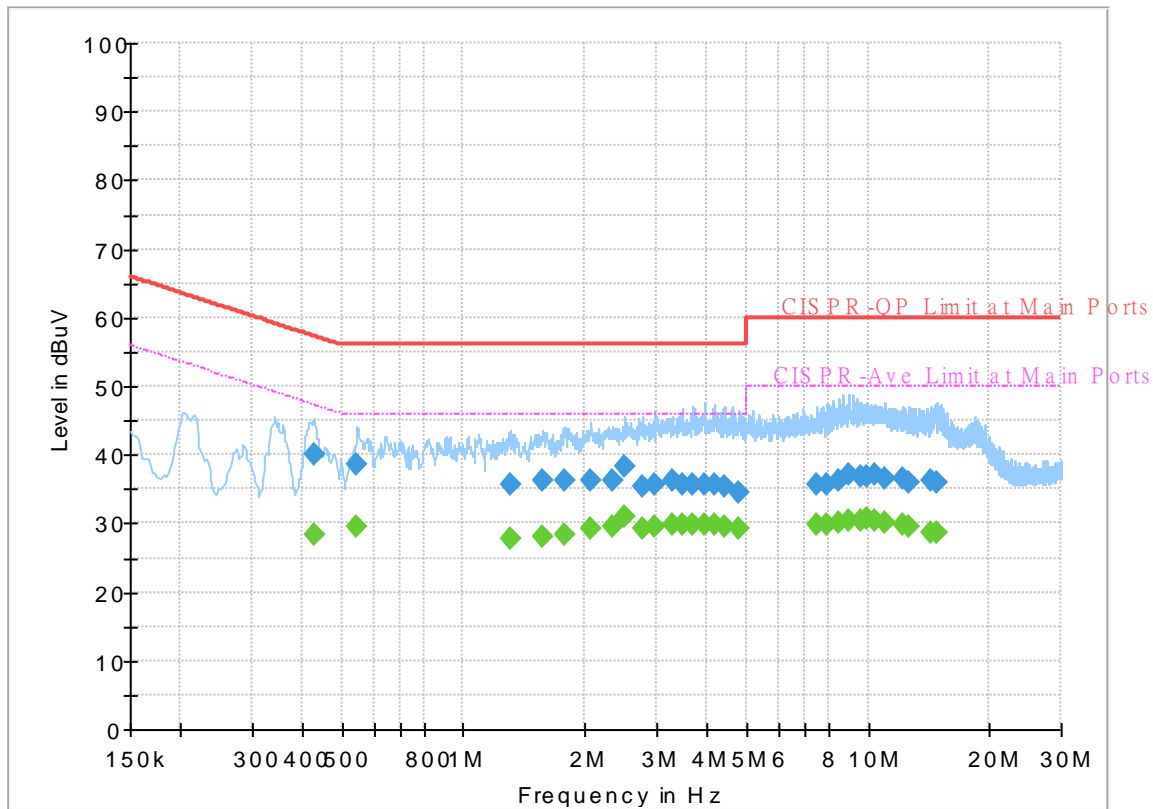
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jimmy Chang	Temperature :	25~27°C
		Relative Humidity :	58~60%

EUT Information

Report NO : 971613
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

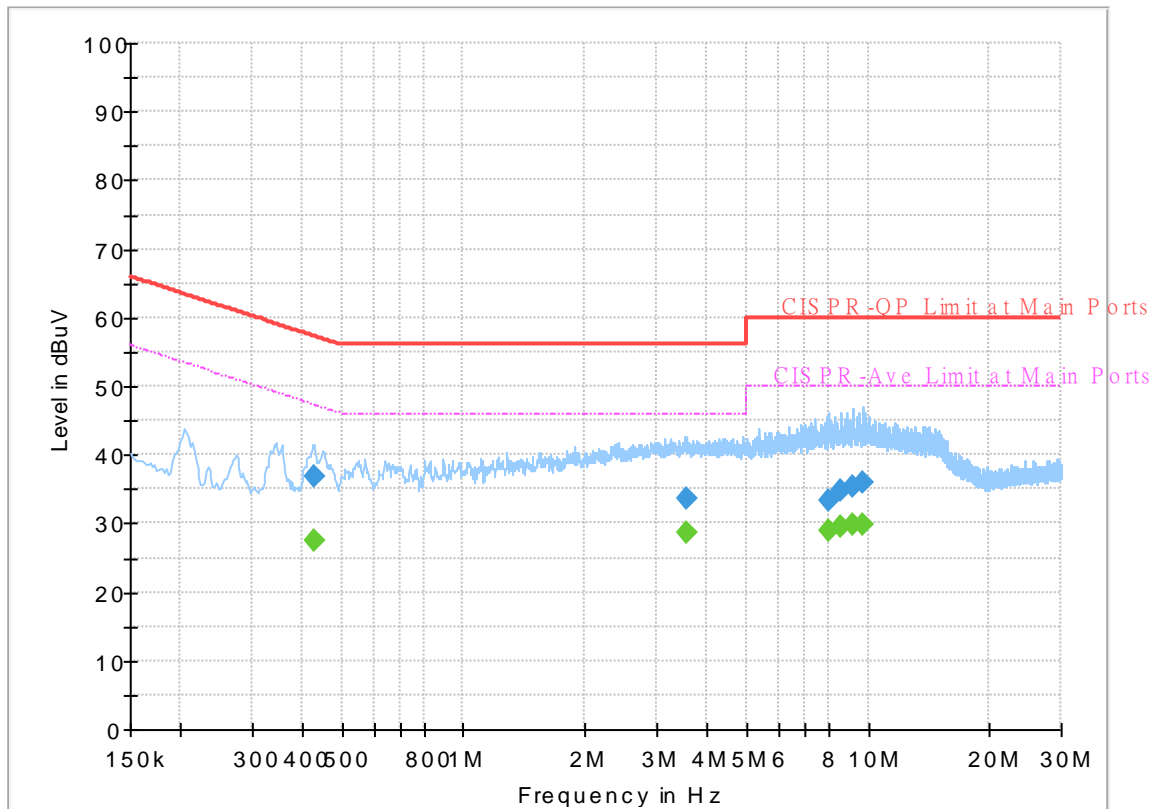
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.426750	---	28.39	47.32	18.93	L1	OFF	19.4
0.426750	40.02	---	57.32	17.30	L1	OFF	19.4
0.546000	---	29.51	46.00	16.49	L1	OFF	19.4
0.546000	38.51	---	56.00	17.49	L1	OFF	19.4
1.302000	---	27.91	46.00	18.09	L1	OFF	19.5
1.302000	35.66	---	56.00	20.34	L1	OFF	19.5
1.563000	---	27.93	46.00	18.07	L1	OFF	19.5
1.563000	36.17	---	56.00	19.83	L1	OFF	19.5
1.770000	---	28.39	46.00	17.61	L1	OFF	19.5
1.770000	36.18	---	56.00	19.82	L1	OFF	19.5
2.069250	---	29.33	46.00	16.67	L1	OFF	19.5
2.069250	36.24	---	56.00	19.76	L1	OFF	19.5
2.334750	---	29.63	46.00	16.37	L1	OFF	19.5
2.334750	36.30	---	56.00	19.70	L1	OFF	19.5
2.499000	---	30.93	46.00	15.07	L1	OFF	19.5
2.499000	38.32	---	56.00	17.68	L1	OFF	19.5
2.771250	---	29.28	46.00	16.72	L1	OFF	19.5
2.771250	35.23	---	56.00	20.77	L1	OFF	19.5
2.978250	---	29.64	46.00	16.36	L1	OFF	19.5
2.978250	35.61	---	56.00	20.39	L1	OFF	19.5
3.279750	---	29.86	46.00	16.14	L1	OFF	19.6

3.279750	36.20	---	56.00	19.80	L1	OFF	19.6
3.466500	---	29.83	46.00	16.17	L1	OFF	19.6
3.466500	35.79	---	56.00	20.21	L1	OFF	19.6
3.678000	---	29.72	46.00	16.28	L1	OFF	19.6
3.678000	35.82	---	56.00	20.18	L1	OFF	19.6
3.952500	---	29.71	46.00	16.29	L1	OFF	19.6
3.952500	35.60	---	56.00	20.40	L1	OFF	19.6
4.159500	---	29.69	46.00	16.31	L1	OFF	19.6
4.159500	35.68	---	56.00	20.32	L1	OFF	19.6
4.434000	---	29.49	46.00	16.51	L1	OFF	19.6
4.434000	35.32	---	56.00	20.68	L1	OFF	19.6
4.816500	---	29.10	46.00	16.90	L1	OFF	19.6
4.816500	34.62	---	56.00	21.38	L1	OFF	19.6
7.464750	---	29.77	50.00	20.23	L1	OFF	19.7
7.464750	35.58	---	60.00	24.42	L1	OFF	19.7
7.946250	---	29.92	50.00	20.08	L1	OFF	19.7
7.946250	35.63	---	60.00	24.37	L1	OFF	19.7
8.436750	---	30.16	50.00	19.84	L1	OFF	19.8
8.436750	36.12	---	60.00	23.88	L1	OFF	19.8
8.925000	---	30.51	50.00	19.49	L1	OFF	19.8
8.925000	37.21	---	60.00	22.79	L1	OFF	19.8
9.624750	---	30.50	50.00	19.50	L1	OFF	19.8
9.624750	36.70	---	60.00	23.30	L1	OFF	19.8
9.969000	---	30.57	50.00	19.43	L1	OFF	19.8
9.969000	36.83	---	60.00	23.17	L1	OFF	19.8
10.443750	---	30.47	50.00	19.53	L1	OFF	19.8
10.443750	37.01	---	60.00	22.99	L1	OFF	19.8
11.064750	---	30.25	50.00	19.75	L1	OFF	19.9
11.064750	36.66	---	60.00	23.34	L1	OFF	19.9
12.142500	---	29.94	50.00	20.06	L1	OFF	19.9
12.142500	36.59	---	60.00	23.41	L1	OFF	19.9
12.565500	---	29.49	50.00	20.51	L1	OFF	19.9
12.565500	35.91	---	60.00	24.09	L1	OFF	19.9
14.268750	---	28.79	50.00	21.21	L1	OFF	20.0
14.268750	36.14	---	60.00	23.86	L1	OFF	20.0
14.829000	---	28.69	50.00	21.31	L1	OFF	20.0
14.829000	36.02	---	60.00	23.98	L1	OFF	20.0

EUT Information

Report NO : 971613
 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)
0.426750	---	27.57	47.32	19.75	N	OFF	19.5
0.426750	36.84	---	57.32	20.48	N	OFF	19.5
3.543000	---	28.56	46.00	17.44	N	OFF	19.6
3.543000	33.62	---	56.00	22.38	N	OFF	19.6
7.955250	---	28.83	50.00	21.17	N	OFF	19.8
7.955250	33.33	---	60.00	26.67	N	OFF	19.8
8.540250	---	29.58	50.00	20.42	N	OFF	19.8
8.540250	34.94	---	60.00	25.06	N	OFF	19.8
9.213000	---	29.83	50.00	20.17	N	OFF	19.8
9.213000	35.26	---	60.00	24.74	N	OFF	19.8
9.748500	---	29.85	50.00	20.15	N	OFF	19.9
9.748500	35.83	---	60.00	24.17	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Kuo, Fu Chen, Troye Hsieh	Temperature :	21.6~26°C
		Relative Humidity :	54.6~66.3%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		5138.58	52.62	-21.38	74	43.84	31.88	10.02	33.12	100	58	P	H
		5147.94	41.81	-12.19	54	33	31.9	10.03	33.12	100	58	A	H
	*	5180	99.83	-	-	91.16	31.72	10.07	33.12	100	58	P	H
	*	5180	92.4	-	-	83.73	31.72	10.07	33.12	100	58	A	H
		5145.34	51.64	-22.36	74	42.84	31.89	10.03	33.12	354	107	P	V
		5146.9	41.81	-12.19	54	33.01	31.89	10.03	33.12	354	107	A	V
	*	5180	101.18	-	-	92.51	31.72	10.07	33.12	354	107	P	V
	*	5180	93.79	-	-	85.12	31.72	10.07	33.12	354	107	A	V
802.11a CH 44 5220MHz		5091.78	51.79	-22.21	74	43.17	31.77	9.97	33.12	100	58	P	H
		5104.26	41.39	-12.61	54	32.72	31.81	9.98	33.12	100	58	A	H
	*	5220	100.09	-	-	91.59	31.52	10.1	33.12	100	58	P	H
	*	5220	92.39	-	-	83.89	31.52	10.1	33.12	100	58	A	H
		5438.95	50	-24	74	41.22	31.68	10.21	33.11	100	58	P	H
		5454.61	40.04	-13.96	54	31.2	31.72	10.23	33.11	100	58	A	H
		5080.6	52.02	-21.98	74	43.46	31.72	9.96	33.12	348	108	P	V
		5121.94	41.34	-12.66	54	32.62	31.84	10	33.12	348	108	A	V
	*	5220	101.67	-	-	93.17	31.52	10.1	33.12	348	108	P	V
	*	5220	94.25	-	-	85.75	31.52	10.1	33.12	348	108	A	V
		5423.83	50.38	-23.62	74	41.65	31.65	10.19	33.11	348	108	P	V
	5458.39	39.92	-14.08	54	31.06	31.73	10.24	33.11	348	108	A	V	



802.11a CH 48 5240MHz		5122.2	51.58	-22.42	74	42.86	31.84	10	33.12	102	58	P	H
		5092.3	41.4	-12.6	54	32.78	31.77	9.97	33.12	102	58	A	H
	*	5240	99.87	-	-	91.45	31.44	10.1	33.12	102	58	P	H
	*	5240	92.3	-	-	83.88	31.44	10.1	33.12	102	58	A	H
		5427.88	49.53	-24.47	74	40.79	31.66	10.19	33.11	102	58	P	H
		5457.31	40.12	-13.88	54	31.26	31.73	10.24	33.11	102	58	A	H
		5050.7	50.83	-23.17	74	42.42	31.6	9.93	33.12	348	110	P	V
		5087.62	41.31	-12.69	54	32.71	31.75	9.97	33.12	348	110	A	V
	*	5240	102.07	-	-	93.65	31.44	10.1	33.12	348	110	P	V
	*	5240	94.66	-	-	86.24	31.44	10.1	33.12	348	110	A	V
		5387.65	49.96	-24.04	74	41.39	31.53	10.15	33.11	348	110	P	V
		5445.7	40.13	-13.87	54	31.33	31.69	10.22	33.11	348	110	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	46.27	-21.93	68.2	47.56	39.54	16.12	56.95	100	0	P	H
		15540	45.47	-28.53	74	43.27	38.3	20.56	56.66	100	0	P	H
		10360	46.6	-21.6	68.2	47.89	39.54	16.12	56.95	100	0	P	V
		15540	44.73	-29.27	74	42.53	38.3	20.56	56.66	100	0	P	V
802.11a CH 44 5220MHz		10440	46.09	-22.11	68.2	47.15	39.7	16.17	56.93	100	0	P	H
		15660	45.24	-28.76	74	43.52	37.7	20.53	56.51	100	0	P	H
		10440	46.46	-21.74	68.2	47.52	39.7	16.17	56.93	100	0	P	V
		15660	45.86	-28.14	74	44.14	37.7	20.53	56.51	100	0	P	V
802.11a CH 48 5240MHz		10480	45.39	-22.81	68.2	46.4	39.7	16.2	56.91	100	0	P	H
		15720	45.46	-28.54	74	43.85	37.52	20.52	56.43	100	0	P	H
		10480	45.88	-22.32	68.2	46.89	39.7	16.2	56.91	100	0	P	V
		15720	45.62	-28.38	74	44.01	37.52	20.52	56.43	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT20 CH 36 5180MHz		5118.04	51.8	-22.2	74	43.08	31.84	10	33.12	100	57	P	H
		5149.24	41.68	-12.32	54	32.87	31.9	10.03	33.12	100	57	A	H
	*	5180	99.27	-	-	90.6	31.72	10.07	33.12	100	57	P	H
	*	5180	91.62	-	-	82.95	31.72	10.07	33.12	100	57	A	H
		5121.68	51.12	-22.88	74	42.4	31.84	10	33.12	356	110	P	V
		5149.76	41.72	-12.28	54	32.91	31.9	10.03	33.12	356	110	A	V
	*	5180	100.35	-	-	91.68	31.72	10.07	33.12	356	110	P	V
	*	5180	92.88	-	-	84.21	31.72	10.07	33.12	356	110	A	V
802.11ac VHT20 CH 44 5220MHz		5078.78	52.66	-21.34	74	44.1	31.72	9.96	33.12	100	53	P	H
		5056.68	41.35	-12.65	54	32.91	31.63	9.93	33.12	100	53	A	H
	*	5220	99.81	-	-	91.31	31.52	10.1	33.12	100	53	P	H
	*	5220	91.83	-	-	83.33	31.52	10.1	33.12	100	53	A	H
		5441.38	48.9	-25.1	74	40.12	31.68	10.21	33.11	100	53	P	H
		5458.12	40.31	-13.69	54	31.45	31.73	10.24	33.11	100	53	A	H
		5070.2	50.42	-23.58	74	41.91	31.68	9.95	33.12	348	109	P	V
		5089.44	41.26	-12.74	54	32.65	31.76	9.97	33.12	348	109	A	V
	*	5220	101.69	-	-	93.19	31.52	10.1	33.12	348	109	P	V
	*	5220	94.2	-	-	85.7	31.52	10.1	33.12	348	109	A	V
		5426.53	48.3	-25.7	74	39.57	31.65	10.19	33.11	348	109	P	V
	5459.2	40.28	-13.72	54	31.41	31.74	10.24	33.11	348	109	A	V	



802.11ac VHT20 CH 48 5240MHz		5091.78	51.81	-22.19	74	43.19	31.77	9.97	33.12	100	57	P	H
		5062.66	41.2	-12.8	54	32.73	31.65	9.94	33.12	100	57	A	H
	*	5240	100.14	-	-	91.72	31.44	10.1	33.12	100	57	P	H
	*	5240	92.44	-	-	84.02	31.44	10.1	33.12	100	57	A	H
		5427.88	48.97	-25.03	74	40.23	31.66	10.19	33.11	100	57	P	H
		5440.57	40.28	-13.72	54	31.5	31.68	10.21	33.11	100	57	A	H
		5080.08	50.48	-23.52	74	41.92	31.72	9.96	33.12	327	109	P	V
		5106.08	41.26	-12.74	54	32.58	31.81	9.99	33.12	327	109	A	V
	*	5240	101.64	-	-	93.22	31.44	10.1	33.12	327	109	P	V
	*	5240	94.18	-	-	85.76	31.44	10.1	33.12	327	109	A	V
		5417.08	48.59	-25.41	74	39.89	31.63	10.18	33.11	327	109	P	V
	5445.43	40.35	-13.65	54	31.55	31.69	10.22	33.11	327	109	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac		10360	46.97	-21.23	68.2	48.26	39.54	16.12	56.95	100	0	P	H
VHT20		15540	45.3	-28.7	74	43.1	38.3	20.56	56.66	100	0	P	H
CH 36		10360	47.04	-21.16	68.2	48.33	39.54	16.12	56.95	100	0	P	V
5180MHz		15540	45.38	-28.62	74	43.18	38.3	20.56	56.66	100	0	P	V
802.11ac		10440	47.12	-21.08	68.2	48.18	39.7	16.17	56.93	100	0	P	H
VHT20		15660	44.81	-29.19	74	43.09	37.7	20.53	56.51	100	0	P	H
CH 44		10440	47.32	-20.88	68.2	48.38	39.7	16.17	56.93	100	0	P	V
5220MHz		15660	44.92	-29.08	74	43.2	37.7	20.53	56.51	100	0	P	V
802.11ac		10480	46.94	-21.26	68.2	47.95	39.7	16.2	56.91	100	0	P	H
VHT20		15720	45.73	-28.27	74	44.12	37.52	20.52	56.43	100	0	P	H
CH 48		10480	46.72	-21.48	68.2	47.73	39.7	16.2	56.91	100	0	P	V
5240MHz		15720	45.5	-28.5	74	43.89	37.52	20.52	56.43	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT40 CH 38 5190MHz		5147.16	55.77	-18.23	74	46.97	31.89	10.03	33.12	100	61	P	H
		5149.76	49.46	-4.54	54	40.65	31.9	10.03	33.12	100	61	A	H
	*	5190	97.39	-	-	88.77	31.66	10.08	33.12	100	61	P	H
	*	5190	89.45	-	-	80.83	31.66	10.08	33.12	100	61	A	H
		5371.8	48.35	-25.65	74	39.89	31.43	10.14	33.11	100	61	P	H
		5458.04	40.48	-13.52	54	31.62	31.73	10.24	33.11	100	61	A	H
		5150	54.29	-19.71	74	45.48	31.9	10.03	33.12	398	110	P	V
		5150	48.21	-5.79	54	39.4	31.9	10.03	33.12	398	110	A	V
	*	5190	98.61	-	-	89.99	31.66	10.08	33.12	398	110	P	V
	*	5190	90.52	-	-	81.9	31.66	10.08	33.12	398	110	A	V
		5444.04	48.3	-25.7	74	39.5	31.69	10.22	33.11	398	110	P	V
	5436.76	40.5	-13.5	54	31.73	31.67	10.21	33.11	398	110	A	V	
802.11ac VHT40 CH 46 5230MHz		5031.72	50.63	-23.37	74	42.32	31.53	9.9	33.12	100	56	P	H
		5103.74	42.28	-11.72	54	33.61	31.81	9.98	33.12	100	56	A	H
	*	5230	99.04	-	-	90.58	31.48	10.1	33.12	100	56	P	H
	*	5230	91.05	-	-	82.59	31.48	10.1	33.12	100	56	A	H
		5422.48	48.19	-25.81	74	39.48	31.64	10.18	33.11	100	56	P	H
		5425	40.76	-13.24	54	32.03	31.65	10.19	33.11	100	56	A	H
		5004.68	49.91	-24.09	74	41.73	31.42	9.88	33.12	349	108	P	V
		5141.7	42.05	-11.95	54	33.26	31.88	10.03	33.12	349	108	A	V
	*	5230	99.25	-	-	90.79	31.48	10.1	33.12	349	108	P	V
	*	5230	91.06	-	-	82.6	31.48	10.1	33.12	349	108	A	V
		5452.72	48.8	-25.2	74	39.97	31.71	10.23	33.11	349	108	P	V
	5457.76	40.97	-13.03	54	32.11	31.73	10.24	33.11	349	108	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac		10380	47.44	-20.76	68.2	48.63	39.62	16.14	56.95	100	0	P	H
VHT40		15570	45.03	-28.97	74	42.95	38.15	20.55	56.62	100	0	P	H
CH 38		10380	47.04	-21.16	68.2	48.23	39.62	16.14	56.95	100	0	P	V
5190MHz		15570	45.17	-28.83	74	43.09	38.15	20.55	56.62	100	0	P	V
802.11ac		10460	46.39	-21.81	68.2	47.42	39.7	16.19	56.92	100	0	P	H
VHT40		15690	44.83	-29.17	74	43.22	37.55	20.53	56.47	100	0	P	H
CH 46		10460	46.89	-21.31	68.2	47.92	39.7	16.19	56.92	100	0	P	V
5230MHz		15690	45.42	-28.58	74	43.81	37.55	20.53	56.47	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5144.16	55.29	-18.71	74	46.49	31.89	10.03	33.12	100	59	P	H
		5141.78	48.82	-5.18	54	40.03	31.88	10.03	33.12	100	59	A	H
	*	5210	92.82	-	-	84.29	31.56	10.09	33.12	100	59	P	H
	*	5210	84.92	-	-	76.39	31.56	10.09	33.12	100	59	A	H
		5454.28	49.08	-24.92	74	40.24	31.72	10.23	33.11	100	59	P	H
		5449.08	40.83	-13.17	54	32.01	31.7	10.23	33.11	100	59	A	H
		5146.54	56.38	-17.62	74	47.58	31.89	10.03	33.12	377	107	P	V
		5149.94	49.87	-4.13	54	41.06	31.9	10.03	33.12	377	107	A	V
	*	5210	95.14	-	-	86.61	31.56	10.09	33.12	377	107	P	V
	*	5210	87.31	-	-	78.78	31.56	10.09	33.12	377	107	A	V
		5410.34	48.61	-25.39	74	39.93	31.62	10.17	33.11	377	107	P	V
	5445.7	40.8	-13.2	54	32	31.69	10.22	33.11	377	107	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	47.55	-20.65	68.2	48.62	39.7	16.16	56.93	100	0	P	H
		15630	45.88	-28.12	74	44.02	37.85	20.54	56.53	100	0	P	H
		10420	47.48	-20.72	68.2	48.55	39.7	16.16	56.93	100	0	P	V
		15630	45.68	-28.32	74	43.82	37.85	20.54	56.53	100	0	P	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 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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 52 5260MHz		5083.3	50.11	-23.89	74	41.54	31.73	9.96	33.12	100	57	P	H
		5107.78	41.25	-12.75	54	32.56	31.82	9.99	33.12	100	57	A	H
	*	5260	101.38	-	-	93	31.38	10.11	33.11	100	57	P	H
	*	5260	94	-	-	85.62	31.38	10.11	33.11	100	57	A	H
		5409.12	48.69	-25.31	74	40.02	31.62	10.16	33.11	100	57	P	H
		5459.52	40.32	-13.68	54	31.45	31.74	10.24	33.11	100	57	A	H
		5113.56	49.84	-24.16	74	41.14	31.83	9.99	33.12	329	108	P	V
		5138.72	41.25	-12.75	54	32.47	31.88	10.02	33.12	329	108	A	V
	*	5260	101.86	-	-	93.48	31.38	10.11	33.11	329	108	P	V
	*	5260	94.47	-	-	86.09	31.38	10.11	33.11	329	108	A	V
		5456.4	49.1	-24.9	74	40.24	31.73	10.24	33.11	329	108	P	V
		5458.56	40.34	-13.66	54	31.48	31.73	10.24	33.11	329	108	A	V
802.11a CH 60 5300MHz		5110.84	50.95	-23.05	74	42.26	31.82	9.99	33.12	101	58	P	H
		5053.72	41.3	-12.7	54	32.88	31.61	9.93	33.12	101	58	A	H
	*	5300	101.85	-	-	93.54	31.3	10.12	33.11	101	58	P	H
	*	5300	94.38	-	-	86.07	31.3	10.12	33.11	101	58	A	H
		5435.04	48.86	-25.14	74	40.1	31.67	10.2	33.11	101	58	P	H
		5352	40.89	-13.11	54	32.55	31.31	10.14	33.11	101	58	A	H
		5134.64	49.69	-24.31	74	40.92	31.87	10.02	33.12	357	113	P	V
		5116.28	41.28	-12.72	54	32.57	31.83	10	33.12	357	113	A	V
	*	5300	103.27	-	-	94.96	31.3	10.12	33.11	357	113	P	V
	*	5300	95.21	-	-	86.9	31.3	10.12	33.11	357	113	A	V
		5427.36	49.5	-24.5	74	40.77	31.65	10.19	33.11	357	113	P	V
		5351.76	40.95	-13.05	54	32.61	31.31	10.14	33.11	357	113	A	V



802.11a CH 64 5320MHz	*	5320	102.3	-	-	93.98	31.3	10.13	33.11	100	60	P	H
	*	5320	94.87	-	-	86.55	31.3	10.13	33.11	100	60	A	H
		5365.76	49.69	-24.31	74	41.27	31.39	10.14	33.11	100	60	P	H
		5352.64	41.59	-12.41	54	33.24	31.32	10.14	33.11	100	60	A	H
	*	5320	102.88	-	-	94.56	31.3	10.13	33.11	338	113	P	V
	*	5320	95.48	-	-	87.16	31.3	10.13	33.11	338	113	A	V
		5371.68	50.05	-23.95	74	41.59	31.43	10.14	33.11	338	113	P	V
		5350.24	41.78	-12.22	54	33.45	31.3	10.14	33.11	338	113	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	46.62	-21.58	68.2	47.59	39.7	15.99	56.89	100	0	P	H
		15780	45.6	-28.4	74	43.88	37.58	20.06	56.37	100	0	P	H
		10520	45.38	-22.82	68.2	46.35	39.7	15.99	56.89	100	0	P	V
		15780	46.1	-27.9	74	44.38	37.58	20.06	56.37	100	0	P	V
802.11a CH 60 5300MHz		10600	47.13	-26.87	74	47.98	39.7	16.04	56.82	100	0	P	H
		15900	44.21	-29.79	74	42.75	37.2	20.06	56.22	100	0	P	H
		10600	45.31	-28.69	74	46.16	39.7	16.04	56.82	100	0	P	V
		15900	44.77	-29.23	74	43.31	37.2	20.06	56.22	100	0	P	V
802.11a CH 64 5320MHz		10640	45.03	-28.97	74	45.86	39.66	16.07	56.79	100	0	P	H
		15960	44.08	-29.92	74	42.73	37.02	20.06	56.14	100	0	P	H
		10640	44.81	-29.19	74	45.64	39.66	16.07	56.79	100	0	P	V
		15960	44.06	-29.94	74	42.71	37.02	20.06	56.14	100	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT20 CH 52 5260MHz		5048.62	51.3	-22.7	74	42.91	31.59	9.92	33.12	100	58	P	H
		5060.18	41.25	-12.75	54	32.79	31.64	9.94	33.12	100	58	A	H
	*	5260	99.7	-	-	91.32	31.38	10.11	33.11	100	58	P	H
	*	5260	91.98	-	-	83.6	31.38	10.11	33.11	100	58	A	H
		5427.36	49.72	-24.28	74	40.99	31.65	10.19	33.11	100	58	P	H
		5436.24	39.83	-14.17	54	31.06	31.67	10.21	33.11	100	58	A	H
		5000	50.68	-23.32	74	42.53	31.4	9.87	33.12	326	113	P	V
		5108.46	41.09	-12.91	54	32.4	31.82	9.99	33.12	326	113	A	V
	*	5260	101.63	-	-	93.25	31.38	10.11	33.11	326	113	P	V
	*	5260	93.93	-	-	85.55	31.38	10.11	33.11	326	113	A	V
		5398.32	49.26	-24.74	74	40.63	31.59	10.15	33.11	326	113	P	V
		5453.52	39.8	-14.2	54	30.97	31.71	10.23	33.11	326	113	A	V
802.11ac VHT20 CH 60 5300MHz		5027.88	51.08	-22.92	74	42.79	31.51	9.9	33.12	104	57	P	H
		5083.64	41.39	-12.61	54	32.82	31.73	9.96	33.12	104	57	A	H
	*	5300	99.81	-	-	91.5	31.3	10.12	33.11	104	57	P	H
	*	5300	92.19	-	-	83.88	31.3	10.12	33.11	104	57	P	H
		5368.08	49.38	-24.62	74	40.94	31.41	10.14	33.11	104	57	P	H
		5451.36	40.06	-13.94	54	31.23	31.71	10.23	33.11	104	57	A	H
		5149.26	50.47	-23.53	74	41.66	31.9	10.03	33.12	320	112	P	V
		5100.98	41.23	-12.77	54	32.57	31.8	9.98	33.12	320	112	A	V
	*	5300	102.43	-	-	94.12	31.3	10.12	33.11	320	112	P	V
	*	5300	94.85	-	-	86.54	31.3	10.12	33.11	320	112	A	V
		5368.08	50.54	-23.46	74	42.1	31.41	10.14	33.11	320	112	P	V
		5351.76	40.62	-13.38	54	32.28	31.31	10.14	33.11	320	112	A	V



802.11ac VHT20 CH 64 5320MHz	*	5320	100.12	-	-	91.8	31.3	10.13	33.11	100	63	P	H
	*	5320	92.54	-	-	84.22	31.3	10.13	33.11	100	63	A	H
		5351.52	50.78	-23.22	74	42.44	31.31	10.14	33.11	100	63	P	H
		5353.12	40.73	-13.27	54	32.38	31.32	10.14	33.11	100	63	A	H
	*	5320	102.89	-	-	94.57	31.3	10.13	33.11	338	112	P	V
	*	5320	95.11	-	-	86.79	31.3	10.13	33.11	338	112	A	V
		5369.76	50.79	-23.21	74	42.34	31.42	10.14	33.11	338	112	P	V
		5350.72	41.43	-12.57	54	33.1	31.3	10.14	33.11	338	112	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac		10520	46.21	-21.99	68.2	47.18	39.7	16.22	56.89	100	0	P	H
VHT20		15780	44.84	-29.16	74	43.12	37.58	20.51	56.37	100	0	P	H
CH 52		10520	46.56	-21.64	68.2	47.53	39.7	16.22	56.89	100	0	P	V
5260MHz		15780	45.42	-28.58	74	43.7	37.58	20.51	56.37	100	0	P	V
802.11ac		10600	46.66	-27.34	74	47.51	39.7	16.27	56.82	100	0	P	H
VHT20		15900	44.38	-29.62	74	42.92	37.2	20.48	56.22	100	0	P	H
CH 60		10600	45.2	-28.8	74	46.05	39.7	16.27	56.82	100	0	P	V
5300MHz		15900	44.77	-29.23	74	43.31	37.2	20.48	56.22	100	0	P	V
802.11ac		10640	45.6	-28.4	74	46.43	39.66	16.3	56.79	100	0	P	H
VHT20		15960	44.68	-29.32	74	43.33	37.02	20.47	56.14	100	0	P	H
CH 64		10640	45.19	-28.81	74	46.02	39.66	16.3	56.79	100	0	P	V
5320MHz		15960	44.25	-29.75	74	42.9	37.02	20.47	56.14	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT40 CH 54 5270MHz		5028.9	51.56	-22.44	74	43.26	31.52	9.9	33.12	100	55	P	H
		5131.58	41.95	-12.05	54	33.2	31.86	10.01	33.12	100	55	A	H
	*	5270	97.45	-	-	89.09	31.36	10.11	33.11	100	55	P	H
	*	5270	89.3	-	-	80.94	31.36	10.11	33.11	100	55	A	H
		5415.6	49.67	-24.33	74	40.98	31.63	10.17	33.11	100	55	P	H
		5459.28	40.84	-13.16	54	31.97	31.74	10.24	33.11	100	55	A	H
		5108.46	51.08	-22.92	74	42.39	31.82	9.99	33.12	343	108	P	V
		5106.76	41.95	-12.05	54	33.27	31.81	9.99	33.12	343	108	A	V
	*	5270	99.72	-	-	91.36	31.36	10.11	33.11	343	108	P	V
	*	5270	91.46	-	-	83.1	31.36	10.11	33.11	343	108	A	V
		5375.76	49.68	-24.32	74	41.2	31.45	10.14	33.11	343	108	P	V
	5446.8	40.62	-13.38	54	31.82	31.69	10.22	33.11	343	108	A	V	
802.11ac VHT40 CH 62 5310MHz		5100.98	49.73	-24.27	74	41.07	31.8	9.98	33.12	100	58	P	H
		5052.7	41.97	-12.03	54	33.55	31.61	9.93	33.12	100	58	A	H
	*	5310	97.2	-	-	88.89	31.3	10.12	33.11	100	58	P	H
	*	5310	89.58	-	-	81.27	31.3	10.12	33.11	100	58	A	H
		5352.72	50.84	-23.16	74	42.49	31.32	10.14	33.11	100	58	P	H
		5350.56	44.72	-9.28	54	36.39	31.3	10.14	33.11	100	58	A	H
		5066.98	50.03	-23.97	74	41.54	31.67	9.94	33.12	342	112	P	V
		5108.46	42.05	-11.95	54	33.36	31.82	9.99	33.12	342	112	A	V
	*	5310	100.1	-	-	91.79	31.3	10.12	33.11	342	112	P	V
	*	5310	92.17	-	-	83.86	31.3	10.12	33.11	342	112	A	V
		5351.52	53.18	-20.82	74	44.84	31.31	10.14	33.11	342	112	P	V
	5350.08	46.41	-7.59	54	38.08	31.3	10.14	33.11	342	112	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac		10540	44.65	-23.55	68.2	45.59	39.7	16.23	56.87	100	0	P	H
VHT40		15810	45.25	-28.75	74	43.52	37.56	20.5	56.33	100	0	P	H
CH 54		10540	44.43	-23.77	68.2	45.37	39.7	16.23	56.87	100	0	P	V
5270MHz		15810	45.63	-28.37	74	43.9	37.56	20.5	56.33	100	0	P	V
802.11ac		10620	44.06	-29.94	74	44.9	39.68	16.28	56.8	100	0	P	H
VHT40		15930	43.42	-30.58	74	42.02	37.11	20.47	56.18	100	0	P	H
CH 62		10620	43.6	-30.4	74	44.44	39.68	16.28	56.8	100	0	P	V
5310MHz		15930	44.37	-29.63	74	42.97	37.11	20.47	56.18	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5046.2	50.96	-23.04	74	42.58	31.58	9.92	33.12	100	59	P	H
		5111.6	42.03	-11.97	54	33.34	31.82	9.99	33.12	100	59	A	H
	*	5290	93.73	-	-	85.4	31.32	10.12	33.11	100	59	P	H
	*	5290	85.97	-	-	77.64	31.32	10.12	33.11	100	59	A	H
		5358.96	53.32	-20.68	74	44.94	31.35	10.14	33.11	100	59	P	H
		5350.32	45.74	-8.26	54	37.41	31.3	10.14	33.11	100	59	A	H
		5136.8	50.87	-23.13	74	42.1	31.87	10.02	33.12	342	111	P	V
		5083.1	42.04	-11.96	54	33.47	31.73	9.96	33.12	342	111	A	V
	*	5290	96.01	-	-	87.68	31.32	10.12	33.11	342	111	P	V
	*	5290	88.3	-	-	79.97	31.32	10.12	33.11	342	111	A	V
		5354.88	54.21	-19.79	74	45.85	31.33	10.14	33.11	342	111	P	V
	5350.32	47.4	-6.6	54	39.07	31.3	10.14	33.11	342	111	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	44.65	-23.55	68.2	45.52	39.7	16.26	56.83	100	0	P	H
		15870	44.36	-29.64	74	42.79	37.32	20.49	56.24	100	0	P	H
		10580	43.71	-24.49	68.2	44.58	39.7	16.26	56.83	100	0	P	V
		15870	44.32	-29.68	74	42.75	37.32	20.49	56.24	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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 100 5500MHz		5459.92	52.05	-21.95	74	43.18	31.74	10.24	33.11	100	65	P	H
		5469.36	51.97	-16.23	68.2	43.04	31.78	10.26	33.11	100	65	P	H
		5459.44	41.31	-12.69	54	32.44	31.74	10.24	33.11	100	65	A	H
	*	5500	101.61	-	-	92.51	31.9	10.31	33.11	100	65	P	H
	*	5500	94.11	-	-	85.01	31.9	10.31	33.11	100	65	A	H
		5455.76	50.24	-23.76	74	41.39	31.72	10.24	33.11	100	320	P	V
		5468.4	49.85	-18.35	68.2	40.93	31.77	10.26	33.11	100	320	P	V
		5459.92	40.54	-13.46	54	31.67	31.74	10.24	33.11	100	320	A	V
	*	5500	99.64	-	-	90.54	31.9	10.31	33.11	100	320	P	V
	*	5500	92.6	-	-	83.5	31.9	10.31	33.11	100	320	A	V
802.11a CH 116 5580MHz		5388.4	49.16	-24.84	74	40.59	31.53	10.15	33.11	100	64	P	H
		5464	48.69	-19.51	68.2	39.79	31.76	10.25	33.11	100	64	P	H
		5455.36	40.07	-13.93	54	31.22	31.72	10.24	33.11	100	64	A	H
	*	5580	103.12	-	-	94.03	31.8	10.43	33.14	100	64	P	H
	*	5580	95.51	-	-	86.42	31.8	10.43	33.14	100	64	A	H
		5737.28	49.77	-18.43	68.2	40.35	32.07	10.54	33.19	100	64	P	H
		5420.56	49.66	-24.34	74	40.95	31.64	10.18	33.11	103	321	P	V
		5464	47.86	-20.34	68.2	38.96	31.76	10.25	33.11	103	321	P	V
		5440	40.39	-13.61	54	31.61	31.68	10.21	33.11	103	321	A	V
	*	5580	97.7	-	-	88.61	31.8	10.43	33.14	103	321	P	V
	*	5580	90.29	-	-	81.2	31.8	10.43	33.14	103	321	A	V
		5726.885	50.93	-17.27	68.2	41.53	32.05	10.53	33.18	103	321	P	V



802.11a CH 140 5700MHz	*	5700	103.25	-	-	93.91	32	10.51	33.17	110	64	P	H
	*	5700	95.93	-	-	86.59	32	10.51	33.17	110	64	A	H
		5725.96	56.32	-11.88	68.2	46.92	32.05	10.53	33.18	110	64	P	H
	*	5700	100.45	-	-	91.11	32	10.51	33.17	110	246	P	V
	*	5700	92.62	-	-	83.28	32	10.51	33.17	110	246	A	V
		5735.48	54.06	-14.14	68.2	44.65	32.07	10.53	33.19	110	246	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	46.47	-27.53	74	46.46	40	16.51	56.5	100	0	P	H
		16500	47.95	-20.25	68.2	43.8	38.7	21.15	55.7	100	0	P	H
		11000	46.66	-27.34	74	46.65	40	16.51	56.5	100	0	P	V
		16500	46.64	-21.56	68.2	42.49	38.7	21.15	55.7	100	0	P	V
802.11a CH 116 5580MHz		11160	48.12	-25.88	74	48.33	39.48	16.74	56.43	100	0	P	H
		16740	47.55	-20.65	68.2	42.4	39.56	21.48	55.89	100	0	P	H
		11160	47.69	-26.31	74	47.9	39.48	16.74	56.43	100	0	P	V
		16740	48.22	-19.98	68.2	43.07	39.56	21.48	55.89	100	0	P	V
802.11a CH 140 5700MHz		11400	46.73	-27.27	74	46.28	39.7	17.09	56.34	100	0	P	H
		17100	48.55	-19.65	68.2	42.81	40.1	21.94	56.3	100	0	P	H
		11400	46.65	-27.35	74	46.2	39.7	17.09	56.34	100	0	P	V
		17100	48.6	-19.6	68.2	42.86	40.1	21.94	56.3	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		5439.6	50.6	-23.4	74	41.82	31.68	10.21	33.11	100	65	P	H
		5465.36	50.76	-17.44	68.2	41.86	31.76	10.25	33.11	100	65	P	H
		5457.68	41.26	-12.74	54	32.4	31.73	10.24	33.11	100	65	A	H
	*	5500	101.74	-	-	92.64	31.9	10.31	33.11	100	65	P	H
	*	5500	94.12	-	-	85.02	31.9	10.31	33.11	100	65	A	H
		5459.92	49.65	-24.35	74	40.78	31.74	10.24	33.11	100	258	P	V
		5461.84	49.46	-18.74	68.2	40.57	31.75	10.25	33.11	100	258	P	V
		5458.8	40.38	-13.62	54	31.51	31.74	10.24	33.11	100	258	A	V
	*	5500	96.97	-	-	87.87	31.9	10.31	33.11	100	258	P	V
*	5500	89.23	-	-	80.13	31.9	10.31	33.11	100	258	A	V	
802.11ac VHT20 CH 116 5580MHz		5398.72	49.01	-24.99	74	40.38	31.59	10.15	33.11	100	64	P	H
		5464.48	48.71	-19.49	68.2	39.81	31.76	10.25	33.11	100	64	P	H
		5452.72	40.07	-13.93	54	31.24	31.71	10.23	33.11	100	64	A	H
	*	5580	102.36	-	-	93.27	31.8	10.43	33.14	100	64	P	H
	*	5580	94.81	-	-	85.72	31.8	10.43	33.14	100	64	A	H
		5761.535	50.23	-17.97	68.2	40.75	32.12	10.55	33.19	100	64	P	H
		5418.16	49.28	-24.72	74	40.57	31.64	10.18	33.11	100	257	P	V
		5466.88	48.36	-19.84	68.2	39.45	31.77	10.25	33.11	100	257	P	V
		5459.68	40.09	-13.91	54	31.22	31.74	10.24	33.11	100	257	A	V
	*	5580	99.35	-	-	90.26	31.8	10.43	33.14	100	257	P	V
	*	5580	94.62	-	-	85.53	31.8	10.43	33.14	100	257	A	V
	5761.535	50.05	-18.15	68.2	40.57	32.12	10.55	33.19	100	257	P	V	



802.11ac	*	5700	103.25	-	-	93.91	32	10.51	33.17	108	66	P	H
	*	5700	95.6	-	-	86.26	32	10.51	33.17	108	66	A	H
VHT20		5726.52	52.92	-15.28	68.2	43.52	32.05	10.53	33.18	108	66	P	H
CH 140	*	5700	99.78	-	-	90.44	32	10.51	33.17	107	246	P	V
5700MHz	*	5700	92.25	-	-	82.91	32	10.51	33.17	107	246	A	V
		5758.36	51.56	-16.64	68.2	42.08	32.12	10.55	33.19	107	246	P	V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac		11000	47.66	-26.34	74	47.65	40	16.51	56.5	100	0	P	H
VHT20		16500	46.81	-21.39	68.2	42.66	38.7	21.15	55.7	100	0	P	H
CH 100		11000	46.84	-27.16	74	46.83	40	16.51	56.5	100	0	P	V
5500MHz		16500	46.29	-21.91	68.2	42.14	38.7	21.15	55.7	100	0	P	V
802.11ac		11160	46.9	-27.1	74	47.11	39.48	16.74	56.43	100	0	P	H
VHT20		16740	47.18	-21.02	68.2	42.03	39.56	21.48	55.89	100	0	P	H
CH 116		11160	47.58	-26.42	74	47.79	39.48	16.74	56.43	100	0	P	V
5580MHz		16740	47.37	-20.83	68.2	42.22	39.56	21.48	55.89	100	0	P	V
802.11ac		11400	46.49	-27.51	74	46.04	39.7	17.09	56.34	100	0	P	H
VHT20		17100	48.32	-19.88	68.2	42.58	40.1	21.94	56.3	100	0	P	H
CH 140		11400	47.09	-26.91	74	46.64	39.7	17.09	56.34	100	0	P	V
5700MHz		17100	48.93	-19.27	68.2	43.19	40.1	21.94	56.3	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT40 CH 102 5510MHz		5459.44	55.46	-18.54	74	46.59	31.74	10.24	33.11	100	62	P	H
		5470	58.2	-10	68.2	49.27	31.78	10.26	33.11	100	62	P	H
		5459.92	44.53	-9.47	54	35.66	31.74	10.24	33.11	100	62	A	H
	*	5510	99.55	-	-	90.46	31.88	10.32	33.11	100	62	P	H
	*	5510	91.37	-	-	82.28	31.88	10.32	33.11	100	62	A	H
		5728.775	50.83	-17.37	68.2	41.42	32.06	10.53	33.18	100	62	P	H
		5415.28	50.91	-23.09	74	42.22	31.63	10.17	33.11	100	320	P	V
		5468.08	54.23	-13.97	68.2	45.31	31.77	10.26	33.11	100	320	P	V
		5459.92	42.18	-11.82	54	33.31	31.74	10.24	33.11	100	320	A	V
	*	5510	95.63	-	-	86.54	31.88	10.32	33.11	100	320	P	V
	*	5510	87.28	-	-	78.19	31.88	10.32	33.11	100	320	A	V
	5748.935	49.28	-18.92	68.2	39.83	32.1	10.54	33.19	100	320	P	V	
802.11ac VHT40 CH 110 5550MHz		5440	49.98	-24.02	74	41.2	31.68	10.21	33.11	100	62	P	H
		5467.84	49.75	-18.45	68.2	40.83	31.77	10.26	33.11	100	62	P	H
		5452.48	41.26	-12.74	54	32.43	31.71	10.23	33.11	100	62	A	H
	*	5550	99.25	-	-	90.2	31.8	10.38	33.13	100	62	P	H
	*	5550	91.33	-	-	82.28	31.8	10.38	33.13	100	62	A	H
		5761.535	49.81	-18.39	68.2	40.33	32.12	10.55	33.19	100	62	P	H
		5449.84	49.37	-24.63	74	40.55	31.7	10.23	33.11	107	321	P	V
		5463.52	48.98	-19.22	68.2	40.09	31.75	10.25	33.11	107	321	P	V
		5459.68	40.88	-13.12	54	32.01	31.74	10.24	33.11	107	321	A	V
	*	5550	95.07	-	-	86.02	31.8	10.38	33.13	107	321	P	V
	*	5550	86.97	-	-	77.92	31.8	10.38	33.13	107	321	A	V
	5764.055	50.02	-18.18	68.2	40.53	32.13	10.55	33.19	107	321	P	V	



802.11ac VHT40 CH 134 5670MHz		5422.1	49.85	-24.15	74	41.14	31.64	10.18	33.11	100	69	P	H
		5462.35	50.02	-18.18	68.2	41.13	31.75	10.25	33.11	100	69	P	H
		5456.4	40.78	-13.22	54	31.92	31.73	10.24	33.11	100	69	A	H
	*	5670	99.77	-	-	90.61	31.82	10.5	33.16	100	69	P	H
	*	5670	91.77	-	-	82.61	31.82	10.5	33.16	100	69	A	H
		5729.65	52.65	-15.55	68.2	43.24	32.06	10.53	33.18	100	69	P	H
		5445.55	49.21	-24.79	74	40.41	31.69	10.22	33.11	349	127	P	V
		5470	49.11	-19.09	68.2	40.18	31.78	10.26	33.11	349	127	P	V
		5441	40.69	-13.31	54	31.91	31.68	10.21	33.11	349	127	A	V
	*	5670	99.76	-	-	90.6	31.82	10.5	33.16	349	127	P	V
	*	5670	91.55	-	-	82.39	31.82	10.5	33.16	349	127	A	V
	5746.275	50.69	-17.51	68.2	41.25	32.09	10.54	33.19	349	127	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac		11020	46.58	-27.42	74	46.61	39.92	16.54	56.49	100	0	P	H
VHT40		16530	46.72	-21.48	68.2	42.5	38.76	21.19	55.73	100	0	P	H
CH 102		11020	46.75	-27.25	74	46.78	39.92	16.54	56.49	100	0	P	V
5510MHz		16530	46.2	-22	68.2	41.98	38.76	21.19	55.73	100	0	P	V
802.11ac		11100	45.3	-28.7	74	45.5	39.6	16.66	56.46	100	0	P	H
VHT40		16650	46.43	-21.77	68.2	41.84	39.05	21.36	55.82	100	0	P	H
CH 110		11100	46.07	-27.93	74	46.27	39.6	16.66	56.46	100	0	P	V
5550MHz		16650	46.64	-21.56	68.2	42.05	39.05	21.36	55.82	100	0	P	V
802.11ac		11340	46.29	-27.71	74	46.07	39.58	17.01	56.37	100	0	P	H
VHT40		17010	48.53	-19.67	68.2	42.8	40.01	21.85	56.13	100	0	P	H
CH 134		11340	46.85	-27.15	74	46.63	39.58	17.01	56.37	100	0	P	V
5670MHz		17010	48.39	-19.81	68.2	42.66	40.01	21.85	56.13	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5459.68	58.86	-15.14	74	49.99	31.74	10.24	33.11	100	61	P	H
		5461.6	60.64	-7.56	68.2	51.75	31.75	10.25	33.11	100	61	P	H
		5460	50.85	-3.15	54	41.98	31.74	10.24	33.11	100	61	P	H
	*	5530	96.44	-	-	87.37	31.84	10.35	33.12	100	61	P	H
	*	5530	88.06	-	-	78.99	31.84	10.35	33.12	100	61	A	H
		5734.76	50.74	-17.46	68.2	41.33	32.07	10.53	33.19	100	61	P	H
		5458.96	60.02	-13.98	74	51.15	31.74	10.24	33.11	390	118	P	V
		5468.32	60.81	-7.39	68.2	51.89	31.77	10.26	33.11	390	118	P	V
		5458.96	50.63	-3.37	54	41.76	31.74	10.24	33.11	390	118	A	V
	*	5530	96.93	-	-	87.86	31.84	10.35	33.12	390	118	P	V
	*	5530	88.77	-	-	79.7	31.84	10.35	33.12	390	118	A	V
		5759.645	51.13	-17.07	68.2	41.65	32.12	10.55	33.19	390	118	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	46.76	-27.24	74	46.87	39.76	16.6	56.47	100	0	P	H
		16590	46.13	-22.07	68.2	41.74	38.88	21.28	55.77	100	0	P	H
		11060	46.69	-27.31	74	46.8	39.76	16.6	56.47	100	0	P	V
		16590	46.17	-22.03	68.2	41.78	38.88	21.28	55.77	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

Emission below 1GHz

WIFI 802.11n VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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)
802.11n VHT80 LF		30	20.57	-19.43	40	28.17	24.01	0.76	32.38	-	-	P	H
		35.82	19.55	-20.45	40	29.76	21.35	0.81	32.37	-	-	P	H
		68.8	17.41	-22.59	40	36.72	11.91	1.09	32.35	-	-	P	H
		935.01	32.51	-13.49	46	29.56	29.71	4.09	31.03	-	-	P	H
		940.83	32.92	-13.08	46	29.6	30	4.1	30.97	-	-	P	H
		953.44	33.47	-12.53	46	29.29	30.72	4.13	30.86	100	0	P	H
		40.67	29.22	-10.78	40	42.05	18.7	0.84	32.37	-	-	P	V
		75.59	32.11	-7.89	40	50.65	12.61	1.14	32.34	100	0	P	V
		81.41	24.4	-15.6	40	42.25	13.25	1.19	32.34	-	-	P	V
		910.76	31.8	-14.2	46	29.81	29.03	4.04	31.25	-	-	P	V
		920.46	32.21	-13.79	46	29.99	29.14	4.06	31.16	-	-	P	V
	943.74	33.8	-12.2	46	30.26	30.19	4.11	30.95	-	-	P	V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



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	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

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. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

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. Over Limit(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 :	Bill Kuo, Fu Chen, Troye Hsieh	Temperature :	21.6~26°C
		Relative Humidity :	54.6~66.3%

Note symbol

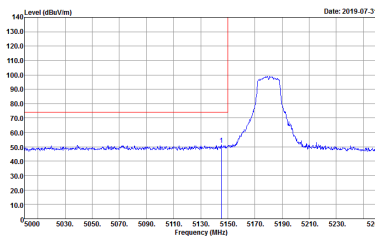
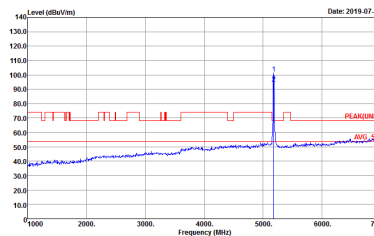
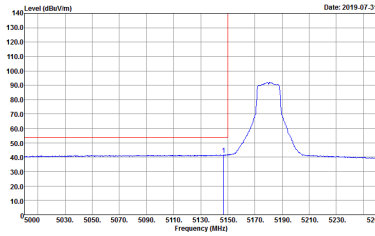
-L	Low channel location
-R	High channel location



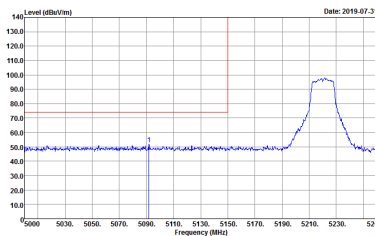
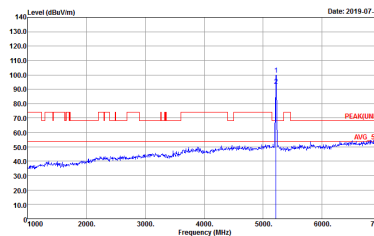
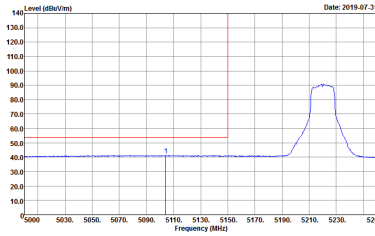
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

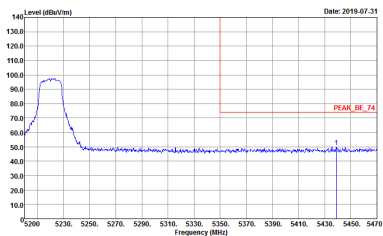
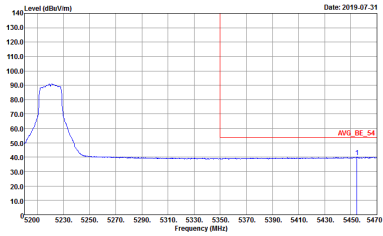


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

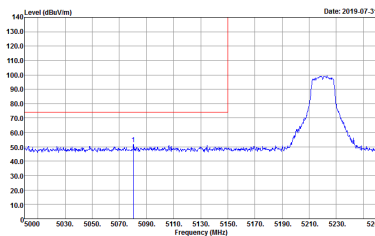
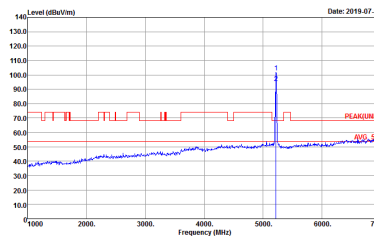
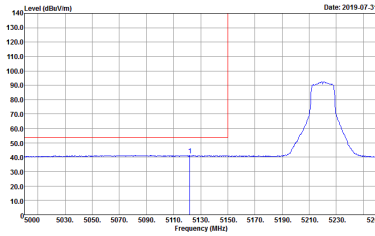


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

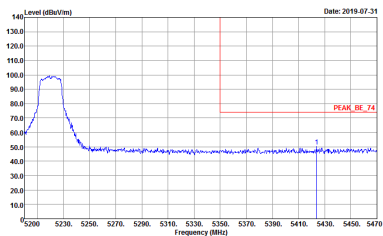
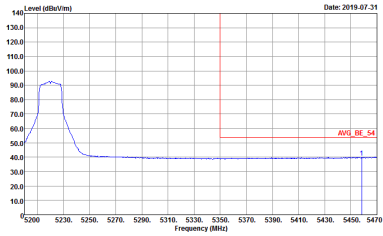


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>

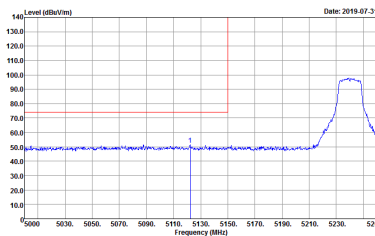
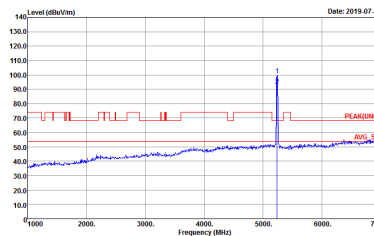
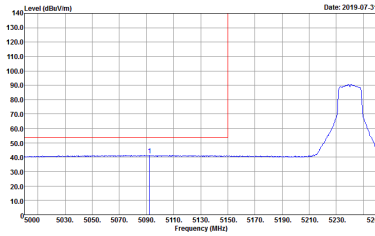


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p> Date: 2019-07-31 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWFT:Auto Detector : Peak Project : 971613 </p>	<p>Left blank</p>
<p>Avg.</p>	 <p> Date: 2019-07-31 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWFT:Auto Detector : Peak Project : 971613 </p>	<p>Left blank</p>

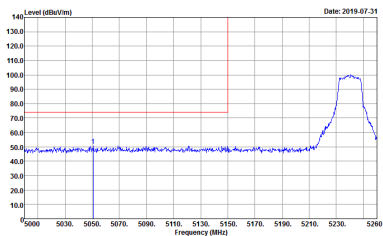
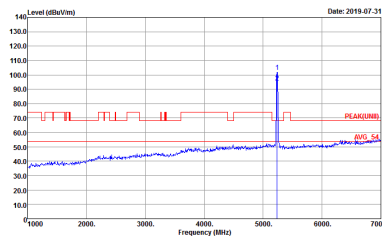
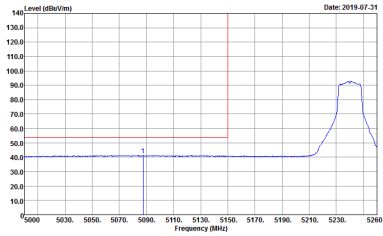


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

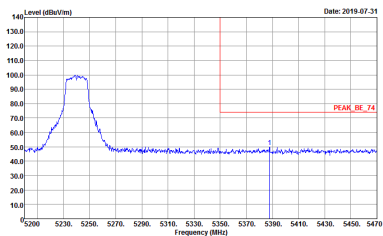
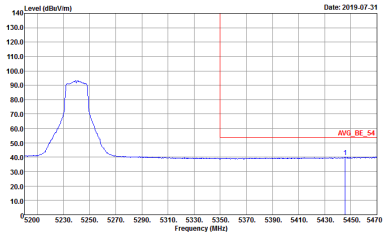


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



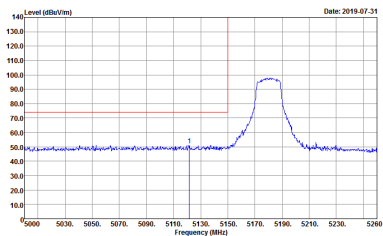
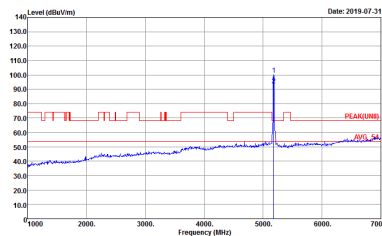
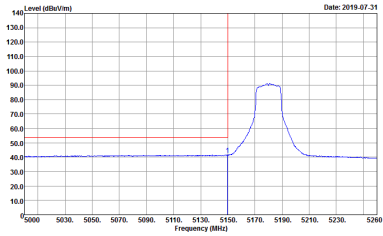
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>



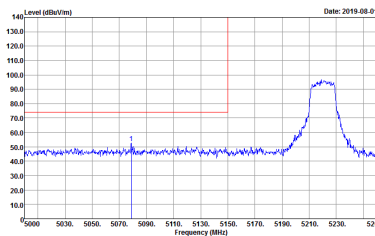
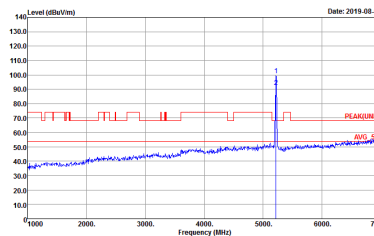
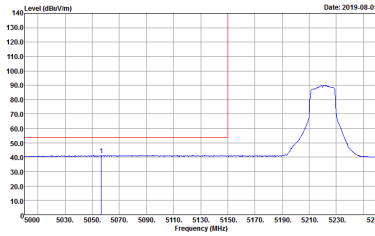
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

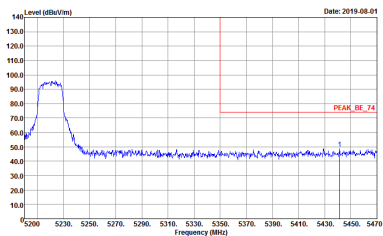
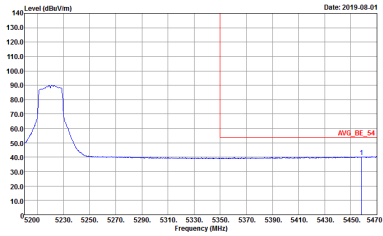


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

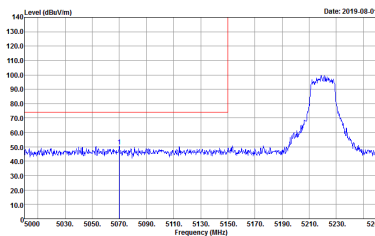
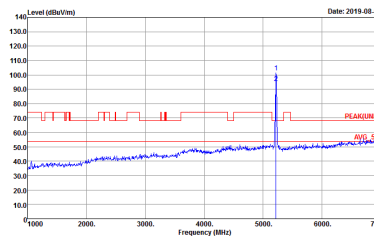
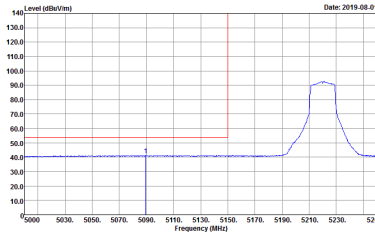


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

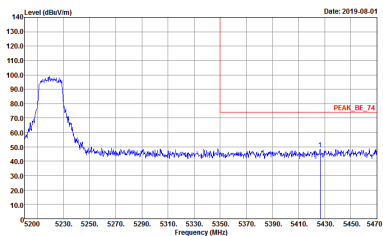
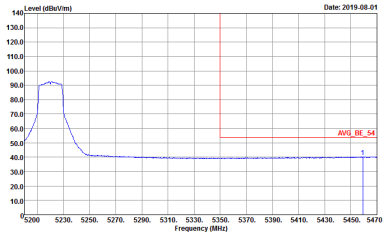


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p> Date: 2019.08.01 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613 </p>	<p>Left blank</p>
<p>Avg.</p>	 <p> Date: 2019.08.01 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613 </p>	<p>Left blank</p>

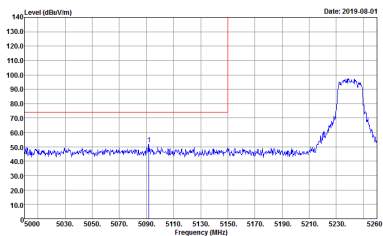
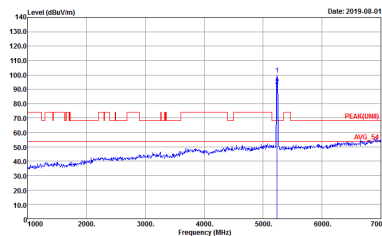
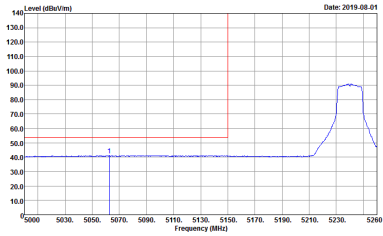


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

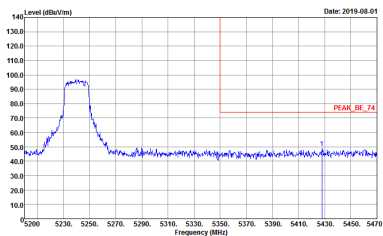
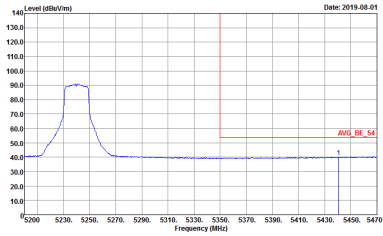


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>

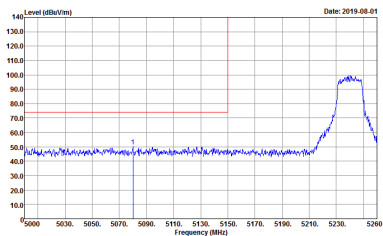
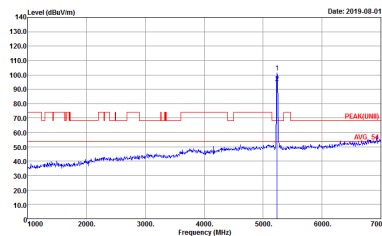
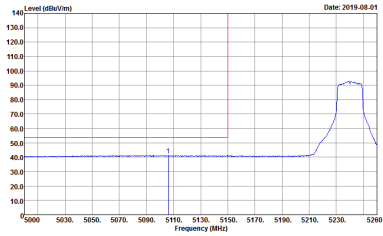


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

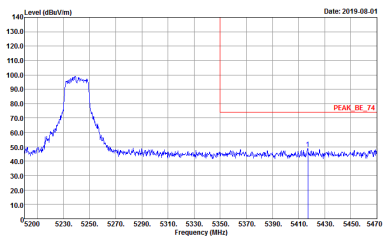
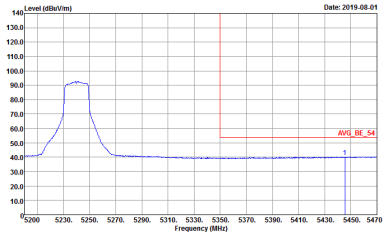


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p> Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613 </p>	<p>Left blank</p>
<p>Avg.</p>	 <p> Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613 </p>	<p>Left blank</p>



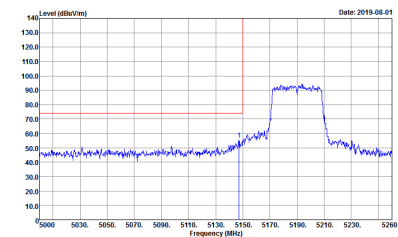
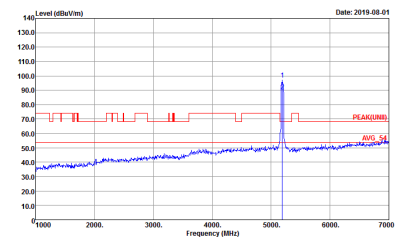
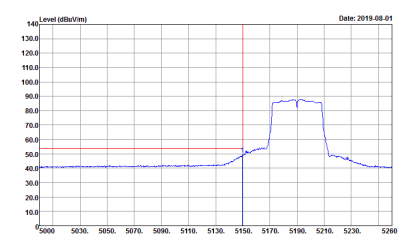
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



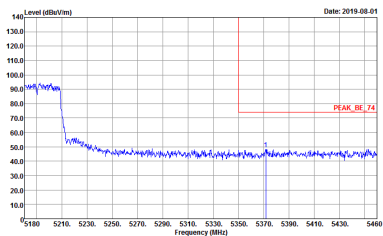
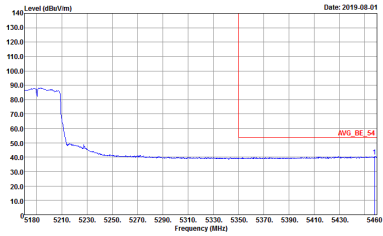
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Date: 2019.08.01</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWFT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Date: 2019.08.01</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>



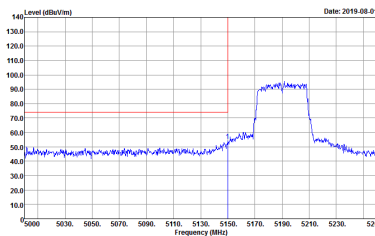
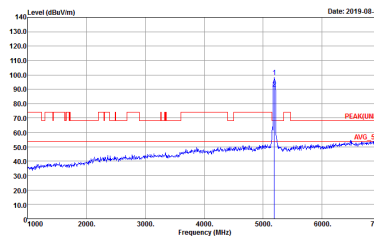
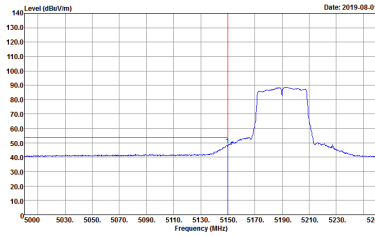
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

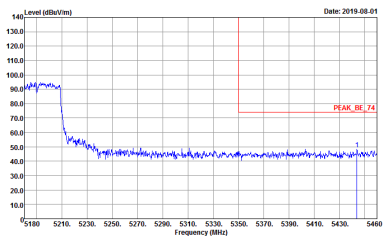
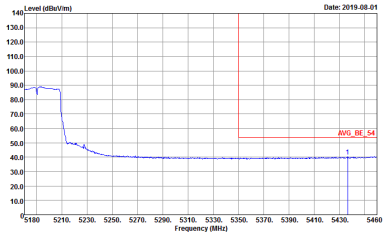


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Left blank</p>

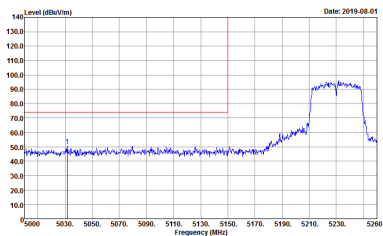
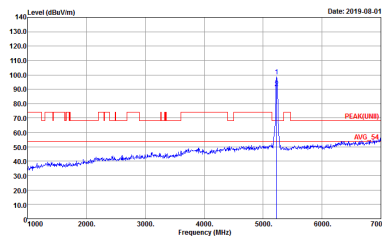
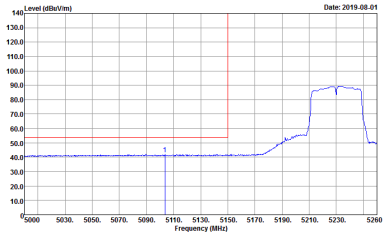


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

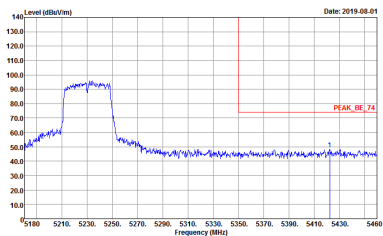
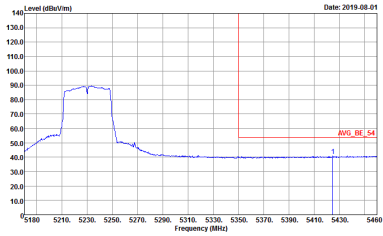


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p> Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613 </p>	<p>Left blank</p>
<p>Avg.</p>	 <p> Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613 </p>	<p>Left blank</p>

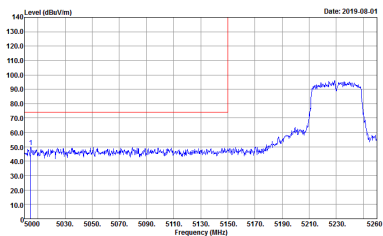
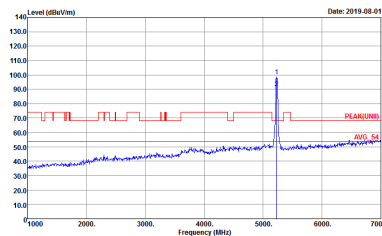
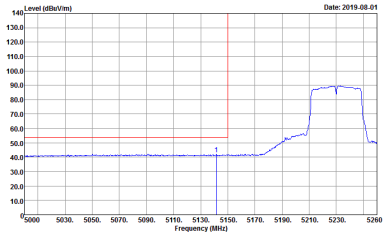


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

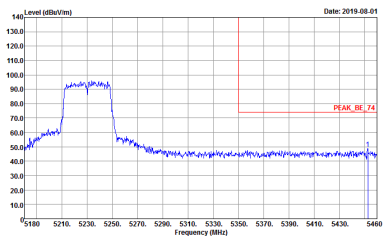
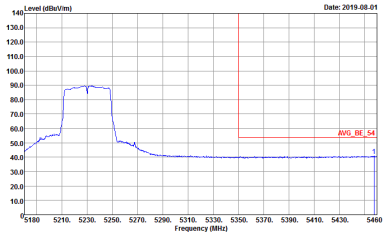


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Left blank</p>



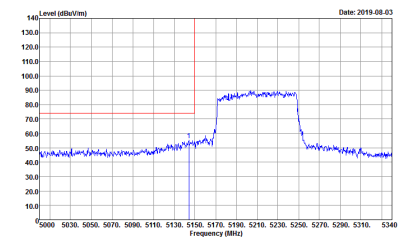
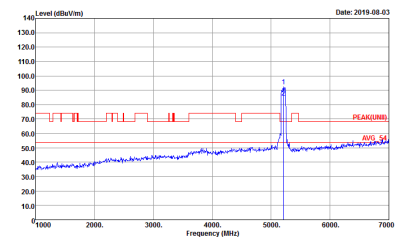
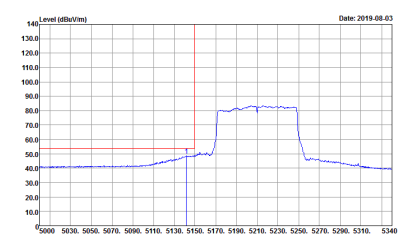
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



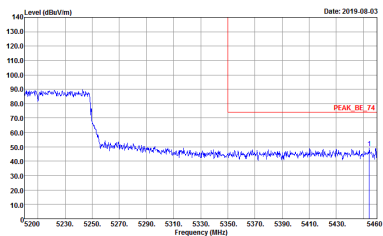
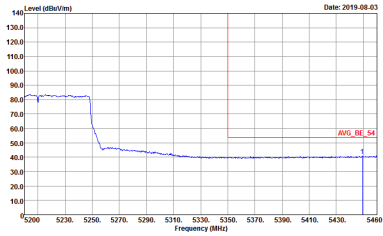
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>	<p>Left blank</p>



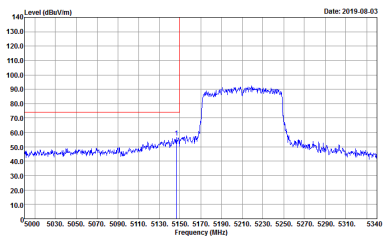
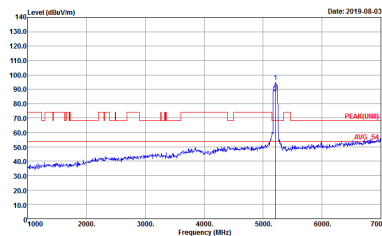
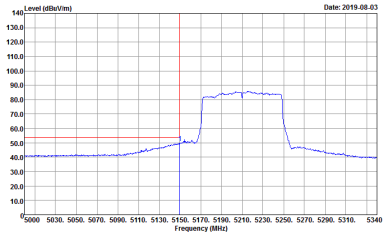
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

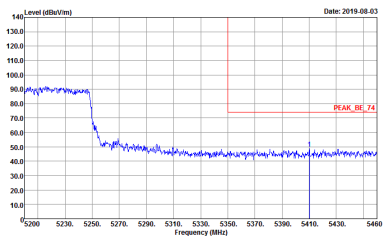
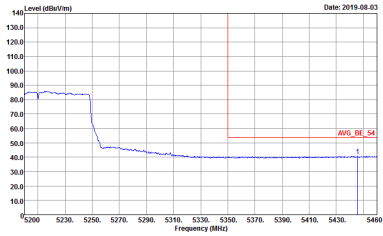


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



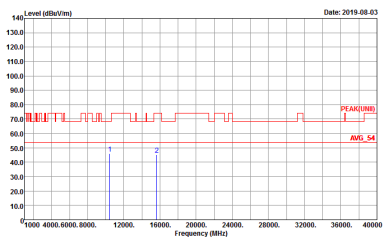
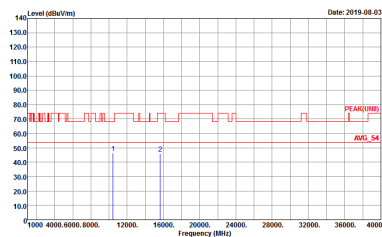
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p> Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613 </p>	<p>Left blank</p>
<p>Avg.</p>	 <p> Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613 </p>	<p>Left blank</p>



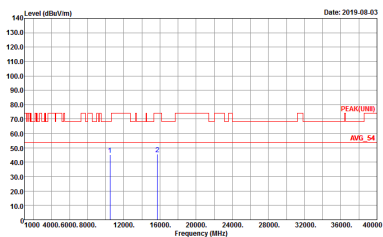
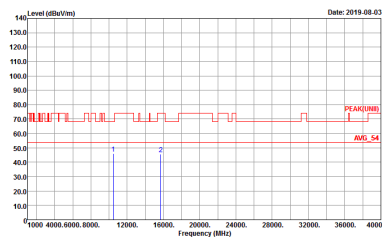
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CHI1-HY Condition : PEAK(LINEI) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINEI) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



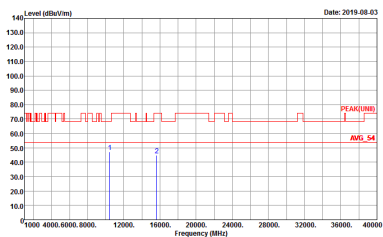
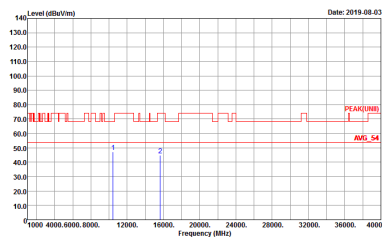
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



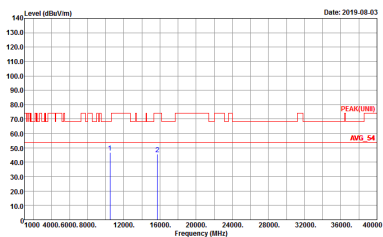
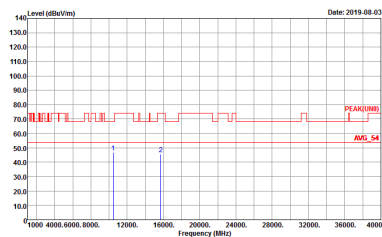
**Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-4FY Condition : PEAK(UWB) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-4FY Condition : PEAK(UWB) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



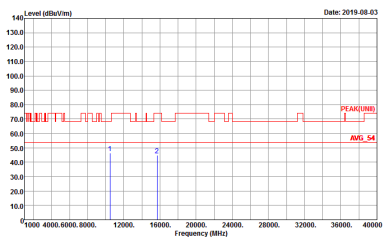
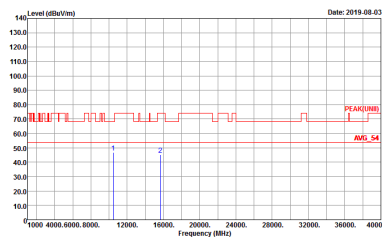
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



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

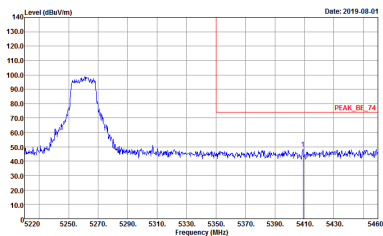
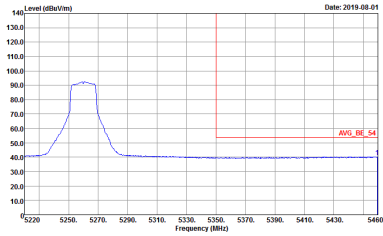
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-HY Condition : PEAK(UWB) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UWB) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



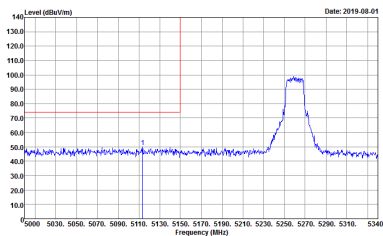
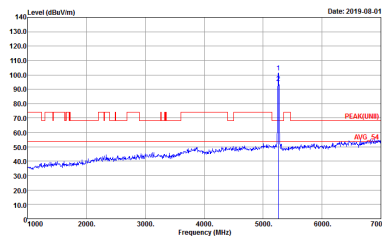
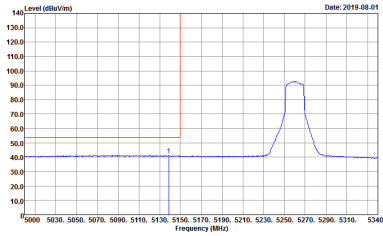
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

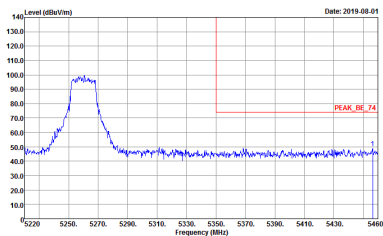
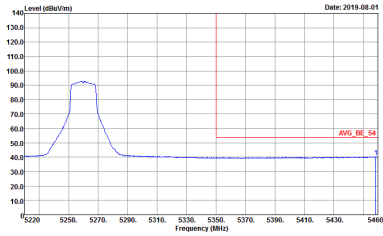


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>

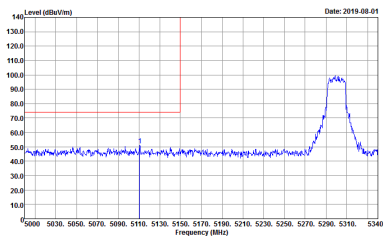
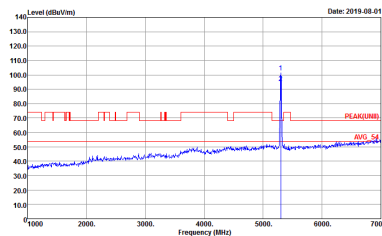
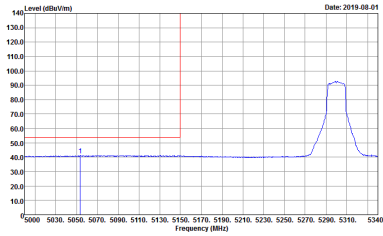


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-01</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

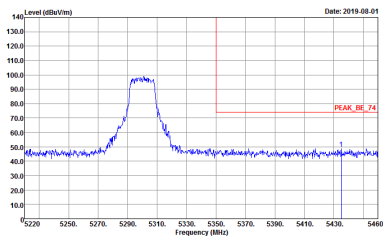
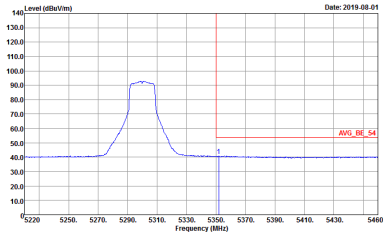


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>

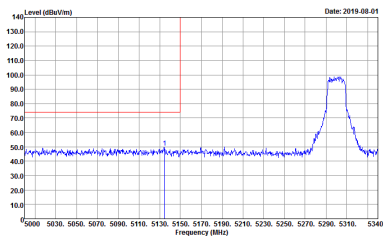
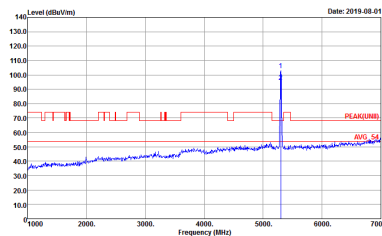
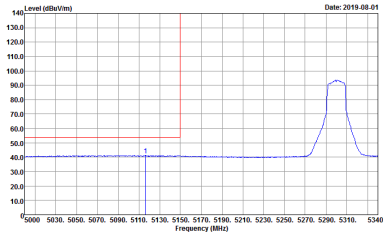


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

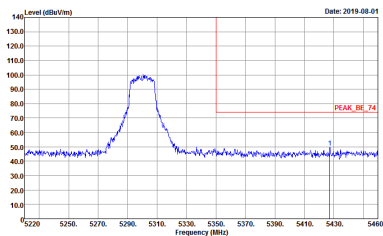
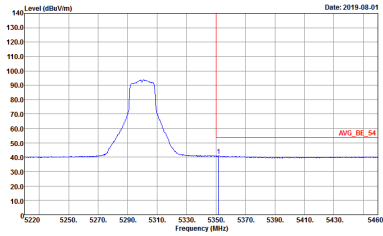


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>

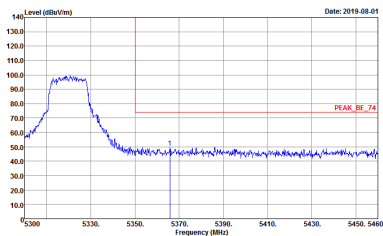
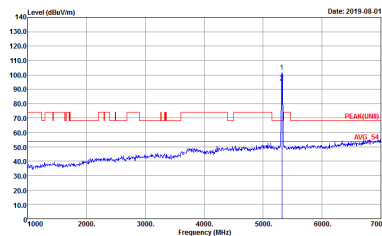
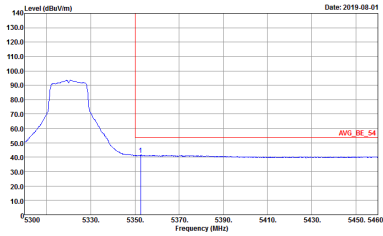


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



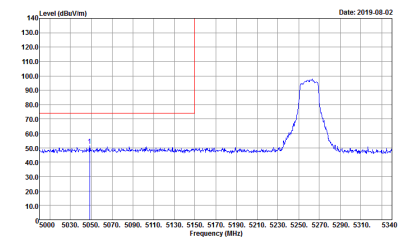
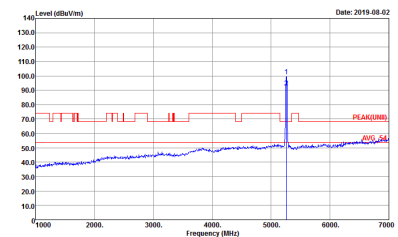
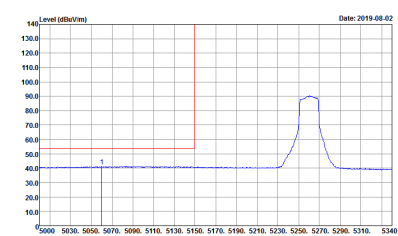
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



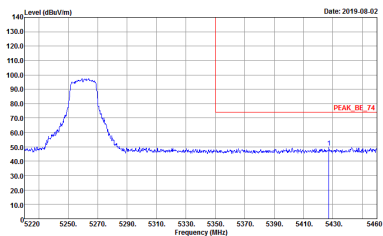
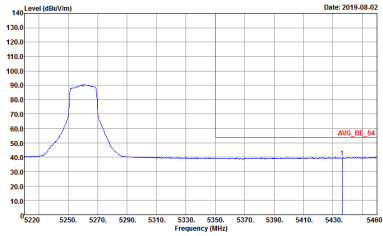
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank



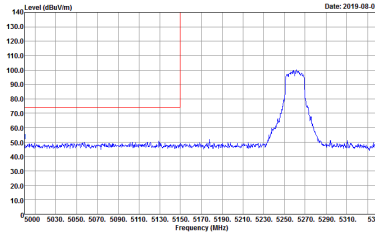
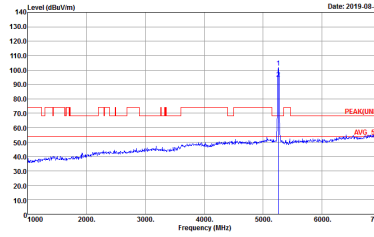
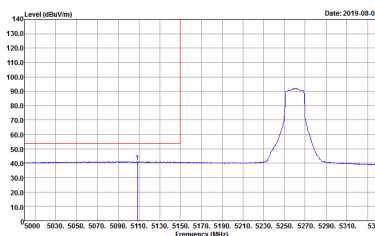
Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

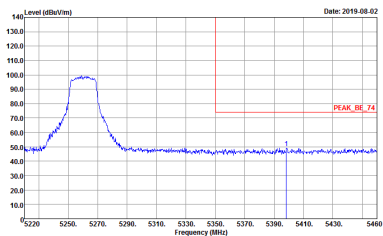
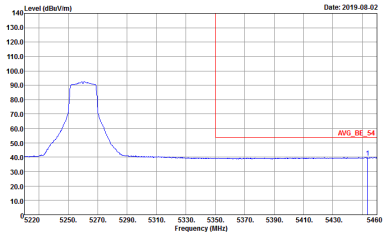


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

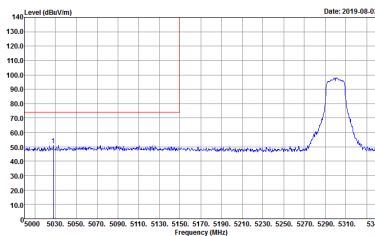
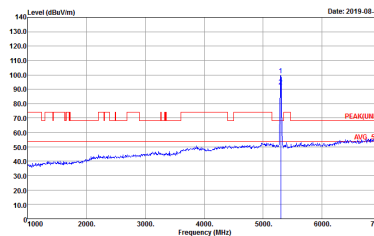
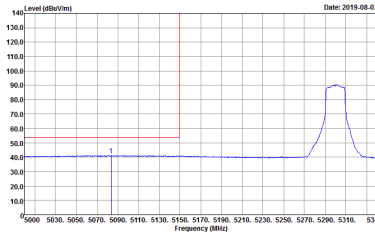


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

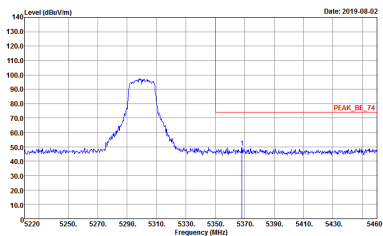
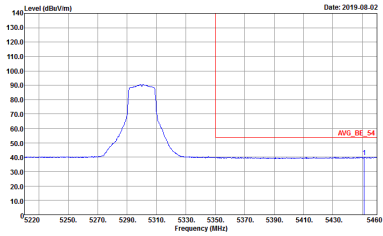


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 <p> Date: 2019-08-02 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613 </p>	Left blank
Avg.	 <p> Date: 2019-08-02 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613 </p>	Left blank

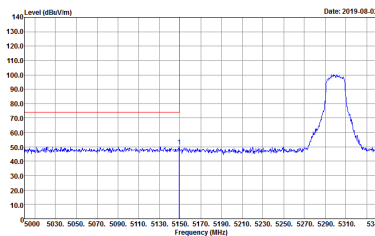
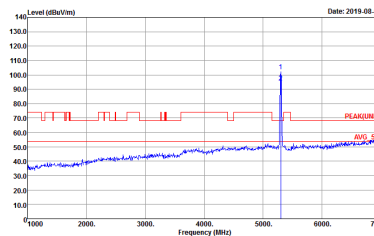
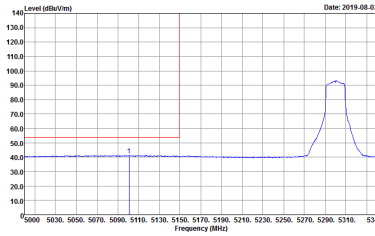


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

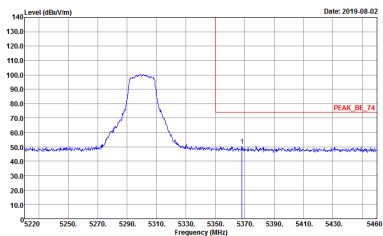
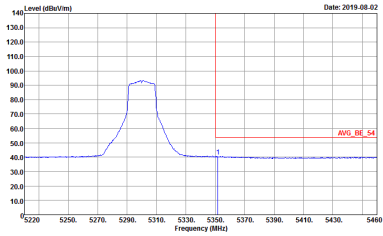


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

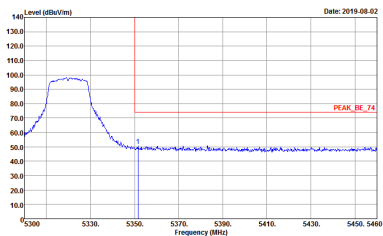
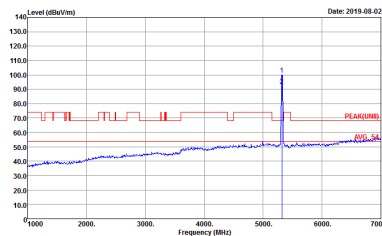
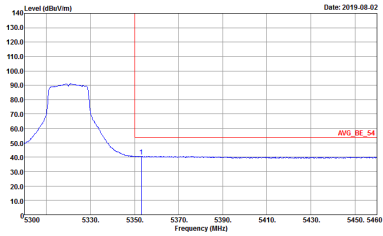


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-02</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 <p> Date: 2019-08-02 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613 </p>	Left blank
Avg.	 <p> Date: 2019-08-02 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613 </p>	Left blank



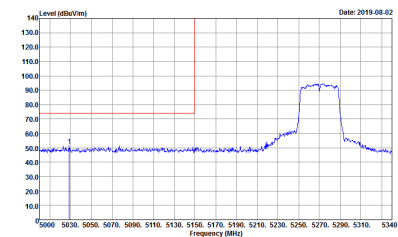
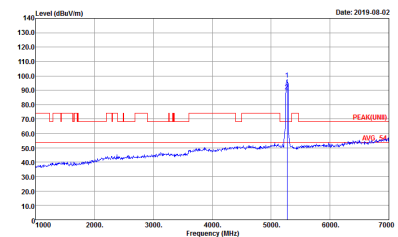
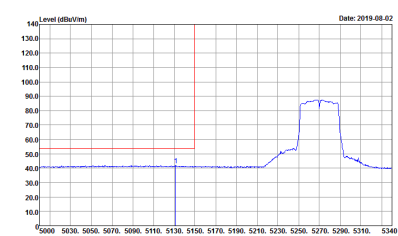
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



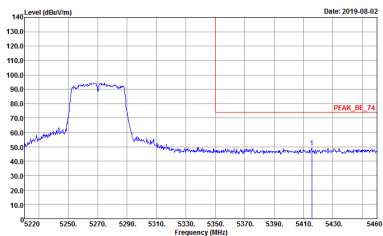
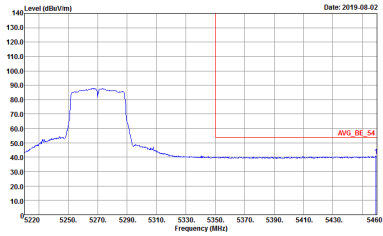
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



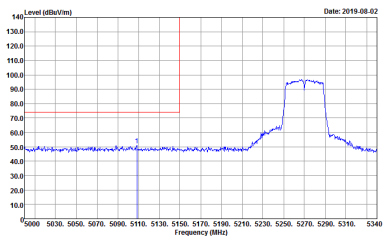
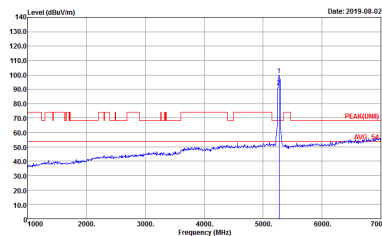
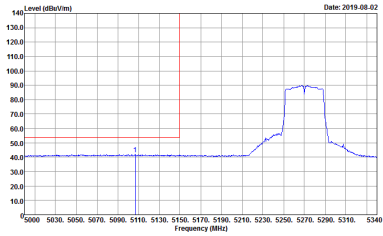
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LUNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

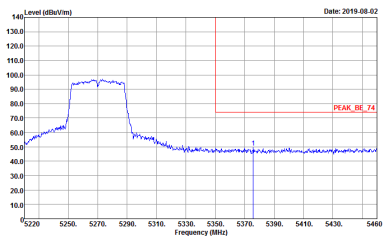
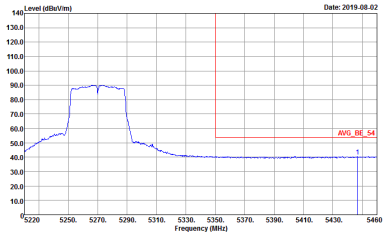


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

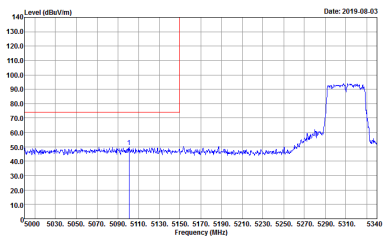
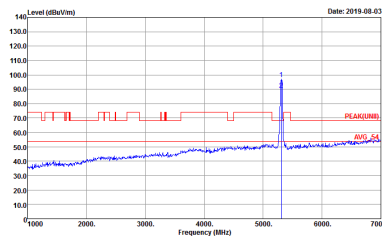
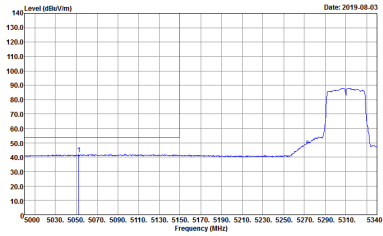


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>

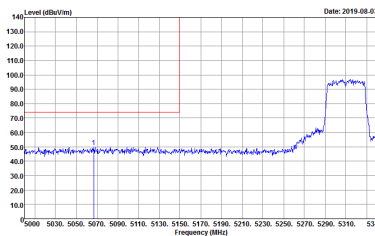
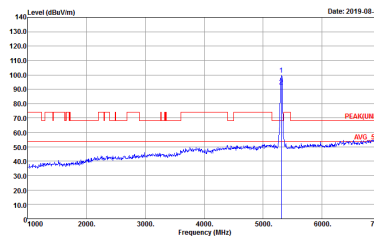
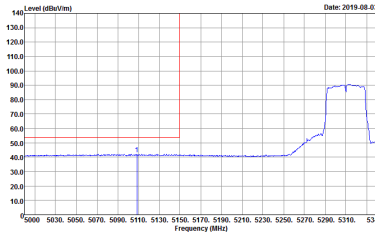


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

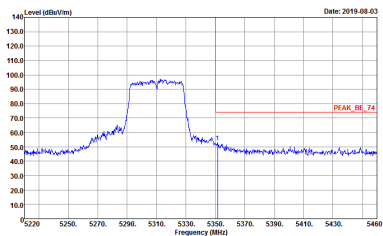
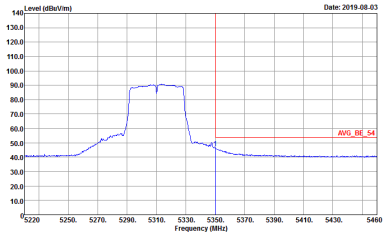


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



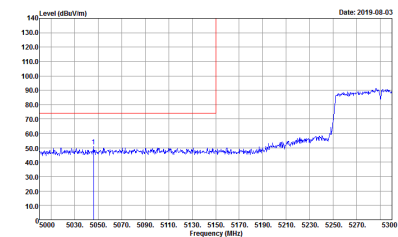
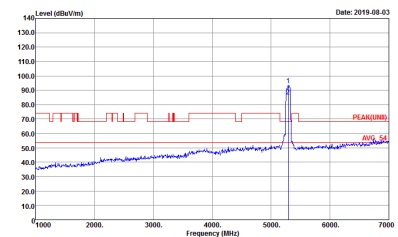
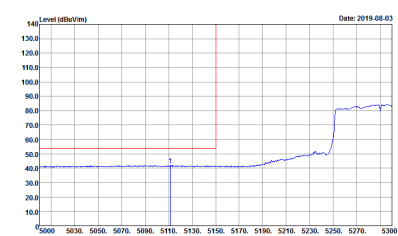
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-08-03</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-08-03</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-08-03</p> <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



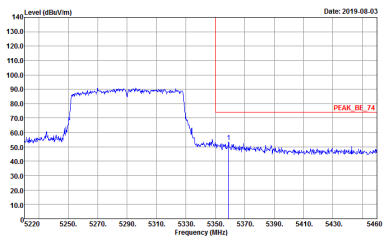
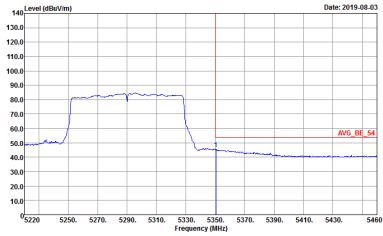
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>



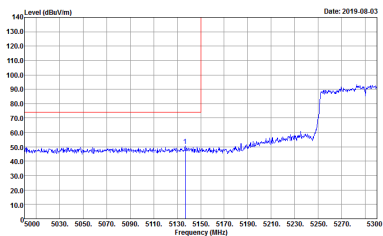
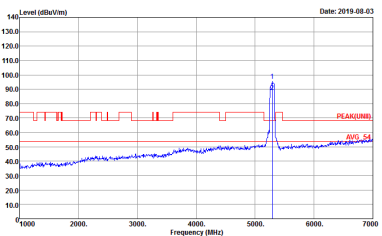
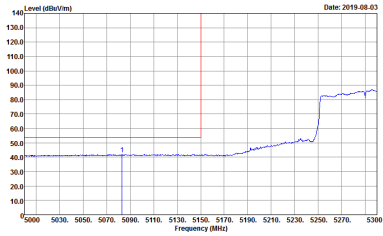
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

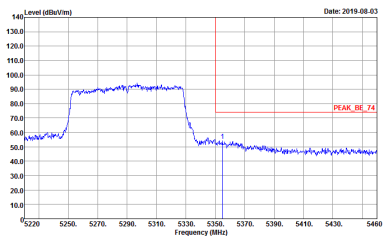
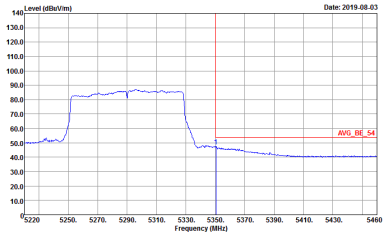


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>



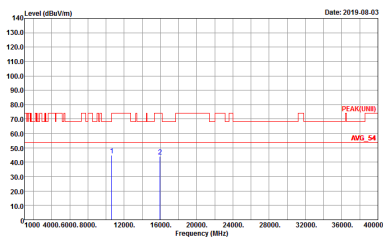
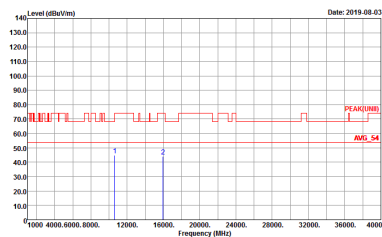
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



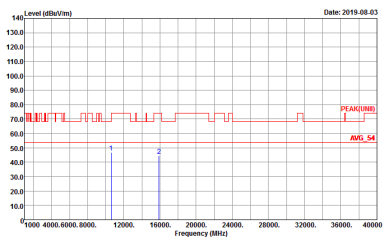
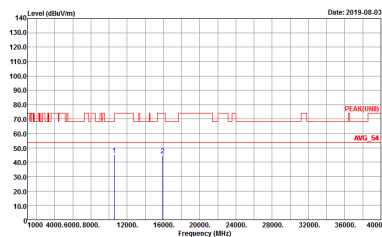
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



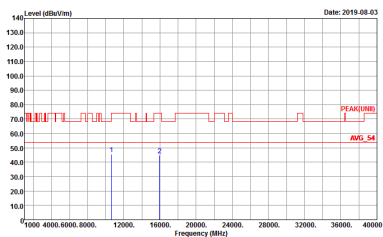
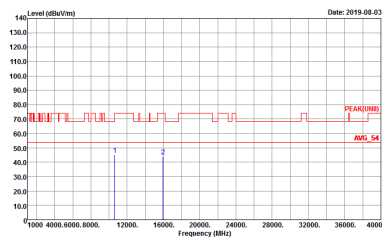
**Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



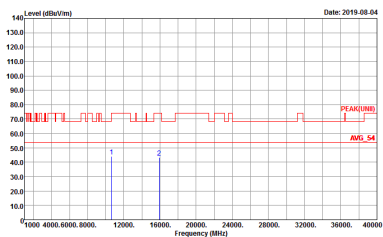
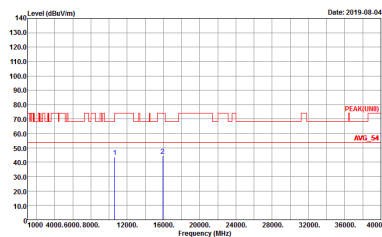
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH54 5270 MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH62 5310 MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



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

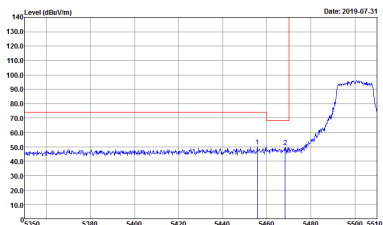
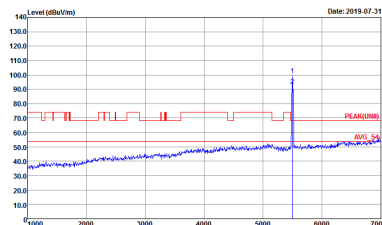
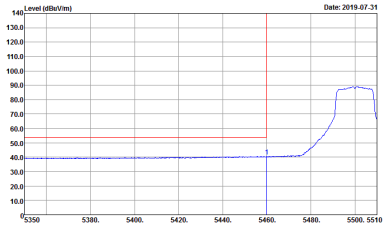
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



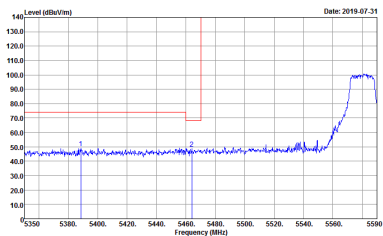
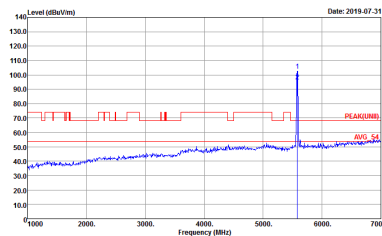
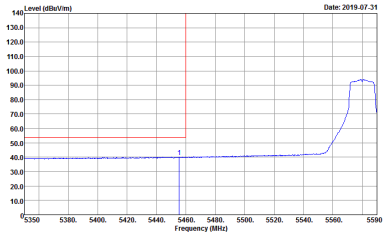
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
<p>Avg.</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	<p>Left blank</p>

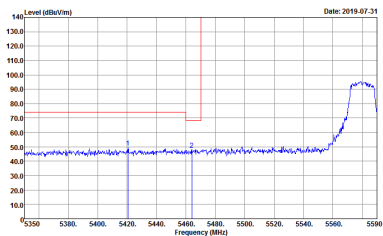
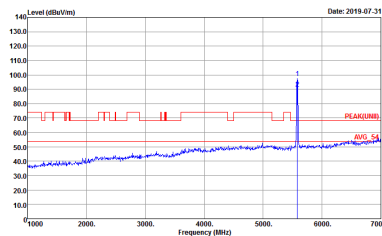
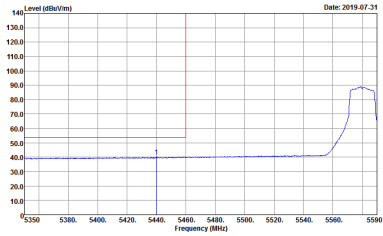


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

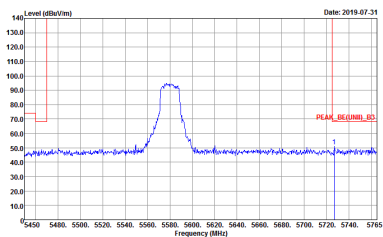


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 971613</p>	Left blank

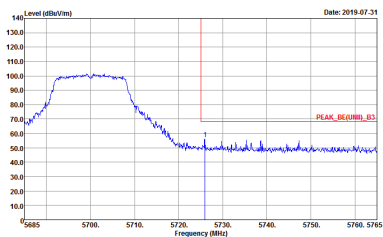
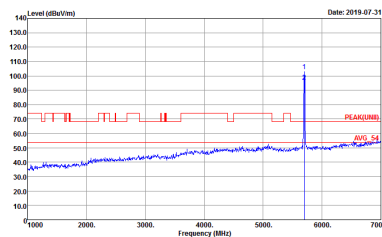


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

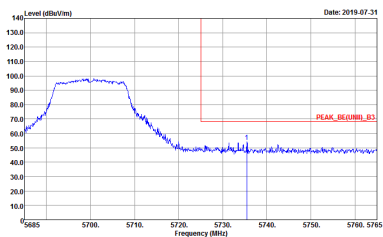
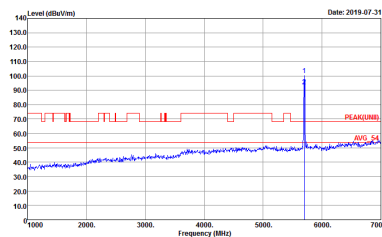


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>



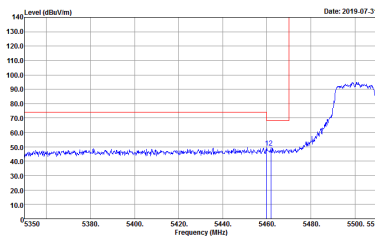
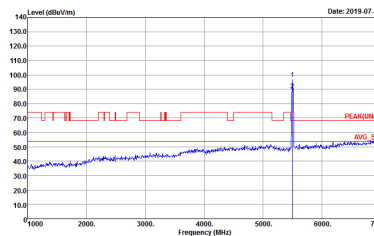
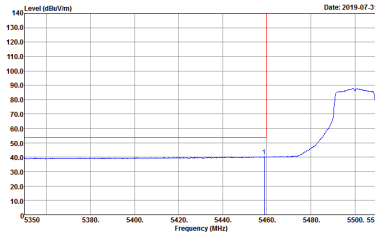
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>



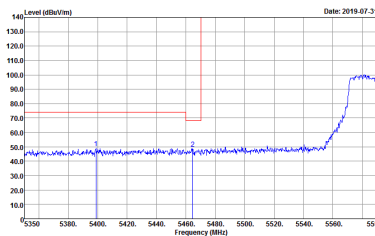
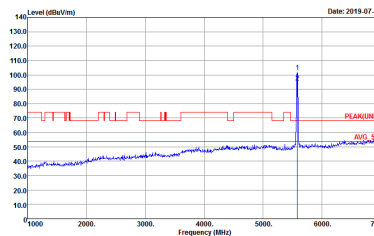
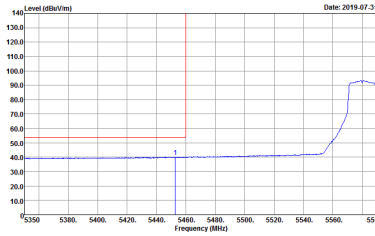
Band 3 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

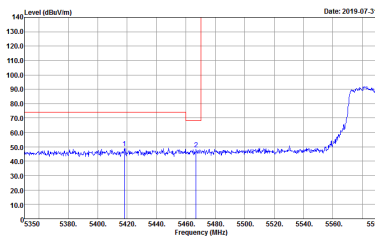
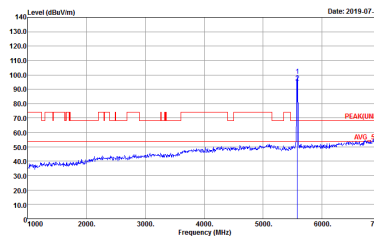
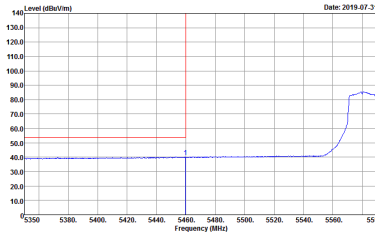


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 91200-HF HORIZONTAL RBW:10000.000KHz VBW:30000.000KHz SWF:Auto Detector : Peak Project : 971613</p>	Left blank

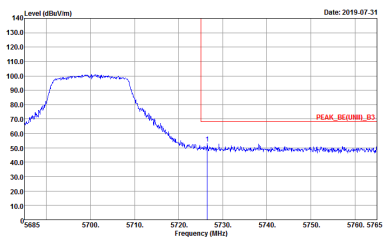
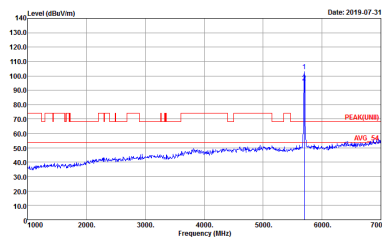


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank

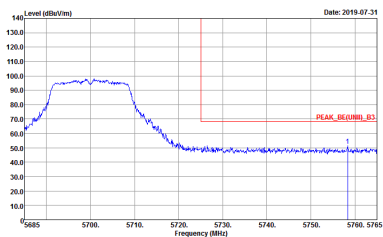
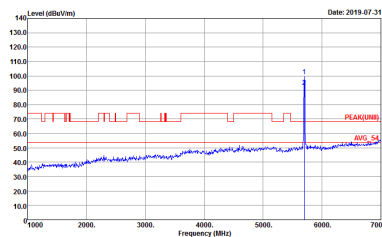


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HP VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWFT:Auto Detector : Peak Project : 971613</p>	Left blank



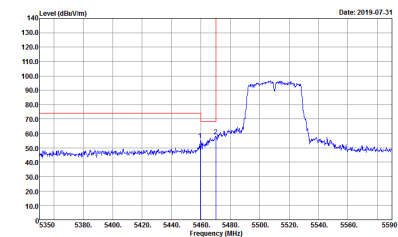
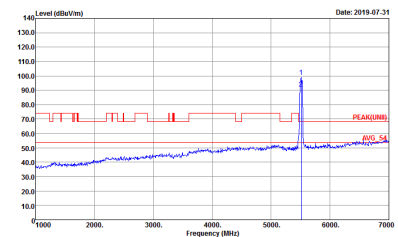
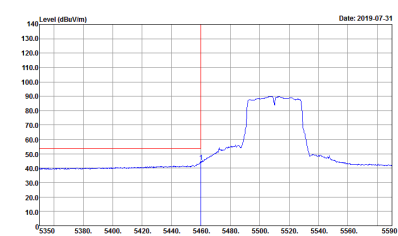
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 971613</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>



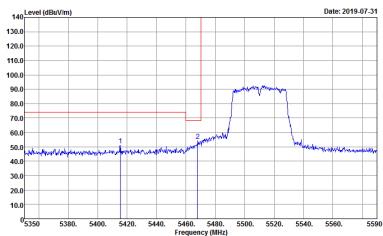
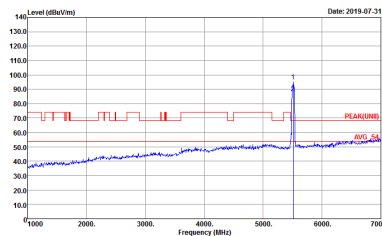
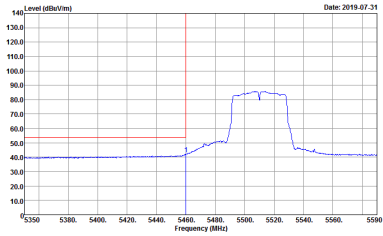
Band 3 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE[UNIT], B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK[UNIT] 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE[UNIT], B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 91200-HP HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

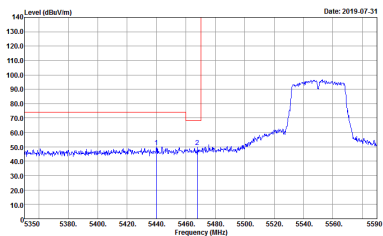
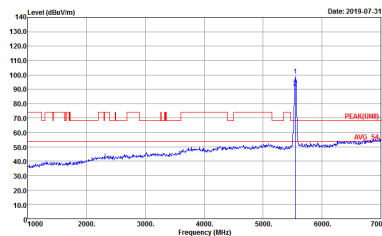
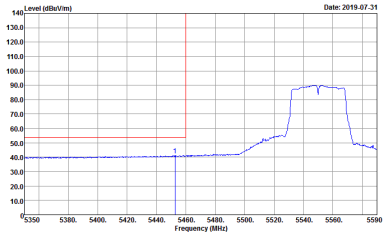


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HP VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWFT:Auto Project : 971613</p>	Left blank

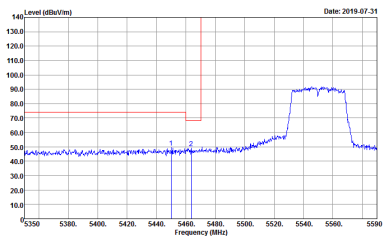
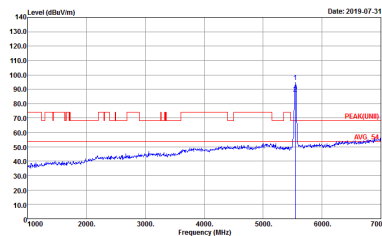
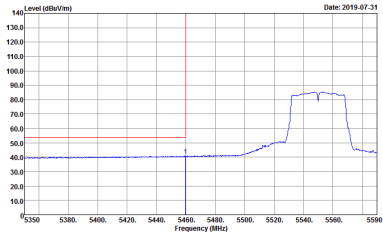


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

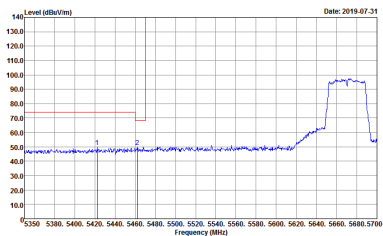
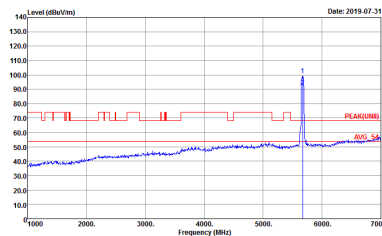
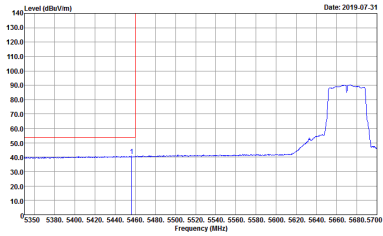


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank

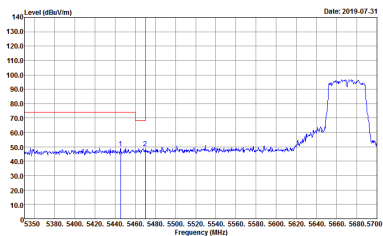
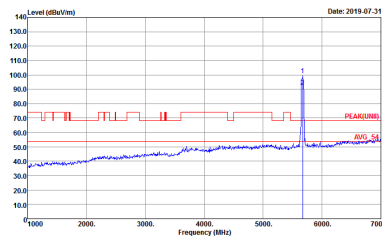
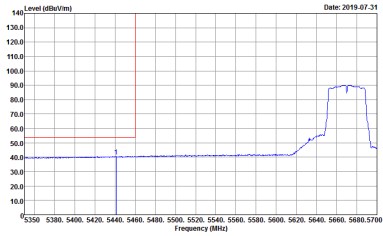


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank

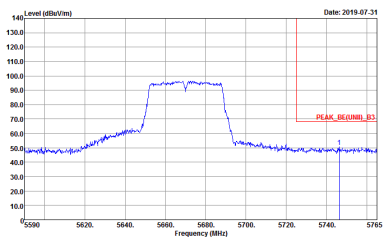


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



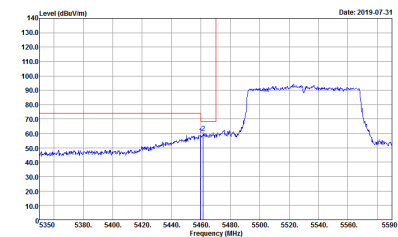
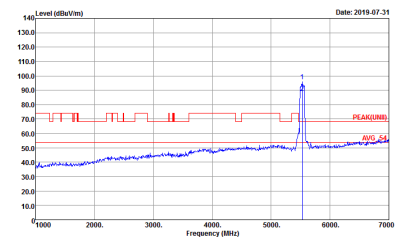
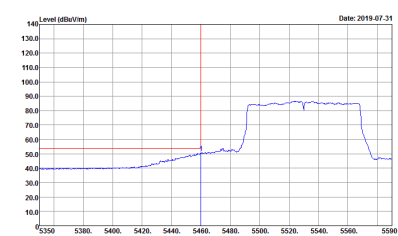
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CHI1-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HP VERTICAL Detector : Peak Project : 971613</p>	Left blank



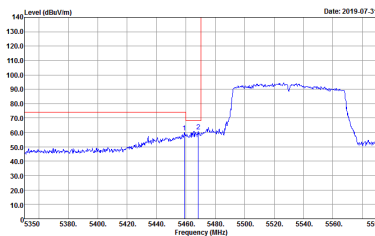
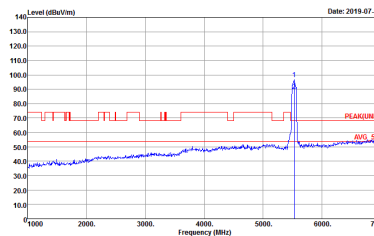
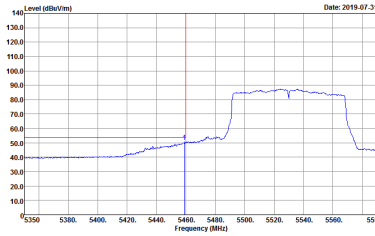
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE[UNIT], B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK[UNIT] 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE[UNIT], B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank

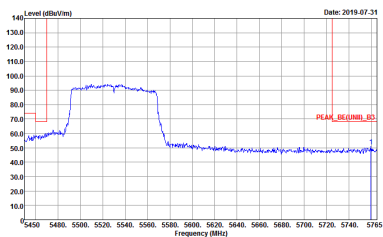


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CHI1-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>
Avg.	 <p>Date: 2019-07-31</p> <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 971613</p>	Left blank



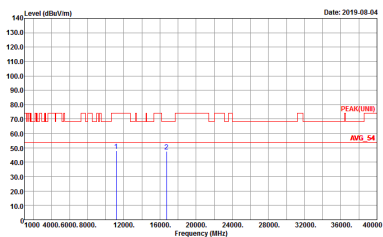
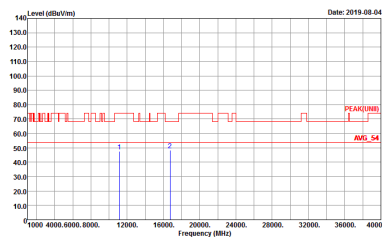
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>	Left blank



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK(LINEI) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(LINEI) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



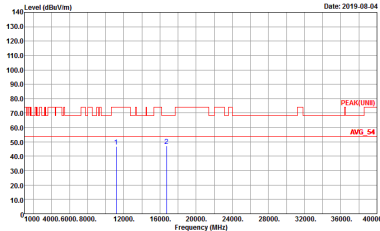
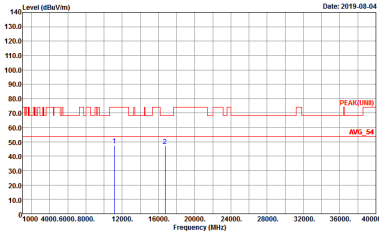
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	<p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>



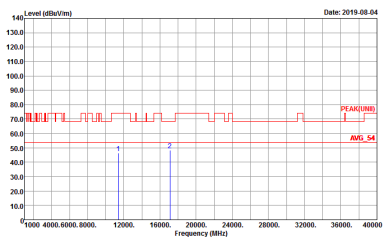
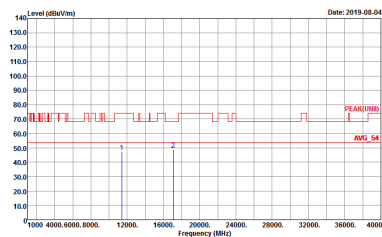
**Band 3 5470~5725MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



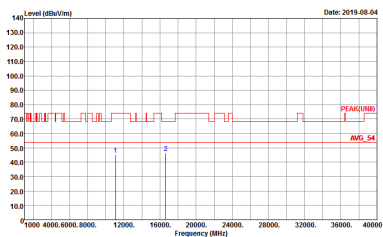
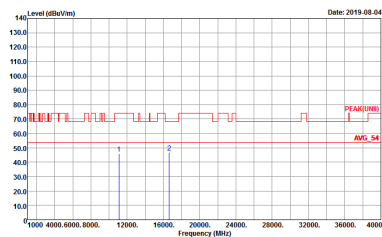
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 971613</p>



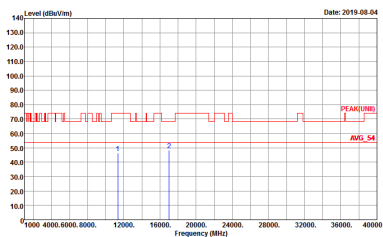
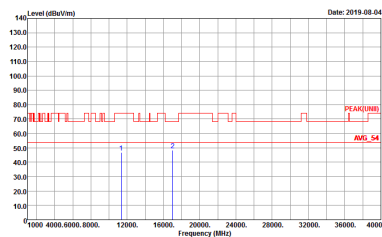
**Band 3 5470~5725MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	 <p>Site : 03CH11-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CH11-4FY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 971613</p>



Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1	Horizontal	Vertical
QP / Peak	<p>Site : 03CHI1-HY Condition : QP 3m BT-LOG 6111D-LF_ETC HORIZONTAL Detector : Peak Project : 971613</p>	<p>Site : 03CHI1-HY Condition : QP 3m BT-LOG 6111D-LF_ETC VERTICAL Detector : Peak Project : 971613</p>

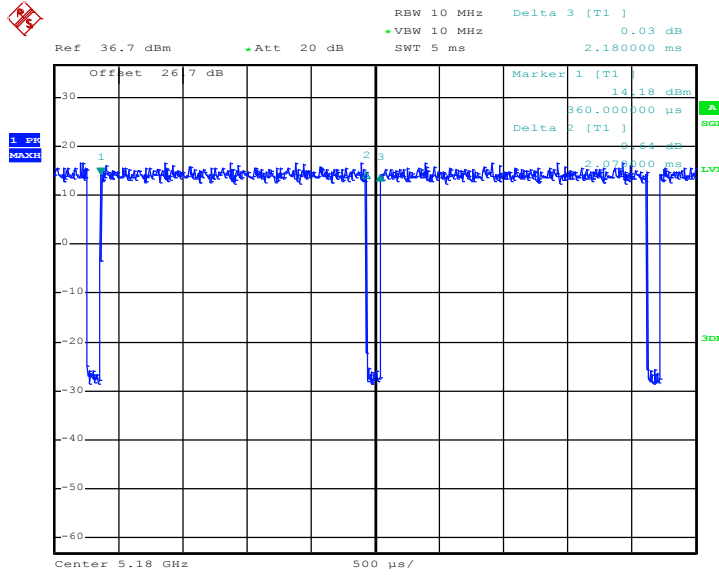


Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	94.95	2.070	0.48	1kHz	0.23
802.11ac VHT20	94.88	1.945	0.51	1kHz	0.23
802.11ac VHT40	90.05	0.950	1.05	3kHz	0.46
802.11ac VHT80	88.02	0.735	1.36	3kHz	0.55

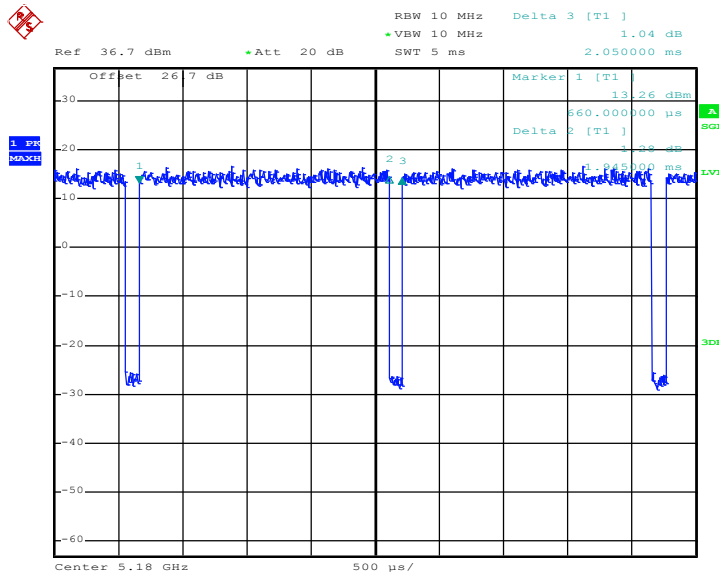


802.11a



Date: 27.JUL.2019 03:21:22

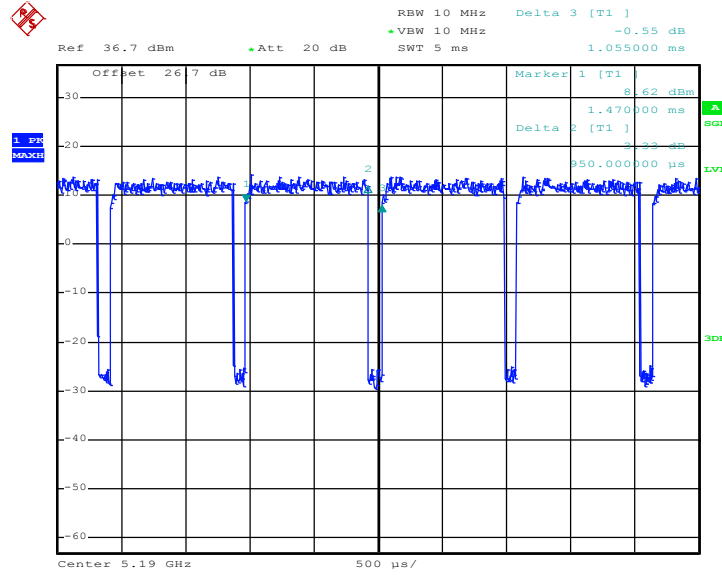
802.11ac VHT20



Date: 27.JUL.2019 03:23:32

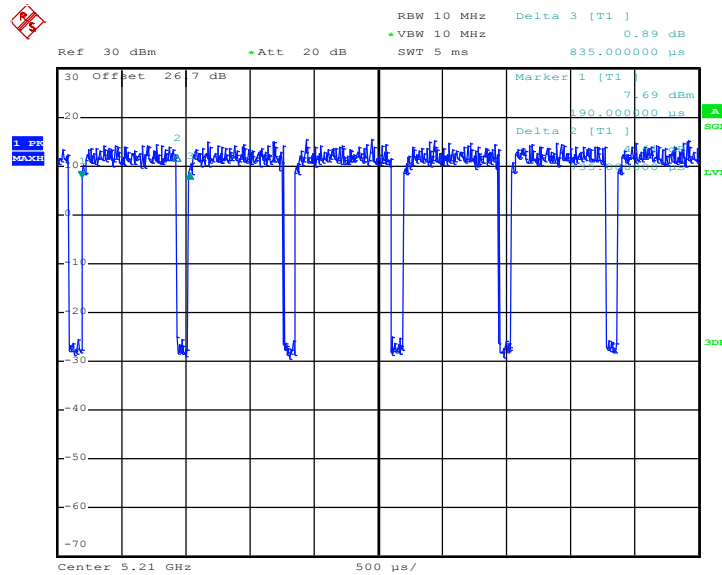


802.11ac VHT40



Date: 27.JUL.2019 03:26:36

802.11ac VHT80



Date: 30.JUL.2019 17:10:36