FCC RADIO TEST REPORT

FCC ID	:	**PJO6901**
Equipment	:	**MT-T800**
Brand Name	:	**Arima**
Model Name	:	**MT-T800**
Marketing Name	:	**Arima tablet**
Applicant	:	**Arima Communication Corporation No. 16, Lane 658, Ying Tao Road, Yingge Dist.,New Taipei City 23943, Taiwan (ROC)**
Manufacturer	:	**Arima Communication Corporation No. 16, Lane 658, Ying Tao Road, Yingge Dist.,New Taipei City 23943, Taiwan (ROC)**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Feb. 13, 2020 and testing was started from Feb. 24, 2020 and completed on Mar. 19, 2020. 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR012248D	01	Initial issue of report	May 29, 2020

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 5.3 dB at 5127.660 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 11.95 dB at 0.502 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: Tina Chuang

1 General Description

1.1 Product Feature of Equipment Under Test

WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n, FM Receiver, and GNSS.

Product Specification subjective to this standard	
Antenna Type	WWAN: Fixed Internal Antenna WLAN: Monopole Antenna Bluetooth: Monopole Antenna GPS / Glonass: Fixed Internal Antenna FM: Using Earphone as Antenna

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.**
	03CH13-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.
3. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, 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
802.11n HT20	MCS0
802.11n HT40	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + GPS Rx + Earphone + SD Card + Battery + USB Cable (Charging from Adapter)

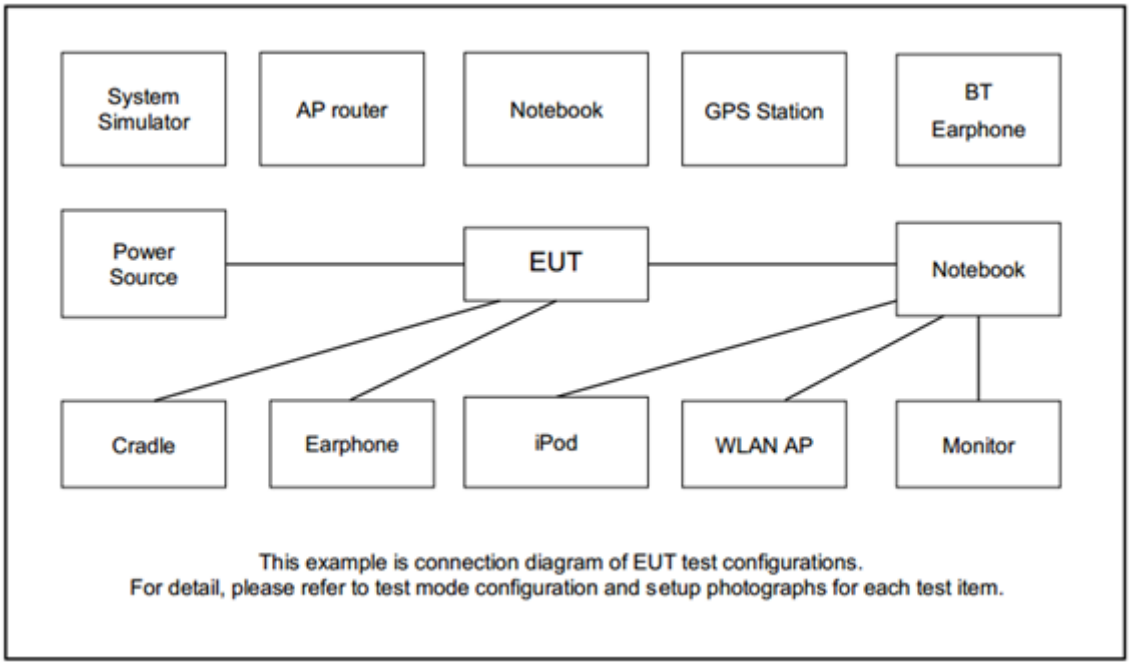
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
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
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

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.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
4.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
5.	Earphone	Zyia	N/A	N/A	N/A	Unshielded, 1.8 m
6.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P：Unshielded, 1.2m DC O/P：Shielded, 1.8m
7.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT V3.0.303.0” was installed in EUT 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 4.2 dB and 10dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

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

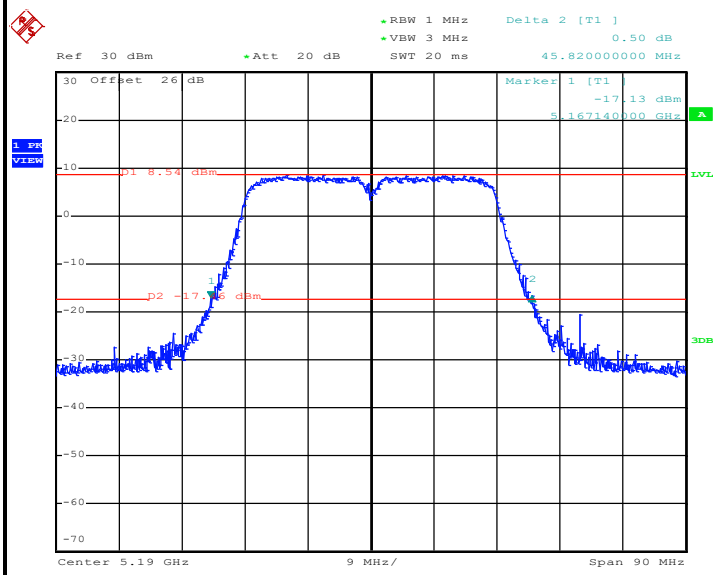
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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) ≥ 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.

Maximum 26dB Bandwidth



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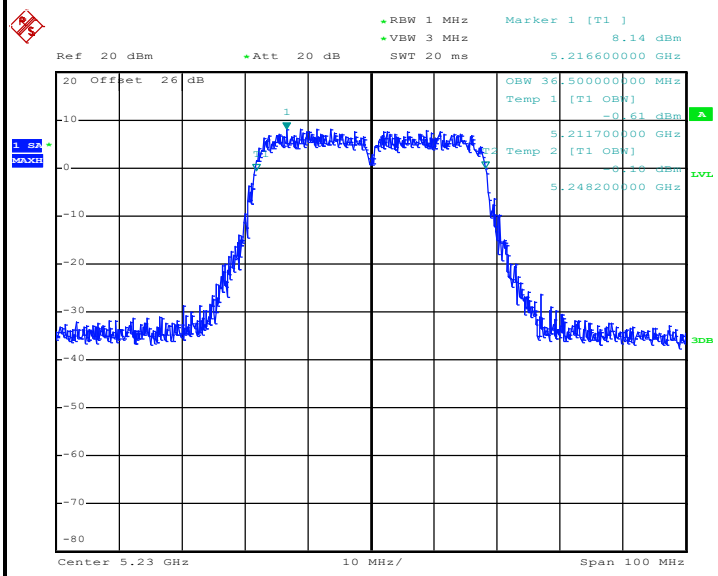
Maximum 99% Occupied Bandwidth



Date: 19.MAR.2020 23:05:19

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 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.

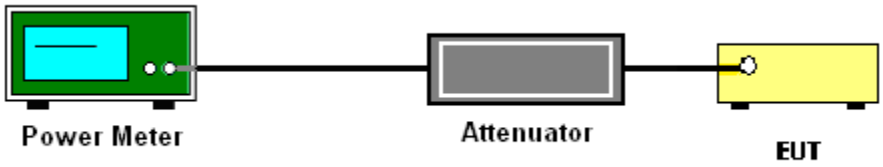
3.2.3 Test Procedures

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.

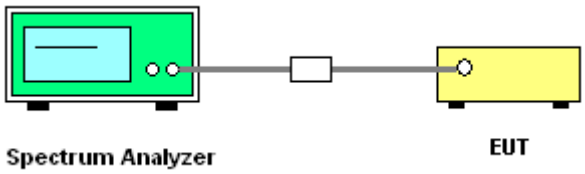
 # Method SA-3 #

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

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
- Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

1. The RF output of EUT 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.

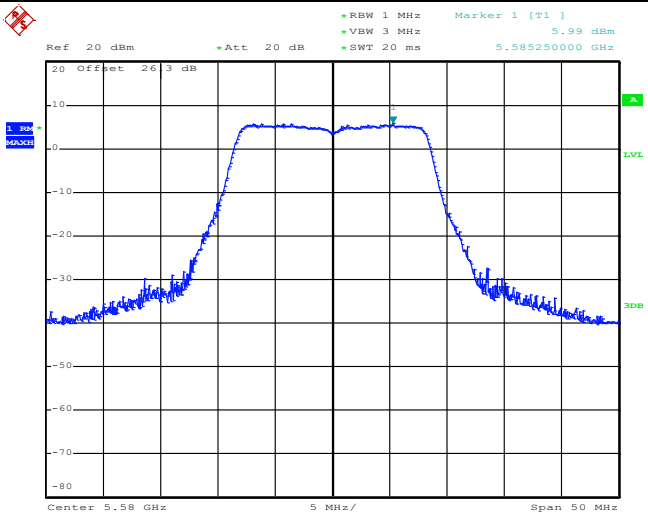
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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.

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

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

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

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

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

3.4.2 Measuring Instruments

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

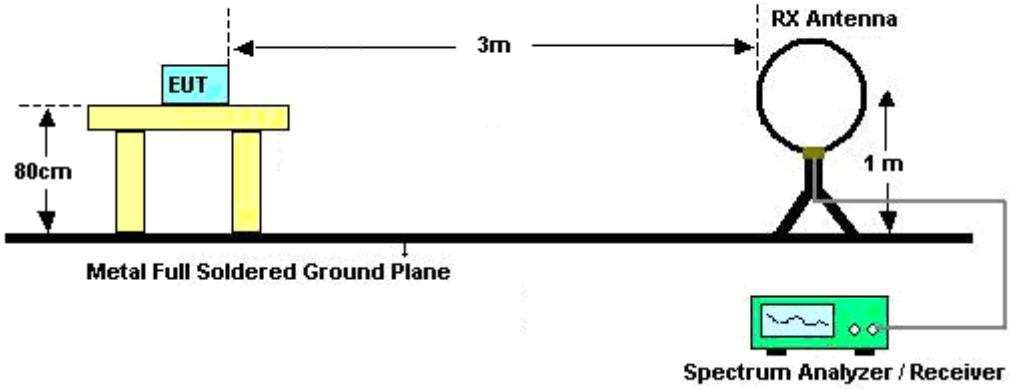
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- 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.

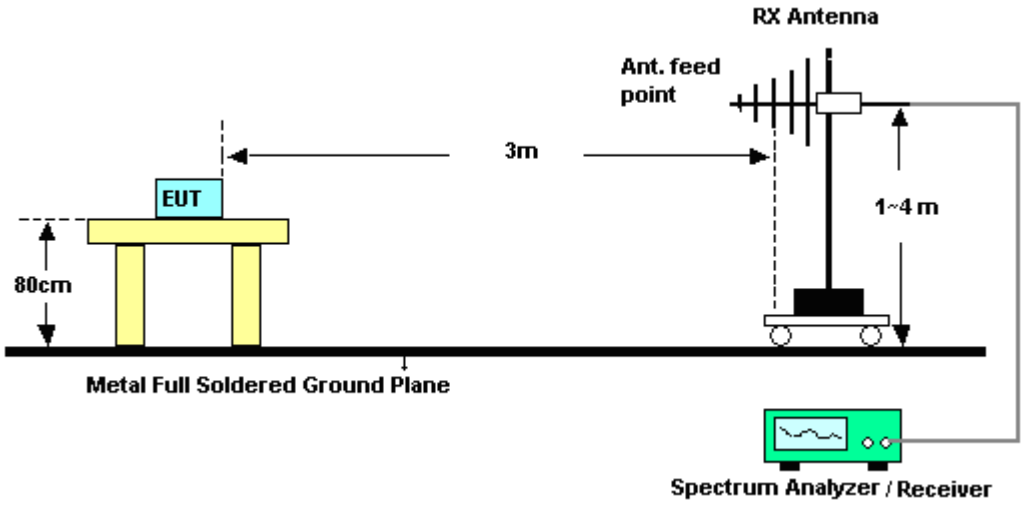
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

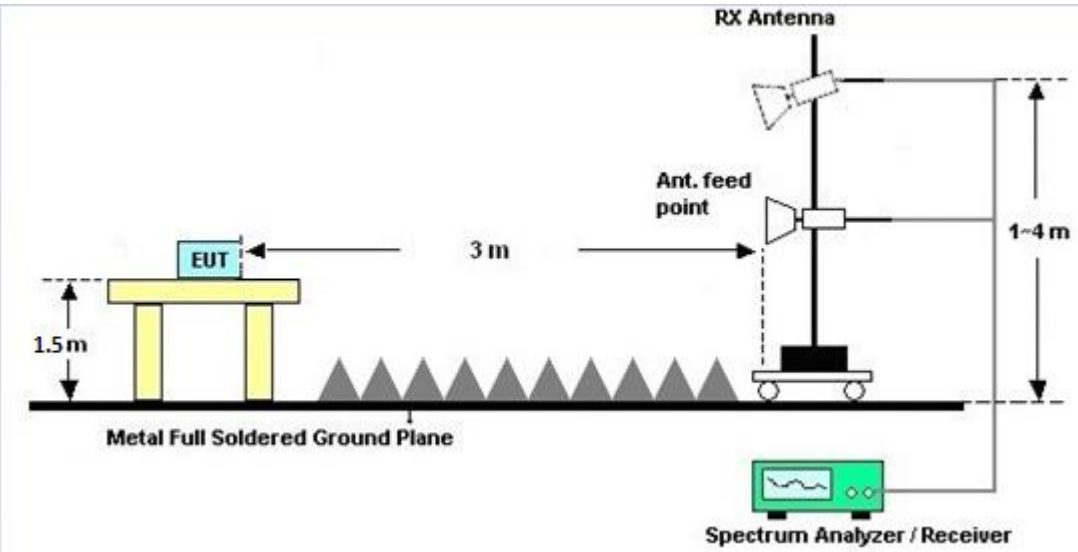
For radiated emissions below 30MHz



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 (dBμV)	
	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.

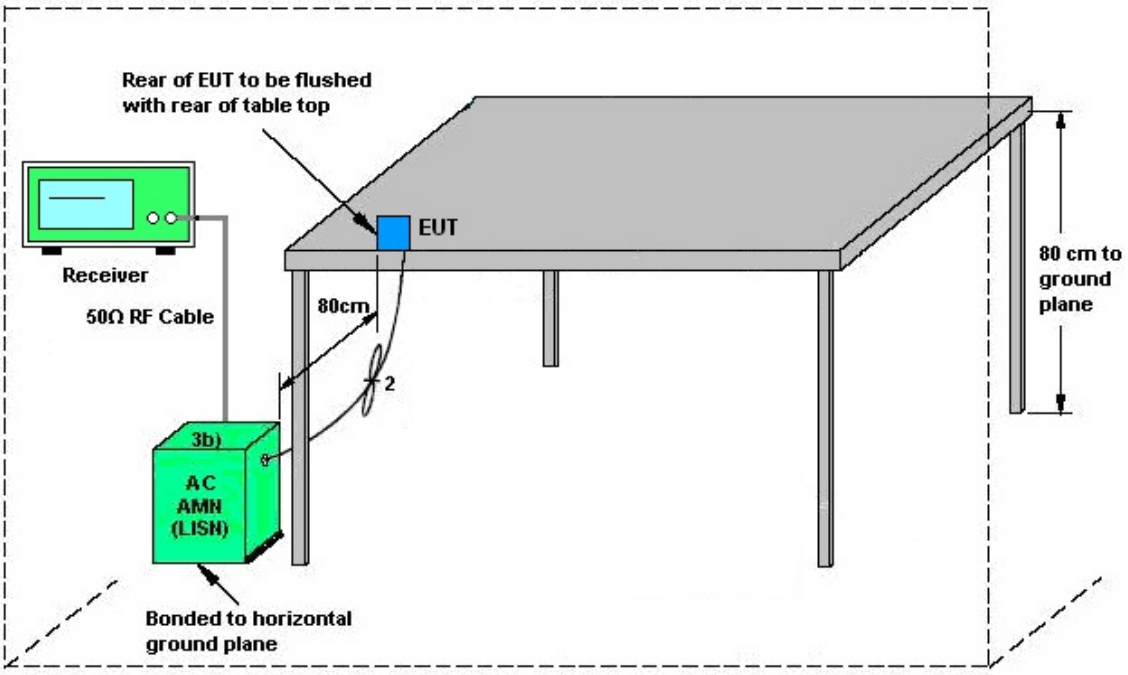
3.5.2 Measuring Instruments

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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

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
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	Feb. 24, 2020~ Mar. 19, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO32	9kHz~6GHz	Dec. 17, 2019	Feb. 24, 2020~ Mar. 19, 2020	Dec. 16, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Aug. 14, 2019	Feb. 24, 2020~ Mar. 19, 2020	Aug. 13, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Feb. 24, 2020~ Mar. 19, 2020	Mar. 26, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Feb. 26, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Feb. 26, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Feb. 26, 2020	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Feb. 26, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Feb. 26, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Feb. 26, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Feb. 26, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	Feb. 28, 2020~ Mar. 06, 2020	Jan. 08, 2021	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jul. 02, 2019	Feb. 28, 2020~ Mar. 06, 2020	Jul. 01, 2020	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 30, 2019	Feb. 28, 2020~ Mar. 06, 2020	Apr. 29, 2020	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz- 40GHz	May14, 2019	Feb. 28, 2020~ Mar. 06, 2020	May 13, 2020	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Mar. 15, 2019	Feb. 28, 2020~ Mar. 06, 2020	Mar. 14, 2020	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590074	1GHz~18GHz	May 20, 2019	Feb. 28, 2020~ Mar. 06, 2020	May 19, 2020	Radiation (03CH13-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 17, 2019	Feb. 28, 2020~ Mar. 06, 2020	Dec. 16, 2020	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 13, 2019	Feb. 28, 2020~ Mar. 06, 2020	Dec. 12, 2020	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP150115	N/A	Nov. 08, 2019	Feb. 28, 2020~ Mar. 06, 2020	Nov. 07, 2020	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Feb. 12, 2020	Feb. 28, 2020~ Mar. 06, 2020	Feb. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30M-18G	Feb. 12, 2020	Feb. 28, 2020~ Mar. 06, 2020	Feb. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30M-18G	Feb. 12, 2020	Feb. 28, 2020~ Mar. 06, 2020	Feb. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30M~40GHz	Mar. 13, 2019	Feb. 28, 2020~ Mar. 06, 2020	Mar. 12, 2020	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30M~40GHz	Mar. 13, 2019	Feb. 28, 2020~ Mar. 06, 2020	Mar. 12, 2020	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 19, 2019	Feb. 28, 2020~ Mar. 06, 2020	Mar. 18, 2020	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Feb. 28, 2020~ Mar. 06, 2020	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Feb. 28, 2020~ Mar. 06, 2020	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Feb. 28, 2020~ Mar. 06, 2020	N/A	Radiation (03CH13-HY)
Software	AUDIX	E3 6.2009-8-24c	RK-001124	N/A	N/A	Feb. 28, 2020~ Mar. 06, 2020	N/A	Radiation (03CH13-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20Hz ~ 8.4GHz	Nov. 01, 2019	Feb. 28, 2020~ Mar. 06, 2020	Oct. 31, 2020	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN2	3GHz High Pass Filter	Jul. 14, 2019	Feb. 28, 2020~ Mar. 06, 2020	Jul. 13, 2020	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 16, 2019	Feb. 28, 2020~ Mar. 06, 2020	Sep. 15, 2020	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 13, 2019	Feb. 28, 2020~ Mar. 06, 2020	Mar. 12, 2020	Radiation (03CH13-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.3**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.4**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.5**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.8**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Ben Huang / AnAn Wu	Temperature:	21~25	°C
Test Date:	2020/2/24~2020/3/19	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	17.05	-	24.55	-	-		22.32	-		
11a	6Mbps	1	44	5220	17.05	-	23.75	-	-		22.32	-		
11a	6Mbps	1	48	5240	17.05	-	24.50	-	-		22.32	-		
HT20	MCS0	1	36	5180	18.05	-	25.20	-	-		22.56	-		
HT20	MCS0	1	44	5220	18.05	-	24.25	-	-		22.56	-		
HT20	MCS0	1	48	5240	18.05	-	24.30	-	-		22.56	-		
HT40	MCS0	1	38	5190	36.40	-	45.82	-	-		23.01	-		
HT40	MCS0	1	46	5230	36.50	-	45.46	-	-		23.01	-		

Report Number : FR012248D

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	15.70	-		24.00	-	-8.50	-		Pass
11a	6Mbps	1	44	5220	15.90	-		24.00	-	-8.50	-		Pass
11a	6Mbps	1	48	5240	15.90	-		24.00	-	-8.50	-		Pass
HT20	MCS0	1	36	5180	14.60	-		24.00	-	-8.50	-		Pass
HT20	MCS0	1	44	5220	14.70	-		24.00	-	-8.50	-		Pass
HT20	MCS0	1	48	5240	14.60	-		24.00	-	-8.50	-		Pass
HT40	MCS0	1	38	5190	14.80	-		24.00	-	-8.50	-		Pass
HT40	MCS0	1	46	5230	14.90	-		24.00	-	-8.50	-		Pass

Report Number : FR012248D

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	5.58	-		11.00	-	-8.50	-		Pass
11a	6Mbps	1	44	5220	5.33	-		11.00	-	-8.50	-		Pass
11a	6Mbps	1	48	5240	5.50	-		11.00	-	-8.50	-		Pass
HT20	MCS0	1	36	5180	3.97	-		11.00	-	-8.50	-		Pass
HT20	MCS0	1	44	5220	4.05	-		11.00	-	-8.50	-		Pass
HT20	MCS0	1	48	5240	3.81	-		11.00	-	-8.50	-		Pass
HT40	MCS0	1	38	5190	0.83	-		11.00	-	-8.50	-		Pass
HT40	MCS0	1	46	5230	1.24	-		11.00	-	-8.50	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.00	-	23.80	-	23.30	-	29.30	-	23.98	-	
11a	6Mbps	1	60	5300	17.00	-	24.55	-	23.30	-	29.30	-	23.98	-	
11a	6Mbps	1	64	5320	16.95	-	23.80	-	23.29	-	29.29	-	23.98	-	
HT20	MCS0	1	52	5260	18.05	-	24.00	-	23.56	-	29.56	-	23.98	-	
HT20	MCS0	1	60	5300	18.00	-	23.95	-	23.55	-	29.55	-	23.98	-	
HT20	MCS0	1	64	5320	18.00	-	23.90	-	23.55	-	29.55	-	23.98	-	
HT40	MCS0	1	54	5270	36.40	-	45.07	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.50	-	45.63	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	15.70	-		23.98	-	-0.90	-	26.99	Pass
11a	6Mbps	1	60	5300	15.90	-		23.98	-	-0.90	-	26.99	Pass
11a	6Mbps	1	64	5320	15.70	-		23.98	-	-0.90	-	26.99	Pass
HT20	MCS0	1	52	5260	14.70	-		23.98	-	-0.90	-	26.99	Pass
HT20	MCS0	1	60	5300	14.70	-		23.98	-	-0.90	-	26.99	Pass
HT20	MCS0	1	64	5320	14.70	-		23.98	-	-0.90	-	26.99	Pass
HT40	MCS0	1	54	5270	14.70	-		23.98	-	-0.90	-	26.99	Pass
HT40	MCS0	1	62	5310	14.70	-		23.98	-	-0.90	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	5.43	-		11.00	-	-0.90	-		Pass
11a	6Mbps	1	60	5300	5.41	-		11.00	-	-0.90	-		Pass
11a	6Mbps	1	64	5320	5.11	-		11.00	-	-0.90	-		Pass
HT20	MCS0	1	52	5260	4.06	-		11.00	-	-0.90	-		Pass
HT20	MCS0	1	60	5300	3.78	-		11.00	-	-0.90	-		Pass
HT20	MCS0	1	64	5320	3.69	-		11.00	-	-0.90	-		Pass
HT40	MCS0	1	54	5270	1.13	-		11.00	-	-0.90	-		Pass
HT40	MCS0	1	62	5310	1.24	-		11.00	-	-0.90	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	17.00	-	24.40	-	23.30	-	29.30	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.00	-	24.05	-	23.30	-	29.30	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.00	-	23.85	-	23.30	-	29.30	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.00	-	24.20	-	23.55	-	29.55	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.05	-	24.15	-	23.56	-	29.56	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.10	-	24.15	-	23.58	-	29.58	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.50	-	44.64	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.40	-	45.36	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.50	-	45.18	-	23.98	-	30.00	-	23.98	-	----	----

TEST RESULTS DATA
Average Power Table

FCC Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	15.90	-		23.98	-	-0.68	-	26.99	Pass
11a	6Mbps	1	116	5580	15.90	-		23.98	-	-0.68	-	26.99	Pass
11a	6Mbps	1	140	5700	15.80	-		23.98	-	-0.68	-	26.99	Pass
HT20	MCS0	1	100	5500	14.90	-		23.98	-	-0.68	-	26.99	Pass
HT20	MCS0	1	116	5580	14.80	-		23.98	-	-0.68	-	26.99	Pass
HT20	MCS0	1	140	5700	14.70	-		23.98	-	-0.68	-	26.99	Pass
HT40	MCS0	1	102	5510	14.90	-		23.98	-	-0.68	-	26.99	Pass
HT40	MCS0	1	110	5550	14.80	-		23.98	-	-0.68	-	26.99	Pass
HT40	MCS0	1	134	5670	14.60	-		23.98	-	-0.68	-	26.99	Pass

Report Number : FR012248D

TEST RESULTS DATA
Power Spectral Density

Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	5.87	-		11.00	-	-0.68	-		Pass
11a	6Mbps	1	116	5580	5.99	-		11.00	-	-0.68	-		Pass
11a	6Mbps	1	140	5700	5.53	-		11.00	-	-0.68	-		Pass
HT20	MCS0	1	100	5500	4.41	-		11.00	-	-0.68	-		Pass
HT20	MCS0	1	116	5580	4.55	-		11.00	-	-0.68	-		Pass
HT20	MCS0	1	140	5700	4.23	-		11.00	-	-0.68	-		Pass
HT40	MCS0	1	102	5510	1.54	-		11.00	-	-0.68	-		Pass
HT40	MCS0	1	110	5550	1.65	-		11.00	-	-0.68	-		Pass
HT40	MCS0	1	134	5670	0.82	-		11.00	-	-0.68	-		Pass

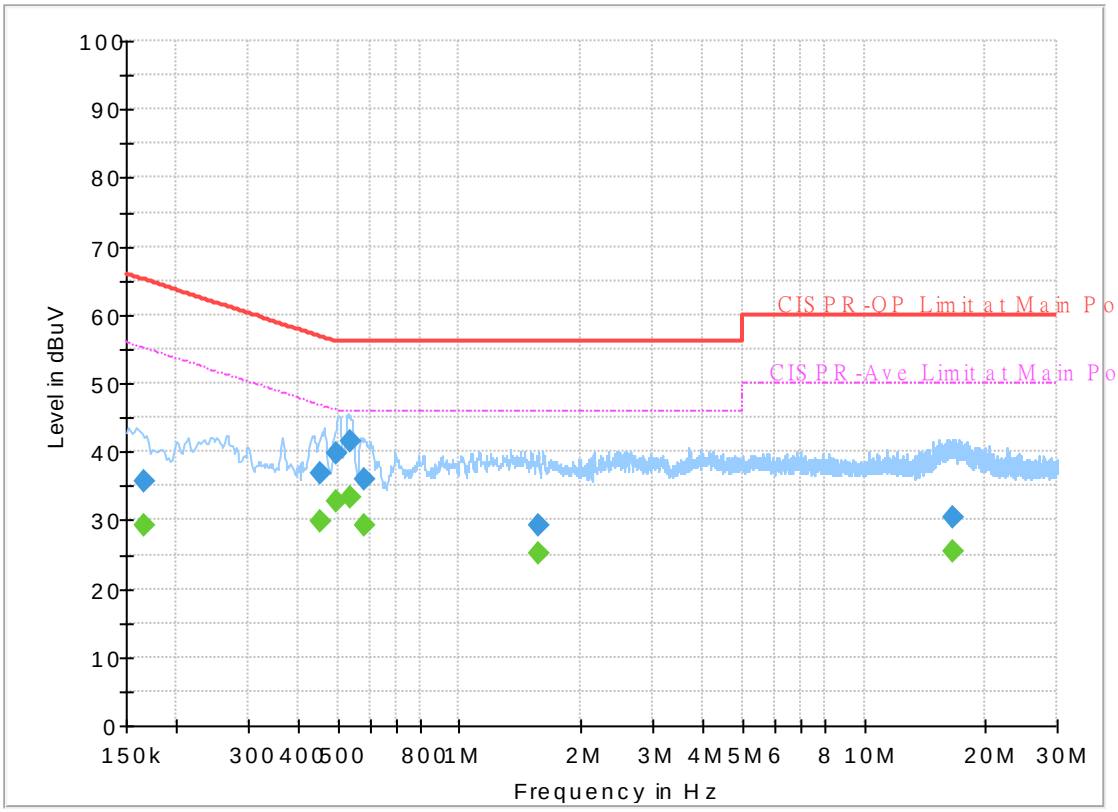
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	21~24℃
		Relative Humidity :	45~53%

EUT Information

Report NO :	012248
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



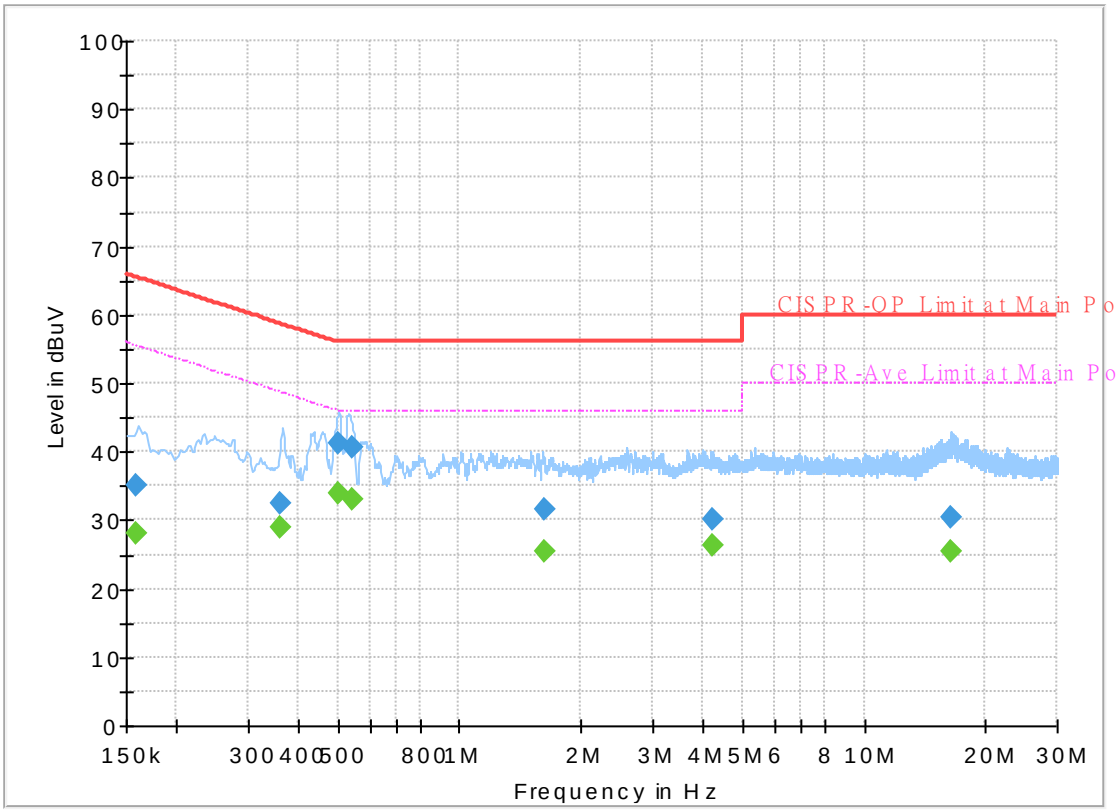
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	29.21	55.17	25.96	L1	OFF	19.5
0.165750	35.56	---	65.17	29.61	L1	OFF	19.5
0.455280	---	29.72	46.78	17.06	L1	OFF	19.5
0.455280	36.98	---	56.78	19.80	L1	OFF	19.5
0.496500	---	32.70	46.06	13.36	L1	OFF	19.5
0.496500	39.69	---	56.06	16.37	L1	OFF	19.5
0.536820	---	33.38	46.00	12.62	L1	OFF	19.5
0.536820	41.49	---	56.00	14.51	L1	OFF	19.5
0.579750	---	29.13	46.00	16.87	L1	OFF	19.5
0.579750	35.98	---	56.00	20.02	L1	OFF	19.5
1.573080	---	25.05	46.00	20.95	L1	OFF	19.6
1.573080	29.38	---	56.00	26.62	L1	OFF	19.6
16.600740	---	25.46	50.00	24.54	L1	OFF	20.1
16.600740	30.43	---	60.00	29.57	L1	OFF	20.1

EUT Information

Report NO :	012248
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)
0.158460	---	28.13	55.54	27.41	N	OFF	19.6
0.158460	34.97	---	65.54	30.57	N	OFF	19.6
0.361500	---	28.87	48.69	19.82	N	OFF	19.6
0.361500	32.41	---	58.69	26.28	N	OFF	19.6
0.502080	---	34.05	46.00	11.95	N	OFF	19.6
0.502080	41.27	---	56.00	14.73	N	OFF	19.6
0.540690	---	33.01	46.00	12.99	N	OFF	19.6
0.540690	40.64	---	56.00	15.36	N	OFF	19.6
1.614210	---	25.34	46.00	20.66	N	OFF	19.6
1.614210	31.58	---	56.00	24.42	N	OFF	19.6
4.233480	---	26.36	46.00	19.64	N	OFF	19.7
4.233480	30.04	---	56.00	25.96	N	OFF	19.7
16.475190	---	25.51	50.00	24.49	N	OFF	20.2
16.475190	30.27	---	60.00	29.73	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Jimmy Chung, Karl Hou, Wilson Wu, and Chuan Wei	Temperature :	17.9~19.6°C
		Relative Humidity :	55.3~62.4%

Band 1 - 5150~5250MHz

WIFI 802.11a (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)
802.11a CH 36 5180MHz		5127.92	56.28	-17.72	74	44.92	32	6.06	26.7	100	237	P	H
		5127.66	48.7	-5.3	54	37.34	32	6.06	26.7	100	237	A	H
	*	5180	109.65	-	-	98.46	31.82	6.07	26.7	100	237	P	H
	*	5180	102.18	-	-	90.99	31.82	6.07	26.7	100	237	A	H
		5126.88	53.06	-20.94	74	41.7	32	6.06	26.7	272	94	P	V
		5127.66	45.52	-8.48	54	34.16	32	6.06	26.7	272	94	A	V
	*	5180	105.08	-	-	93.89	31.82	6.07	26.7	272	94	P	V
	*	5180	97.14	-	-	85.95	31.82	6.07	26.7	272	94	A	V
802.11a CH 44 5220MHz		5082.16	52.67	-21.33	74	41.39	31.93	6.06	26.71	100	234	P	H
		5069.94	43.28	-10.72	54	32.05	31.88	6.06	26.71	100	234	A	H
	*	5220	109.06	-	-	98.09	31.58	6.09	26.7	100	234	P	H
	*	5220	101.92	-	-	90.95	31.58	6.09	26.7	100	234	A	H
		5412.12	50.55	-23.45	74	39.35	31.65	6.24	26.69	100	234	P	H
		5419.96	42.32	-11.68	54	31.08	31.68	6.25	26.69	100	234	A	H
		5007.8	52.11	-21.89	74	41.14	31.63	6.05	26.71	251	93	P	V
		5036.14	43.19	-10.81	54	32.11	31.74	6.05	26.71	251	93	A	V
	*	5220	104.88	-	-	93.91	31.58	6.09	26.7	251	93	P	V
	*	5220	97.27	-	-	86.3	31.58	6.09	26.7	251	93	A	V
		5428.36	51.99	-22.01	74	40.72	31.71	6.25	26.69	251	93	P	V
		5455.52	41.85	-12.15	54	30.47	31.81	6.26	26.69	251	93	A	V

802.11a CH 48 5240MHz		5046.8	52.44	-21.56	74	41.31	31.79	6.05	26.71	100	237	P	H
		5054.34	43.61	-10.39	54	32.44	31.82	6.06	26.71	100	237	A	H
	*	5240	109.3	-	-	98.44	31.46	6.1	26.7	100	237	P	H
	*	5240	101.66	-	-	90.8	31.46	6.1	26.7	100	237	A	H
		5398.96	51.04	-22.96	74	39.89	31.6	6.24	26.69	100	237	P	H
		5439.28	42.51	-11.49	54	31.19	31.76	6.25	26.69	100	237	A	H
		5051.22	52.05	-21.95	74	40.9	31.8	6.06	26.71	354	5	P	V
		5098.28	43.22	-10.78	54	31.88	31.99	6.06	26.71	354	5	A	V
	*	5240	105.29	-	-	94.43	31.46	6.1	26.7	354	5	P	V
	*	5240	97.36	-	-	86.5	31.46	6.1	26.7	354	5	A	V
		5459.16	50.34	-23.66	74	38.95	31.82	6.26	26.69	354	5	P	V
		5455.52	42.12	-11.88	54	30.74	31.81	6.26	26.69	354	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	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		10360	46.65	-21.55	68.2	53.99	39.74	9.88	56.96	100	0	P	H
		15540	44.1	-29.9	74	49.51	38.76	12.48	56.65	100	0	P	H
													H
													H
		10360	46.5	-21.7	68.2	53.84	39.74	9.88	56.96	100	0	P	V
		15540	44.43	-29.57	74	49.84	38.76	12.48	56.65	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	47.41	-20.79	68.2	54.47	39.94	9.92	56.92	100	0	P	H
		15660	44.67	-29.33	74	50.45	38.22	12.51	56.51	100	0	P	H
													H
													H
		10440	46.76	-21.44	68.2	53.82	39.94	9.92	56.92	100	0	P	V
		15660	43.88	-30.12	74	49.66	38.22	12.51	56.51	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.24	-20.96	68.2	54.23	39.98	9.94	56.91	100	0	P	H
		15720	44.2	-29.8	74	50.02	38.1	12.52	56.44	100	0	P	H
													H
													H
		10480	47.54	-20.66	68.2	54.53	39.98	9.94	56.91	100	0	P	V
		15720	44.15	-29.85	74	49.97	38.1	12.52	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (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)
		5128.18	54.88	-19.12	74	43.52	32	6.06	26.7	100	237	P	H
		5128.44	48.33	-5.67	54	36.97	32	6.06	26.7	100	237	A	H
	*	5180	109.36	-	-	98.17	31.82	6.07	26.7	100	237	P	H
	*	5180	100.94	-	-	89.75	31.82	6.07	26.7	100	237	A	H
802.11n													H
HT20													H
CH 36		5127.92	52.77	-21.23	74	41.41	32	6.06	26.7	322	4	P	V
5180MHz		5128.44	45.46	-8.54	54	34.1	32	6.06	26.7	322	4	A	V
	*	5180	104.52	-	-	93.33	31.82	6.07	26.7	322	4	P	V
	*	5180	97.11	-	-	85.92	31.82	6.07	26.7	322	4	A	V
													V
													V
		5096.46	52.28	-21.72	74	40.94	31.99	6.06	26.71	100	238	P	H
		5123.76	43.22	-10.78	54	31.87	32	6.06	26.71	100	238	A	H
	*	5220	108.11	-	-	97.14	31.58	6.09	26.7	100	238	P	H
	*	5220	100.02	-	-	89.05	31.58	6.09	26.7	100	238	A	H
802.11n		5372.36	51.29	-22.71	74	40.28	31.49	6.22	26.7	100	238	P	H
HT20		5451.88	42.02	-11.98	54	30.65	31.8	6.26	26.69	100	238	A	H
CH 44		5123.76	52.66	-21.34	74	41.31	32	6.06	26.71	263	96	P	V
5220MHz		5113.88	43.12	-10.88	54	31.77	32	6.06	26.71	263	96	A	V
	*	5220	103.4	-	-	92.43	31.58	6.09	26.7	263	96	P	V
	*	5220	95.64	-	-	84.67	31.58	6.09	26.7	263	96	A	V
		5444.32	50.73	-23.27	74	39.39	31.78	6.25	26.69	263	96	P	V
		5449.36	41.93	-12.07	54	30.57	31.8	6.25	26.69	263	96	A	V

		5009.36	51.98	-22.02	74	41	31.64	6.05	26.71	100	234	P	H
		5055.9	43.35	-10.65	54	32.18	31.82	6.06	26.71	100	234	A	H
	*	5240	108.55	-	-	97.69	31.46	6.1	26.7	100	234	P	H
	*	5240	99.82	-	-	88.96	31.46	6.1	26.7	100	234	A	H
802.11n		5437.6	51.03	-22.97	74	39.72	31.75	6.25	26.69	100	234	P	H
HT20		5427.52	42.18	-11.82	54	30.91	31.71	6.25	26.69	100	234	A	H
CH 48		5084.76	53.51	-20.49	74	42.22	31.94	6.06	26.71	332	6	P	V
5240MHz		5095.68	43.1	-10.9	54	31.77	31.98	6.06	26.71	332	6	A	V
	*	5240	103.53	-	-	92.67	31.46	6.1	26.7	332	6	P	V
	*	5240	95.37	-	-	84.51	31.46	6.1	26.7	332	6	A	V
		5433.12	51.21	-22.79	74	39.92	31.73	6.25	26.69	332	6	P	V
		5436.76	41.97	-12.03	54	30.66	31.75	6.25	26.69	332	6	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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)
		10360	46.72	-21.48	68.2	54.06	39.74	9.88	56.96	100	0	P	H
		15540	44.49	-29.51	74	49.9	38.76	12.48	56.65	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	46.6	-21.6	68.2	53.94	39.74	9.88	56.96	100	0	P	V
5180MHz		15540	43.8	-30.2	74	49.21	38.76	12.48	56.65	100	0	P	V
													V
													V
		10440	46.62	-21.58	68.2	53.68	39.94	9.92	56.92	100	0	P	H
		15660	44.03	-29.97	74	49.81	38.22	12.51	56.51	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	46.79	-21.41	68.2	53.85	39.94	9.92	56.92	100	0	P	V
5220MHz		15660	43.82	-30.18	74	49.6	38.22	12.51	56.51	100	0	P	V
													V
													V
		10480	47.35	-20.85	68.2	54.34	39.98	9.94	56.91	100	0	P	H
		15720	44.15	-29.85	74	49.97	38.1	12.52	56.44	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	47.46	-20.74	68.2	54.45	39.98	9.94	56.91	100	0	P	V
5240MHz		15720	44.14	-29.86	74	49.96	38.1	12.52	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (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)
802.11n HT40 CH 38 5190MHz		5149.76	55.96	-18.04	74	44.6	32	6.06	26.7	100	238	P	H
		5150	46.8	-7.2	54	35.43	32	6.07	26.7	100	238	A	H
	*	5190	104.67	-	-	93.54	31.76	6.07	26.7	100	238	P	H
	*	5190	97.33	-	-	86.2	31.76	6.07	26.7	100	238	A	H
		5453.84	49.93	-24.07	74	38.55	31.81	6.26	26.69	100	238	P	H
		5456.92	42.03	-11.97	54	30.65	31.81	6.26	26.69	100	238	A	H
		5139.1	52.33	-21.67	74	40.97	32	6.06	26.7	380	7	P	V
		5149.76	44.29	-9.71	54	32.93	32	6.06	26.7	380	7	A	V
	*	5190	100.2	-	-	89.07	31.76	6.07	26.7	380	7	P	V
	*	5190	93.06	-	-	81.93	31.76	6.07	26.7	380	7	A	V
		5426.68	49.62	-24.38	74	38.35	31.71	6.25	26.69	380	7	P	V
		5459.72	41.92	-12.08	54	30.53	31.82	6.26	26.69	380	7	A	V
802.11n HT40 CH 46 5230MHz		5127.92	53.19	-20.81	74	41.83	32	6.06	26.7	100	233	P	H
		5126.88	44.87	-9.13	54	33.51	32	6.06	26.7	100	233	A	H
	*	5230	104.69	-	-	93.77	31.52	6.1	26.7	100	233	P	H
	*	5230	96.75	-	-	85.83	31.52	6.1	26.7	100	233	A	H
		5423.04	51.41	-22.59	74	40.16	31.69	6.25	26.69	100	233	P	H
		5438.44	42.04	-11.96	54	30.73	31.75	6.25	26.69	100	233	A	H
		5075.14	52.13	-21.87	74	40.88	31.9	6.06	26.71	372	5	P	V
		5127.4	43.15	-10.85	54	31.79	32	6.06	26.7	372	5	A	V
	*	5230	100.63	-	-	89.71	31.52	6.1	26.7	372	5	P	V
	*	5230	92.53	-	-	81.61	31.52	6.1	26.7	372	5	A	V
		5429.48	50.48	-23.52	74	39.2	31.72	6.25	26.69	372	5	P	V
		5459.72	41.9	-12.1	54	30.51	31.82	6.26	26.69	372	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 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)
		10380	46.33	-21.87	68.2	53.57	39.82	9.89	56.95	100	0	P	H
		15570	44.92	-29.08	74	50.48	38.58	12.48	56.62	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	47.36	-20.84	68.2	54.6	39.82	9.89	56.95	100	0	P	V
5190MHz		15570	45.1	-28.9	74	50.66	38.58	12.48	56.62	100	0	P	V
													V
													V
		10460	47.29	-20.91	68.2	54.32	39.96	9.93	56.92	100	0	P	H
		15690	45.21	-28.79	74	51.04	38.13	12.51	56.47	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	47.63	-20.57	68.2	54.66	39.96	9.93	56.92	100	0	P	V
5230MHz		15690	44.09	-29.91	74	49.92	38.13	12.51	56.47	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 - 5250~5350MHz

WIFI 802.11a (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		5063.92	52.48	-21.52	74	41.27	31.86	6.06	26.71	100	235	P	H
		5072.42	43.53	-10.47	54	32.29	31.89	6.06	26.71	100	235	A	H
	*	5260	108.23	-	-	97.41	31.4	6.12	26.7	100	235	P	H
	*	5260	100.69	-	-	89.87	31.4	6.12	26.7	100	235	A	H
		5457.84	50.87	-23.13	74	39.48	31.82	6.26	26.69	100	235	P	H
		5456.64	42.77	-11.23	54	31.39	31.81	6.26	26.69	100	235	A	H
		5038.76	52.28	-21.72	74	41.18	31.76	6.05	26.71	351	7	P	V
		5069.36	43.22	-10.78	54	31.99	31.88	6.06	26.71	351	7	A	V
	*	5260	104.07	-	-	93.25	31.4	6.12	26.7	351	7	P	V
	*	5260	96.7	-	-	85.88	31.4	6.12	26.7	351	7	A	V
		5424.72	51.23	-22.77	74	39.97	31.7	6.25	26.69	351	7	P	V
		5453.28	42.1	-11.9	54	30.72	31.81	6.26	26.69	351	7	A	V
802.11a CH 60 5300MHz		5058.82	51.95	-22.05	74	40.76	31.84	6.06	26.71	100	236	P	H
		5110.5	43.97	-10.03	54	32.62	32	6.06	26.71	100	236	A	H
	*	5300	108.23	-	-	97.38	31.4	6.15	26.7	100	236	P	H
	*	5300	100.29	-	-	89.44	31.4	6.15	26.7	100	236	A	H
		5352.96	52.58	-21.42	74	41.67	31.41	6.2	26.7	100	236	P	H
		5352.24	46.12	-7.88	54	35.21	31.41	6.2	26.7	100	236	A	H
		5032.3	52.55	-21.45	74	41.48	31.73	6.05	26.71	400	117	P	V
		5059.84	43.12	-10.88	54	31.93	31.84	6.06	26.71	400	117	A	V
	*	5300	103.63	-	-	92.78	31.4	6.15	26.7	400	117	P	V
	*	5300	96.18	-	-	85.33	31.4	6.15	26.7	400	117	A	V
		5398.8	50.16	-23.84	74	39.01	31.6	6.24	26.69	400	117	P	V
		5352.48	42.38	-11.62	54	31.47	31.41	6.2	26.7	400	117	A	V

802.11a CH 64 5320MHz	*	5320	106.9	-	-	96.03	31.4	6.17	26.7	100	233	P	H
	*	5320	99.71	-	-	88.84	31.4	6.17	26.7	100	233	A	H
		5351.68	54.46	-19.54	74	43.55	31.41	6.2	26.7	100	233	P	H
		5372.32	45.64	-8.36	54	34.63	31.49	6.22	26.7	100	233	A	H
													H
													H
	*	5320	103.95	-	-	93.08	31.4	6.17	26.7	398	118	P	V
	*	5320	95.88	-	-	85.01	31.4	6.17	26.7	398	118	A	V
		5425.92	51.29	-22.71	74	40.03	31.7	6.25	26.69	398	118	P	V
		5372.16	42.22	-11.78	54	31.21	31.49	6.22	26.7	398	118	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	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 52 5260MHz		10520	47.24	-20.96	68.2	54.19	39.98	9.95	56.88	100	0	P	H
		15780	44.66	-29.34	74	50.38	38.1	12.54	56.36	100	0	P	H
													H
													H
		10520	48.05	-20.15	68.2	55	39.98	9.95	56.88	100	0	P	V
		15780	44.52	-29.48	74	50.24	38.1	12.54	56.36	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	46.92	-27.08	74	53.85	39.9	9.99	56.82	100	0	P	H
		15900	44.12	-29.88	74	50.07	37.7	12.57	56.22	100	0	P	H
													H
													H
		10600	47.43	-26.57	74	54.36	39.9	9.99	56.82	100	0	P	V
		15900	43.69	-30.31	74	49.64	37.7	12.57	56.22	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	47.4	-26.6	74	54.17	40.02	10	56.79	100	0	P	H
		15960	43.15	-30.85	74	49.02	37.7	12.58	56.15	100	0	P	H
													H
													H
		10640	47.37	-26.63	74	54.14	40.02	10	56.79	100	0	P	V
		15960	44.67	-29.33	74	50.54	37.7	12.58	56.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (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)
		5028.22	52.21	-21.79	74	41.16	31.71	6.05	26.71	100	232	P	H
		5066.64	43.44	-10.56	54	32.22	31.87	6.06	26.71	100	232	A	H
	*	5260	107.49	-	-	96.67	31.4	6.12	26.7	100	232	P	H
	*	5260	99.46	-	-	88.64	31.4	6.12	26.7	100	232	A	H
802.11n		5455.92	50.94	-23.06	74	39.56	31.81	6.26	26.69	100	232	P	H
HT20		5459.52	42.36	-11.64	54	30.97	31.82	6.26	26.69	100	232	A	H
CH 52		5069.36	52.39	-21.61	74	41.16	31.88	6.06	26.71	312	57	P	V
5260MHz		5120.7	43.24	-10.76	54	31.89	32	6.06	26.71	312	57	A	V
	*	5260	102.8	-	-	91.98	31.4	6.12	26.7	312	57	P	V
	*	5260	95.09	-	-	84.27	31.4	6.12	26.7	312	57	A	V
		5455.68	50.45	-23.55	74	39.07	31.81	6.26	26.69	312	57	P	V
		5459.76	42.37	-11.63	54	30.98	31.82	6.26	26.69	312	57	A	V
		5038.08	52.76	-21.24	74	41.67	31.75	6.05	26.71	110	231	P	H
		5106.76	43.81	-10.19	54	32.46	32	6.06	26.71	110	231	A	H
	*	5300	106.07	-	-	95.22	31.4	6.15	26.7	110	231	P	H
	*	5300	98.38	-	-	87.53	31.4	6.15	26.7	110	231	A	H
802.11n		5353.44	52.3	-21.7	74	41.39	31.41	6.2	26.7	110	231	P	H
HT20		5351.76	45.62	-8.38	54	34.71	31.41	6.2	26.7	110	231	A	H
CH 60		5027.88	52.21	-21.79	74	41.16	31.71	6.05	26.71	400	120	P	V
5300MHz		5104.04	43.16	-10.84	54	31.81	32	6.06	26.71	400	120	A	V
	*	5300	102.44	-	-	91.59	31.4	6.15	26.7	400	120	P	V
	*	5300	94.29	-	-	83.44	31.4	6.15	26.7	400	120	A	V
		5352	51.11	-22.89	74	40.2	31.41	6.2	26.7	400	120	P	V
		5351.76	42.16	-11.84	54	31.25	31.41	6.2	26.7	400	120	A	V

	*	5320	106.21	-	-	95.34	31.4	6.17	26.7	100	230	P	H
	*	5320	98.14	-	-	87.27	31.4	6.17	26.7	100	230	A	H
		5372.32	52.06	-21.94	74	41.05	31.49	6.22	26.7	100	230	P	H
		5371.84	45.51	-8.49	54	34.5	31.49	6.22	26.7	100	230	A	H
802.11n													H
HT20													H
CH 64	*	5320	102.56	-	-	91.69	31.4	6.17	26.7	375	121	P	V
5320MHz	*	5320	94.43	-	-	83.56	31.4	6.17	26.7	375	121	A	V
		5437.12	51.47	-22.53	74	40.16	31.75	6.25	26.69	375	121	P	V
		5371.68	42.43	-11.57	54	31.42	31.49	6.22	26.7	375	121	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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)
		10520	46.3	-21.9	68.2	53.25	39.98	9.95	56.88	100	0	P	H
		15780	44.5	-29.5	74	50.22	38.1	12.54	56.36	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	46.74	-21.46	68.2	53.69	39.98	9.95	56.88	100	0	P	V
5260MHz		15780	44.45	-29.55	74	50.17	38.1	12.54	56.36	100	0	P	V
													V
													V
		10600	46.88	-27.12	74	53.81	39.9	9.99	56.82	100	0	P	H
		15900	43.81	-30.19	74	49.76	37.7	12.57	56.22	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	46.95	-27.05	74	53.88	39.9	9.99	56.82	100	0	P	V
5300MHz		15900	43.78	-30.22	74	49.73	37.7	12.57	56.22	100	0	P	V
													V
													V
		10640	48.27	-25.73	74	55.04	40.02	10	56.79	100	0	P	H
		15960	44.7	-29.3	74	50.57	37.7	12.58	56.15	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	48.69	-25.31	74	55.46	40.02	10	56.79	100	0	P	V
5320MHz		15960	43.51	-30.49	74	49.38	37.7	12.58	56.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (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)
802.11n HT40 CH 54 5270MHz		5063.92	51.8	-22.2	74	40.59	31.86	6.06	26.71	100	230	P	H
		5076.16	43.33	-10.67	54	32.08	31.9	6.06	26.71	100	230	A	H
	*	5270	104.37	-	-	93.54	31.4	6.13	26.7	100	230	P	H
	*	5270	96.35	-	-	85.52	31.4	6.13	26.7	100	230	A	H
		5454	50.85	-23.15	74	39.47	31.81	6.26	26.69	100	230	P	H
		5372.64	42.57	-11.43	54	31.56	31.49	6.22	26.7	100	230	A	H
		5014.62	51.68	-22.32	74	40.68	31.66	6.05	26.71	314	58	P	V
		5082.96	43.19	-10.81	54	31.91	31.93	6.06	26.71	314	58	A	V
	*	5270	99.49	-	-	88.66	31.4	6.13	26.7	314	58	P	V
	*	5270	92.07	-	-	81.24	31.4	6.13	26.7	314	58	A	V
		5459.04	51.1	-22.9	74	39.71	31.82	6.26	26.69	314	58	P	V
		5460	42.06	-11.94	54	30.67	31.82	6.26	26.69	314	58	A	V
802.11n HT40 CH 62 5310MHz		5047.94	52.47	-21.53	74	41.34	31.79	6.05	26.71	100	232	P	H
		5115.26	43.49	-10.51	54	32.14	32	6.06	26.71	100	232	A	H
	*	5310	103.03	-	-	92.17	31.4	6.16	26.7	100	232	P	H
	*	5310	95.68	-	-	84.82	31.4	6.16	26.7	100	232	A	H
		5352.48	56.88	-17.12	74	45.97	31.41	6.2	26.7	100	232	P	H
		5351.04	47.81	-6.19	54	36.91	31.4	6.2	26.7	100	232	A	H
		5079.22	51.93	-22.07	74	40.66	31.92	6.06	26.71	400	120	P	V
		5112.2	43.18	-10.82	54	31.83	32	6.06	26.71	400	120	A	V
	*	5310	100.04	-	-	89.18	31.4	6.16	26.7	400	120	P	V
	*	5310	91.52	-	-	80.66	31.4	6.16	26.7	400	120	A	V
		5352	51.65	-22.35	74	40.74	31.41	6.2	26.7	400	120	P	V
		5351.04	42.72	-11.28	54	31.82	31.4	6.2	26.7	400	120	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 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)
		10540	46.46	-21.74	68.2	53.41	39.96	9.96	56.87	100	0	P	H
		15810	43.59	-30.41	74	49.31	38.06	12.55	56.33	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	47.18	-21.02	68.2	54.13	39.96	9.96	56.87	100	0	P	V
5270MHz		15810	43.67	-30.33	74	49.39	38.06	12.55	56.33	100	0	P	V
													V
													V
		10620	47.7	-26.3	74	54.55	39.96	9.99	56.8	100	0	P	H
		15930	43.31	-30.69	74	49.21	37.7	12.58	56.18	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	47.42	-26.58	74	54.27	39.96	9.99	56.8	100	0	P	V
5310MHz		15930	43.82	-30.18	74	49.72	37.7	12.58	56.18	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (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		5447.76	54.84	-19.16	74	43.49	31.79	6.25	26.69	100	246	P	H
		5469.52	55.16	-13.04	68.2	43.75	31.84	6.26	26.69	100	246	P	H
		5447.6	47.05	-6.95	54	35.7	31.79	6.25	26.69	100	246	A	H
	*	5500	108.89	-	-	97.41	31.9	6.27	26.69	100	246	P	H
	*	5500	101.05	-	-	89.57	31.9	6.27	26.69	100	246	A	H
													H
		5447.44	52.22	-21.78	74	40.87	31.79	6.25	26.69	322	58	P	V
		5470	51.57	-16.63	68.2	40.16	31.84	6.26	26.69	322	58	P	V
		5447.6	44.34	-9.66	54	32.99	31.79	6.25	26.69	322	58	A	V
	*	5500	105.7	-	-	94.22	31.9	6.27	26.69	322	58	P	V
	*	5500	97.98	-	-	86.5	31.9	6.27	26.69	322	58	A	V
													V
802.11a CH 116 5580MHz		5451.52	51.17	-22.83	74	39.8	31.8	6.26	26.69	100	251	P	H
		5464.48	50.53	-17.67	68.2	39.13	31.83	6.26	26.69	100	251	P	H
		5442.16	42.4	-11.6	54	31.07	31.77	6.25	26.69	100	251	A	H
	*	5580	109.58	-	-	98.21	31.84	6.29	26.76	100	251	P	H
	*	5580	102.15	-	-	90.78	31.84	6.29	26.76	100	251	A	H
		5751.14	51.45	-16.75	68.2	39.68	32.2	6.48	26.91	100	251	P	H
		5439.76	51.06	-22.94	74	39.74	31.76	6.25	26.69	348	62	P	V
		5460.64	49.22	-18.98	68.2	37.83	31.82	6.26	26.69	348	62	P	V
		5430.16	41.88	-12.12	54	30.6	31.72	6.25	26.69	348	62	A	V
	*	5580	105.72	-	-	94.35	31.84	6.29	26.76	348	62	P	V
	*	5580	98.22	-	-	86.85	31.84	6.29	26.76	348	62	A	V
		5746.73	50.7	-17.5	68.2	38.94	32.19	6.48	26.91	348	62	P	V

802.11a CH 140 5700MHz	*	5700	108.61	-	-	97.06	32	6.42	26.87	100	251	P	H
	*	5700	102.52	-	-	90.97	32	6.42	26.87	100	251	A	H
		5726.84	57.09	-11.11	68.2	45.42	32.11	6.45	26.89	100	251	P	H
													H
													H
													H
	*	5700	105.97	-	-	94.42	32	6.42	26.87	332	13	P	V
	*	5700	98.28	-	-	86.73	32	6.42	26.87	332	13	A	V
		5725.8	53.53	-14.67	68.2	41.87	32.1	6.45	26.89	332	13	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	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 100 5500MHz		11000	48.42	-25.58	74	54.27	40.5	10.15	56.5	100	0	P	H
		16500	50.67	-17.53	68.2	54.2	39.4	12.77	55.7	100	0	P	H
													H
													H
		11000	47.53	-26.47	74	53.38	40.5	10.15	56.5	100	0	P	V
		16500	45.73	-22.47	68.2	49.26	39.4	12.77	55.7	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	48.64	-25.36	74	54.91	39.92	10.25	56.44	100	0	P	H
		16740	45.64	-22.56	68.2	48.58	40.1	12.85	55.89	100	0	P	H
													H
													H
		11160	47.93	-26.07	74	54.2	39.92	10.25	56.44	100	0	P	V
		16740	45.49	-22.71	68.2	48.43	40.1	12.85	55.89	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	46.66	-27.34	74	52.71	39.9	10.39	56.34	100	0	P	H
		17100	47.63	-20.57	68.2	51.02	39.9	13.01	56.3	100	0	P	H
													H
													H
		11400	48.3	-25.7	74	54.35	39.9	10.39	56.34	100	0	P	V
		17100	47.25	-20.95	68.2	50.64	39.9	13.01	56.3	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (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)
		5448.72	53.24	-20.76	74	41.89	31.79	6.25	26.69	100	241	P	H
		5467.28	52.35	-15.85	68.2	40.95	31.83	6.26	26.69	100	241	P	H
		5448.4	46.38	-7.62	54	35.03	31.79	6.25	26.69	100	241	A	H
	*	5500	106.59	-	-	95.11	31.9	6.27	26.69	100	241	P	H
802.11n	*	5500	99.47	-	-	87.99	31.9	6.27	26.69	100	241	A	H
HT20													H
CH 100		5448.08	51.22	-22.78	74	39.87	31.79	6.25	26.69	319	59	P	V
5500MHz		5464.56	51.12	-17.08	68.2	39.72	31.83	6.26	26.69	319	59	P	V
		5448.4	43.86	-10.14	54	32.51	31.79	6.25	26.69	319	59	A	V
	*	5500	103.75	-	-	92.27	31.9	6.27	26.69	319	59	P	V
	*	5500	96.49	-	-	85.01	31.9	6.27	26.69	319	59	A	V
													V
		5435.92	50.25	-23.75	74	38.95	31.74	6.25	26.69	100	247	P	H
		5463.76	49.88	-18.32	68.2	38.48	31.83	6.26	26.69	100	247	P	H
		5437.6	42.07	-11.93	54	30.76	31.75	6.25	26.69	100	247	A	H
	*	5580	108.74	-	-	97.37	31.84	6.29	26.76	100	247	P	H
802.11n	*	5580	100.71	-	-	89.34	31.84	6.29	26.76	100	247	A	H
HT20		5731.925	51.58	-16.62	68.2	39.88	32.13	6.46	26.89	100	247	P	H
CH 116		5355.52	50.27	-23.73	74	39.35	31.42	6.2	26.7	311	59	P	V
5580MHz		5464.48	50.01	-18.19	68.2	38.61	31.83	6.26	26.69	311	59	P	V
		5456.56	41.89	-12.11	54	30.51	31.81	6.26	26.69	311	59	A	V
	*	5580	104.68	-	-	93.31	31.84	6.29	26.76	311	59	P	V
	*	5580	97.23	-	-	85.86	31.84	6.29	26.76	311	59	A	V
		5729.72	50.86	-17.34	68.2	39.17	32.12	6.46	26.89	311	59	P	V

	*	5700	107.58	-	-	96.03	32	6.42	26.87	100	250	P	H
	*	5700	100.17	-	-	88.62	32	6.42	26.87	100	250	A	H
		5727.64	55.02	-13.18	68.2	43.35	32.11	6.45	26.89	100	250	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	104.43	-	-	92.88	32	6.42	26.87	298	12	P	V
5700MHz	*	5700	96.77	-	-	85.22	32	6.42	26.87	298	12	A	V
		5754.12	52.18	-16.02	68.2	40.4	32.21	6.48	26.91	298	12	P	V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 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)
		11000	47.8	-26.2	74	53.65	40.5	10.15	56.5	100	0	P	H
		16500	45.37	-22.83	68.2	48.9	39.4	12.77	55.7	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	47.34	-26.66	74	53.19	40.5	10.15	56.5	100	0	P	V
5500MHz		16500	44.69	-23.51	68.2	48.22	39.4	12.77	55.7	100	0	P	V
													V
													V
		11160	48.58	-25.42	74	54.85	39.92	10.25	56.44	100	0	P	H
		16740	46.3	-21.9	68.2	49.24	40.1	12.85	55.89	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	48.57	-25.43	74	54.84	39.92	10.25	56.44	100	0	P	V
5580MHz		16740	45.37	-22.83	68.2	48.31	40.1	12.85	55.89	100	0	P	V
													V
													V
		11400	47.72	-26.28	74	53.77	39.9	10.39	56.34	100	0	P	H
		17100	46.51	-21.69	68.2	49.9	39.9	13.01	56.3	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	48.56	-25.44	74	54.61	39.9	10.39	56.34	100	0	P	V
5700MHz		17100	46.16	-22.04	68.2	49.55	39.9	13.01	56.3	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (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)
		5454.88	53.6	-20.4	74	42.22	31.81	6.26	26.69	100	244	P	H
		5469.04	58.61	-9.59	68.2	47.2	31.84	6.26	26.69	100	244	P	H
		5459.44	43.68	-10.32	54	32.29	31.82	6.26	26.69	100	244	A	H
	*	5510	104.16	-	-	92.69	31.9	6.27	26.7	100	244	P	H
802.11n	*	5510	96.21	-	-	84.74	31.9	6.27	26.7	100	244	A	H
HT40		5747.045	52.34	-15.86	68.2	40.58	32.19	6.48	26.91	100	244	P	H
CH 102		5404	50.75	-23.25	74	39.58	31.62	6.24	26.69	338	61	P	V
5510MHz		5468.56	54.5	-13.7	68.2	43.09	31.84	6.26	26.69	338	61	P	V
		5458.96	42.4	-11.6	54	31.01	31.82	6.26	26.69	338	61	A	V
	*	5510	101.38	-	-	89.91	31.9	6.27	26.7	338	61	P	V
	*	5510	93.06	-	-	81.59	31.9	6.27	26.7	338	61	A	V
		5744.21	51.76	-16.44	68.2	40.01	32.18	6.47	26.9	338	61	P	V
		5447.92	50.75	-23.25	74	39.4	31.79	6.25	26.69	100	245	P	H
		5464.24	51.55	-16.65	68.2	40.15	31.83	6.26	26.69	100	245	P	H
		5446.48	43.46	-10.54	54	32.11	31.79	6.25	26.69	100	245	A	H
	*	5550	104.34	-	-	92.89	31.9	6.28	26.73	100	245	P	H
802.11n	*	5550	96.77	-	-	85.32	31.9	6.28	26.73	100	245	A	H
HT40		5763.74	51.31	-16.89	68.2	39.5	32.23	6.5	26.92	100	245	P	H
CH 110		5458.96	50.98	-23.02	74	39.59	31.82	6.26	26.69	315	58	P	V
5550MHz		5469.52	49.58	-18.62	68.2	38.17	31.84	6.26	26.69	315	58	P	V
		5447.44	42.37	-11.63	54	31.02	31.79	6.25	26.69	315	58	A	V
	*	5550	101.1	-	-	89.65	31.9	6.28	26.73	315	58	P	V
	*	5550	93.42	-	-	81.97	31.9	6.28	26.73	315	58	A	V
		5760.59	50.96	-17.24	68.2	39.17	32.22	6.49	26.92	315	58	P	V

		5409.15	49.52	-24.48	74	38.33	31.64	6.24	26.69	100	248	P	H
		5466.2	50.07	-18.13	68.2	38.67	31.83	6.26	26.69	100	248	P	H
		5443.1	41.96	-12.04	54	30.63	31.77	6.25	26.69	100	248	A	H
	*	5670	104.64	-	-	93.22	31.88	6.38	26.84	100	248	P	H
802.11n	*	5670	96.77	-	-	85.35	31.88	6.38	26.84	100	248	A	H
HT40		5728.775	51.95	-16.25	68.2	40.27	32.12	6.45	26.89	100	248	P	H
CH 134		5358.05	50.3	-23.7	74	39.37	31.43	6.2	26.7	338	60	P	V
5670MHz		5466.2	49.69	-18.51	68.2	38.29	31.83	6.26	26.69	338	60	P	V
		5456.4	41.74	-12.26	54	30.36	31.81	6.26	26.69	338	60	A	V
	*	5670	99.41	-	-	87.99	31.88	6.38	26.84	338	60	P	V
	*	5670	92.28	-	-	80.86	31.88	6.38	26.84	338	60	A	V
		5740.43	50.93	-17.27	68.2	39.2	32.16	6.47	26.9	338	60	P	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 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)
		11020	47.75	-26.25	74	53.66	40.42	10.16	56.49	100	0	P	H
		16530	43.93	-24.27	68.2	47.44	39.43	12.78	55.72	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	48.04	-25.96	74	53.95	40.42	10.16	56.49	100	0	P	V
5510MHz		16530	44.43	-23.77	68.2	47.94	39.43	12.78	55.72	100	0	P	V
													V
													V
		11100	47.37	-26.63	74	53.52	40.1	10.21	56.46	100	0	P	H
		16650	45.05	-23.15	68.2	48.35	39.7	12.82	55.82	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	47.39	-26.61	74	53.54	40.1	10.21	56.46	100	0	P	V
5550MHz		16650	46.28	-21.92	68.2	49.58	39.7	12.82	55.82	100	0	P	V
													V
													V
		11340	47.23	-26.77	74	53.4	39.84	10.35	56.36	100	0	P	H
		17010	46.33	-21.87	68.2	49.51	39.99	12.95	56.12	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	46.8	-27.2	74	52.97	39.84	10.35	56.36	100	0	P	V
5670MHz		17010	46.43	-21.77	68.2	49.61	39.99	12.95	56.12	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Emission above 18GHz

5GHz WIFI 802.11a (SHF)

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)
5GHz 802.11a SHF		33312	44.02	-24.18	68.2	39.62	40.84	17.78	54.22	150	0	P	H
		38020	47.52	-20.68	68.2	40.39	43.14	19.99	56	150	0	P	H
													H
													H
		33620	44.29	-23.91	68.2	39.75	41.08	17.9	54.44	150	0	P	V
		38108	47.07	-21.13	68.2	39.91	43.29	19.85	55.98	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz

WIFI 802.11a (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)
		32.91	22.94	-17.06	40	31.53	23.15	0.48	32.24	-	-	Peak	H
		120.21	24.23	-19.27	43.5	38.31	17.1	0.9	32.15	-	-	Peak	H
		870.02	31.55	-14.45	46	32.02	28.7	2.4	31.73	-	-	Peak	H
		904.94	32.44	-13.56	46	32.53	28.8	2.51	31.57	-	-	Peak	H
		950.53	33.59	-12.41	46	31.38	30.51	2.48	30.99	100	0	Peak	H
		983.51	34.34	-19.66	54	31.9	30.23	2.55	30.58	-	-	Peak	H
													H
													H
													H
													H
													H
802.11a													H
LF		42.61	32.56	-7.44	40	46.25	18.03	0.53	32.28	100	0	Peak	V
		125.06	21.63	-21.87	43.5	35.61	17.2	0.91	32.16	-	-	Peak	V
		919.49	32.14	-13.86	46	31.64	29.19	2.5	31.38	-	-	Peak	V
		936.95	33.11	-12.89	46	31.76	29.82	2.49	31.16	-	-	Peak	V
		949.56	33.42	-12.58	46	31.27	30.47	2.48	31.01	-	-	Peak	V
		990.3	34.21	-19.79	54	31.8	30.09	2.57	30.49	-	-	Peak	V
													V
													V
													V
													V
													V
													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	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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 CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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

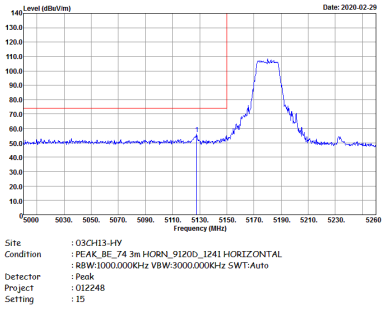
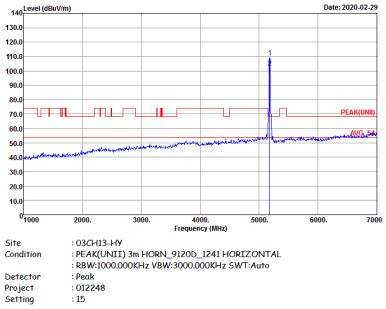
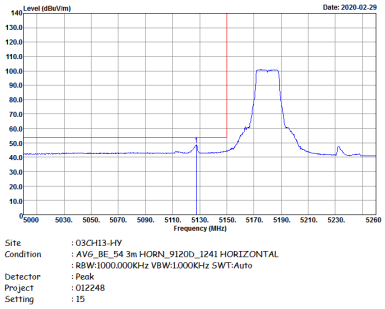
Test Engineer :	Jimmy Chung, Karl Hou, Wilson Wu, and Chuan Wei	**Temperature :**	17.9~19.6°C
		Relative Humidity :	55.3~62.4%

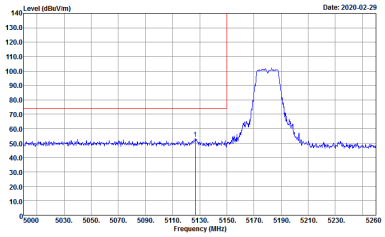
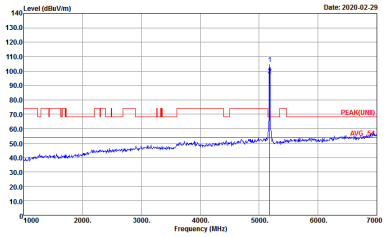
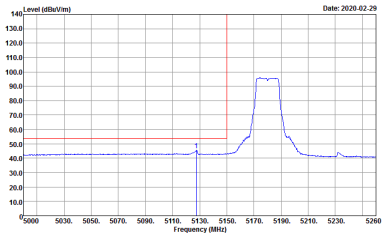
Note symbol

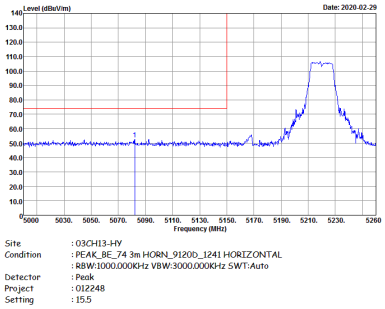
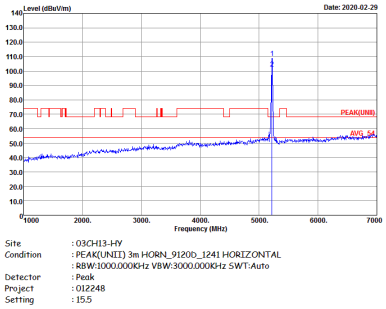
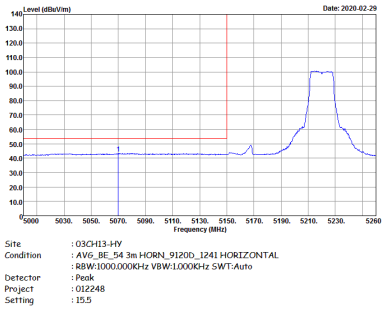
-L	**Low channel location**
-R	**High channel location**

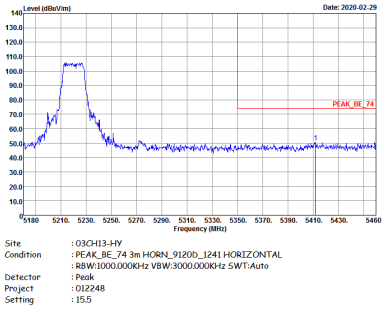
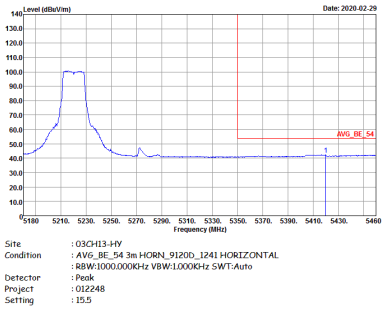
Band 1 - 5150~5250MHz

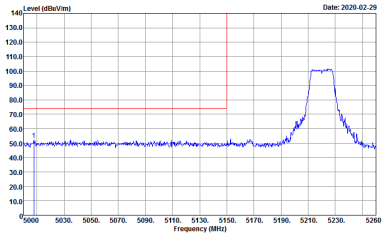
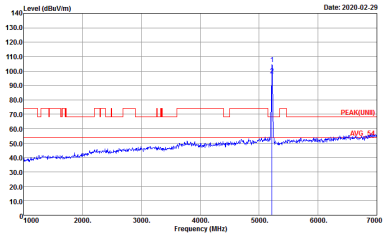
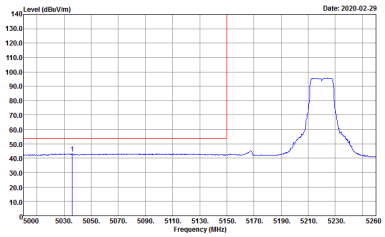
WIFI 802.11a (Band Edge @ 3m)

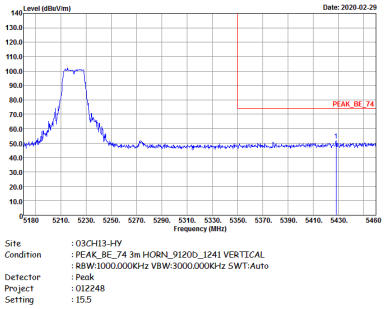
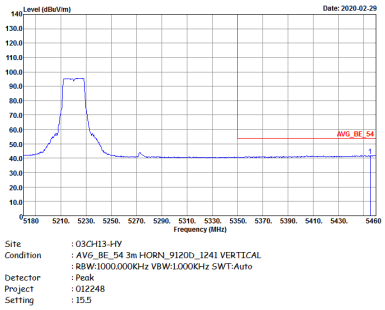
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

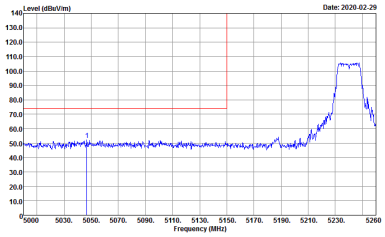
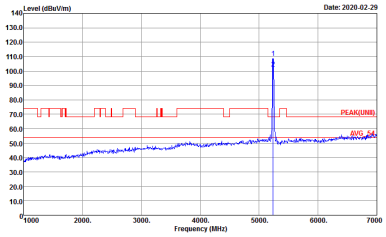
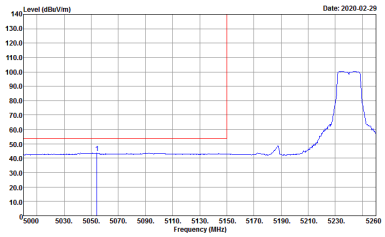
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	Left blank

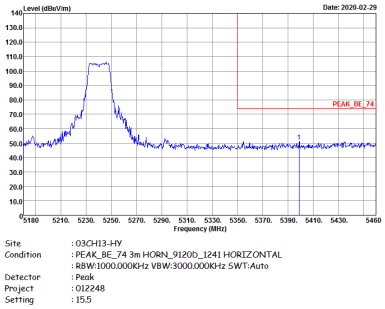
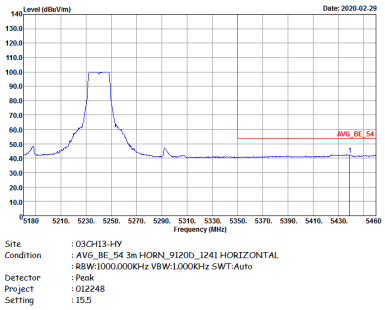
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

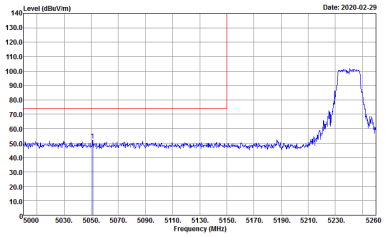
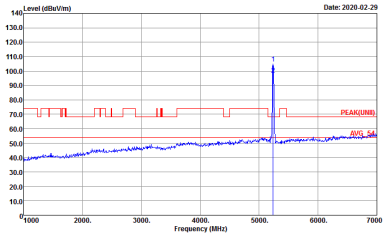
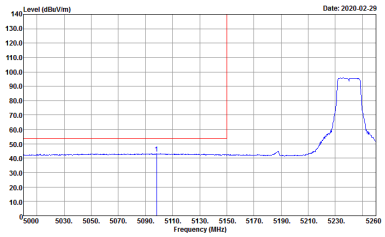
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

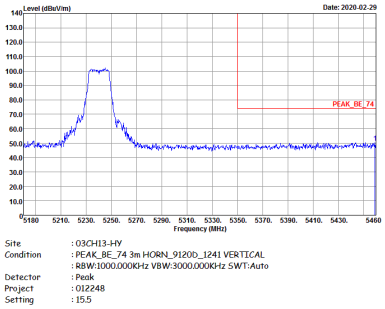
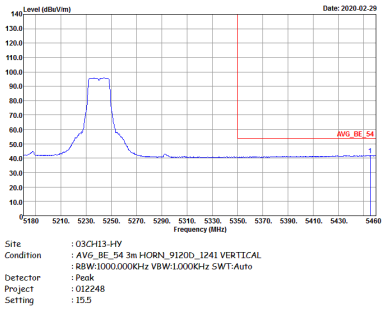
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

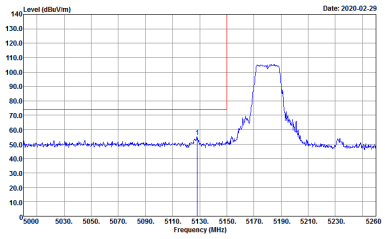
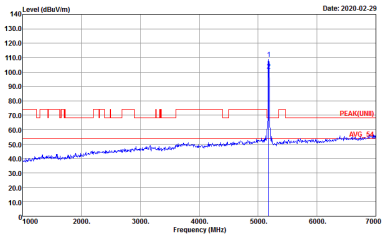
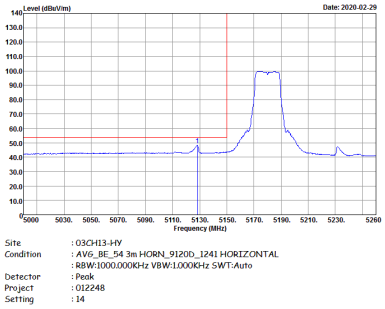
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	Left blank

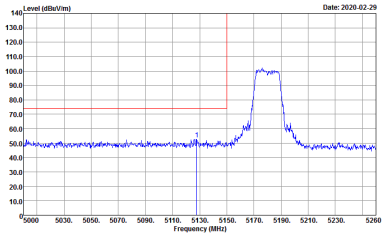
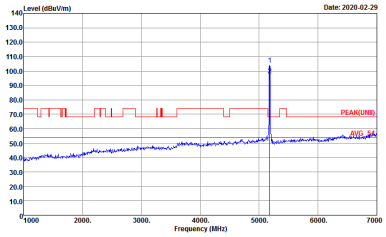
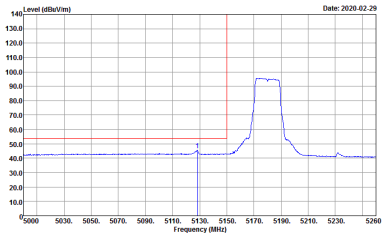
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	Left blank

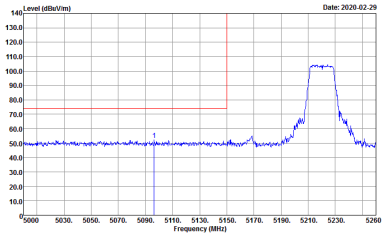
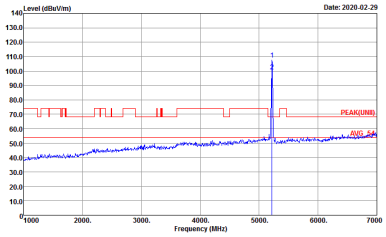
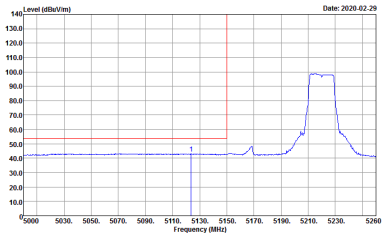
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	Left blank

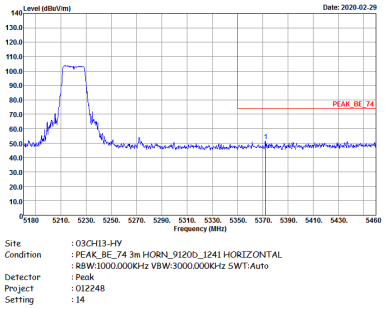
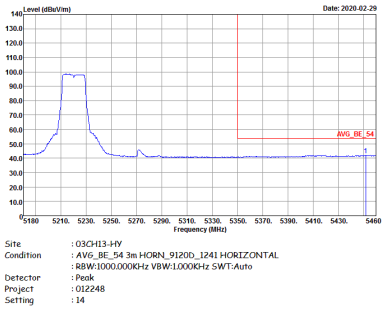
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

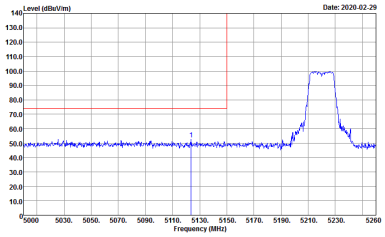
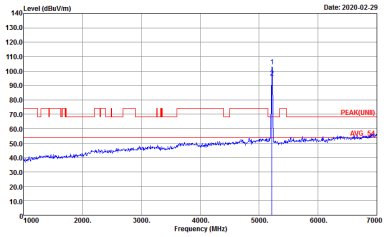
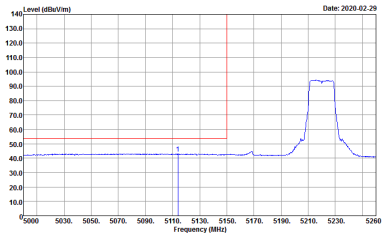
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

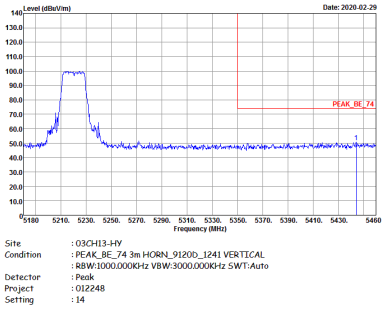
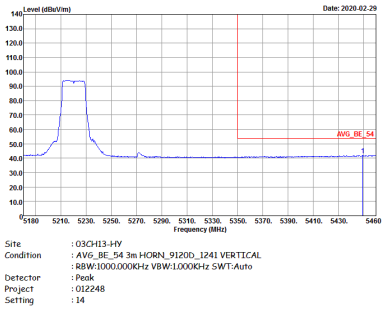
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

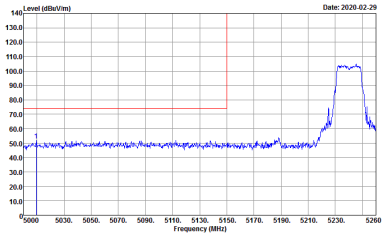
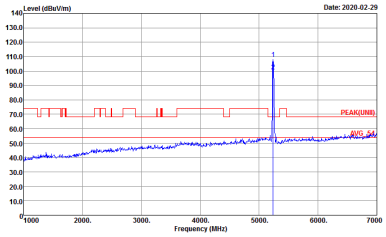
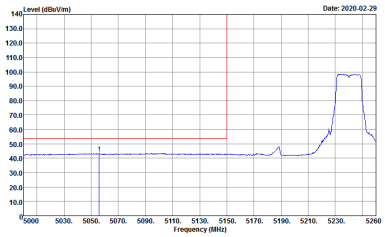
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	Left blank

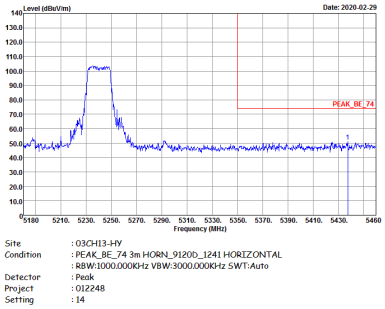
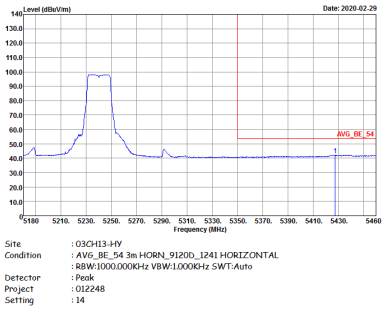
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	Left blank

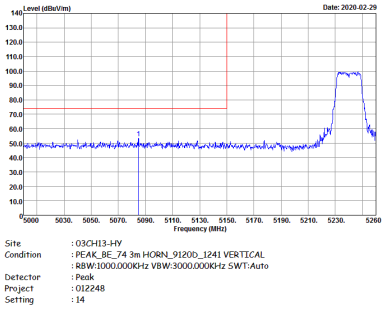
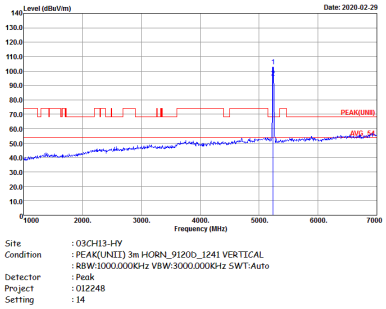
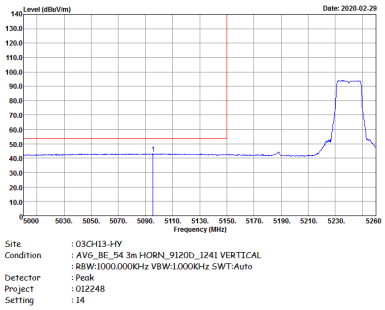
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

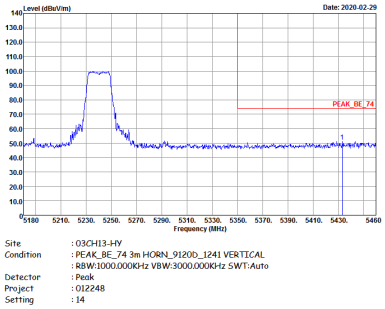
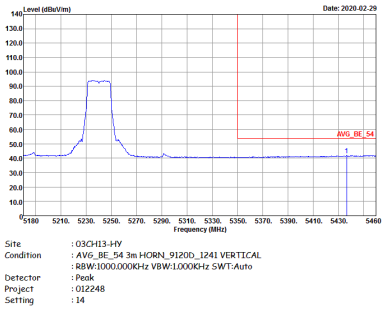
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

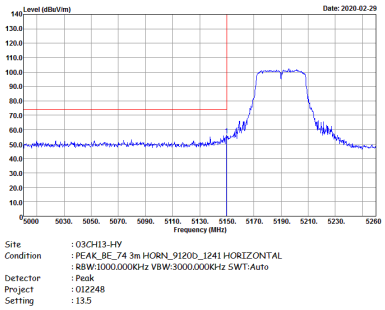
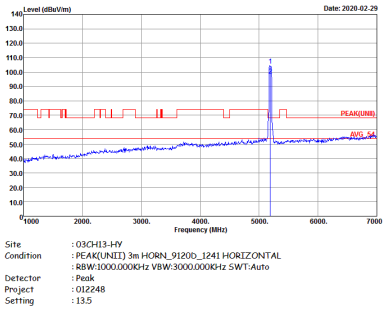
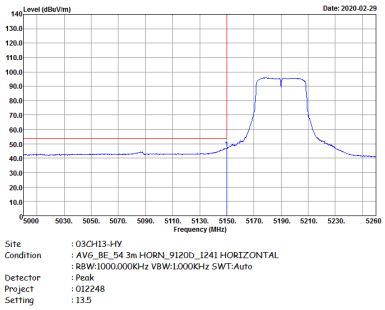
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	Left blank

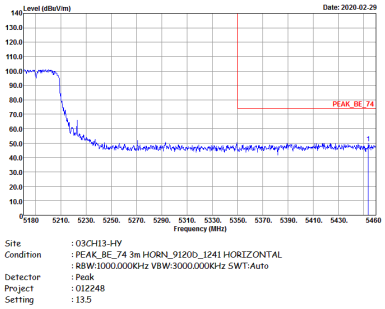
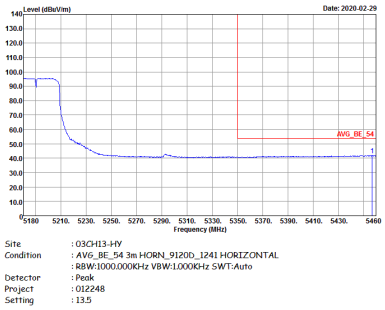
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

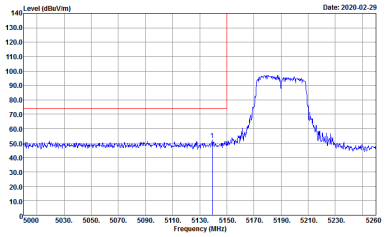
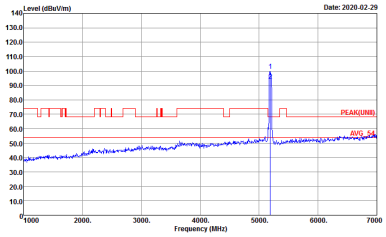
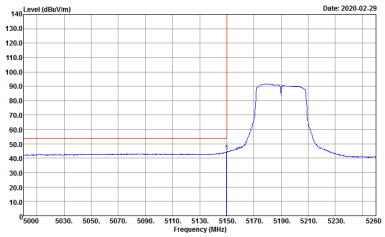
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

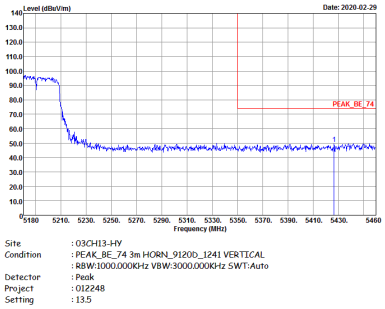
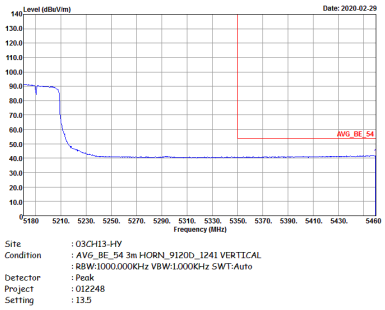
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

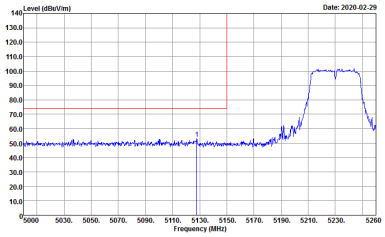
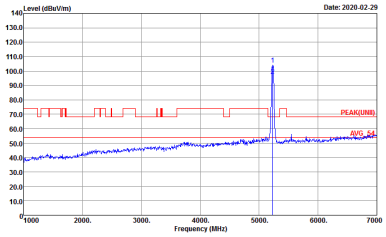
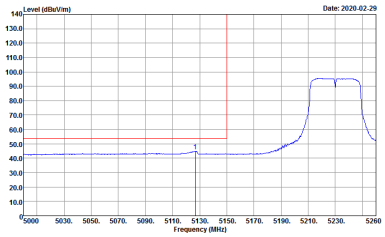
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

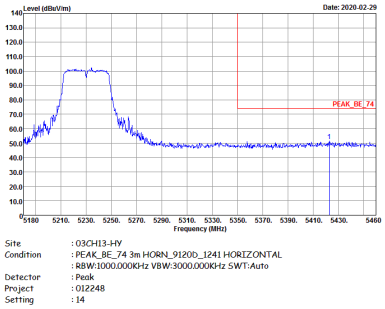
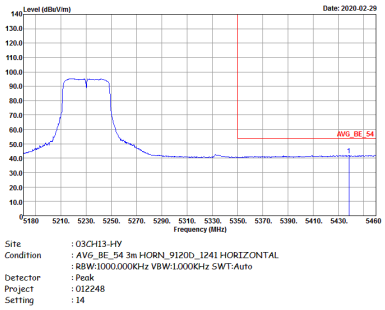
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

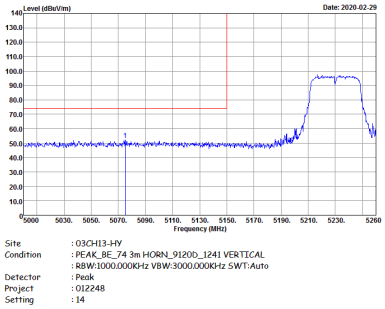
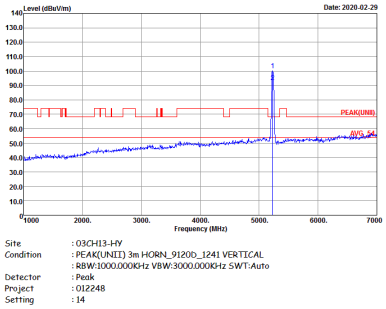
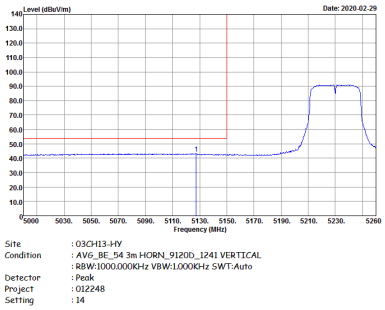
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

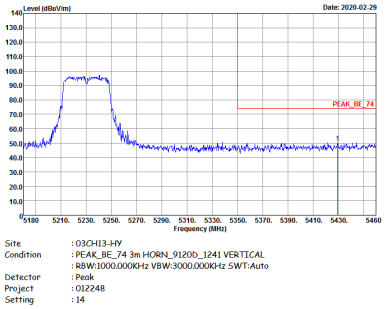
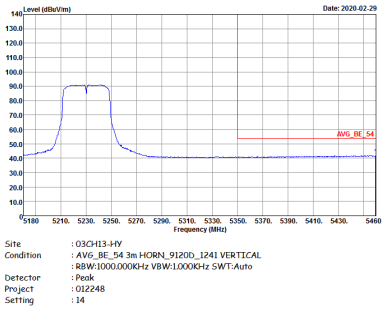
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 13.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 13.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 13.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 14	Left blank

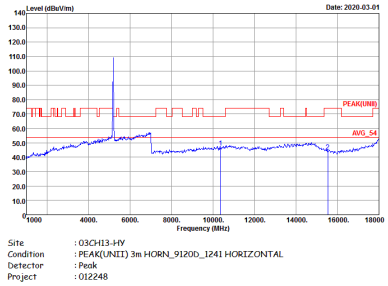
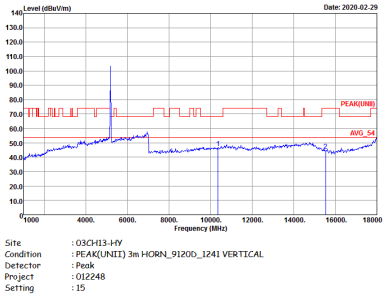
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

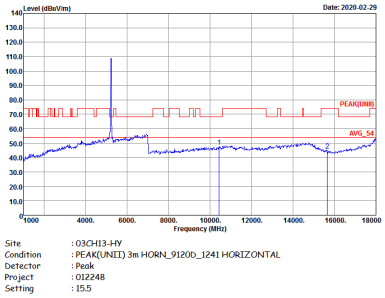
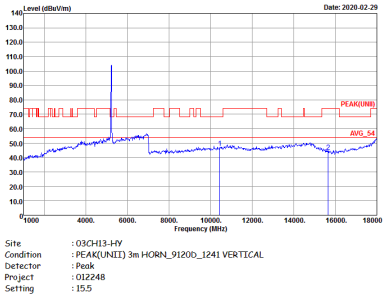
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

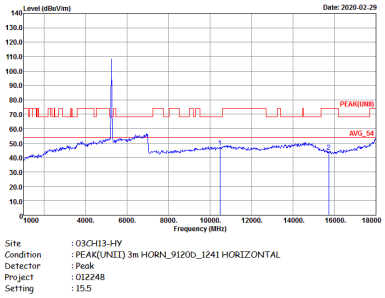
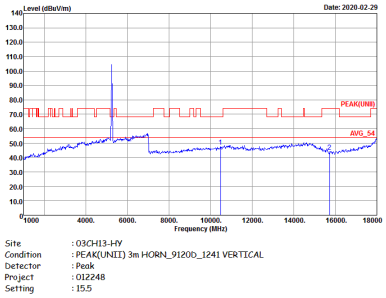
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

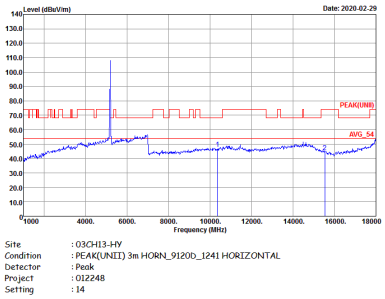
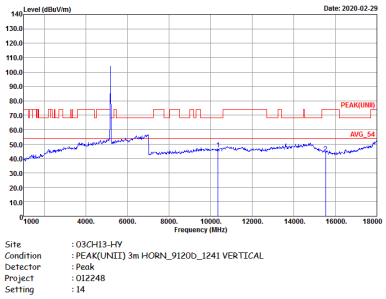
WIFI 802.11a (Harmonic @ 3m)

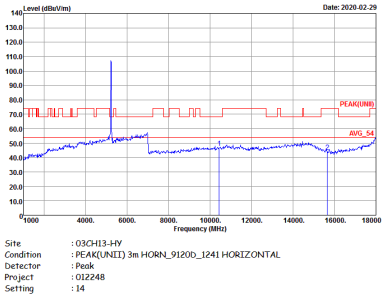
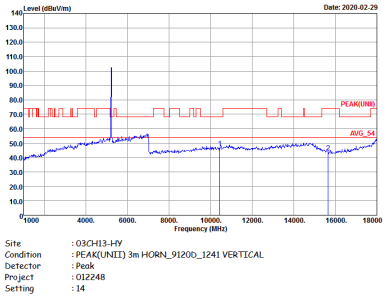
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

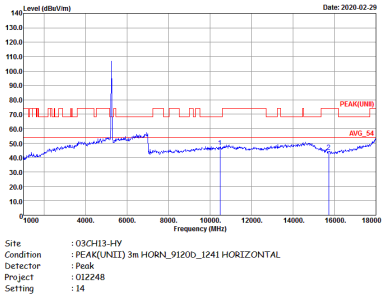
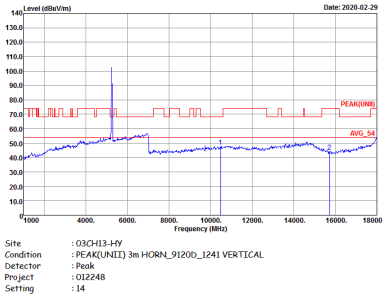
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : 012248 Setting : 15.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : 012248 Setting : 15.5

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

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

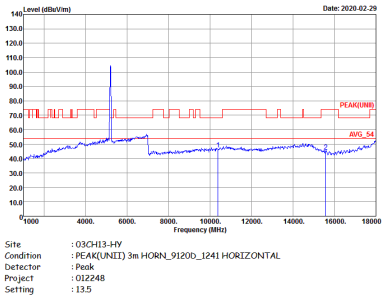
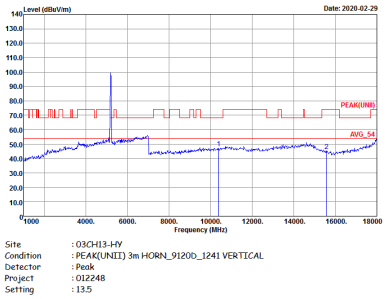
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

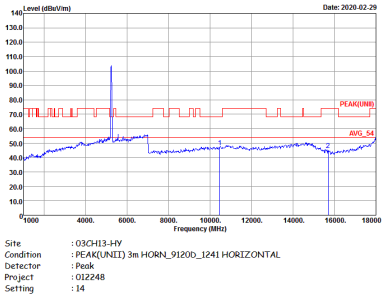
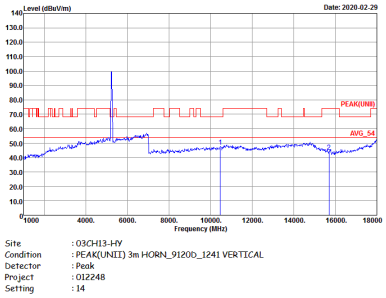
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

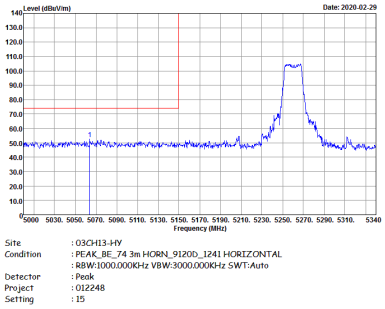
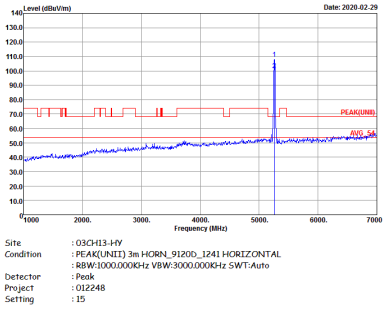
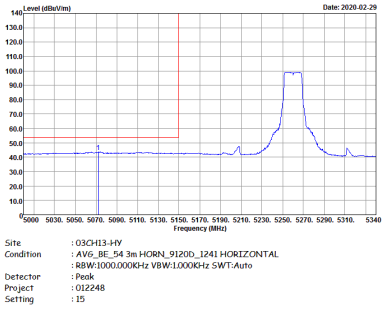
WIFI 802.11n HT40 (Harmonic @ 3m)

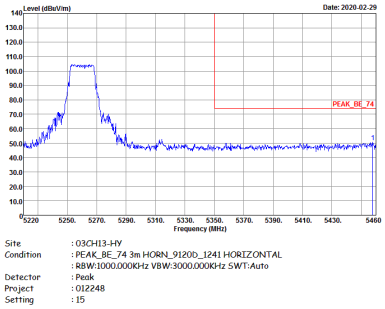
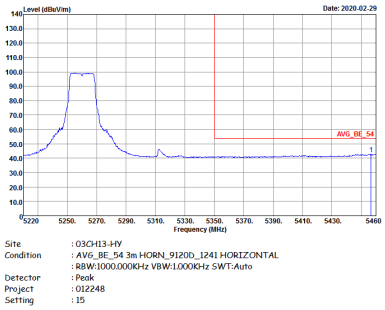
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

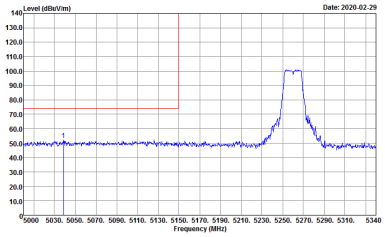
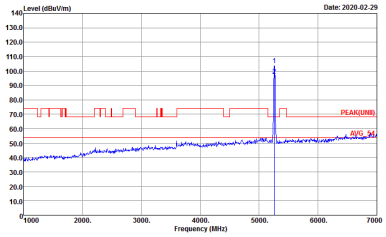
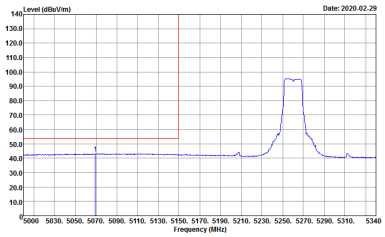
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.		

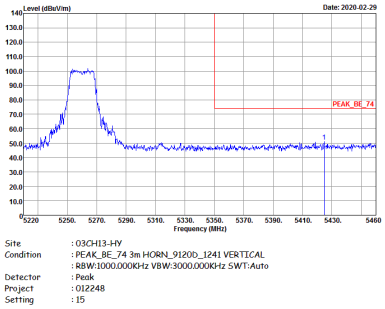
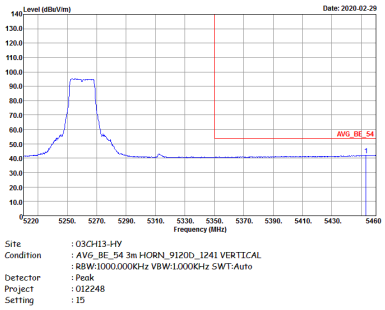
Band 2 - 5250~5350MHz

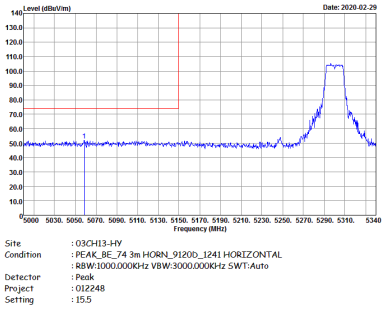
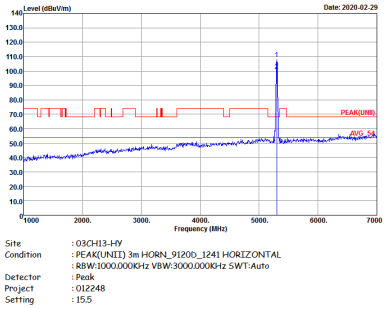
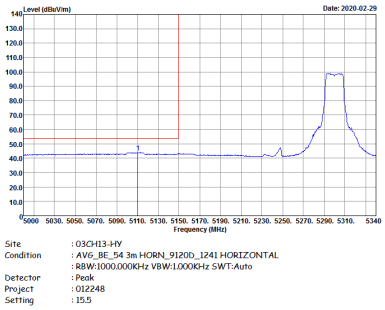
WIFI 802.11a (Band Edge @ 3m)

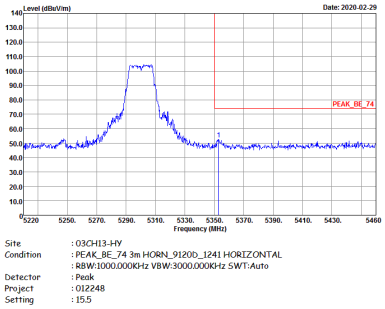
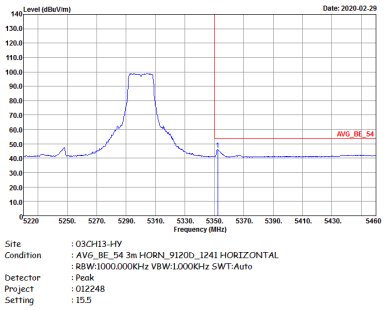
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

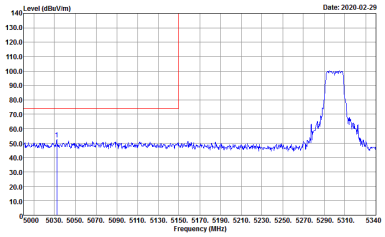
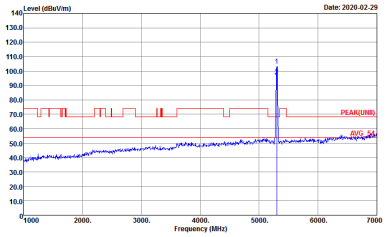
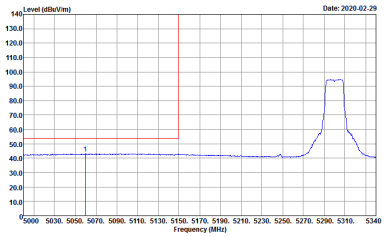
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

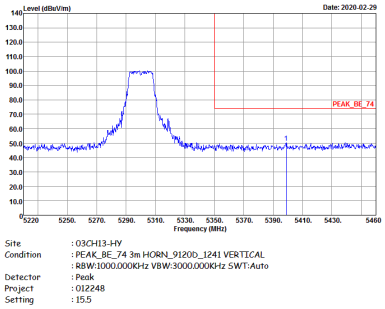
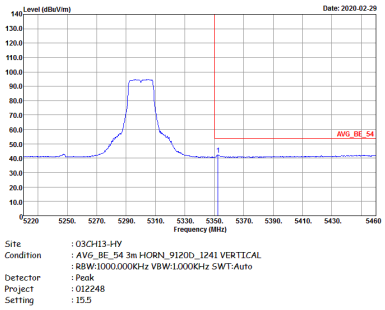
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	Left blank

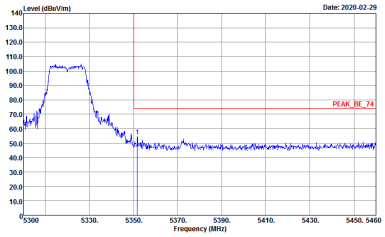
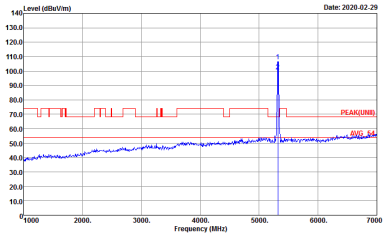
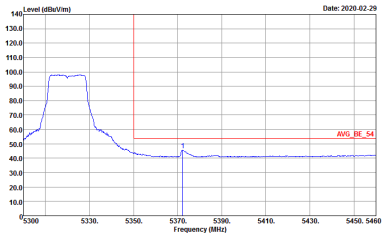
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

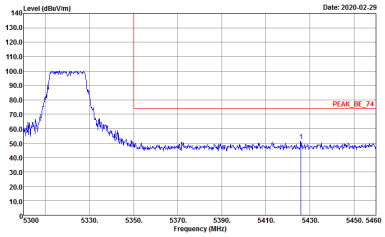
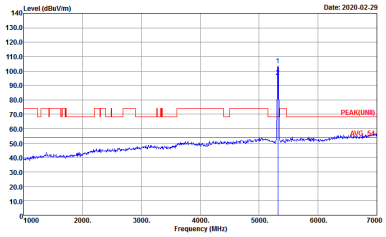
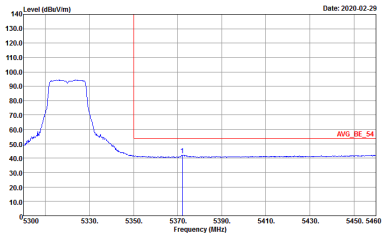
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

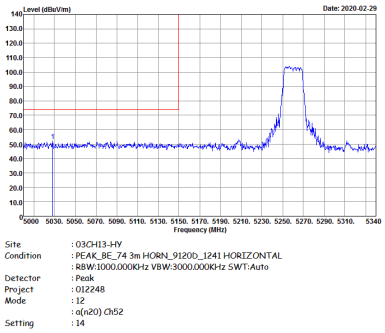
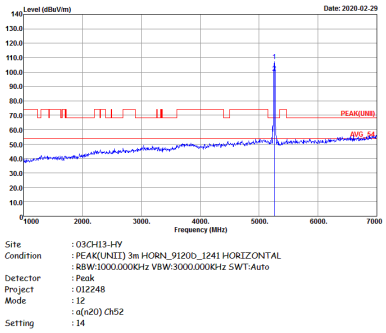
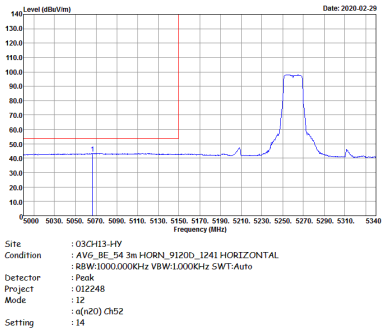
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15.5	Left blank

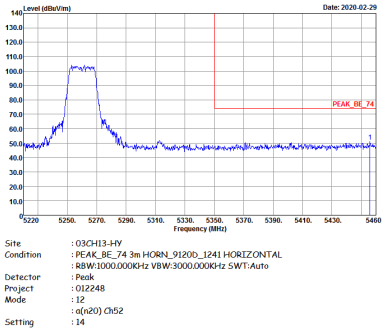
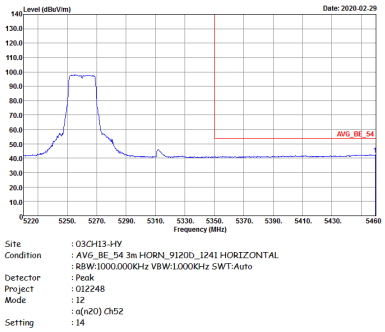
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

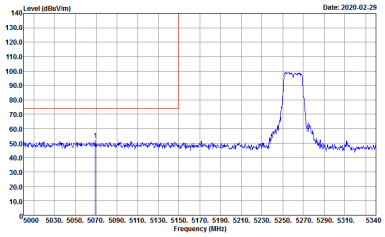
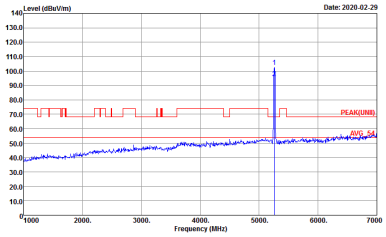
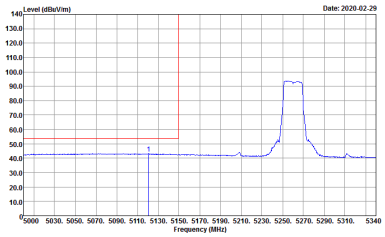
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	Left blank

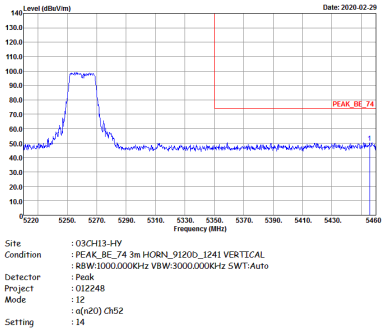
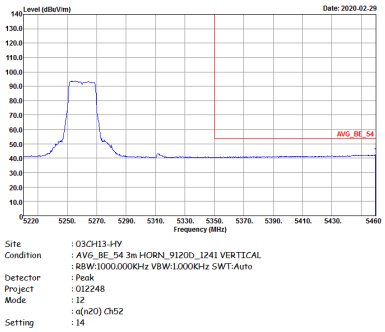
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Setting : 15	Left blank

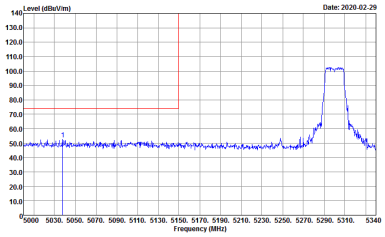
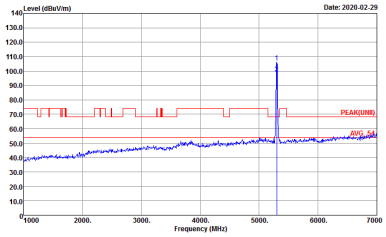
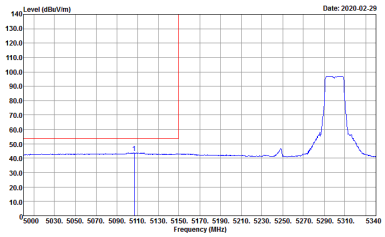
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

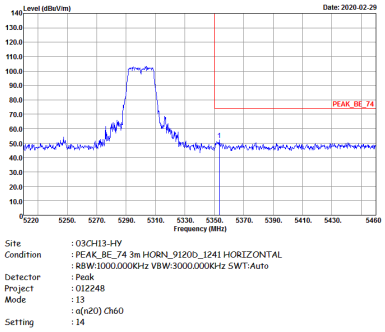
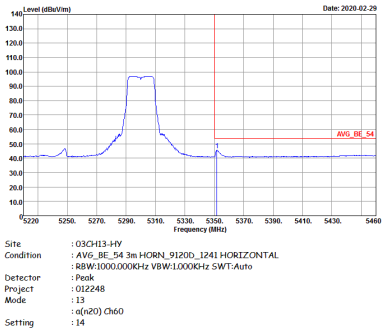
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

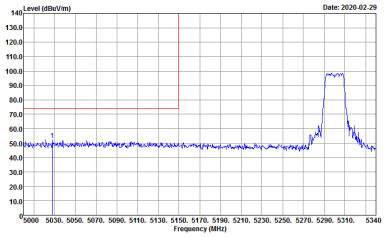
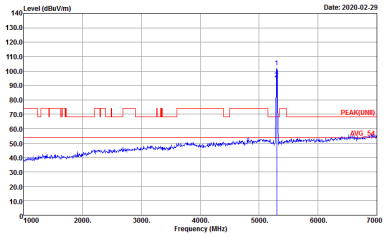
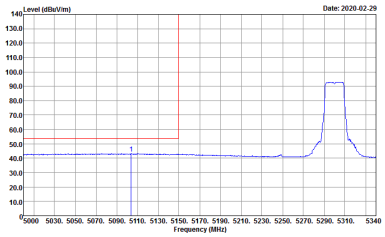
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 12 : a(n20) Ch52 Setting : 14	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 12 : a(n20) Ch52 Setting : 14	Left blank

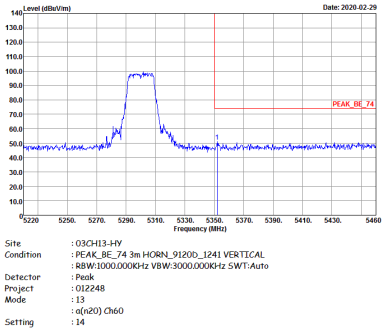
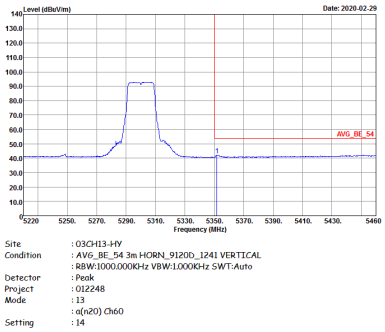
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 12 : a(n20) Ch52 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 12 : a(n20) Ch52 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 12 : a(n20) Ch52 Setting : 14	Left blank

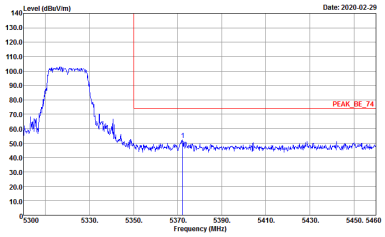
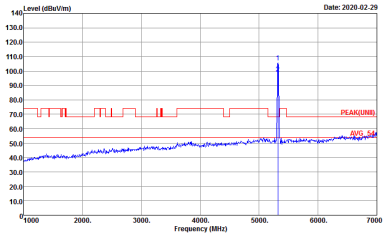
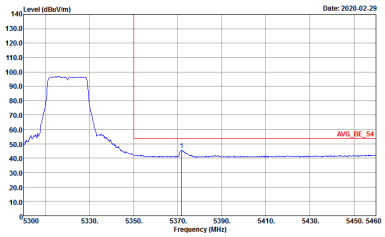
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

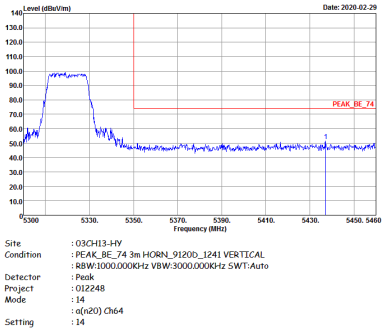
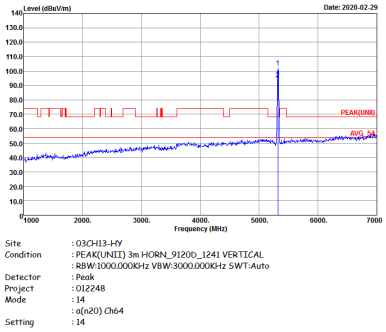
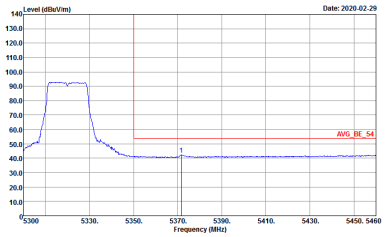
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14	Left blank

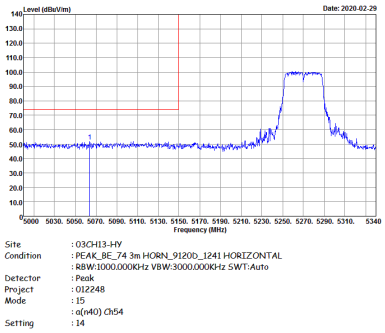
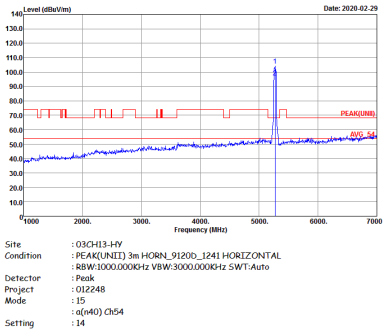
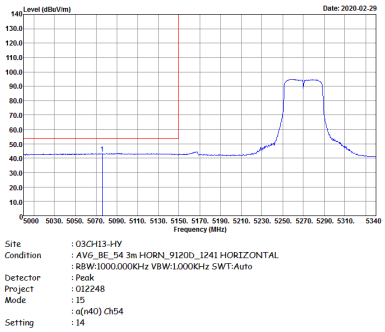
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14	Left blank

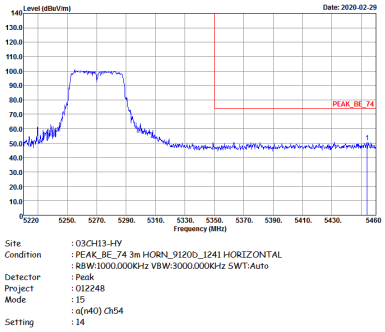
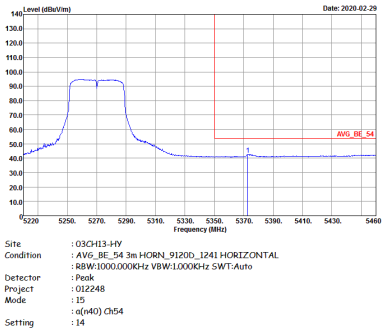
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

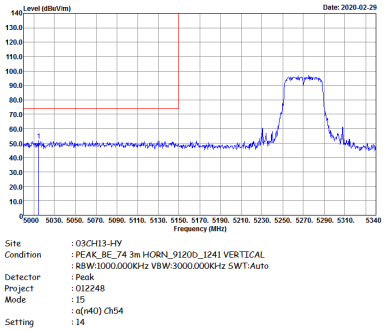
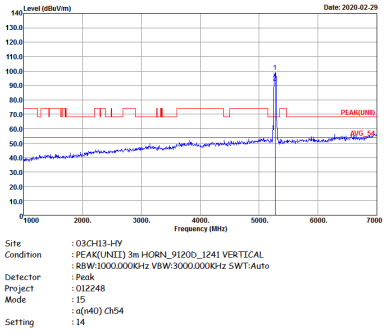
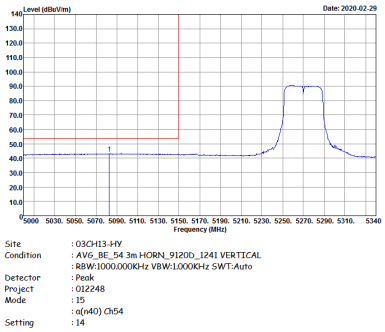
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14	Left blank

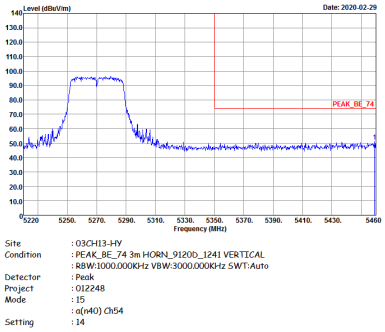
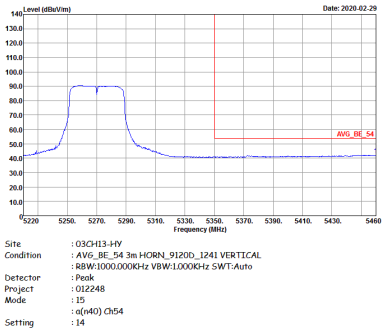
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14	Left blank

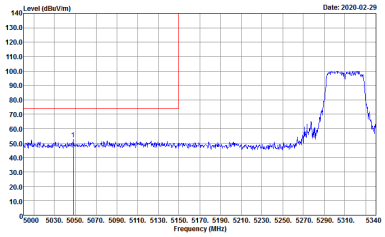
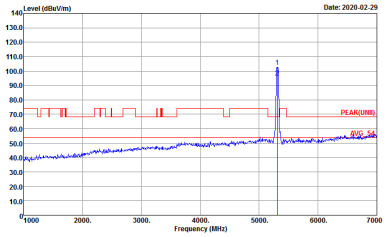
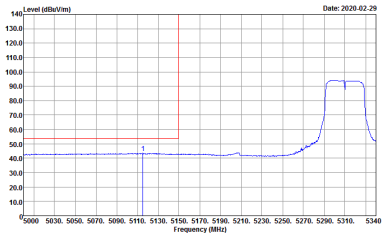
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

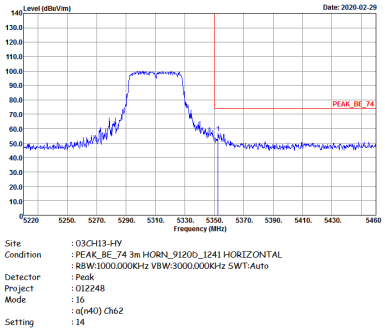
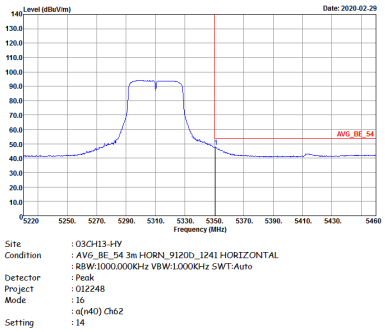
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

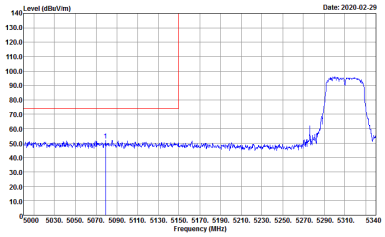
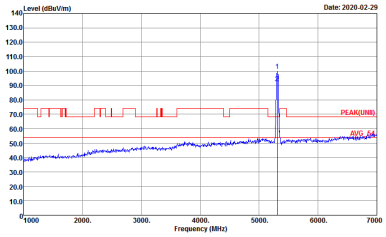
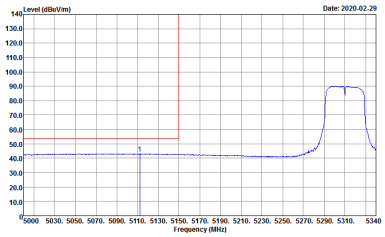
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 15 : a(n40) Ch54 Setting : 14	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 15 : a(n40) Ch54 Setting : 14	Left blank

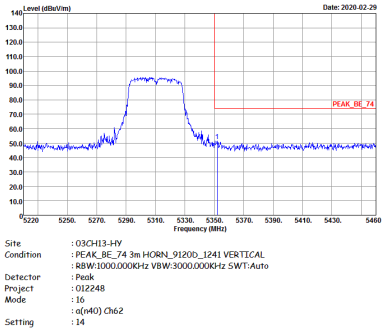
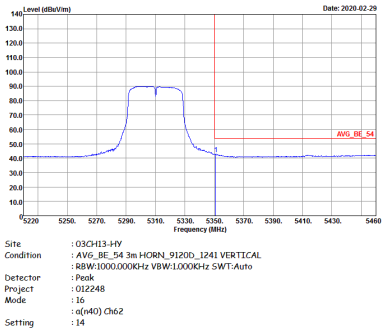
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14	Left blank

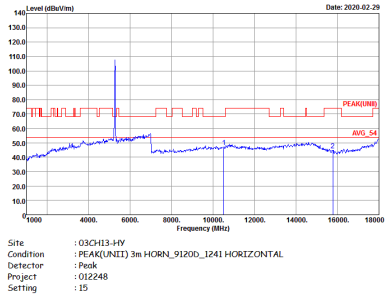
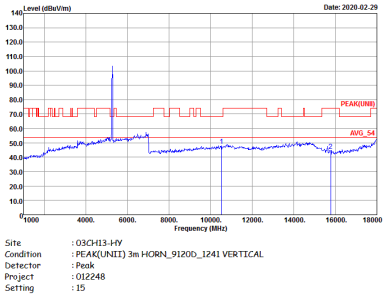
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

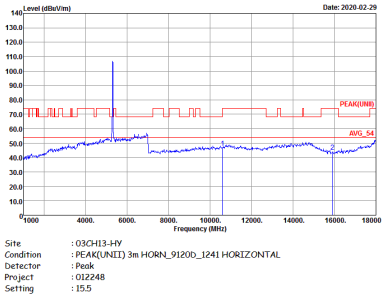
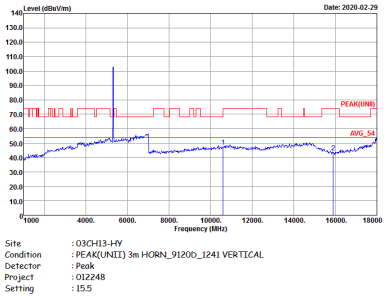
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14	Left blank

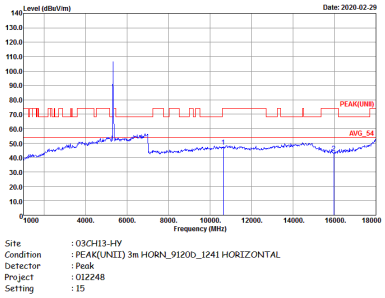
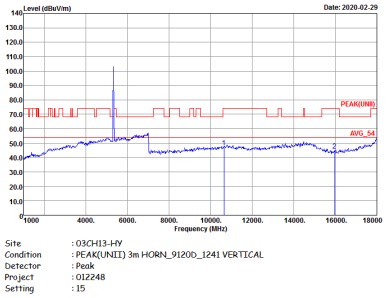
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

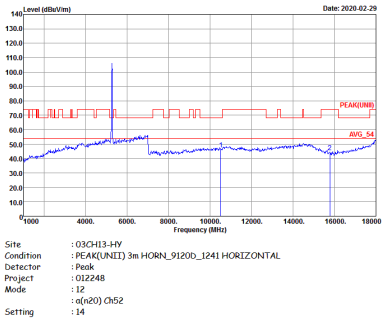
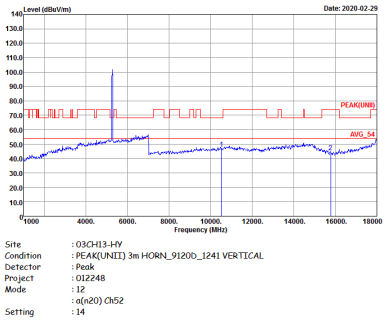
WIFI 802.11a (Harmonic @ 3m)

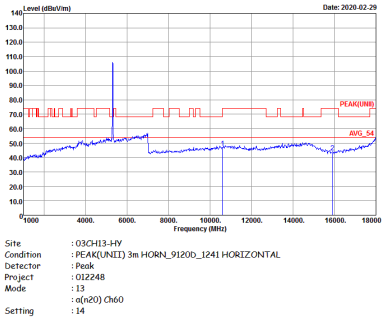
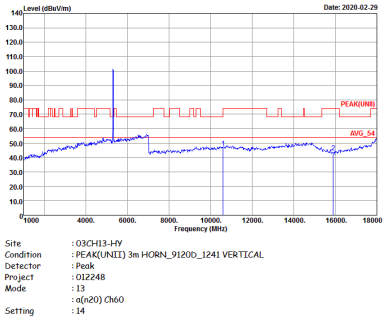
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

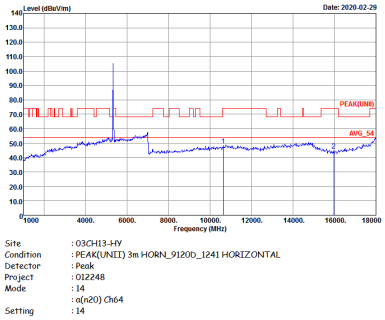
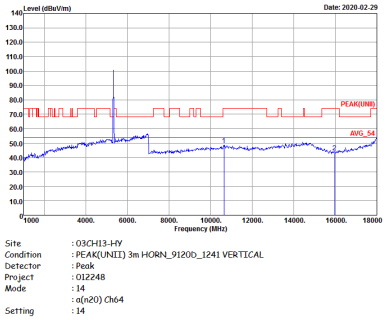
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.		

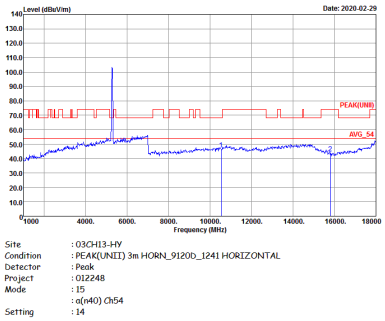
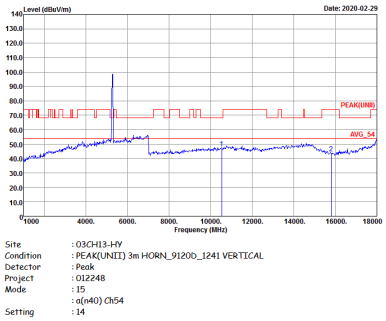
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

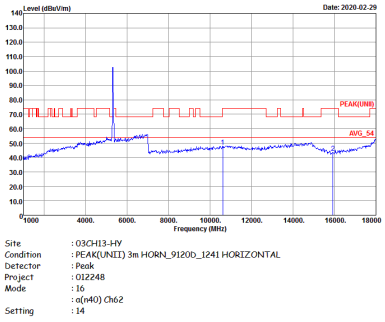
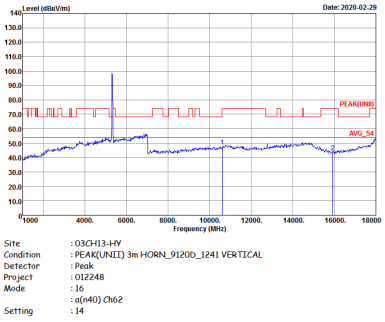
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : 012248 Mode : 13 : a(n20) Ch60 Setting : 14

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : 012248 Mode : 14 : a(n20) Ch64 Setting : 14

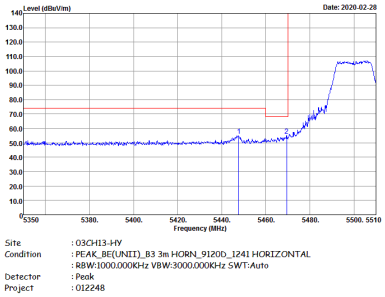
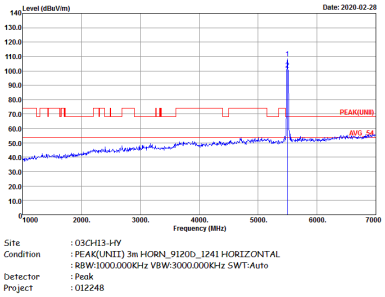
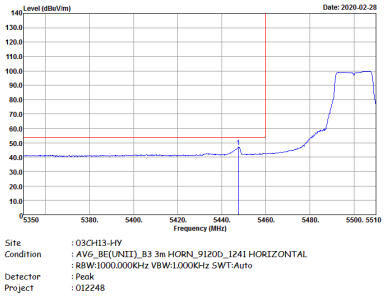
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

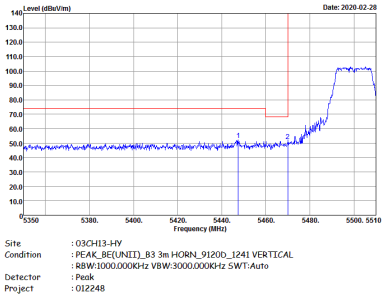
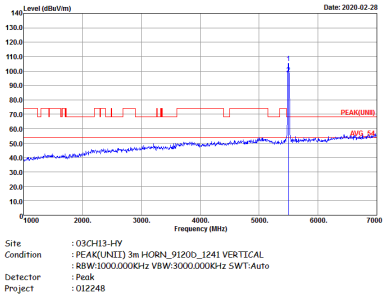
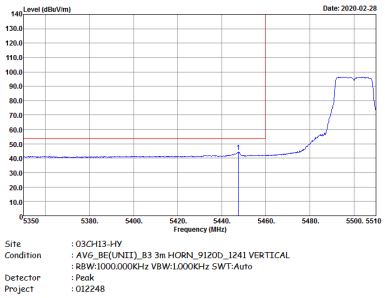
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.		

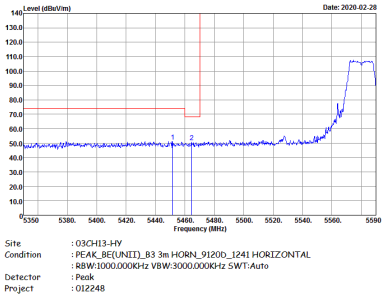
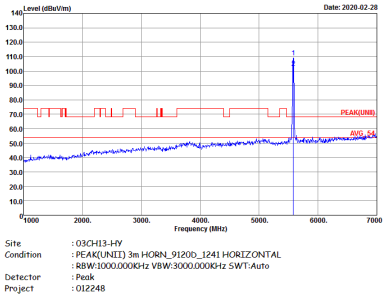
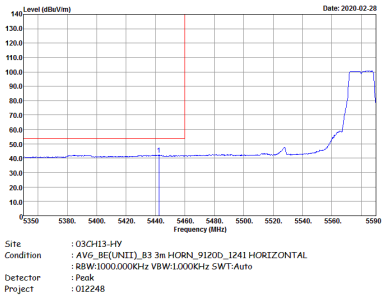
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : 012248 Mode : 16 : a(n40) Ch62 Setting : 14

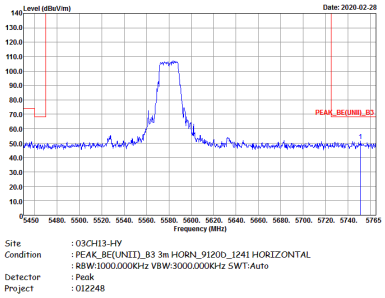
Band 3 - 5470~5725MHz

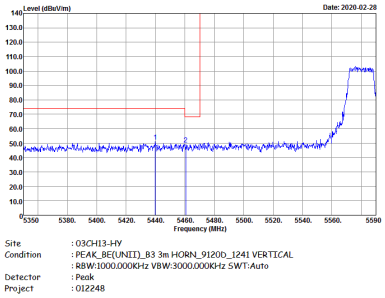
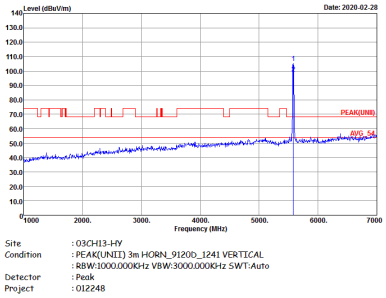
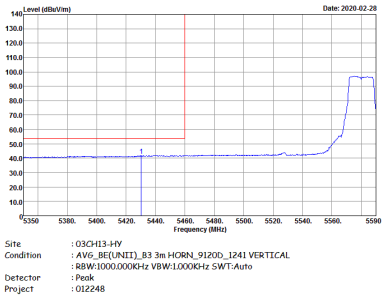
WIFI 802.11a (Band Edge @ 3m)

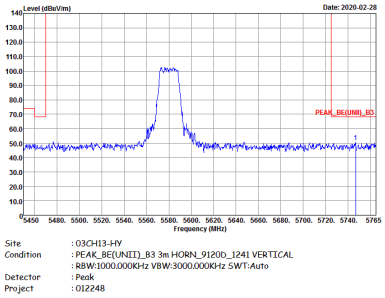
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

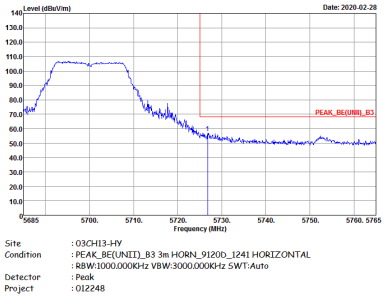
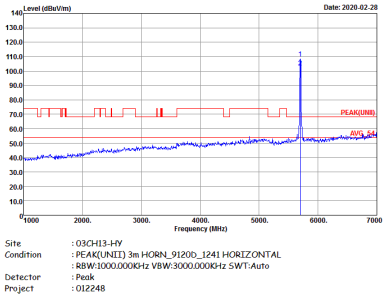
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

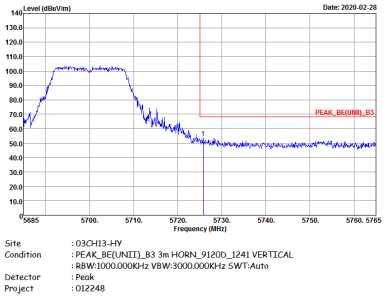
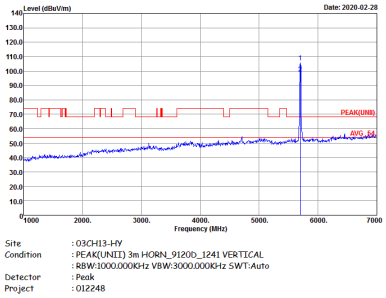
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

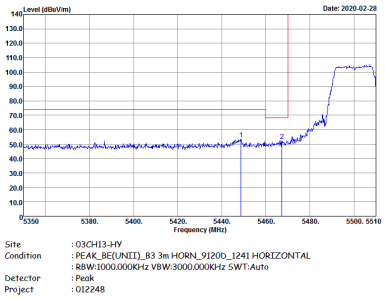
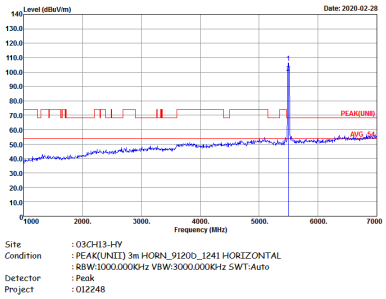
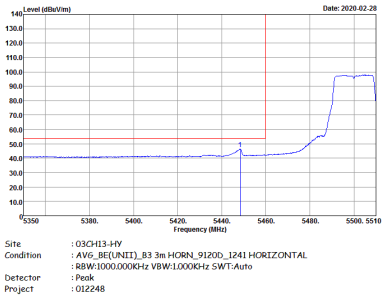
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

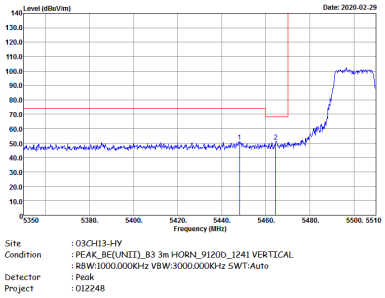
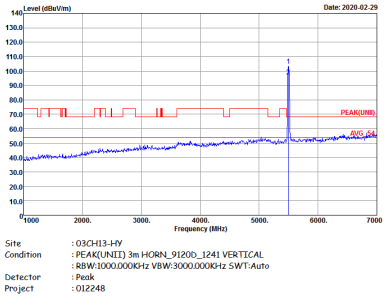
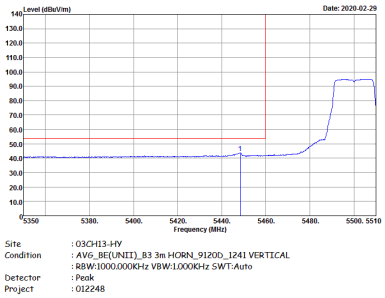
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

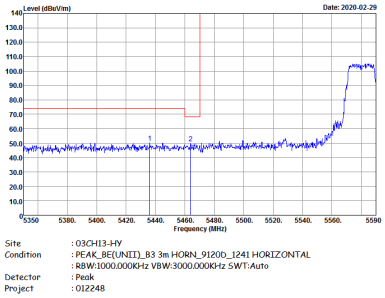
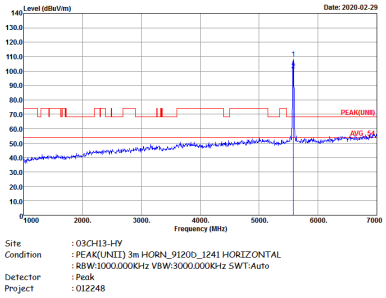
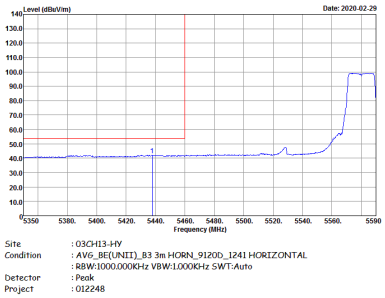
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

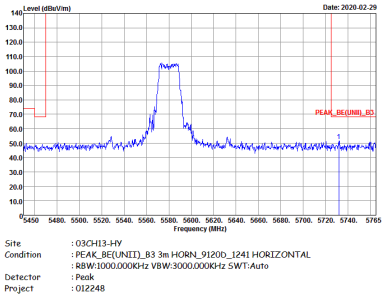
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak		

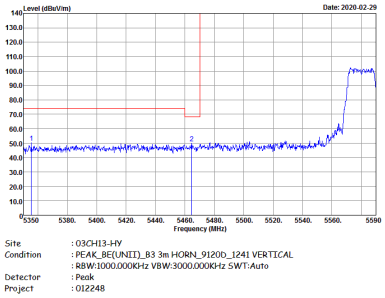
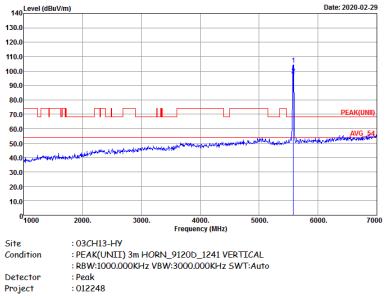
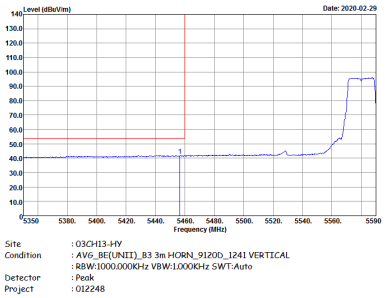
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

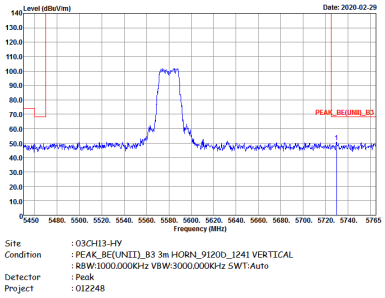
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

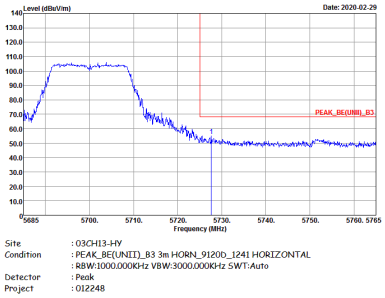
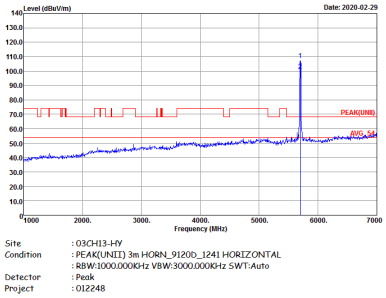
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

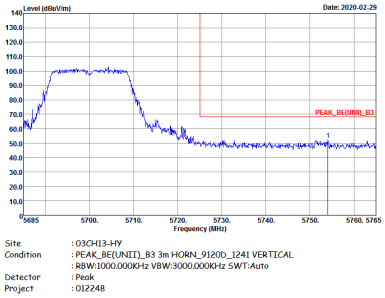
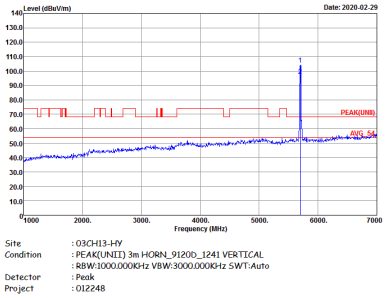
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

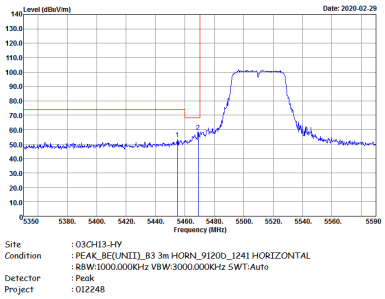
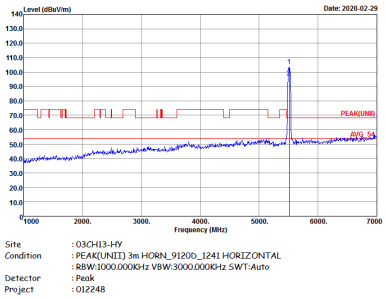
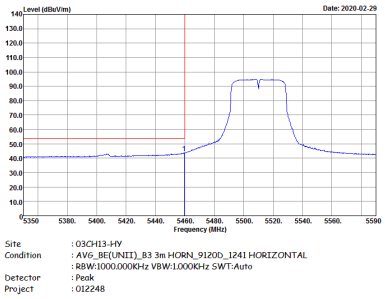
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

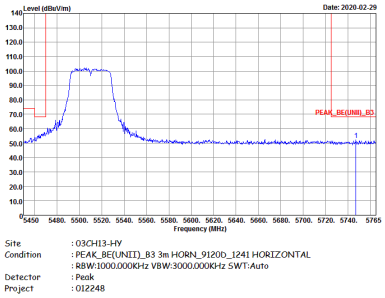
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

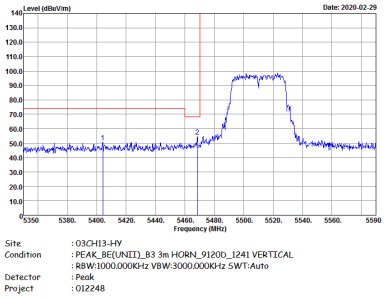
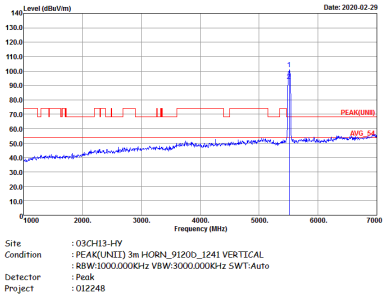
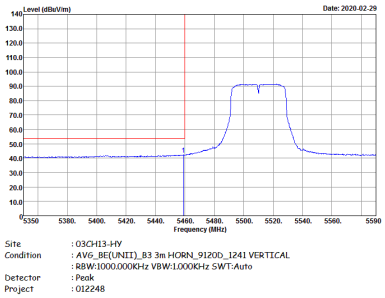
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

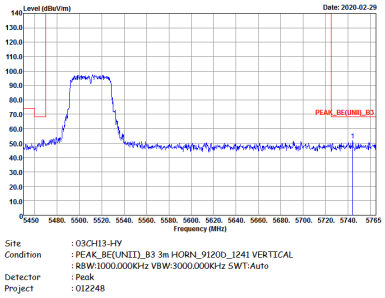
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.		

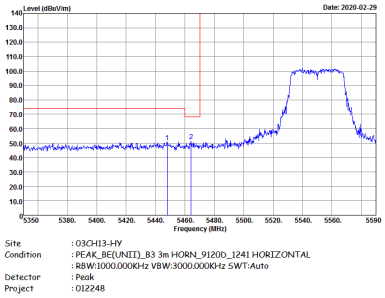
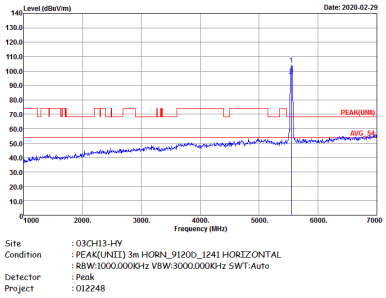
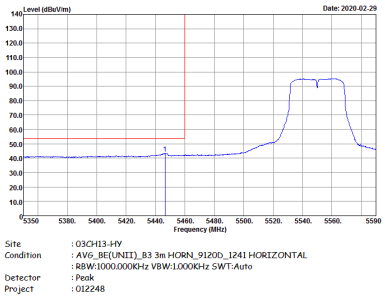
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

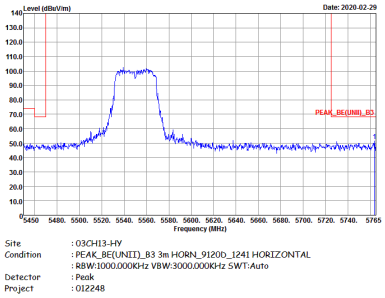
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

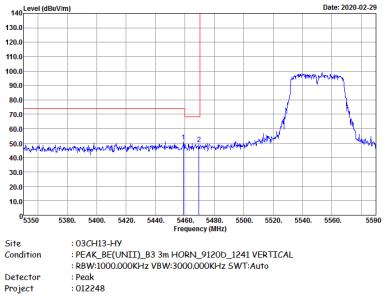
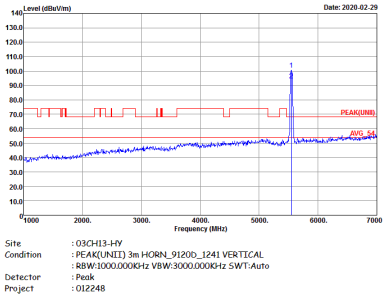
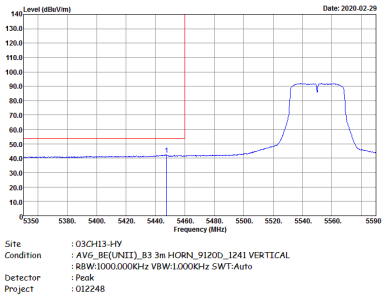
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

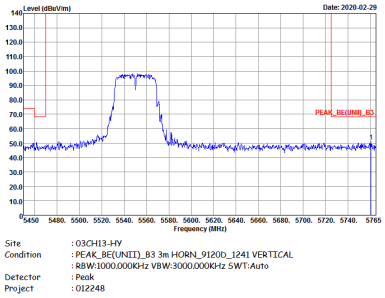
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

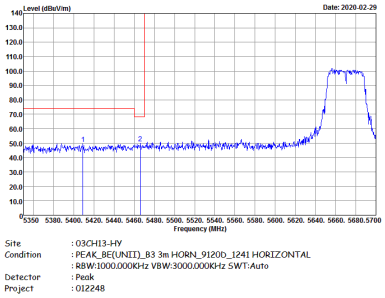
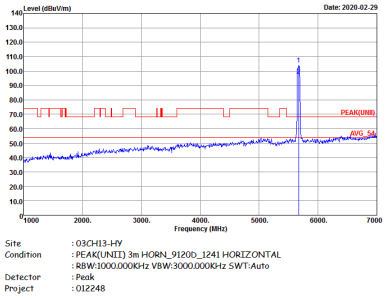
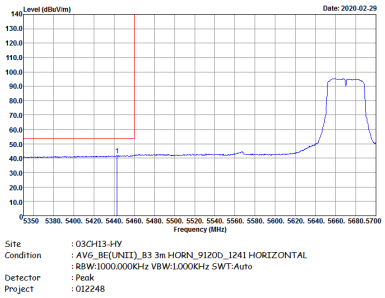
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak		Left blank

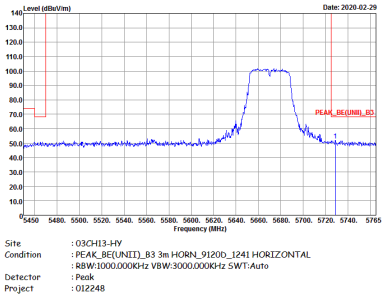
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

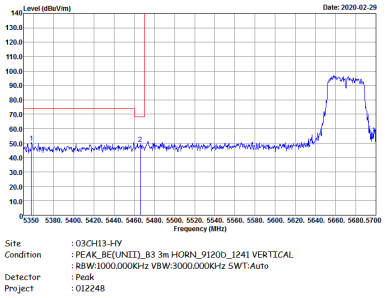
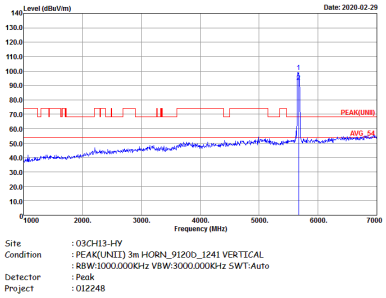
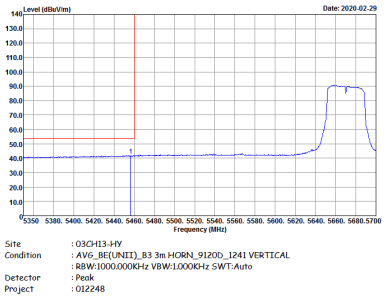
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

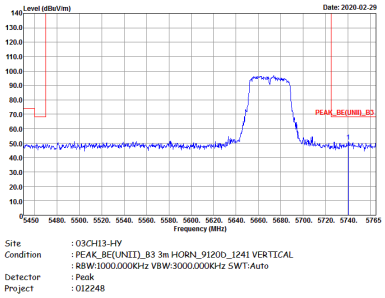
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

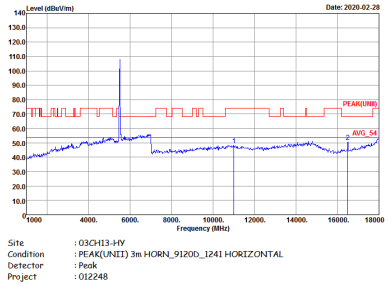
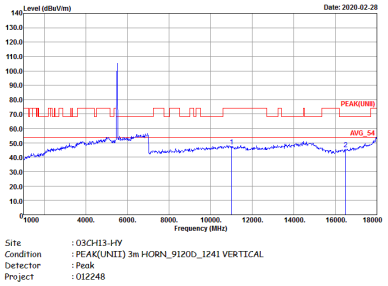
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

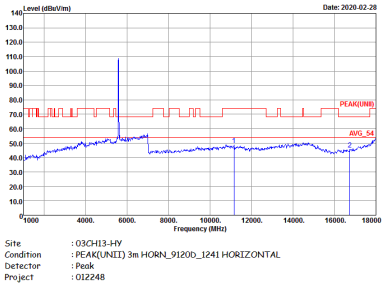
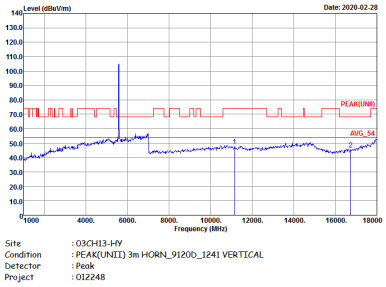
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

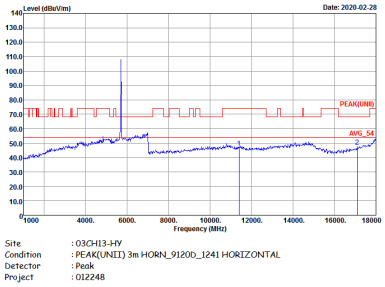
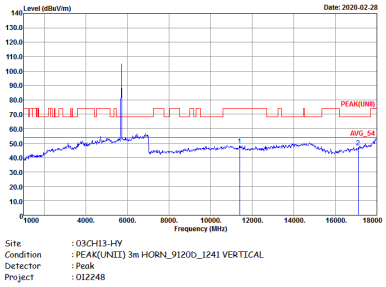
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012248	Left blank

Band 3 - 5470~5725MHz

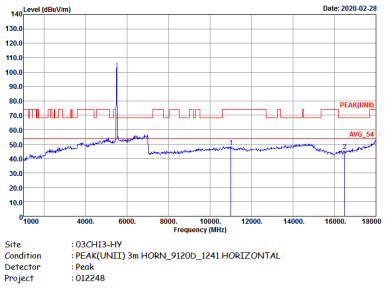
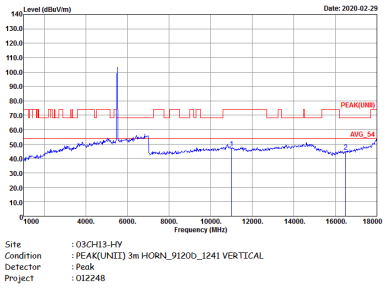
WIFI 802.11a (Harmonic @ 3m)

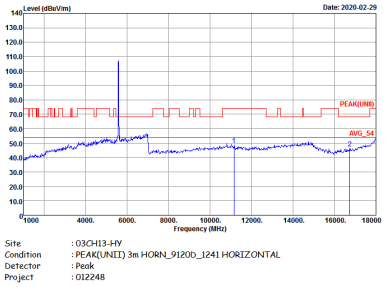
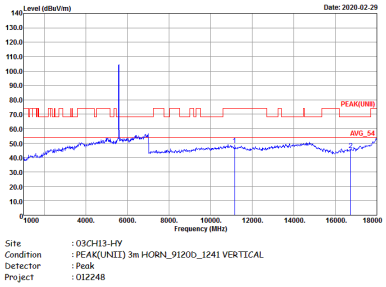
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

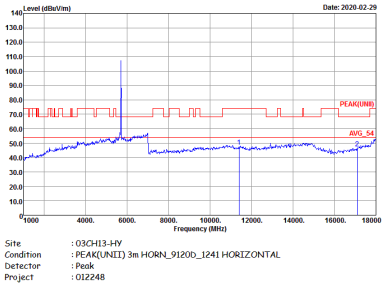
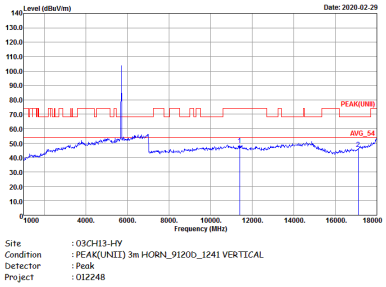
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.		

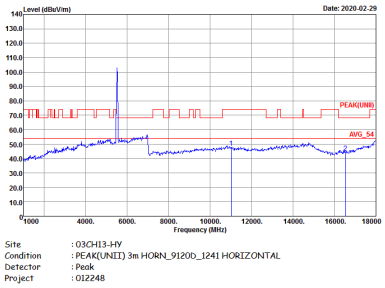
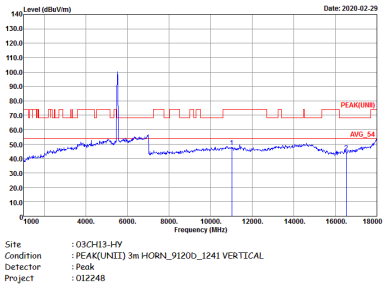
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

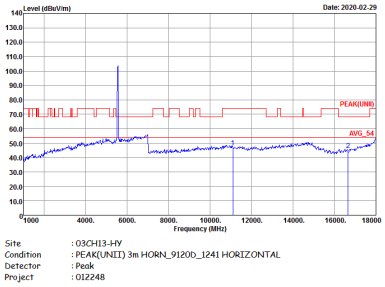
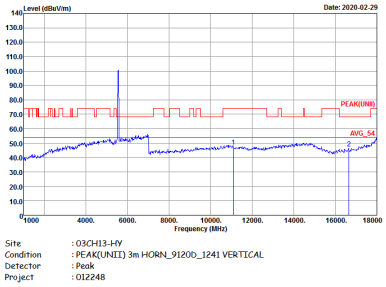
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

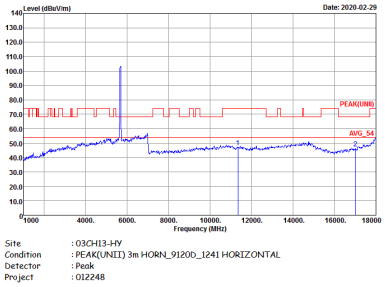
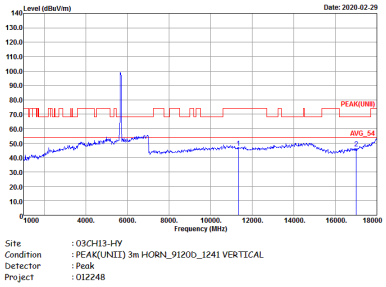
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

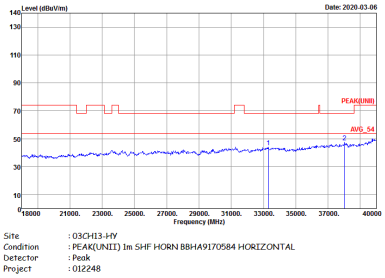
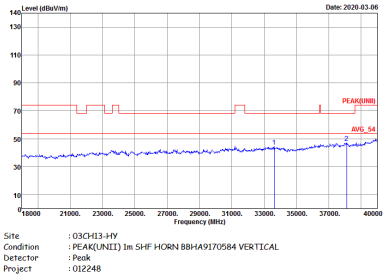
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.		

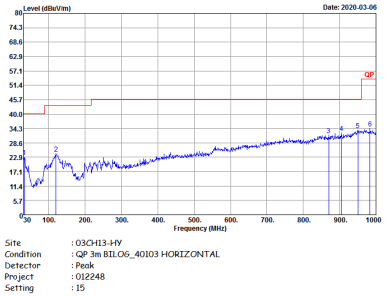
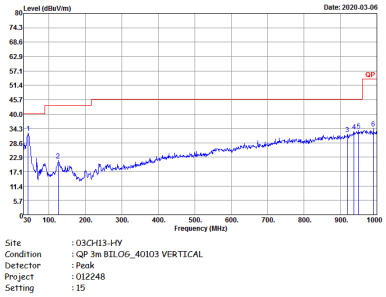
Emission above 18GHz

5GHz WIFI 802.11a (SHF)

WIFI	5GHz 5150~5250MHz	
ANT	802.11a (SHF)	
1	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

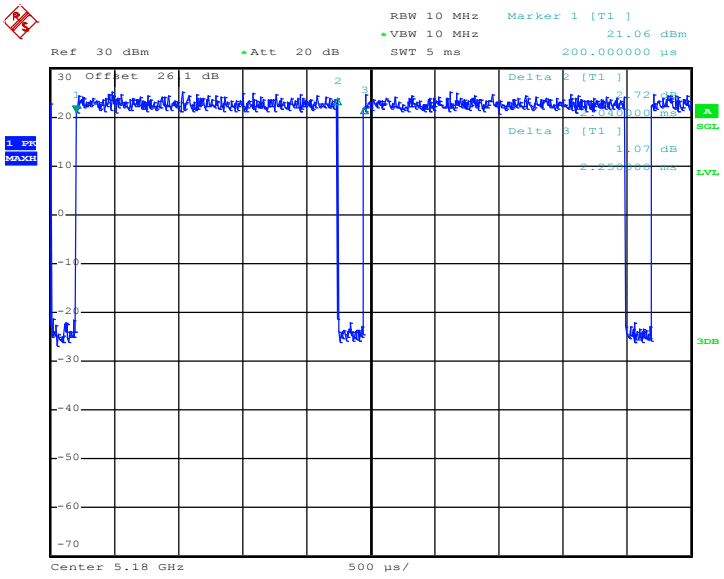
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak		

Appendix E. Duty Cycle Plots

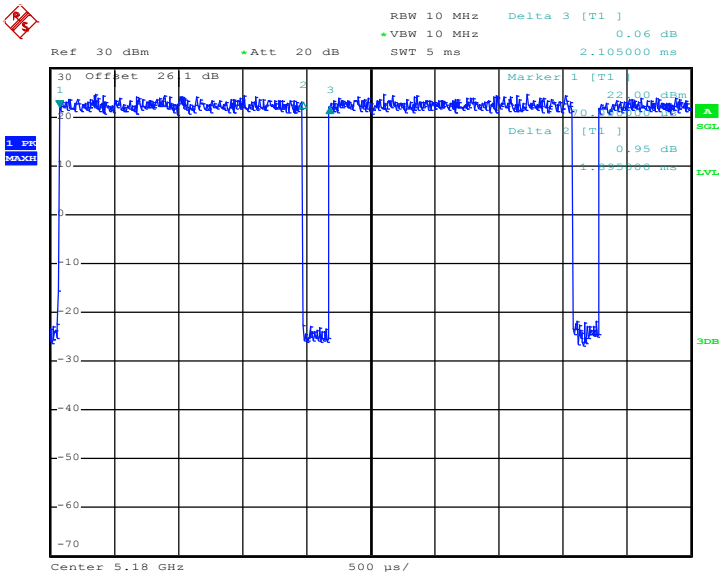
Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	90.67	2040	0.49	1kHz	0.43
5GHz 802.11n HT20	90.02	1895	0.53	1kHz	0.46
5GHz 802.11n HT40	88.44	1530	0.65	1kHz	0.53

802.11a



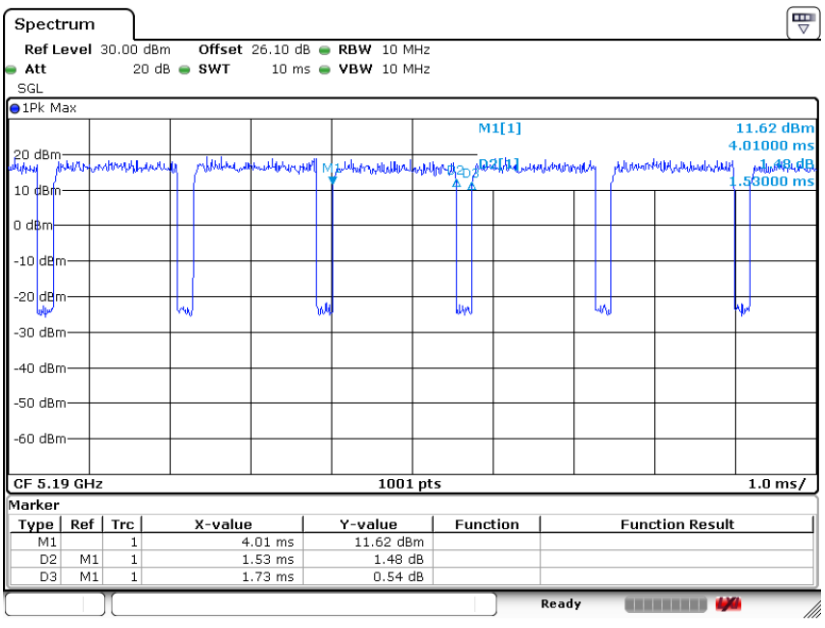
Date: 24.FEB.2020 15:54:42

802.11n HT20



Date: 24.FEB.2020 16:01:09

802.11n HT40



Date: 27.FEB.2020 22:32:03