FCC RADIO TEST REPORT

FCC ID	:	**2AHSE-2045**
Equipment	:	**Digital Media Receiver**
Model Name	:	**RS03QR**
Applicant	:	**Altocumulous LLC** **300 E. Business Way, Suite 200,** **Summit Woods Corporate Center** **Cincinnati, Ohio 45241**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Feb. 13, 2019 and testing was started from Nov. 22, 2019 and completed on Sep. 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 test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR631725-16	01	Initial issue of report	Sep. 24, 2020
FR631725-16	02	Revise test data	Nov. 06, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
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
-	15.207	AC Conducted Emission	Not Required
3.5	15.407(c)	Automatically Discontinue Transmission	Pass
3.6	15.203 15.407(a)	Antenna Requirement	Pass

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. This is a variant report by adding WLAN 5GHz Band 2 and Band 3. All the test cases were performed on original report which can be referred to Sporton Report Number FR631725-01D.

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: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	RS03QR
FCC ID	2AHSE-2045
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power	**<5260 MHz ~ 5320 MHz>** **<Ant. 1>** 802.11a : 18.20 dBm / 0.0661 W 802.11n HT20 : 17.80 dBm / 0.0603 W 802.11n HT40 : 18.40 dBm / 0.0692 W **<Ant. 2>** 802.11a : 17.80 dBm / 0.0603 W 802.11n HT20 : 17.70 dBm / 0.0589 W 802.11n HT40 : 18.10 dBm / 0.0646 W **<5500 MHz ~ 5720 MHz>** **<Ant. 1>** 802.11a : 17.70 dBm / 0.0589 W 802.11n HT20 : 17.70 dBm / 0.0589 W 802.11n HT40 : 18.50 dBm / 0.0708 W **<Ant. 2>** 802.11a : 17.40 dBm / 0.0550 W 802.11n HT20 : 17.30 dBm / 0.0537 W 802.11n HT40 : 18.20 dBm / 0.0661 W
99% Occupied Bandwidth	802.11a : 20.53 MHz 802.11n HT20 : 21.58 MHz 802.11n HT40 : 45.46 MHz
Antenna Type / Gain	**<5260 MHz ~ 5320 MHz>** **Ant. 1 :** Fixed Internal Antenna with gain 3.79 dBi **Ant. 2 :** Fixed Internal Antenna with gain 3.50 dBi **<5500 MHz ~ 5720 MHz>** **Ant. 1 :** Fixed Internal Antenna with gain 4.46 dBi **Ant. 2 :** Fixed Internal Antenna with gain 3.50 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

Note: WLAN operation in 5600 MHz ~ 5650 MHz is notched.

1.3 Modification of EUT

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

1.4 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

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

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

FCC designation No.: TW1190 and TW0007

1.5 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. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

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: 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 (Y plane) were recorded in this report.

2.1 Carrier Frequency and Channel

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
	-	-	134*	5670
	108	5540	136	5680
	110	5550	140	5700

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

Note: The above Frequency and Channel in "*" were 802.11n HT40.

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

Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11a	802.11a
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

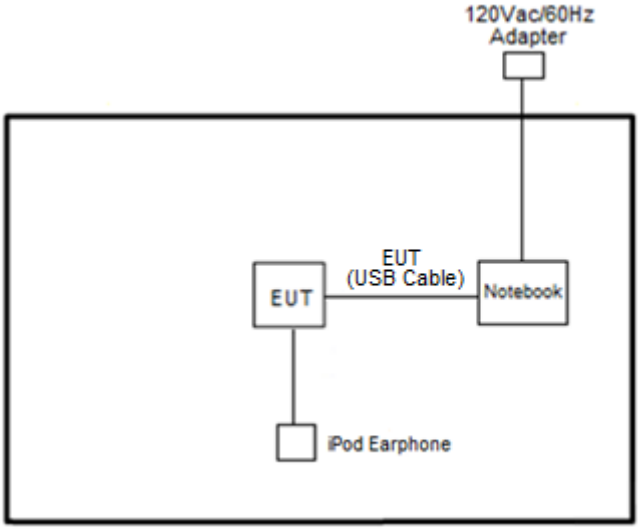
Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40
L	Low	54	102
M	Middle	-	110
H	High	62	134
Straddle		-	142

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

<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
2.	Notebook	DELL	Latitude E3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “Compliance V1.0.0.44” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 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.

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

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

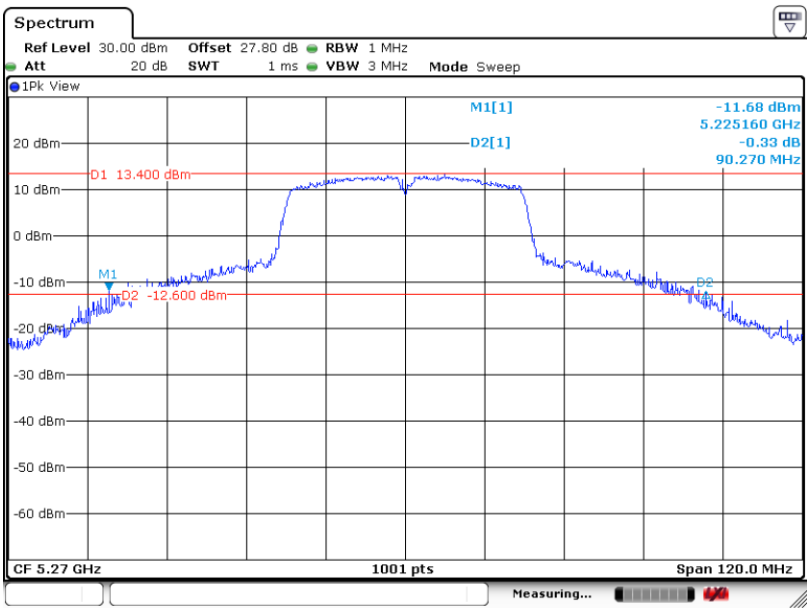
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

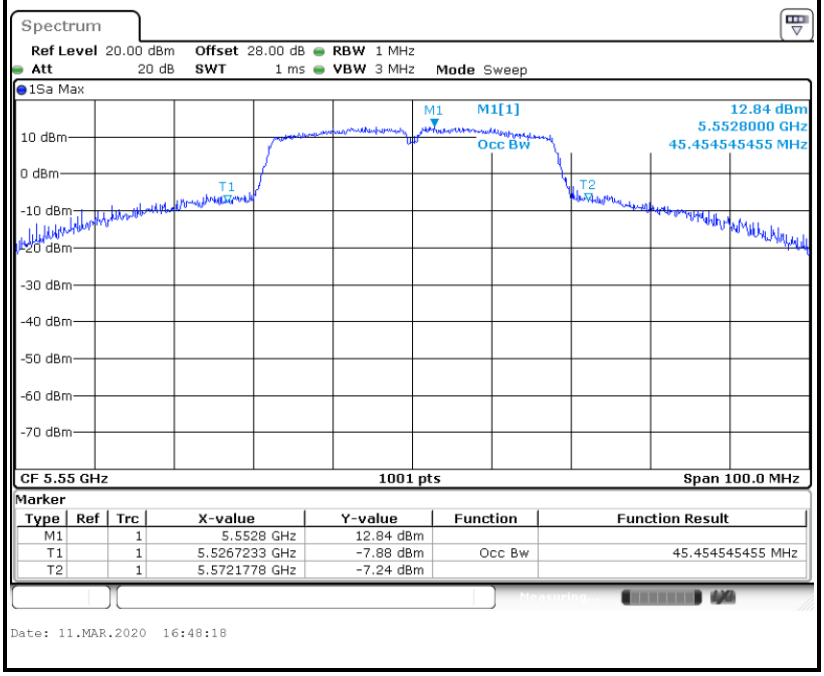
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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 5.25–5.725 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.

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

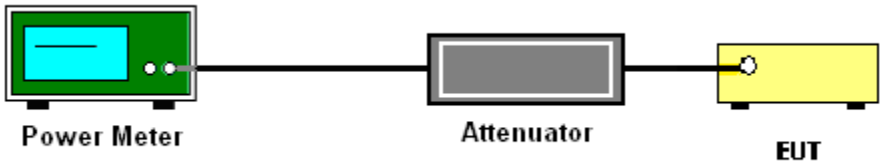
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

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

3.2.4 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 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

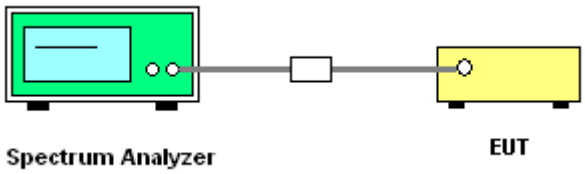
 # Method SA-2 #

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

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

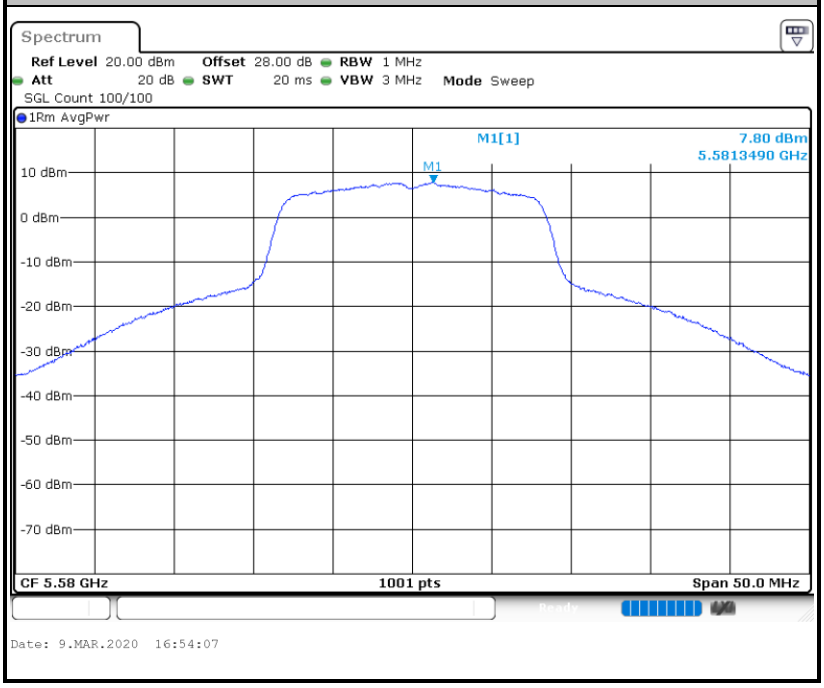
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 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

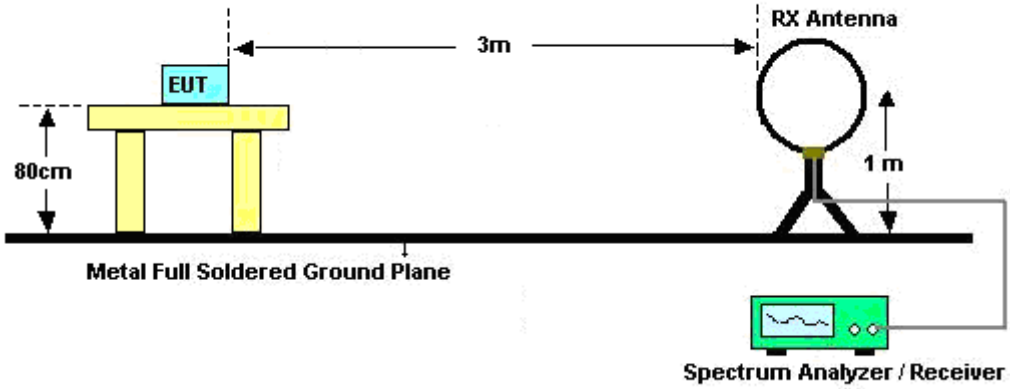
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- 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.

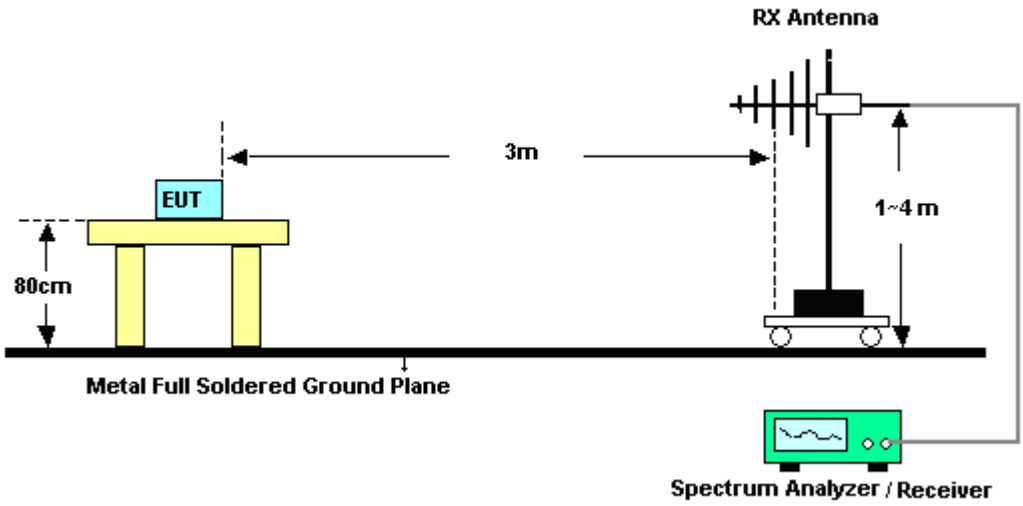
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

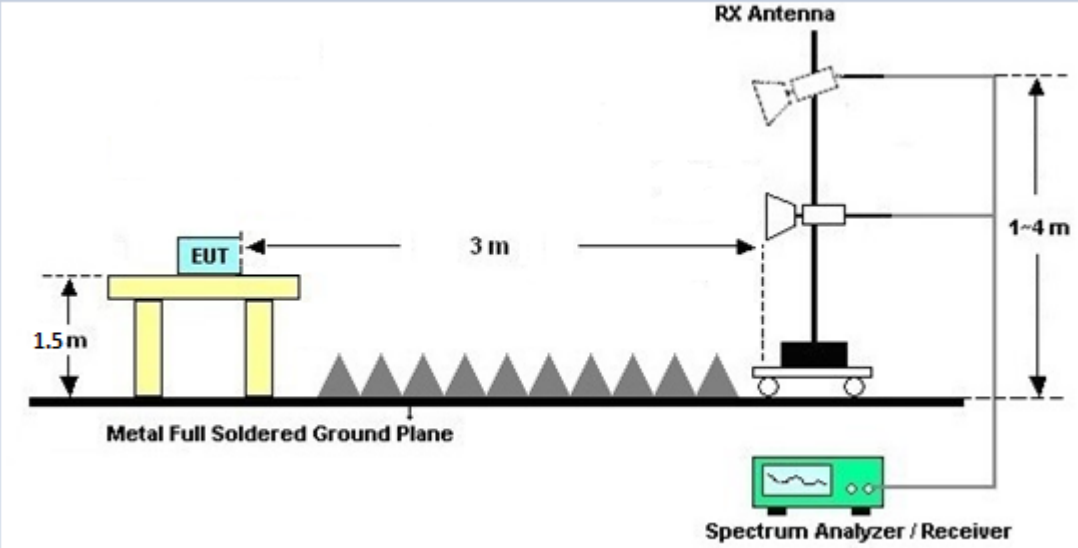
For radiated emissions below 30MHz



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 B and C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.

3.5 Automatically Discontinue Transmission

3.5.1 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.

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 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.

3.6 Antenna Requirements

3.6.1 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.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 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	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	Nov. 22, 2019~ Jun. 15, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Jun. 15, 2020~ Sep. 17, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Nov. 21, 2019	Nov. 22, 2019~ Sep. 17, 2020	Nov. 20, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101397	9kHz-40GHz	Nov. 15, 2019	Nov. 22, 2019~ Sep. 17, 2020	Nov. 14, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Nov. 22, 2019~ Mar. 25, 2020	Mar. 26, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Mar. 25, 2020~ Sep. 17, 2020	Mar. 16, 2021	Conducted (TH05-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 06, 2018	Nov. 23, 2019~ Nov. 26, 2019	Dec. 05, 2019	Radiation (03CH11-HY)
Preamplifier	EMCE	EM18G40G	060715	18GHz ~ 40GHz	Dec. 13, 2019	Sep. 18, 2020~ Sep. 19, 2020	Dec. 12, 2020	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 04, 2018	Nov. 23, 2019~ Nov. 26, 2019	Dec. 03, 2019	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 03, 2019	Sep. 18, 2020~ Sep. 19, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 12, 2019	Nov. 23, 2019~ Sep. 19, 2020	Oct. 11, 2020	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Nov. 04, 2019	Nov. 23, 2019~ Sep. 19, 2020	Nov. 03, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 07, 2019	Nov. 23, 2019~ Nov. 26, 2019	Jan. 06, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	Sep. 18, 2020~ Sep. 19, 2020	Jan. 08, 2021	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 13, 2019	Nov. 23, 2019~ Sep. 19, 2020	Nov. 12, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz ~ 44GHz	Oct. 28, 2019	Nov. 23, 2019~ Sep. 19, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 23, 2019~ Sep. 19, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 23, 2019~ Sep. 19, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 23, 2019~ Sep. 19, 2020	N/A	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA00101800-30-10P	1601180002	1GHz~18GHz	Aug. 01, 2019	Nov. 23, 2019~ Nov. 26, 2019	Jul. 31, 2020	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55303K	1710001800054002	1GHz~18GHz	Feb. 07, 2020	Sep. 18, 2020~ Sep. 19, 2020	Feb. 06, 2021	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 05, 2018	Nov. 23, 2019~ Nov. 26, 2019	Dec. 04, 2019	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz- 40GHz	May 22, 2020	Sep. 18, 2020~ Sep. 19, 2020	May 21, 2021	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Mar. 08, 2019	Nov. 23, 2019~ Nov. 26, 2019	Mar. 07, 2020	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	May 21, 2020	Sep. 18, 2020~ Sep. 19, 2020	May 20, 2021	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Nov. 23, 2019~ Sep. 19, 2020	N/A	Radiation (03CH11-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz-30MHz	Mar. 13, 2019	Nov. 23, 2019~ Nov. 26, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz-30MHz	Mar. 12, 2020	Sep. 18, 2020~ Sep. 19, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 13, 2019	Nov. 23, 2019~ Nov. 26, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 12, 2020	Sep. 18, 2020~ Sep. 19, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	30M-18G	Mar. 13, 2019	Nov. 23, 2019~ Nov. 26, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	30M-18G	Mar. 12, 2020	Sep. 18, 2020~ Sep. 19, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 13, 2019	Nov. 23, 2019~ Nov. 26, 2019	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 12, 2020	Sep. 18, 2020~ Sep. 19, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 15, 2019	Nov. 23, 2019~ Nov. 26, 2019	Sep. 14, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 14, 2020	Sep. 18, 2020~ Sep. 19, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass	Sep. 16, 2019	Nov. 23, 2019~ Nov. 26, 2019	Sep. 15, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass	Sep. 15, 2020	Sep. 18, 2020~ Sep. 19, 2020	Sep. 14, 2021	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP140325	N/A	Nov. 07, 2019	Nov. 23, 2019~ Sep. 19, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	Nov. 23, 2019~ Sep. 19, 2020	Oct. 24, 2020	Radiation (03CH11-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.3**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Richard Qiu/Hank Hsu	Temperature:	21~25	°C
Test Date:	2019/11/22~2020/09/17	Relative Humidity:	51~54	%

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)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.98	18.73	38.56	39.71	23.98	23.98	
11a	6Mbps	1	60	5300	17.98	20.53	39.21	40.86	23.98	23.98	
11a	6Mbps	1	64	5320	17.83	17.48	35.96	38.61	23.98	23.98	
HT20	MCS0	1	52	5260	18.78	21.53	40.28	43.45	23.98	23.98	
HT20	MCS0	1	60	5300	20.83	21.58	42.93	43.34	23.98	23.98	
HT20	MCS0	1	64	5320	18.08	18.23	37.32	36.76	23.98	23.98	
HT40	MCS0	1	54	5270	39.46	44.86	77.89	90.27	23.98	23.98	
HT40	MCS0	1	62	5310	36.66	36.86	52.75	44.60	23.98	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	17.90	17.70		23.98	23.98	3.79	3.50	26.99	Pass
11a	6Mbps	1	60	5300	18.20	17.80		23.98	23.98	3.79	3.50	26.99	Pass
11a	6Mbps	1	64	5320	17.30	16.20		23.98	23.98	3.79	3.50	26.99	Pass
HT20	MCS0	1	52	5260	17.80	17.70		23.98	23.98	3.79	3.50	26.99	Pass
HT20	MCS0	1	60	5300	17.70	17.70		23.98	23.98	3.79	3.50	26.99	Pass
HT20	MCS0	1	64	5320	16.10	16.10		23.98	23.98	3.79	3.50	26.99	Pass
HT40	MCS0	1	54	5270	18.40	18.10		23.98	23.98	3.79	3.50	26.99	Pass
HT40	MCS0	1	62	5310	11.10	10.30		23.98	23.98	3.79	3.50	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.50	0.50	7.78	7.32		11.00	11.00	3.79	3.50		Pass
11a	6Mbps	1	60	5300	0.50	0.50	7.83	7.99		11.00	11.00	3.79	3.50		Pass
11a	6Mbps	1	64	5320	0.50	0.50	7.24	6.28		11.00	11.00	3.79	3.50		Pass
HT20	MCS0	1	52	5260	0.53	0.53	6.84	7.33		11.00	11.00	3.79	3.50		Pass
HT20	MCS0	1	60	5300	0.53	0.53	7.60	7.38		11.00	11.00	3.79	3.50		Pass
HT20	MCS0	1	64	5320	0.53	0.53	5.35	5.49		11.00	11.00	3.79	3.50		Pass
HT40	MCS0	1	54	5270	1.02	1.02	4.14	4.44		11.00	11.00	3.79	3.50		Pass
HT40	MCS0	1	62	5310	1.02	1.02	-3.26	-3.71		11.00	11.00	3.79	3.50		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)		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
11a	6Mbps	1	100	5500	17.83	17.73	36.21	38.91	23.98	23.98	----	----
11a	6Mbps	1	116	5580	18.33	19.48	39.91	40.86	23.98	23.98	----	----
11a	6Mbps	1	140	5700	17.68	17.08	37.71	35.76	23.98	23.98	----	----
HT20	MCS0	1	100	5500	18.58	18.43	41.88	39.92	23.98	23.98	----	----
HT20	MCS0	1	116	5580	19.33	18.43	41.05	39.90	23.98	23.98	----	----
HT20	MCS0	1	140	5700	18.03	17.98	37.54	35.49	23.98	23.98	----	----
HT40	MCS0	1	102	5510	36.46	36.36	61.86	47.05	23.98	23.98	----	----
HT40	MCS0	1	110	5550	38.06	45.46	72.29	83.80	23.98	23.98	----	----
HT40	MCS0	1	134	5670	37.76	37.26	76.00	73.94	23.98	23.98	----	----

Band III straddle channel single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		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
11a	6Mbps	1	144	5720	15.34	16.33	26.48	25.43	23.98	23.98	2.593	2.592
HT20	MCS0	1	144	5720	16.14	16.74	26.83	27.13	23.98	23.98	2.592	2.793
HT40	MCS0	1	142	5710	39.98	40.57	61.39	62.95	23.98	23.98	2.533	2.533

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	17.60	17.10		23.98	23.98	4.46	3.50	26.99	Pass
11a	6Mbps	1	116	5580	17.60	17.40		23.98	23.98	4.46	3.50	26.99	Pass
11a	6Mbps	1	140	5700	17.70	15.00		23.98	23.98	4.46	3.50	26.99	Pass
HT20	MCS0	1	100	5500	17.70	17.00		23.98	23.98	4.46	3.50	26.99	Pass
HT20	MCS0	1	116	5580	17.70	17.30		23.98	23.98	4.46	3.50	26.99	Pass
HT20	MCS0	1	140	5700	16.90	15.00		23.98	23.98	4.46	3.50	26.99	Pass
HT40	MCS0	1	102	5510	14.70	12.40		23.98	23.98	4.46	3.50	26.99	Pass
HT40	MCS0	1	110	5550	18.50	18.20		23.98	23.98	4.46	3.50	26.99	Pass
HT40	MCS0	1	134	5670	17.50	16.50		23.98	23.98	4.46	3.50	26.99	Pass

FCC Band III straddle channel single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	17.20	17.40		23.98	23.98	4.46	3.50	26.99	Pass
HT20	MCS0	1	144	5720	17.50	17.80		23.98	23.98	4.46	3.50	26.99	Pass
HT40	MCS0	1	142	5710	18.00	18.10		23.98	23.98	4.46	3.50	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.50	0.50	7.76	6.90		11.00	11.00	4.46	3.50		Pass
11a	6Mbps	1	116	5580	0.50	0.50	8.30	7.39		11.00	11.00	4.46	3.50		Pass
11a	6Mbps	1	140	5700	0.50	0.50	7.48	4.77		11.00	11.00	4.46	3.50		Pass
HT20	MCS0	1	100	5500	0.53	0.53	6.93	6.02		11.00	11.00	4.46	3.50		Pass
HT20	MCS0	1	116	5580	0.53	0.53	7.20	6.11		11.00	11.00	4.46	3.50		Pass
HT20	MCS0	1	140	5700	0.53	0.53	5.66	4.43		11.00	11.00	4.46	3.50		Pass
HT40	MCS0	1	102	5510	1.02	1.02	0.06	-1.74		11.00	11.00	4.46	3.50		Pass
HT40	MCS0	1	110	5550	1.02	1.02	4.10	4.33		11.00	11.00	4.46	3.50		Pass
HT40	MCS0	1	134	5670	1.02	1.02	3.19	2.21		11.00	11.00	4.46	3.50		Pass

Band III straddle channel single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	0.50	0.50	6.96	6.74		11.00	11.00	4.46	3.50		Pass
HT20	MCS0	1	144	5720	0.53	0.53	6.48	6.60		11.00	11.00	4.46	3.50		Pass
HT40	MCS0	1	142	5710	1.02	1.02	3.52	3.06		11.00	11.00	4.46	3.50		Pass

Appendix B. Radiated Spurious Emission

Test Engineer :	Cookie Ku, Fu Chen and Troye Hsieh	Temperature :	19.9~26.4°C
		Relative Humidity :	51.5~68.3%

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5035.02	51.02	-22.98	74	42.56	31.44	9.91	32.89	100	99	P	H
		5107.1	43.23	-10.77	54	34.28	31.8	9.99	32.84	100	99	A	H
	*	5260	110	-	-	101.23	31.4	10.11	32.74	100	99	P	H
	*	5260	102.18	-	-	93.41	31.4	10.11	32.74	100	99	A	H
		5357.52	50.83	-23.17	74	42.02	31.35	10.14	32.68	100	99	P	H
		5350.56	43.65	-10.35	54	34.9	31.3	10.14	32.69	100	99	A	H
		5102	50.03	-23.97	74	41.09	31.8	9.98	32.84	100	289	P	V
		5089.76	41.5	-12.5	54	32.64	31.74	9.97	32.85	100	289	A	V
	*	5260	107.08	-	-	98.31	31.4	10.11	32.74	100	289	P	V
	*	5260	99.98	-	-	91.21	31.4	10.11	32.74	100	289	A	V
		5415.6	50.52	-23.48	74	41.36	31.63	10.17	32.64	100	289	P	V
		5351.52	42.82	-11.18	54	34.06	31.31	10.14	32.69	100	289	A	V
802.11a CH 60 5300MHz		5144.16	50.73	-23.27	74	41.72	31.8	10.03	32.82	100	100	P	H
		5147.56	43.1	-10.9	54	34.09	31.8	10.03	32.82	100	100	A	H
	*	5300	111.13	-	-	102.33	31.4	10.12	32.72	100	100	P	H
	*	5300	103.33	-	-	94.53	31.4	10.12	32.72	100	100	A	H
		5350.08	53.59	-20.41	74	44.84	31.3	10.14	32.69	100	100	P	H
		5350.32	45.72	-8.28	54	36.97	31.3	10.14	32.69	100	100	A	H
		5082.62	50.39	-23.61	74	41.59	31.7	9.96	32.86	105	296	P	V
		5096.22	41.48	-12.52	54	32.57	31.78	9.98	32.85	105	296	A	V
	*	5300	108.69	-	-	99.89	31.4	10.12	32.72	105	296	P	V
	*	5300	101.68	-	-	92.88	31.4	10.12	32.72	105	296	A	V
		5357.28	54.7	-19.3	74	45.9	31.34	10.14	32.68	105	296	P	V
		5380.08	46.14	-7.86	54	37.19	31.48	10.14	32.67	105	296	A	V

802.11a CH 64 5320MHz	*	5320	109.05	-	-	100.27	31.36	10.13	32.71	105	100	P	H
	*	5320	101.79	-	-	93.01	31.36	10.13	32.71	105	100	A	H
		5350.4	62.72	-11.28	74	53.97	31.3	10.14	32.69	105	100	P	H
		5350.08	50.41	-3.59	54	41.66	31.3	10.14	32.69	105	100	A	H
	*	5320	110.42	-	-	101.64	31.36	10.13	32.71	100	161	P	V
	*	5320	103.47	-	-	94.69	31.36	10.13	32.71	100	161	A	V
		5350.4	61.05	-12.95	74	52.3	31.3	10.14	32.69	100	161	P	V
		5350.08	51.86	-2.14	54	43.11	31.3	10.14	32.69	100	161	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (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	45.37	-22.83	68.2	50.28	39.9	16.46	61.27	100	0	P	H
		15780	46.97	-27.03	74	49.85	37.22	20.57	60.67	100	0	P	H
		10520	45.95	-22.25	68.2	50.86	39.9	16.46	61.27	100	0	P	V
		15780	46.12	-27.88	74	49	37.22	20.57	60.67	100	0	P	V
802.11a CH 60 5300MHz		10600	43.92	-30.08	74	48.82	39.9	16.51	61.31	100	0	P	H
		15900	43.33	-30.67	74	46.73	36.9	20.54	60.84	100	0	P	H
		10600	44.75	-29.25	74	49.65	39.9	16.51	61.31	100	0	P	V
		15900	43.64	-30.36	74	47.04	36.9	20.54	60.84	100	0	P	V
802.11a CH 64 5320MHz		10640	44.63	-29.37	74	49.6	39.82	16.54	61.33	100	0	P	H
		15960	43.9	-30.1	74	47.53	36.78	20.53	60.94	100	0	P	H
		10640	44.13	-29.87	74	49.1	39.82	16.54	61.33	100	0	P	V
		15960	44.22	-29.78	74	47.85	36.78	20.53	60.94	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n 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)
		5094.18	51.25	-22.75	74	42.36	31.77	9.97	32.85	100	98	P	H
		5107.78	43.4	-10.6	54	34.45	31.8	9.99	32.84	100	98	A	H
	*	5260	111.63	-	-	102.86	31.4	10.11	32.74	100	98	P	H
	*	5260	104.29	-	-	95.52	31.4	10.11	32.74	100	98	A	H
802.11n		5352.48	53.17	-20.83	74	44.4	31.31	10.14	32.68	100	98	P	H
HT20		5350.32	43.96	-10.04	54	35.21	31.3	10.14	32.69	100	98	A	H
CH 52		5107.78	51.06	-22.94	74	42.11	31.8	9.99	32.84	100	163	P	V
5260MHz		5108.46	43.52	-10.48	54	34.57	31.8	9.99	32.84	100	163	A	V
	*	5260	111.97	-	-	103.2	31.4	10.11	32.74	100	163	P	V
	*	5260	104.84	-	-	96.07	31.4	10.11	32.74	100	163	A	V
		5352.72	52.32	-21.68	74	43.54	31.32	10.14	32.68	100	163	P	V
		5350.8	44.12	-9.88	54	35.37	31.3	10.14	32.69	100	163	A	V
		5145.86	51.96	-22.04	74	42.95	31.8	10.03	32.82	100	99	P	H
		5147.9	43.45	-10.55	54	34.44	31.8	10.03	32.82	100	99	A	H
	*	5300	111.09	-	-	102.29	31.4	10.12	32.72	100	99	P	H
	*	5300	103.63	-	-	94.83	31.4	10.12	32.72	100	99	A	H
802.11n		5358.72	54.09	-19.91	74	45.28	31.35	10.14	32.68	100	99	P	H
HT20		5380.08	47.02	-6.98	54	38.07	31.48	10.14	32.67	100	99	A	H
CH 60		5148.58	52.19	-21.81	74	43.17	31.8	10.03	32.81	100	161	P	V
5300MHz		5147.56	43.36	-10.64	54	34.35	31.8	10.03	32.82	100	161	A	V
	*	5300	111.97	-	-	103.17	31.4	10.12	32.72	100	161	P	V
	*	5300	104.06	-	-	95.26	31.4	10.12	32.72	100	161	A	V
		5352.48	55.89	-18.11	74	47.12	31.31	10.14	32.68	100	161	P	V
		5350.08	47.21	-6.79	54	38.46	31.3	10.14	32.69	100	161	A	V

802.11n HT20 CH 64 5320MHz	*	5320	109.65	-	-	100.87	31.36	10.13	32.71	109	97	P	H
	*	5320	102.11	-	-	93.33	31.36	10.13	32.71	109	97	A	H
		5350.24	59.44	-14.56	74	50.69	31.3	10.14	32.69	109	97	P	H
		5350.08	51.17	-2.83	54	42.42	31.3	10.14	32.69	109	97	A	H
	*	5320	110.1	-	-	101.32	31.36	10.13	32.71	100	156	P	V
	*	5320	102.92	-	-	94.14	31.36	10.13	32.71	100	156	A	V
		5352	62.26	-11.74	74	53.49	31.31	10.14	32.68	100	156	P	V
		5350.4	51.46	-2.54	54	42.71	31.3	10.14	32.69	100	156	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 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)
802.11n		10520	45.55	-22.65	68.2	50.46	39.9	16.46	61.27	100	0	P	H
HT20		15780	46.17	-27.83	74	49.05	37.22	20.57	60.67	100	0	P	H
CH 52		10520	45.31	-22.89	68.2	50.22	39.9	16.46	61.27	100	0	P	V
5260MHz		15780	47.71	-26.29	74	50.59	37.22	20.57	60.67	100	0	P	V
802.11n		10600	44.41	-29.59	74	49.31	39.9	16.51	61.31	100	0	P	H
HT20		15900	43.78	-30.22	74	47.18	36.9	20.54	60.84	100	0	P	H
CH 60		10600	44.01	-29.99	74	48.91	39.9	16.51	61.31	100	0	P	V
5300MHz		15900	43.52	-30.48	74	46.92	36.9	20.54	60.84	100	0	P	V
802.11n		10600	44.45	-29.55	74	49.35	39.9	16.51	61.31	100	0	P	H
HT20		15960	44	-30	74	47.63	36.78	20.53	60.94	100	0	P	H
CH 64		10640	44.7	-29.3	74	49.67	39.82	16.54	61.33	100	0	P	V
5320MHz		15960	43.72	-30.28	74	47.35	36.78	20.53	60.94	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n 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		5121.38	51.7	-22.3	74	42.73	31.8	10	32.83	100	97	P	H
		5123.42	43.69	-10.31	54	34.71	31.8	10.01	32.83	100	97	A	H
	*	5278	108.71	-	-	99.93	31.4	10.11	32.73	100	97	P	H
	*	5278	100.98	-	-	92.2	31.4	10.11	32.73	100	97	A	H
		5366.4	59.88	-14.12	74	51.02	31.4	10.14	32.68	100	97	P	H
		5351.04	47.65	-6.35	54	38.89	31.31	10.14	32.69	100	97	A	H
		5124.44	51.45	-22.55	74	42.47	31.8	10.01	32.83	108	160	P	V
		5122.06	43.85	-10.15	54	34.88	31.8	10	32.83	108	160	A	V
	*	5284	109.19	-	-	100.4	31.4	10.12	32.73	108	160	P	V
	*	5284	101.76	-	-	92.97	31.4	10.12	32.73	108	160	A	V
		5358.96	60.61	-13.39	74	51.8	31.35	10.14	32.68	108	160	P	V
		5350.08	48.96	-5.04	54	40.21	31.3	10.14	32.69	108	160	A	V
802.11n HT40 CH 62 5310MHz		5065.96	50.68	-23.32	74	42.01	31.6	9.94	32.87	100	99	P	H
		5127.16	41.87	-12.13	54	32.89	31.8	10.01	32.83	100	99	A	H
	*	5310	100.73	-	-	91.94	31.38	10.12	32.71	100	99	P	H
	*	5310	93.21	-	-	84.42	31.38	10.12	32.71	100	99	A	H
		5351.04	61.52	-12.48	74	52.76	31.31	10.14	32.69	100	99	P	H
		5350.32	50.43	-3.57	54	41.68	31.3	10.14	32.69	100	99	A	H
		5064.6	50.4	-23.6	74	41.74	31.59	9.94	32.87	103	158	P	V
		5132.6	42.01	-11.99	54	33.02	31.8	10.02	32.83	103	158	A	V
	*	5310	101.6	-	-	92.81	31.38	10.12	32.71	103	158	P	V
	*	5310	94.07	-	-	85.28	31.38	10.12	32.71	103	158	A	V
		5353.68	60.07	-13.93	74	51.29	31.32	10.14	32.68	103	158	P	V
		5350.08	52.44	-1.56	54	43.69	31.3	10.14	32.69	103	158	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)
802.11n		10540	45.35	-22.85	68.2	50.26	39.9	16.47	61.28	100	0	P	H
HT40		15810	43.87	-30.13	74	46.86	37.17	20.56	60.72	100	0	P	H
CH 54		10540	45.14	-23.06	68.2	50.05	39.9	16.47	61.28	100	0	P	V
5270MHz		15810	45.21	-28.79	74	48.2	37.17	20.56	60.72	100	0	P	V
802.11n		10620	44.64	-29.36	74	49.58	39.86	16.52	61.32	100	0	P	H
HT40		15930	43.77	-30.23	74	47.28	36.84	20.54	60.89	100	0	P	H
CH 62		10620	44.62	-29.38	74	49.56	39.86	16.52	61.32	100	0	P	V
5310MHz		15930	42.99	-31.01	74	46.5	36.84	20.54	60.89	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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		5457.2	55.04	-18.96	74	45.69	31.73	10.24	32.62	100	86	P	H
		5469.36	61.8	-6.4	68.2	52.37	31.78	10.26	32.61	100	86	P	H
		5456.72	46.31	-7.69	54	36.96	31.73	10.24	32.62	100	86	A	H
	*	5500	109.2	-	-	99.58	31.9	10.31	32.59	100	86	P	H
	*	5500	101.88	-	-	92.26	31.9	10.31	32.59	100	86	A	H
		5458.96	56.74	-17.26	74	47.38	31.74	10.24	32.62	100	299	P	V
		5469.68	62.59	-5.61	68.2	53.16	31.78	10.26	32.61	100	299	P	V
		5459.92	47.78	-6.22	54	38.42	31.74	10.24	32.62	100	299	A	V
	*	5500	111.27	-	-	101.65	31.9	10.31	32.59	100	299	P	V
	*	5500	103.91	-	-	94.29	31.9	10.31	32.59	100	299	A	V
802.11a CH 116 5580MHz		5447.92	50.9	-23.1	74	41.6	31.7	10.22	32.62	103	86	P	H
		5462.8	49.58	-18.62	68.2	40.19	31.75	10.25	32.61	103	86	P	H
		5427.52	42.56	-11.44	54	33.35	31.66	10.19	32.64	103	86	A	H
	*	5580	109.99	-	-	100.27	31.86	10.43	32.57	103	86	P	H
	*	5580	102.72	-	-	93	31.86	10.43	32.57	103	86	A	H
		5448.88	50.94	-23.06	74	41.63	31.7	10.23	32.62	100	300	P	V
		5469.76	50.78	-17.42	68.2	41.35	31.78	10.26	32.61	100	300	P	V
		5427.28	42.99	-11.01	54	33.79	31.65	10.19	32.64	100	300	A	V
	*	5580	111.64	-	-	101.92	31.86	10.43	32.57	100	300	P	V
	*	5580	104.38	-	-	94.66	31.86	10.43	32.57	100	300	A	V

802.11a CH 140 5700MHz	*	5700	109.34	-	-	99.26	32.1	10.51	32.53	117	86	P	H
	*	5700	102.27	-	-	92.19	32.1	10.51	32.53	117	86	A	H
		5725.275	64.33	-3.87	68.2	54.18	32.15	10.53	32.53	117	86	P	H
	*	5700	112.2	-	-	102.12	32.1	10.51	32.53	100	301	P	V
	*	5700	105.07	-	-	94.99	32.1	10.51	32.53	100	301	A	V
		5725.1	66.1	-2.1	68.2	55.95	32.15	10.53	32.53	100	301	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	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	46.93	-27.07	74	51.68	40	16.76	61.51	100	0	P	H
		16500	48.33	-19.87	68.2	49.79	38.4	21.19	61.05	100	0	P	H
		11000	46.82	-27.18	74	51.57	40	16.76	61.51	100	0	P	V
		16500	50.41	-17.79	68.2	51.87	38.4	21.19	61.05	100	0	P	V
802.11a CH 116 5580MHz		11160	48.94	-25.06	74	53.79	39.48	16.99	61.32	100	0	P	H
		16740	49.91	-18.29	68.2	49.6	39.38	21.51	60.58	100	0	P	H
		11160	47.96	-26.04	74	52.81	39.48	16.99	61.32	100	0	P	V
		16740	48.94	-19.26	68.2	48.63	39.38	21.51	60.58	100	0	P	V
802.11a CH 140 5700MHz		11400	48.48	-25.52	74	52.49	39.7	17.34	61.05	100	0	P	H
		17100	52.48	-15.72	68.2	51	39.7	21.95	60.17	100	0	P	H
		11400	48.29	-25.71	74	52.3	39.7	17.34	61.05	100	0	P	V
		17100	52.95	-15.25	68.2	51.47	39.7	21.95	60.17	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n 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)
		5456.4	58.02	-15.98	74	48.67	31.73	10.24	32.62	100	83	P	H
		5466.48	64.96	-3.24	68.2	55.55	31.77	10.25	32.61	100	83	P	H
		5420.08	46.29	-7.71	54	37.11	31.64	10.18	32.64	100	83	A	H
802.11n	*	5500	109.19	-	-	99.57	31.9	10.31	32.59	100	83	P	H
HT20	*	5500	101.92	-	-	92.3	31.9	10.31	32.59	100	83	A	H
CH 100		5456.08	59.65	-14.35	74	50.31	31.72	10.24	32.62	100	298	P	V
5500MHz		5467.44	65.56	-2.64	68.2	56.15	31.77	10.25	32.61	100	298	P	V
		5459.28	48.02	-5.98	54	38.66	31.74	10.24	32.62	100	298	A	V
	*	5500	111.5	-	-	101.88	31.9	10.31	32.59	100	298	P	V
	*	5500	103.53	-	-	93.91	31.9	10.31	32.59	100	298	A	V
		5429.68	51.95	-22.05	74	42.73	31.66	10.2	32.64	103	87	P	H
		5459.92	51.89	-22.11	74	42.53	31.74	10.24	32.62	103	87	P	H
		5428.48	43.3	-10.7	54	34.09	31.66	10.19	32.64	103	87	A	H
	*	5580	110.47	-	-	100.75	31.86	10.43	32.57	103	87	P	H
802.11n	*	5580	102.53	-	-	92.81	31.86	10.43	32.57	103	87	A	H
HT20		5735.39	49.99	-18.21	68.2	39.81	32.17	10.53	32.52	103	87	P	H
CH 116		5427.52	52.26	-21.74	74	43.05	31.66	10.19	32.64	112	298	P	V
5580MHz		5463.52	51.16	-17.04	68.2	41.77	31.75	10.25	32.61	112	298	P	V
		5428.72	43.58	-10.42	54	34.37	31.66	10.19	32.64	112	298	A	V
	*	5580	111.41	-	-	101.69	31.86	10.43	32.57	112	298	P	V
	*	5580	101.93	-	-	92.21	31.86	10.43	32.57	112	298	A	V
		5732.87	50.77	-17.43	68.2	40.59	32.17	10.53	32.52	112	298	P	V

802.11n HT20 CH 140 5700MHz	*	5700	107.24	-	-	97.16	32.1	10.51	32.53	100	78	P	H
	*	5700	100.15	-	-	90.07	32.1	10.51	32.53	100	78	A	H
		5725	66.16	-2.04	68.2	56.01	32.15	10.53	32.53	100	78	P	H
	*	5700	111.07	-	-	100.99	32.1	10.51	32.53	100	301	P	V
	*	5700	103.87	-	-	93.79	32.1	10.51	32.53	100	301	A	V
		5725.32	67.16	-1.04	68.2	57.01	32.15	10.53	32.53	100	301	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 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)
802.11n		11000	48.44	-25.56	74	53.19	40	16.76	61.51	100	0	P	H
HT20		16500	49.46	-18.74	68.2	50.92	38.4	21.19	61.05	100	0	P	H
CH 100		11000	48	-26	74	52.75	40	16.76	61.51	100	0	P	V
5500MHz		16500	50.18	-18.02	68.2	51.64	38.4	21.19	61.05	100	0	P	V
802.11n		11160	48.6	-25.4	74	53.45	39.48	16.99	61.32	100	0	P	H
HT20		16740	49.61	-18.59	68.2	49.3	39.38	21.51	60.58	100	0	P	H
CH 116		11160	47.38	-26.62	74	52.23	39.48	16.99	61.32	100	0	P	V
5580MHz		16740	49.4	-18.8	68.2	49.09	39.38	21.51	60.58	100	0	P	V
802.11n		11400	47.71	-26.29	74	51.72	39.7	17.34	61.05	100	0	P	H
HT20		17100	51.52	-16.68	68.2	50.04	39.7	21.95	60.17	100	0	P	H
CH 140		11400	48.52	-25.48	74	52.53	39.7	17.34	61.05	100	0	P	V
5700MHz		17100	51.14	-17.06	68.2	49.66	39.7	21.95	60.17	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n 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)
		5451.52	58.11	-15.89	74	48.79	31.71	10.23	32.62	111	88	P	H
		5469.28	65.46	-2.74	68.2	56.03	31.78	10.26	32.61	111	88	P	H
		5459.92	48.12	-5.88	54	38.76	31.74	10.24	32.62	111	88	A	H
	*	5510	103.01	-	-	93.4	31.88	10.32	32.59	111	88	P	H
802.11n	*	5510	94.55	-	-	84.94	31.88	10.32	32.59	111	88	A	H
HT40		5740.745	51.64	-16.56	68.2	41.44	32.18	10.54	32.52	111	88	P	H
CH 102		5452	59.05	-14.95	74	49.73	31.71	10.23	32.62	100	300	P	V
5510MHz		5470	66.27	-1.93	68.2	56.84	31.78	10.26	32.61	100	300	P	V
		5459.92	48.27	-5.73	54	38.91	31.74	10.24	32.62	100	300	A	V
	*	5510	104.29	-	-	94.68	31.88	10.32	32.59	100	300	P	V
	*	5510	96.62	-	-	87.01	31.88	10.32	32.59	100	300	A	V
		5727.2	51.44	-16.76	68.2	41.29	32.15	10.53	32.53	100	300	P	V
		5459.68	57.43	-16.57	74	48.07	31.74	10.24	32.62	102	87	P	H
		5470	59.98	-8.22	68.2	50.55	31.78	10.26	32.61	102	87	P	H
		5458.96	44.04	-9.96	54	34.68	31.74	10.24	32.62	102	87	A	H
	*	5550	107.29	-	-	97.69	31.8	10.38	32.58	102	87	P	H
802.11n	*	5550	101.04	-	-	91.44	31.8	10.38	32.58	102	87	A	H
HT40		5728.46	51.03	-17.17	68.2	40.87	32.16	10.53	32.53	102	87	P	H
CH 110		5444.08	56.11	-17.89	74	46.83	31.69	10.22	32.63	100	300	P	V
5550MHz		5468.08	58.26	-9.94	68.2	48.84	31.77	10.26	32.61	100	300	P	V
		5459.68	44.85	-9.15	54	35.49	31.74	10.24	32.62	100	300	A	V
	*	5550	108.59	-	-	98.99	31.8	10.38	32.58	100	300	P	V
	*	5550	100.76	-	-	91.16	31.8	10.38	32.58	100	300	A	V
		5725.94	51.1	-17.1	68.2	40.95	32.15	10.53	32.53	100	300	P	V

		5431.2	49.66	-24.34	74	40.43	31.66	10.2	32.63	100	90	P	H
		5469.7	49.5	-18.7	68.2	40.07	31.78	10.26	32.61	100	90	P	H
		5427.35	41.79	-12.21	54	32.59	31.65	10.19	32.64	100	90	A	H
	*	5670	104.61	-	-	94.73	31.92	10.5	32.54	100	90	P	H
802.11n	*	5670	96.79	-	-	86.91	31.92	10.5	32.54	100	90	A	H
HT40		5725.975	61.17	-7.03	68.2	51.02	32.15	10.53	32.53	100	90	P	H
CH 134		5447.65	49.88	-24.12	74	40.58	31.7	10.22	32.62	100	301	P	V
5670MHz		5463.4	49.72	-18.48	68.2	40.33	31.75	10.25	32.61	100	301	P	V
		5459.9	41.53	-12.47	54	32.17	31.74	10.24	32.62	100	301	A	V
	*	5670	108	-	-	98.12	31.92	10.5	32.54	100	301	P	V
	*	5670	100.16	-	-	90.28	31.92	10.5	32.54	100	301	A	V
		5726.325	65.31	-2.89	68.2	55.16	32.15	10.53	32.53	100	301	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)
802.11n		11020	47.18	-26.82	74	51.96	39.92	16.79	61.49	100	0	P	H
HT40		16530	47.88	-20.32	68.2	49.11	38.52	21.23	60.98	100	0	P	H
CH 102		11020	47.59	-26.41	74	52.37	39.92	16.79	61.49	100	0	P	V
5510MHz		16530	47.32	-20.88	68.2	48.55	38.52	21.23	60.98	100	0	P	V
802.11n		11100	48.61	-25.39	74	53.49	39.6	16.91	61.39	100	0	P	H
HT40		16650	47.96	-20.24	68.2	48.37	38.95	21.39	60.75	100	0	P	H
CH 110		11100	47.28	-26.72	74	52.16	39.6	16.91	61.39	100	0	P	V
5550MHz		16650	48.13	-20.07	68.2	48.54	38.95	21.39	60.75	100	0	P	V
802.11n		11340	48.11	-25.89	74	52.45	39.52	17.26	61.12	100	0	P	H
HT40		17010	48.92	-19.28	68.2	47.44	39.7	21.87	60.09	100	0	P	H
CH 134		11340	48.84	-25.16	74	53.18	39.52	17.26	61.12	100	0	P	V
5670MHz		17010	48.98	-19.22	68.2	47.5	39.7	21.87	60.09	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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 144 5720MHz		5458.81	49.08	-24.92	74	39.73	31.74	10.23	32.62	102	273	P	H
		5469.73	49.3	-18.9	68.2	39.89	31.78	10.24	32.61	102	273	P	H
		5456.47	40.69	-13.31	54	31.35	31.73	10.23	32.62	102	273	A	H
	*	5720	112.28	-	-	102.2	32.14	10.47	32.53	102	273	P	H
	*	5720	105.36	-	-	95.28	32.14	10.47	32.53	102	273	A	H
		5905.25	52.74	-15.46	68.2	41.99	32.52	10.71	32.48	102	273	P	H
		5375.35	50.14	-23.86	74	41.19	31.45	10.17	32.67	103	302	P	V
		5461.93	49.7	-18.5	68.2	40.32	31.75	10.24	32.61	103	302	P	V
		5458.42	40.99	-13.01	54	31.65	31.73	10.23	32.62	103	302	A	V
	*	5720	111.56	-	-	101.48	32.14	10.47	32.53	103	302	P	V
	*	5720	104.58	-	-	94.5	32.14	10.47	32.53	103	302	A	V
		5874.5	52.16	-16.04	68.2	41.54	32.45	10.66	32.49	103	302	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	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 144 5720MHz		11440	48.55	-25.45	74	52.58	39.66	17.86	61.55	100	0	P	H
		17160	48.65	-19.55	68.2	45.1	40	22.56	59.01	100	0	P	H
		11440	48.11	-25.89	74	52.14	39.66	17.86	61.55	100	0	P	V
		17160	49.91	-18.29	68.2	46.36	40	22.56	59.01	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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)
802.11n HT20 CH 144 5720MHz		5388.22	49.53	-24.47	74	40.48	31.53	10.18	32.66	105	272	P	H
		5465.83	48.33	-19.87	68.2	38.94	31.76	10.24	32.61	105	272	P	H
		5453.35	40.69	-13.31	54	31.37	31.71	10.23	32.62	105	272	A	H
	*	5720	112.06	-	-	101.98	32.14	10.47	32.53	105	272	P	H
	*	5720	104.69	-	-	94.61	32.14	10.47	32.53	105	272	A	H
		5873	52.4	-15.8	68.2	41.78	32.45	10.66	32.49	105	272	P	H
		5401.09	50.43	-23.57	74	41.29	31.6	10.19	32.65	100	149	P	V
		5465.44	49.49	-18.71	68.2	40.1	31.76	10.24	32.61	100	149	P	V
		5442.82	40.98	-13.02	54	31.7	31.69	10.22	32.63	100	149	A	V
	*	5720	112.23	-	-	102.15	32.14	10.47	32.53	100	149	P	V
	*	5720	105.34	-	-	95.26	32.14	10.47	32.53	100	149	A	V
		5854.5	55.21	-12.99	68.2	44.65	32.41	10.64	32.49	100	149	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

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 HT20 CH 144 5720MHz		11440	47.54	-26.46	74	51.57	39.66	17.86	61.55	100	0	P	H
		17160	48.72	-19.48	68.2	45.17	40	22.56	59.01	100	0	P	H
		11440	48.96	-25.04	74	52.99	39.66	17.86	61.55	100	0	P	V
		17160	50.13	-18.07	68.2	46.58	40	22.56	59.01	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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 142 5710MHz		5377.3	49.1	-24.9	74	40.14	31.46	10.17	32.67	100	272	P	H
		5463.88	51.07	-17.13	68.2	41.68	31.76	10.24	32.61	100	272	P	H
		5449.45	41.61	-12.39	54	32.3	31.7	10.23	32.62	100	272	A	H
	*	5710	110.13	-	-	100.08	32.12	10.46	32.53	100	272	P	H
	*	5710	102.08	-	-	92.03	32.12	10.46	32.53	100	272	A	H
		5855.25	53.78	-14.42	68.2	43.22	32.41	10.64	32.49	100	272	P	H
		5423.32	49.75	-24.25	74	40.53	31.65	10.21	32.64	102	152	P	V
		5466.61	49.99	-18.21	68.2	40.59	31.77	10.24	32.61	102	152	P	V
		5412.01	41.84	-12.16	54	32.67	31.62	10.2	32.65	102	152	A	V
	*	5710	109.97	-	-	99.92	32.12	10.46	32.53	102	152	P	V
	*	5710	101.99	-	-	91.94	32.12	10.46	32.53	102	152	A	V
		5853.75	54.77	-13.43	68.2	44.21	32.41	10.64	32.49	102	152	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n 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)
802.11n		11420	49.24	-24.76	74	53.26	39.68	17.83	61.53	100	0	P	H
HT40		17130	48.18	-20.02	68.2	44.9	39.85	22.51	59.08	100	0	P	H
CH 142		11420	47.89	-26.11	74	51.91	39.68	17.83	61.53	100	0	P	V
5710MHz		17130	47.75	-20.45	68.2	44.47	39.85	22.51	59.08	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		47.46	33.32	-6.68	40	49.69	15.13	1.02	32.52	-	-	P	H
		62.98	33.7	-6.3	40	53.51	11.52	1.17	32.5	-	-	P	H
		84.32	37.12	-2.88	40	54.52	13.69	1.34	32.43	200	163	Q	H
		663.41	41.45	-4.55	46	43.62	26.24	3.7	32.11	199	165	Q	H
		713.85	33.68	-12.32	46	35.37	26.41	3.81	31.91	-	-	P	H
		719.67	34.61	-11.39	46	36.17	26.54	3.83	31.93	-	-	P	H
		46.49	36.9	-3.1	40	52.58	15.83	1.01	32.52	155	200	Q	V
		52.31	36.1	-3.9	40	54.59	12.99	1.05	32.53	154	201	Q	V
		84.32	37.23	-2.77	40	54.63	13.69	1.34	32.43	155	204	Q	V
		663.41	39.23	-6.77	46	41.4	26.24	3.7	32.11	-	-	P	V
		722.58	32.28	-13.72	46	33.77	26.61	3.84	31.94	-	-	P	V
		959.26	31.48	-14.52	46	27.33	30.64	4.46	30.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	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		5147.56	50.64	-23.36	74	41.63	31.8	10.03	32.82	106	270	P	H
		5107.44	42.38	-11.62	54	33.43	31.8	9.99	32.84	106	270	A	H
	*	5260	110.79	-	-	102.02	31.4	10.11	32.74	106	270	P	H
	*	5260	103.56	-	-	94.79	31.4	10.11	32.74	106	270	A	H
		5412.24	51.36	-22.64	74	42.22	31.62	10.17	32.65	106	270	P	H
		5350.08	43.26	-10.74	54	34.51	31.3	10.14	32.69	106	270	A	H
		5133.96	51.07	-22.93	74	42.07	31.8	10.02	32.82	100	294	P	V
		5106.76	43.52	-10.48	54	34.57	31.8	9.99	32.84	100	294	A	V
	*	5260	113.33	-	-	104.56	31.4	10.11	32.74	100	294	P	V
	*	5260	105.99	-	-	97.22	31.4	10.11	32.74	100	294	A	V
		5412.72	51.76	-22.24	74	42.61	31.63	10.17	32.65	100	294	P	V
		5350.32	44.66	-9.34	54	35.91	31.3	10.14	32.69	100	294	A	V
802.11a CH 60 5300MHz		5123.08	50.84	-23.16	74	41.86	31.8	10.01	32.83	100	273	P	H
		5146.2	42.62	-11.38	54	33.61	31.8	10.03	32.82	100	273	A	H
	*	5300	112.1	-	-	103.3	31.4	10.12	32.72	100	273	P	H
	*	5300	103.75	-	-	94.95	31.4	10.12	32.72	100	273	A	H
		5356.56	53.1	-20.9	74	44.3	31.34	10.14	32.68	100	273	P	H
		5380.08	46.43	-7.57	54	37.48	31.48	10.14	32.67	100	273	A	H
		5094.86	51.73	-22.27	74	42.84	31.77	9.97	32.85	100	295	P	V
		5147.9	43.68	-10.32	54	34.67	31.8	10.03	32.82	100	295	A	V
	*	5300	113.52	-	-	104.72	31.4	10.12	32.72	100	295	P	V
	*	5300	106.19	-	-	97.39	31.4	10.12	32.72	100	295	A	V
		5350.8	55.44	-18.56	74	46.69	31.3	10.14	32.69	100	295	P	V
		5350.08	48.67	-5.33	54	39.92	31.3	10.14	32.69	100	295	A	V

802.11a CH 64 5320MHz	*	5320	108.86	-	-	100.08	31.36	10.13	32.71	100	272	P	H
	*	5320	101.65	-	-	92.87	31.36	10.13	32.71	100	272	A	H
		5352.16	60.3	-13.7	74	51.53	31.31	10.14	32.68	100	272	P	H
		5350.08	49.04	-4.96	54	40.29	31.3	10.14	32.69	100	272	A	H
	*	5320	110.9	-	-	102.12	31.36	10.13	32.71	100	296	P	V
	*	5320	103.89	-	-	95.11	31.36	10.13	32.71	100	296	A	V
		5350.56	58.38	-15.62	74	49.63	31.3	10.14	32.69	100	296	P	V
		5351.52	52.93	-1.07	54	44.17	31.31	10.14	32.69	100	296	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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	45.92	-22.28	68.2	50.83	39.9	16.46	61.27	100	0	P	H
		15780	47.77	-26.23	74	50.65	37.22	20.57	60.67	100	0	P	H
		10520	46.31	-21.89	68.2	51.22	39.9	16.46	61.27	100	0	P	V
		15780	46.32	-27.68	74	49.2	37.22	20.57	60.67	100	0	P	V
802.11a CH 60 5300MHz		10600	44.93	-29.07	74	49.83	39.9	16.51	61.31	100	0	P	H
		15900	44.04	-29.96	74	47.44	36.9	20.54	60.84	100	0	P	H
		10600	45.21	-28.79	74	50.11	39.9	16.51	61.31	100	0	P	V
		15900	43.2	-30.8	74	46.6	36.9	20.54	60.84	100	0	P	V
802.11a CH 64 5320MHz		10640	44.67	-29.33	74	49.64	39.82	16.54	61.33	100	0	P	H
		15960	45.45	-28.55	74	49.08	36.78	20.53	60.94	100	0	P	H
		10640	44.73	-29.27	74	49.7	39.82	16.54	61.33	100	0	P	V
		15960	43.75	-30.25	74	47.38	36.78	20.53	60.94	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	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)
		5044.88	50.76	-23.24	74	42.24	31.48	9.92	32.88	106	269	P	H
		5108.12	43.06	-10.94	54	34.11	31.8	9.99	32.84	106	269	A	H
	*	5260	111.77	-	-	103	31.4	10.11	32.74	106	269	P	H
	*	5260	104.31	-	-	95.54	31.4	10.11	32.74	106	269	A	H
802.11n		5354.4	52.45	-21.55	74	43.66	31.33	10.14	32.68	106	269	P	H
HT20		5350.08	44.23	-9.77	54	35.48	31.3	10.14	32.69	106	269	A	H
CH 52		5144.84	51.59	-22.41	74	42.58	31.8	10.03	32.82	100	293	P	V
5260MHz		5108.12	43.95	-10.05	54	35	31.8	9.99	32.84	100	293	A	V
	*	5260	114.34	-	-	105.57	31.4	10.11	32.74	100	293	P	V
	*	5260	107.02	-	-	98.25	31.4	10.11	32.74	100	293	A	V
		5353.2	53.46	-20.54	74	44.68	31.32	10.14	32.68	100	293	P	V
		5350.56	45.8	-8.2	54	37.05	31.3	10.14	32.69	100	293	A	V
		5084.32	50.26	-23.74	74	41.45	31.71	9.96	32.86	103	271	P	H
		5148.24	42.9	-11.1	54	33.89	31.8	10.03	32.82	103	271	A	H
	*	5300	110.8	-	-	102	31.4	10.12	32.72	103	271	P	H
	*	5300	103.62	-	-	94.82	31.4	10.12	32.72	103	271	A	H
802.11n		5372.16	54.14	-19.86	74	45.24	31.43	10.14	32.67	103	271	P	H
HT20		5380.08	46.77	-7.23	54	37.82	31.48	10.14	32.67	103	271	A	H
CH 60		5108.8	50.3	-23.7	74	41.35	31.8	9.99	32.84	100	293	P	V
5300MHz		5148.58	43.79	-10.21	54	34.77	31.8	10.03	32.81	100	293	A	V
	*	5300	113.65	-	-	104.85	31.4	10.12	32.72	100	293	P	V
	*	5300	106.29	-	-	97.49	31.4	10.12	32.72	100	293	A	V
		5360.16	55.85	-18.15	74	47.03	31.36	10.14	32.68	100	293	P	V
		5350.08	48.42	-5.58	54	39.67	31.3	10.14	32.69	100	293	A	V

802.11n HT20 CH 64 5320MHz	*	5320	108.3	-	-	99.52	31.36	10.13	32.71	113	265	P	H
	*	5320	101.34	-	-	92.56	31.36	10.13	32.71	113	265	A	H
		5350.88	56.95	-17.05	74	48.19	31.31	10.14	32.69	113	265	P	H
		5350.08	50.8	-3.2	54	42.05	31.3	10.14	32.69	113	265	A	H
	*	5320	111.28	-	-	102.5	31.36	10.13	32.71	100	293	P	V
	*	5320	103.88	-	-	95.1	31.36	10.13	32.71	100	293	A	V
		5356.64	59.69	-14.31	74	50.89	31.34	10.14	32.68	100	293	P	V
		5350.08	51.85	-2.15	54	43.1	31.3	10.14	32.69	100	293	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 HT20 (Harmonic @ 3m)

WIFI Ant. 2	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		10520	45.11	-23.09	68.2	50.02	39.9	16.46	61.27	100	0	P	H
HT20		15780	44.66	-29.34	74	47.54	37.22	20.57	60.67	100	0	P	H
CH 52		10520	45.91	-22.29	68.2	50.82	39.9	16.46	61.27	100	0	P	V
5260MHz		15780	45.61	-28.39	74	48.49	37.22	20.57	60.67	100	0	P	V
802.11n		10600	44.47	-29.53	74	49.37	39.9	16.51	61.31	100	0	P	H
HT20		15900	43.58	-30.42	74	46.98	36.9	20.54	60.84	100	0	P	H
CH 60		10600	44.48	-29.52	74	49.38	39.9	16.51	61.31	100	0	P	V
5300MHz		15900	43.59	-30.41	74	46.99	36.9	20.54	60.84	100	0	P	V
802.11n		10640	44	-30	74	48.97	39.82	16.54	61.33	100	0	P	H
HT20		15960	43.95	-30.05	74	47.58	36.78	20.53	60.94	100	0	P	H
CH 64		10640	44.64	-29.36	74	49.61	39.82	16.54	61.33	100	0	P	V
5320MHz		15960	43.6	-30.4	74	47.23	36.78	20.53	60.94	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	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		5125.46	51.71	-22.29	74	42.73	31.8	10.01	32.83	100	270	P	H
		5119.34	43.57	-10.43	54	34.6	31.8	10	32.83	100	270	A	H
	*	5270	108.52	-	-	99.75	31.4	10.11	32.74	100	270	P	H
	*	5270	100.7	-	-	91.93	31.4	10.11	32.74	100	270	A	H
		5355.6	58.57	-15.43	74	49.78	31.33	10.14	32.68	100	270	P	H
		5351.28	49.28	-4.72	54	40.52	31.31	10.14	32.69	100	270	A	H
		5149.26	51.22	-22.78	74	42.2	31.8	10.03	32.81	100	292	P	V
		5123.08	44.89	-9.11	54	35.91	31.8	10.01	32.83	100	292	A	V
	*	5270	110.75	-	-	101.98	31.4	10.11	32.74	100	292	P	V
	*	5270	103.06	-	-	94.29	31.4	10.11	32.74	100	292	A	V
		5363.52	63.58	-10.42	74	54.74	31.38	10.14	32.68	100	292	P	V
		5350.8	51.19	-2.81	54	42.44	31.3	10.14	32.69	100	292	A	V
802.11n HT40 CH 62 5310MHz		5145.86	50.3	-23.7	74	41.29	31.8	10.03	32.82	103	266	P	H
		5113.22	42.43	-11.57	54	33.48	31.8	9.99	32.84	103	266	A	H
	*	5310	100.04	-	-	91.25	31.38	10.12	32.71	103	266	P	H
	*	5310	92.2	-	-	83.41	31.38	10.12	32.71	103	266	A	H
		5352.96	57.47	-16.53	74	48.69	31.32	10.14	32.68	103	266	P	H
		5350.56	50.03	-3.97	54	41.28	31.3	10.14	32.69	103	266	A	H
		5014.28	50.86	-23.14	74	42.51	31.36	9.89	32.9	111	294	P	V
		5134.3	42.4	-11.6	54	33.4	31.8	10.02	32.82	111	294	A	V
	*	5310	102.47	-	-	93.68	31.38	10.12	32.71	111	294	P	V
	*	5310	94.79	-	-	86	31.38	10.12	32.71	111	294	A	V
		5351.04	63.6	-10.4	74	54.84	31.31	10.14	32.69	111	294	P	V
		5351.52	53.06	-0.94	54	44.3	31.31	10.14	32.69	111	294	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. 2	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		10540	45.84	-22.36	68.2	50.75	39.9	16.47	61.28	100	0	P	H
HT40		15810	43.89	-30.11	74	46.88	37.17	20.56	60.72	100	0	P	H
CH 54		10540	45.25	-22.95	68.2	50.16	39.9	16.47	61.28	100	0	P	V
5270MHz		15810	44.52	-29.48	74	47.51	37.17	20.56	60.72	100	0	P	V
802.11n		10620	44.97	-29.03	74	49.91	39.86	16.52	61.32	100	0	P	H
HT40		15930	42.97	-31.03	74	46.48	36.84	20.54	60.89	100	0	P	H
CH 62		10620	45.65	-28.35	74	50.59	39.86	16.52	61.32	100	0	P	V
5310MHz		15930	43.29	-30.71	74	46.8	36.84	20.54	60.89	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	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		5450.48	54.94	-19.06	74	45.63	31.7	10.23	32.62	103	281	P	H
		5468.72	58.87	-9.33	68.2	49.45	31.77	10.26	32.61	103	281	P	H
		5459.28	46.12	-7.88	54	36.76	31.74	10.24	32.62	103	281	A	H
	*	5500	108.94	-	-	99.32	31.9	10.31	32.59	103	281	P	H
	*	5500	101.63	-	-	92.01	31.9	10.31	32.59	103	281	A	H
		5457.52	56.22	-17.78	74	46.87	31.73	10.24	32.62	114	295	P	V
		5470	63.65	-4.55	68.2	54.22	31.78	10.26	32.61	114	295	P	V
		5458.16	47.71	-6.29	54	38.36	31.73	10.24	32.62	114	295	A	V
	*	5500	110.4	-	-	100.78	31.9	10.31	32.59	114	295	P	V
	*	5500	103.21	-	-	93.59	31.9	10.31	32.59	114	295	A	V
802.11a CH 116 5580MHz		5447.44	51.06	-22.94	74	41.77	31.69	10.22	32.62	100	82	P	H
		5465.68	50.6	-17.6	68.2	41.2	31.76	10.25	32.61	100	82	P	H
		5427.76	42.86	-11.14	54	33.65	31.66	10.19	32.64	100	82	A	H
	*	5580	111.58	-	-	101.86	31.86	10.43	32.57	100	82	P	H
	*	5580	104.07	-	-	94.35	31.86	10.43	32.57	100	82	A	H
		5733.5	52.83	-15.37	68.2	42.65	32.17	10.53	32.52	100	82	P	H
		5451.28	50.56	-23.44	74	41.24	31.71	10.23	32.62	100	334	P	V
		5467.36	50.71	-17.49	68.2	41.3	31.77	10.25	32.61	100	334	P	V
		5427.52	42.86	-11.14	54	33.65	31.66	10.19	32.64	100	334	A	V
	*	5580	111.63	-	-	101.91	31.86	10.43	32.57	100	334	P	V
	*	5580	104.39	-	-	94.67	31.86	10.43	32.57	100	334	A	V
		5734.13	51.95	-16.25	68.2	41.77	32.17	10.53	32.52	100	334	P	V

802.11a CH 140 5700MHz	*	5700	107.94	-	-	97.86	32.1	10.51	32.53	106	86	P	H
	*	5700	100.8	-	-	90.72	32.1	10.51	32.53	106	86	A	H
		5725.4	62.58	-5.62	68.2	52.43	32.15	10.53	32.53	106	86	P	H
	*	5700	108.89	-	-	98.81	32.1	10.51	32.53	100	348	P	V
	*	5700	101.99	-	-	91.91	32.1	10.51	32.53	100	348	A	V
		5725.88	63.48	-4.72	68.2	53.33	32.15	10.53	32.53	100	348	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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	46.46	-27.54	74	51.21	40	16.76	61.51	100	0	P	H
		16500	52.07	-16.13	68.2	53.53	38.4	21.19	61.05	100	0	P	H
		11000	45.44	-28.56	74	50.19	40	16.76	61.51	100	0	P	V
		16500	52.22	-15.98	68.2	53.68	38.4	21.19	61.05	100	0	P	V
802.11a CH 116 5580MHz		11160	48.71	-25.29	74	53.56	39.48	16.99	61.32	100	0	P	H
		16740	50.06	-18.14	68.2	49.75	39.38	21.51	60.58	100	0	P	H
		11160	48.89	-25.11	74	53.74	39.48	16.99	61.32	100	0	P	V
		16740	50.54	-17.66	68.2	50.23	39.38	21.51	60.58	100	0	P	V
802.11a CH 140 5700MHz		11400	46.35	-27.65	74	50.36	39.7	17.34	61.05	100	0	P	H
		17100	47.86	-20.34	68.2	46.38	39.7	21.95	60.17	100	0	P	H
		11400	46.81	-27.19	74	50.82	39.7	17.34	61.05	100	0	P	V
		17100	48.45	-19.75	68.2	46.97	39.7	21.95	60.17	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	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)
		5456.72	56.26	-17.74	74	46.91	31.73	10.24	32.62	100	267	P	H
		5469.68	63.69	-4.51	68.2	54.26	31.78	10.26	32.61	100	267	P	H
		5460	46.86	-7.14	54	37.5	31.74	10.24	32.62	100	267	A	H
802.11n	*	5500	108.46	-	-	98.84	31.9	10.31	32.59	100	267	P	H
HT20	*	5500	101.44	-	-	91.82	31.9	10.31	32.59	100	267	A	H
CH 100		5454.8	58.65	-15.35	74	49.32	31.72	10.23	32.62	100	156	P	V
5500MHz		5467.28	67.02	-1.18	68.2	57.61	31.77	10.25	32.61	100	156	P	V
		5459.12	47.78	-6.22	54	38.42	31.74	10.24	32.62	100	156	A	V
	*	5500	110.69	-	-	101.07	31.9	10.31	32.59	100	156	P	V
	*	5500	103.34	-	-	93.72	31.9	10.31	32.59	100	156	A	V
		5456.56	50.33	-23.67	74	40.98	31.73	10.24	32.62	100	85	P	H
		5469.52	50.9	-17.3	68.2	41.47	31.78	10.26	32.61	100	85	P	H
		5428.48	42.13	-11.87	54	32.92	31.66	10.19	32.64	100	85	A	H
	*	5580	110.57	-	-	100.85	31.86	10.43	32.57	100	85	P	H
802.11n	*	5580	103.26	-	-	93.54	31.86	10.43	32.57	100	85	A	H
HT20		5735.39	53.33	-14.87	68.2	43.15	32.17	10.53	32.52	100	85	P	H
CH 116		5427.52	52.36	-21.64	74	43.15	31.66	10.19	32.64	107	340	P	V
5580MHz		5468.56	51.49	-16.71	68.2	42.07	31.77	10.26	32.61	107	340	P	V
		5428.48	43.47	-10.53	54	34.26	31.66	10.19	32.64	107	340	A	V
	*	5580	110.95	-	-	101.23	31.86	10.43	32.57	107	340	P	V
	*	5580	103.94	-	-	94.22	31.86	10.43	32.57	107	340	A	V
		5733.185	52.3	-15.9	68.2	42.12	32.17	10.53	32.52	107	340	P	V

802.11n HT20 CH 140 5700MHz	*	5700	108.19	-	-	98.11	32.1	10.51	32.53	100	83	P	H
	*	5700	101.06	-	-	90.98	32.1	10.51	32.53	100	83	A	H
		5725.72	64.31	-3.89	68.2	54.16	32.15	10.53	32.53	100	83	P	H
	*	5700	108.54	-	-	98.46	32.1	10.51	32.53	100	336	P	V
	*	5700	101.52	-	-	91.44	32.1	10.51	32.53	100	336	A	V
		5725.32	66.02	-2.18	68.2	55.87	32.15	10.53	32.53	100	336	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 HT20 (Harmonic @ 3m)

WIFI Ant. 2	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		11000	46.65	-27.35	74	51.4	40	16.76	61.51	100	0	P	H
HT20		16500	50.89	-17.31	68.2	52.35	38.4	21.19	61.05	100	0	P	H
CH 100		11000	45.97	-28.03	74	50.72	40	16.76	61.51	100	0	P	V
5500MHz		16500	53.99	-14.21	68.2	55.45	38.4	21.19	61.05	100	0	P	V
802.11n		11160	47.93	-26.07	74	52.78	39.48	16.99	61.32	100	0	P	H
HT20		16740	53.14	-15.06	68.2	52.83	39.38	21.51	60.58	100	0	P	H
CH 116		11160	47.69	-26.31	74	52.54	39.48	16.99	61.32	100	0	P	V
5580MHz		16740	52.99	-15.21	68.2	52.68	39.38	21.51	60.58	100	0	P	V
802.11n		11400	46.61	-27.39	74	50.62	39.7	17.34	61.05	100	0	P	H
HT20		17100	48.62	-19.58	68.2	47.14	39.7	21.95	60.17	100	0	P	H
CH 140		11400	47.41	-26.59	74	51.42	39.7	17.34	61.05	100	0	P	V
5700MHz		17100	49.17	-19.03	68.2	47.69	39.7	21.95	60.17	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	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	60.73	-13.27	74	51.39	31.72	10.24	32.62	116	265	P	H
		5470	66.4	-1.8	68.2	56.97	31.78	10.26	32.61	116	265	P	H
		5459.92	48.35	-5.65	54	38.99	31.74	10.24	32.62	116	265	A	H
	*	5510	102.48	-	-	92.87	31.88	10.32	32.59	116	265	P	H
802.11n	*	5510	94.95	-	-	85.34	31.88	10.32	32.59	116	265	A	H
HT40		5727.83	52.15	-16.05	68.2	41.99	32.16	10.53	32.53	116	265	P	H
CH 102		5458.24	59.78	-14.22	74	50.43	31.73	10.24	32.62	100	157	P	V
5510MHz		5468.56	66.81	-1.39	68.2	57.39	31.77	10.26	32.61	100	157	P	V
		5459.92	47.46	-6.54	54	38.1	31.74	10.24	32.62	100	157	A	V
	*	5510	103.05	-	-	93.44	31.88	10.32	32.59	100	157	P	V
	*	5510	95.71	-	-	86.1	31.88	10.32	32.59	100	157	A	V
		5754.29	50.77	-17.43	68.2	40.54	32.21	10.54	32.52	100	157	P	V
		5450.08	56.77	-17.23	74	47.46	31.7	10.23	32.62	100	269	P	H
		5460.88	61.18	-7.02	68.2	51.82	31.74	10.24	32.62	100	269	P	H
		5459.68	45.37	-8.63	54	36.01	31.74	10.24	32.62	100	269	A	H
	*	5550	107.54	-	-	97.94	31.8	10.38	32.58	100	269	P	H
802.11n	*	5550	99.53	-	-	89.93	31.8	10.38	32.58	100	269	A	H
HT40		5745.785	51.36	-16.84	68.2	41.15	32.19	10.54	32.52	100	269	P	H
CH 110		5459.92	59.41	-14.59	74	50.05	31.74	10.24	32.62	100	337	P	V
5550MHz		5467.6	62.34	-5.86	68.2	52.93	31.77	10.25	32.61	100	337	P	V
		5459.68	46.14	-7.86	54	36.78	31.74	10.24	32.62	100	337	A	V
	*	5550	109.16	-	-	99.56	31.8	10.38	32.58	100	337	P	V
	*	5550	101.46	-	-	91.86	31.8	10.38	32.58	100	337	A	V
		5728.775	52.13	-16.07	68.2	41.97	32.16	10.53	32.53	100	337	P	V

		5425.95	49.11	-24.89	74	39.91	31.65	10.19	32.64	110	85	P	H
		5467.6	48.76	-19.44	68.2	39.35	31.77	10.25	32.61	110	85	P	H
		5454.65	41.77	-12.23	54	32.44	31.72	10.23	32.62	110	85	A	H
	*	5670	106.24	-	-	96.36	31.92	10.5	32.54	110	85	P	H
802.11n	*	5670	98.38	-	-	88.5	31.92	10.5	32.54	110	85	A	H
HT40		5725	65.89	-2.31	68.2	55.74	32.15	10.53	32.53	110	85	P	H
CH 134		5458.15	50.53	-23.47	74	41.18	31.73	10.24	32.62	100	338	P	V
5670MHz		5467.25	49.67	-18.53	68.2	40.26	31.77	10.25	32.61	100	338	P	V
		5459.2	41.73	-12.27	54	32.37	31.74	10.24	32.62	100	338	A	V
	*	5670	108.59	-	-	98.71	31.92	10.5	32.54	100	338	P	V
	*	5670	99.88	-	-	90	31.92	10.5	32.54	100	338	A	V
		5725.8	65.91	-2.29	68.2	55.76	32.15	10.53	32.53	100	338	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. 2	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		11020	45.53	-28.47	74	50.31	39.92	16.79	61.49	100	0	P	H
HT40		16530	47.42	-20.78	68.2	48.65	38.52	21.23	60.98	100	0	P	H
CH 102		11020	45.87	-28.13	74	50.65	39.92	16.79	61.49	100	0	P	V
5510MHz		16530	47.35	-20.85	68.2	48.58	38.52	21.23	60.98	100	0	P	V
802.11n		11100	45.31	-28.69	74	50.19	39.6	16.91	61.39	100	0	P	H
HT40		16650	50.1	-18.1	68.2	50.51	38.95	21.39	60.75	100	0	P	H
CH 110		11100	45.56	-28.44	74	50.44	39.6	16.91	61.39	100	0	P	V
5550MHz		16650	50.28	-17.92	68.2	50.69	38.95	21.39	60.75	100	0	P	V
802.11n		11340	49.12	-24.88	74	53.46	39.52	17.26	61.12	100	0	P	H
HT40		17010	50.78	-17.42	68.2	49.3	39.7	21.87	60.09	100	0	P	H
CH 134		11340	48.6	-25.4	74	52.94	39.52	17.26	61.12	100	0	P	V
5670MHz		17010	48.72	-19.48	68.2	47.24	39.7	21.87	60.09	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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.	
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5445.94	49.2	-24.8	74	39.91	31.69	10.22	32.62	110	71	P	H
		5464.66	49.9	-18.3	68.2	40.51	31.76	10.24	32.61	110	71	P	H
		5450.23	40.85	-13.15	54	31.54	31.7	10.23	32.62	110	71	A	H
	*	5720	112.5	-	-	102.42	32.14	10.47	32.53	110	71	P	H
	*	5720	105.4	-	-	95.32	32.14	10.47	32.53	110	71	A	H
		5872	52.6	-15.6	68.2	41.99	32.44	10.66	32.49	110	71	P	H
		5429.56	50.24	-23.76	74	41.01	31.66	10.21	32.64	105	203	P	V
		5460.37	49.68	-18.52	68.2	40.32	31.74	10.24	32.62	105	203	P	V
		5454.91	40.96	-13.04	54	31.63	31.72	10.23	32.62	105	203	A	V
	*	5720	111.89	-	-	101.81	32.14	10.47	32.53	105	203	P	V
	*	5720	104.32	-	-	94.24	32.14	10.47	32.53	105	203	A	V
		5873	52.28	-15.92	68.2	41.66	32.45	10.66	32.49	105	203	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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 144 5720MHz		11440	48.77	-25.23	74	52.8	39.66	17.86	61.55	100	0	P	H
		17160	50.05	-18.15	68.2	46.5	40	22.56	59.01	100	0	P	H
		11440	49.04	-24.96	74	53.07	39.66	17.86	61.55	100	0	P	V
		17160	50.85	-17.35	68.2	47.3	40	22.56	59.01	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	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 HT20 CH 144 5720MHz		5431.12	49.19	-24.81	74	39.95	31.66	10.21	32.63	109	70	P	H
		5460.76	49.04	-19.16	68.2	39.68	31.74	10.24	32.62	109	70	P	H
		5458.03	40.67	-13.33	54	31.33	31.73	10.23	32.62	109	70	A	H
	*	5720	112.5	-	-	102.42	32.14	10.47	32.53	109	70	P	H
	*	5720	105.13	-	-	95.05	32.14	10.47	32.53	109	70	A	H
		5874.5	52.96	-15.24	68.2	42.34	32.45	10.66	32.49	109	70	P	H
		5451.01	49.97	-24.03	74	40.66	31.7	10.23	32.62	123	203	P	V
		5465.05	47.78	-20.42	68.2	38.39	31.76	10.24	32.61	123	203	P	V
		5458.03	40.93	-13.07	54	31.59	31.73	10.23	32.62	123	203	A	V
	*	5720	111.35	-	-	101.27	32.14	10.47	32.53	123	203	P	V
	*	5720	104.19	-	-	94.11	32.14	10.47	32.53	123	203	A	V
		5884.5	52.17	-16.03	68.2	41.5	32.47	10.68	32.48	123	203	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	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 HT20 CH 144 5720MHz		11440	48	-26	74	52.03	39.66	17.86	61.55	100	0	P	H
		17160	49.44	-18.76	68.2	45.89	40	22.56	59.01	100	0	P	H
		11440	49.04	-24.96	74	53.07	39.66	17.86	61.55	100	0	P	V
		17160	49.61	-18.59	68.2	46.06	40	22.56	59.01	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	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 142 5710MHz		5439.31	49.14	-24.86	74	39.87	31.68	10.22	32.63	100	70	P	H
		5461.15	48.96	-19.24	68.2	39.59	31.74	10.24	32.61	100	70	P	H
		5452.96	41.3	-12.7	54	31.98	31.71	10.23	32.62	100	70	A	H
	*	5710	109.41	-	-	99.36	32.12	10.46	32.53	100	70	P	H
	*	5710	101.75	-	-	91.7	32.12	10.46	32.53	100	70	A	H
		5856.25	52.37	-15.83	68.2	41.81	32.41	10.64	32.49	100	70	P	H
		5404.99	50.04	-23.96	74	40.89	31.61	10.19	32.65	100	204	P	V
		5470	49.96	-18.24	68.2	40.55	31.78	10.24	32.61	100	204	P	V
		5447.11	41.59	-12.41	54	32.29	31.69	10.23	32.62	100	204	A	V
	*	5710	109.37	-	-	99.32	32.12	10.46	32.53	100	204	P	V
	*	5710	101.16	-	-	91.11	32.12	10.46	32.53	100	204	A	V
		5861.75	52.41	-15.79	68.2	41.83	32.42	10.65	32.49	100	204	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	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		11420	48.24	-25.76	74	52.26	39.68	17.83	61.53	100	0	P	H
HT40		17130	48.38	-19.82	68.2	45.1	39.85	22.51	59.08	100	0	P	H
CH 142		11420	48.17	-25.83	74	52.19	39.68	17.83	61.53	100	0	P	V
5710MHz		17130	48.54	-19.66	68.2	45.26	39.85	22.51	59.08	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		55.22	31.96	-8.04	40	51.26	12.13	1.09	32.52	-	-	P	H
		62.98	31.76	-8.24	40	51.57	11.52	1.17	32.5	200	165	Q	H
		85.29	34.64	-5.36	40	51.86	13.86	1.35	32.43	205	163	Q	H
		655.65	33.71	-12.29	46	35.87	26.31	3.69	32.16	-	-	P	H
		665.35	41.33	-4.67	46	43.52	26.21	3.7	32.1	187	133	Q	H
		718.7	34.61	-11.39	46	36.18	26.52	3.83	31.92	-	-	P	H
		46.49	37.95	-2.05	40	53.63	15.83	1.01	32.52	150	200	Q	V
		54.25	33.77	-6.23	40	52.86	12.36	1.08	32.53	151	203	Q	V
		84.32	36.92	-3.08	40	54.32	13.69	1.34	32.43	150	204	Q	V
		665.35	39.84	-6.16	46	42.03	26.21	3.7	32.1	-	-	P	V
		832.19	31.22	-14.78	46	31.15	27.97	4.12	32.02	-	-	P	V
		958.29	30.91	-15.09	46	26.84	30.57	4.46	30.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**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.	
2		(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 C. Radiated Spurious Emission

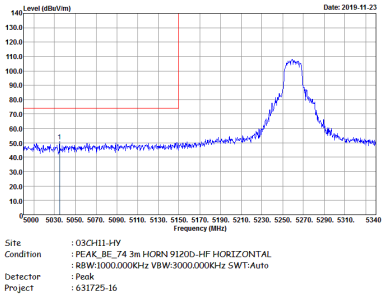
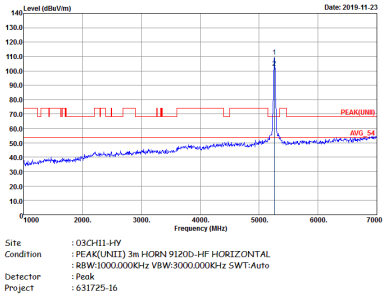
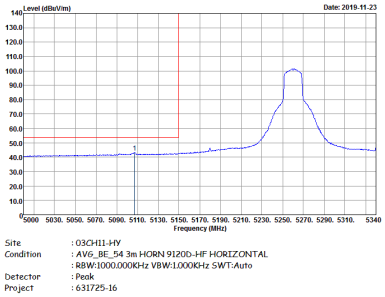
Test Engineer :	Cookie Ku, Fu Chen and Troye Hsieh	**Temperature :**	19.9~26.4°C
		Relative Humidity :	51.5~68.3%

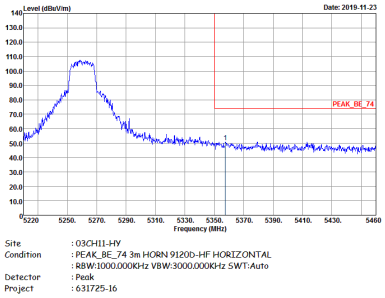
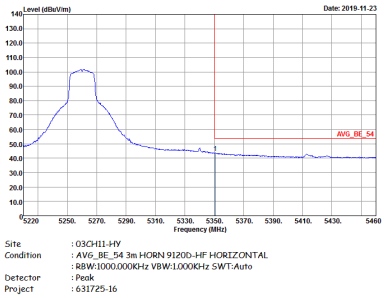
Note symbol

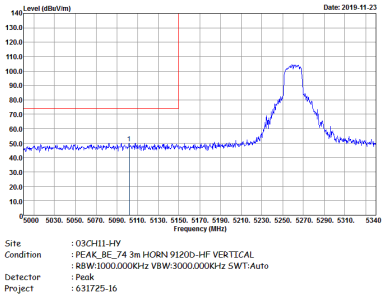
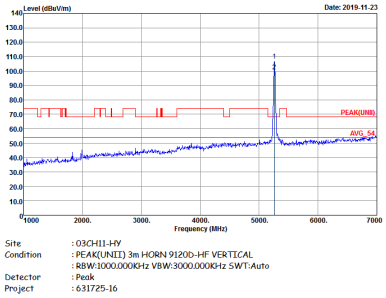
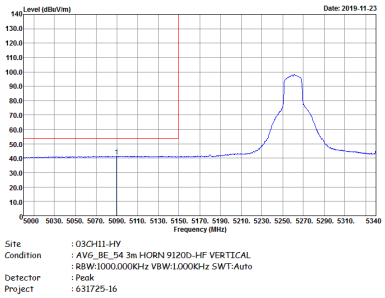
-L	**Low channel location**
-R	**High channel location**

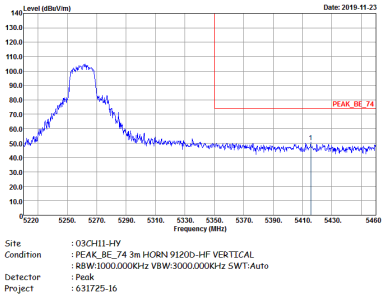
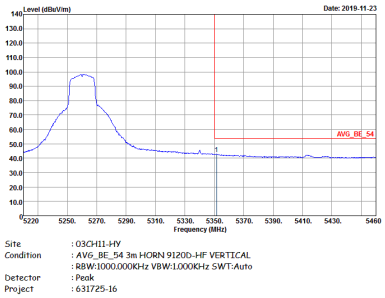
Band 2 - 5250~5350MHz

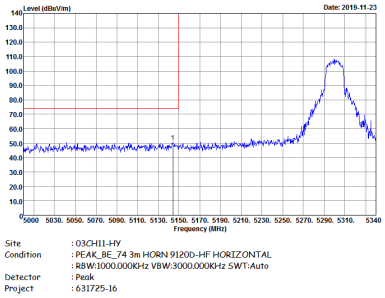
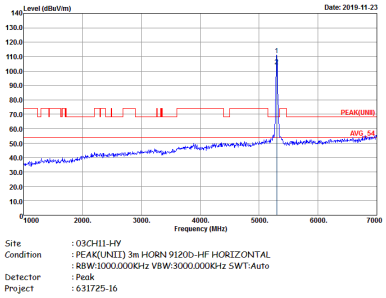
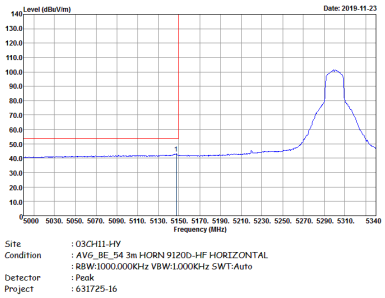
WIFI 802.11a (Band Edge @ 3m)

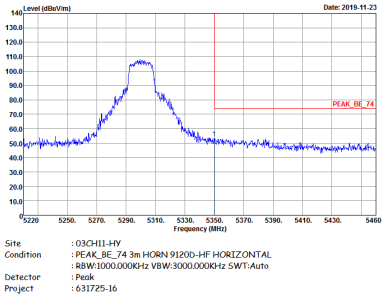
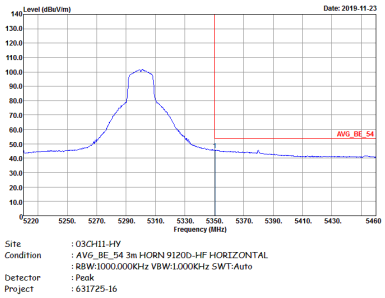
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

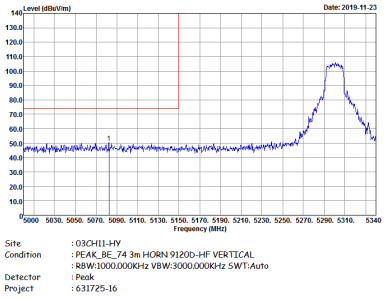
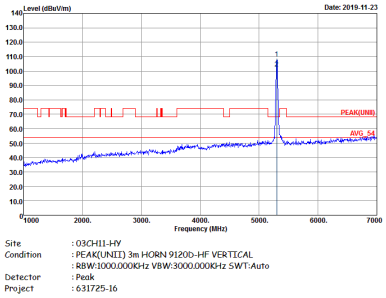
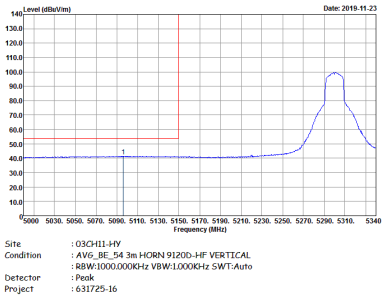
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

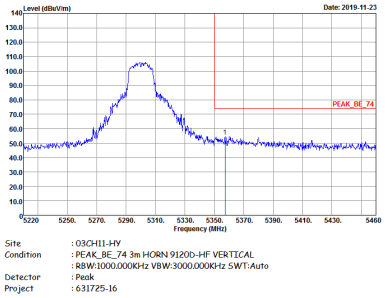
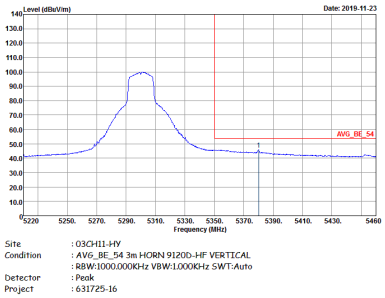
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

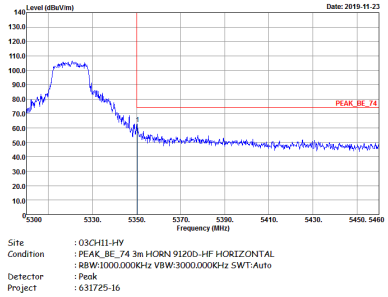
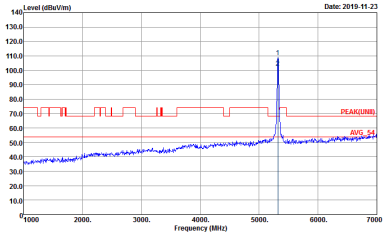
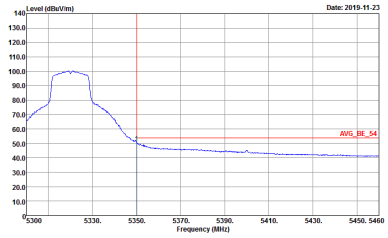
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

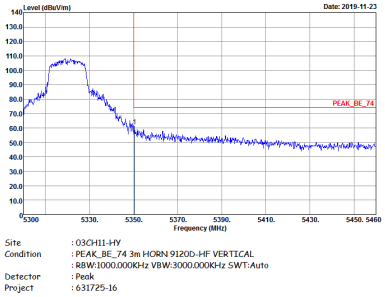
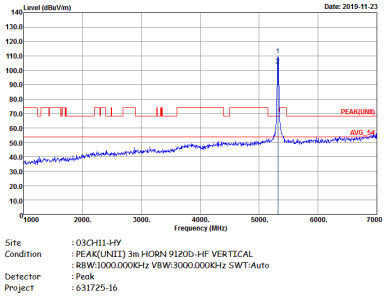
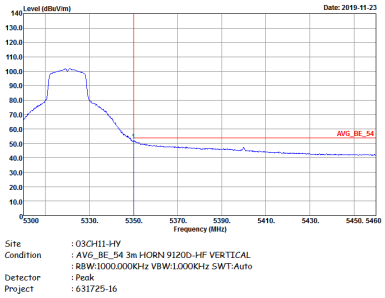
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

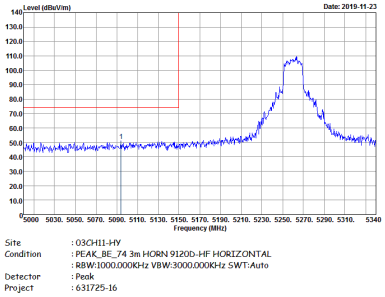
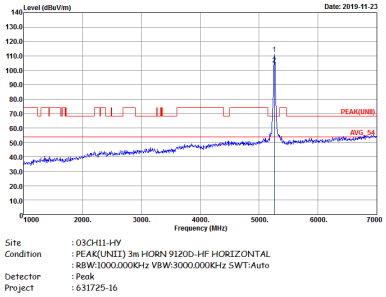
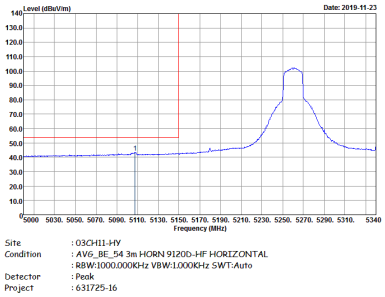
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

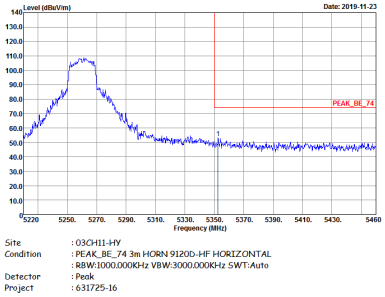
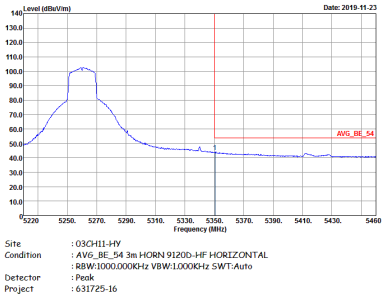
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

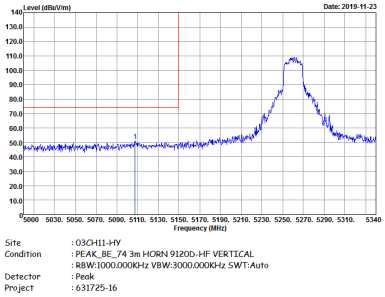
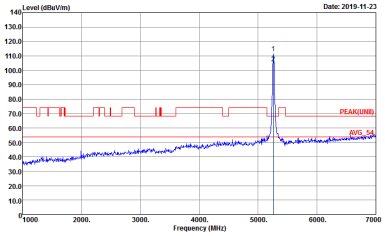
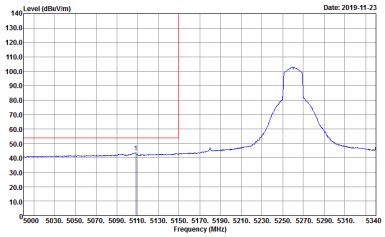
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

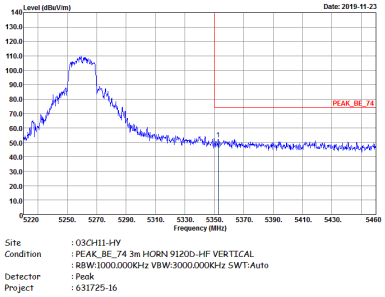
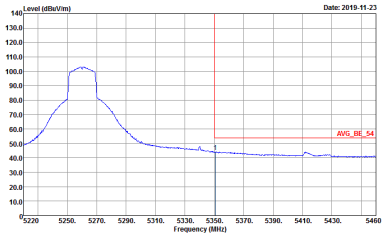
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

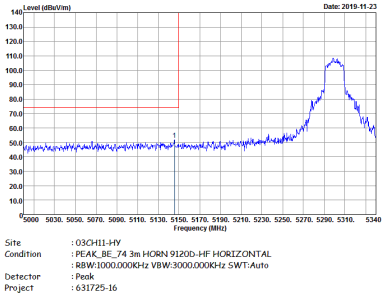
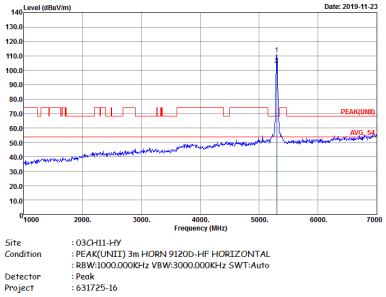
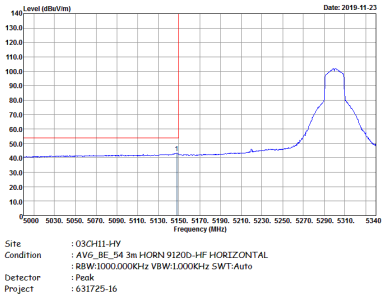
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

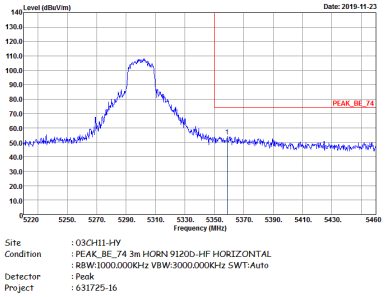
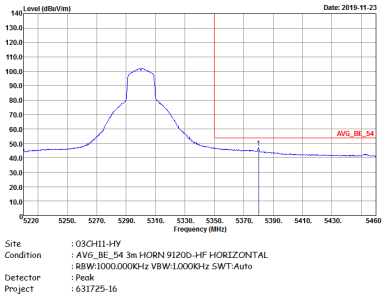
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

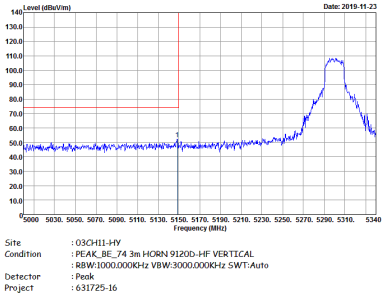
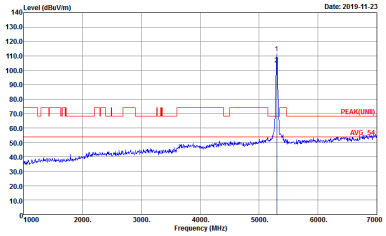
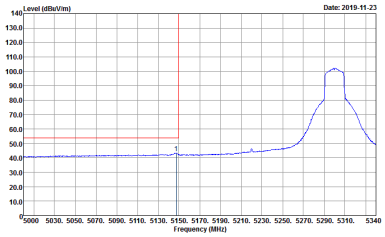
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

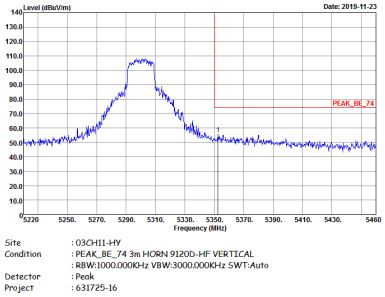
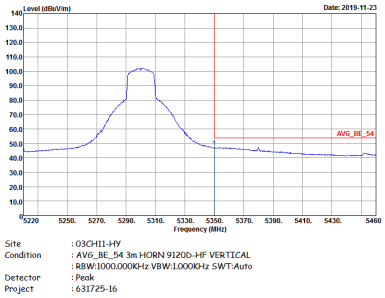
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

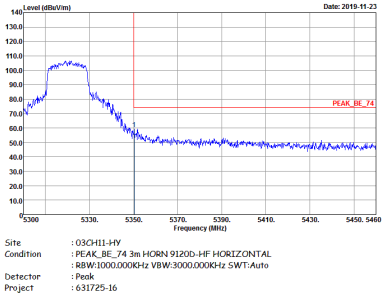
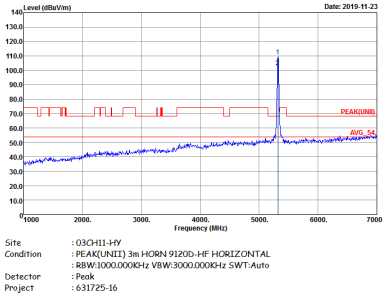
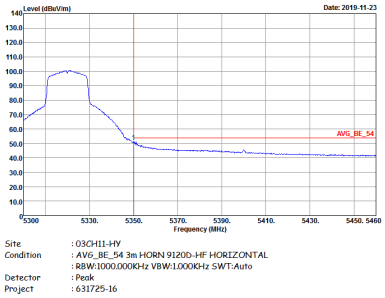
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

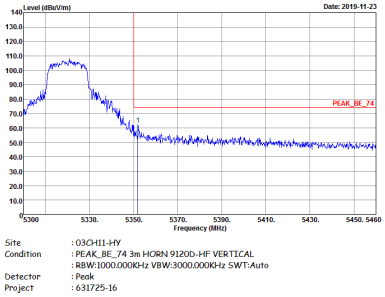
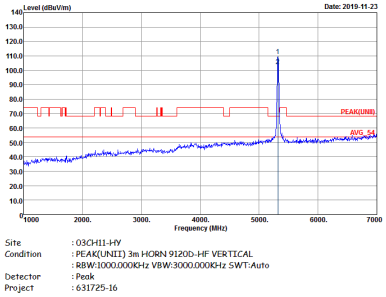
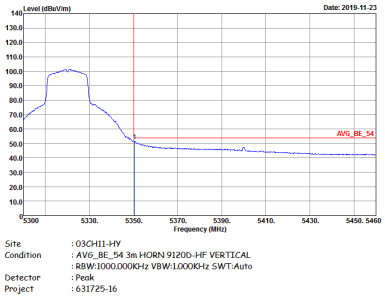
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

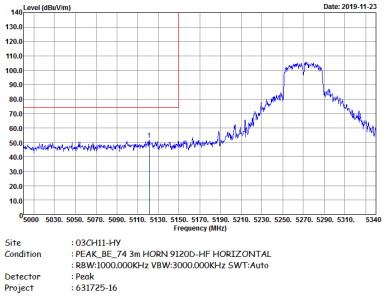
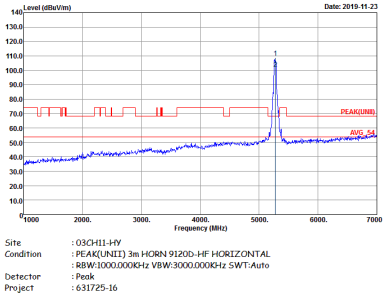
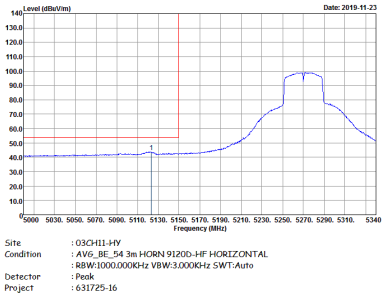
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

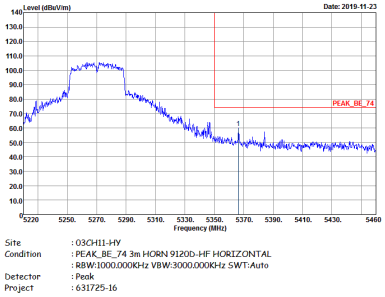
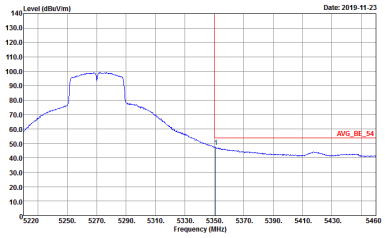
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

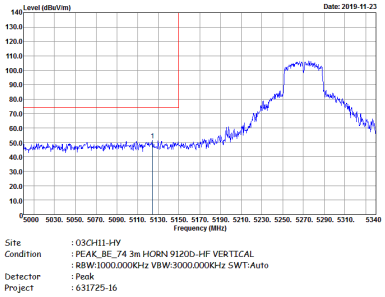
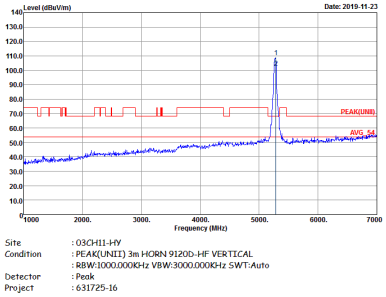
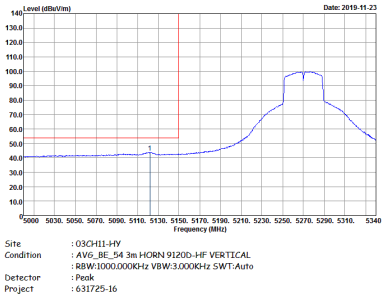
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

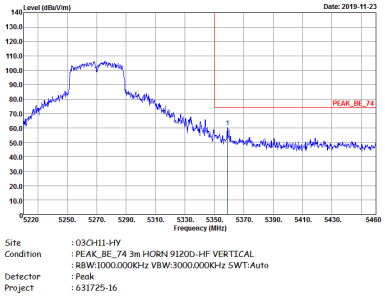
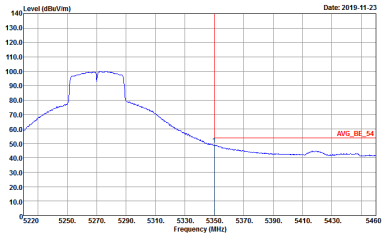
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

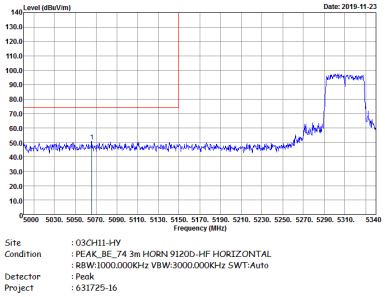
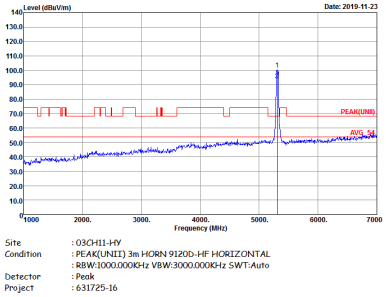
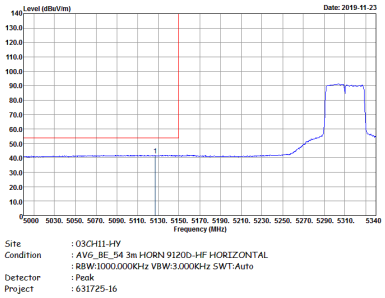
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

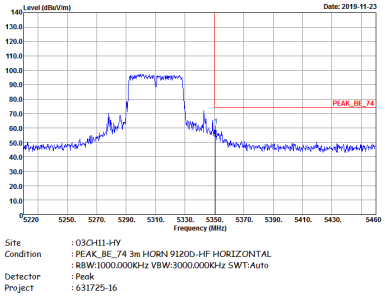
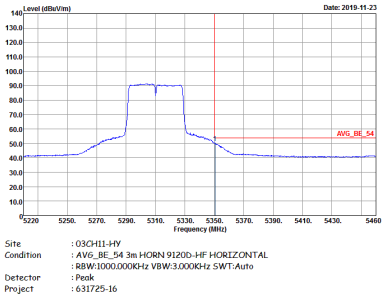
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

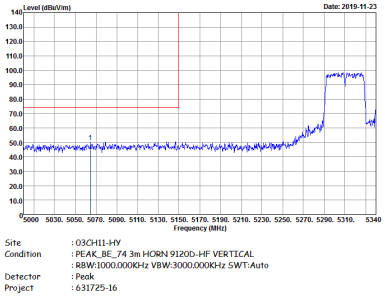
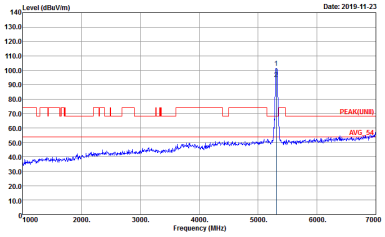
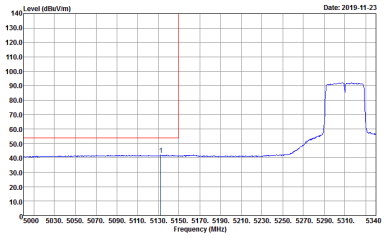
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

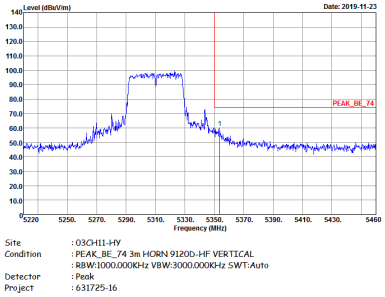
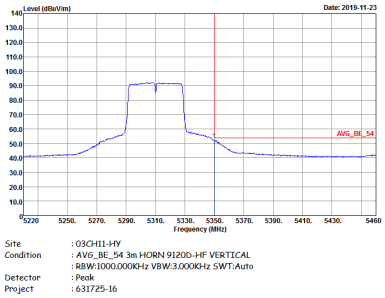
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

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

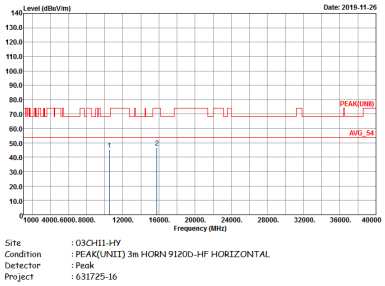
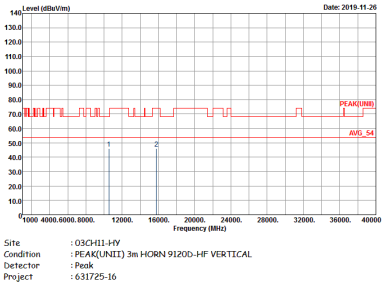
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

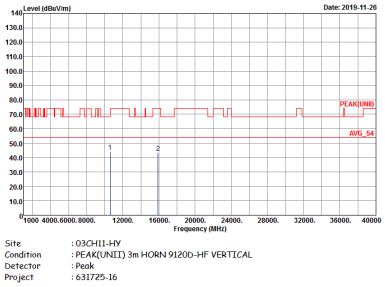
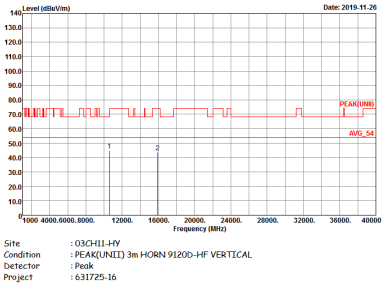
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

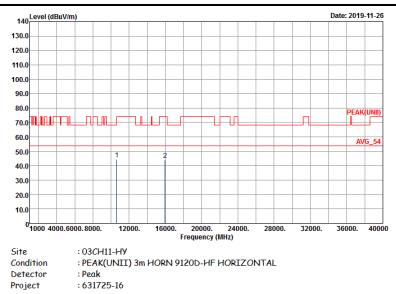
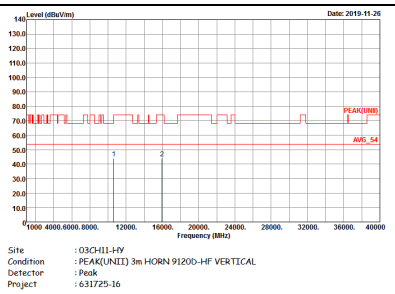
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

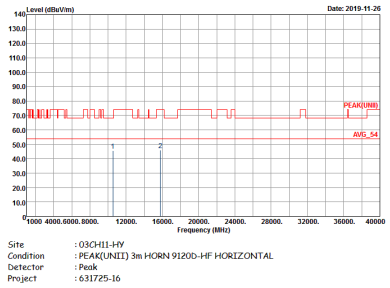
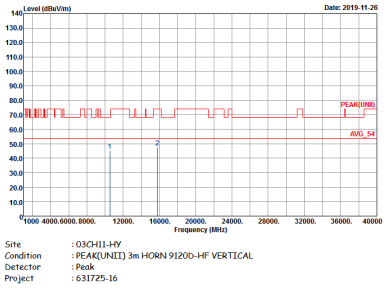
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

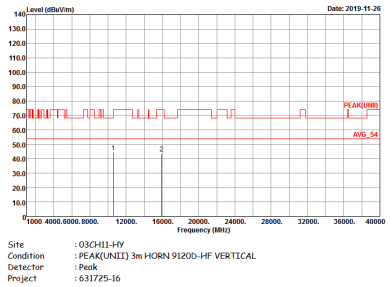
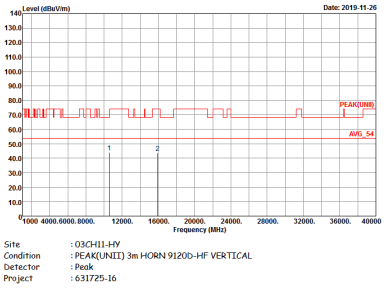
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.		

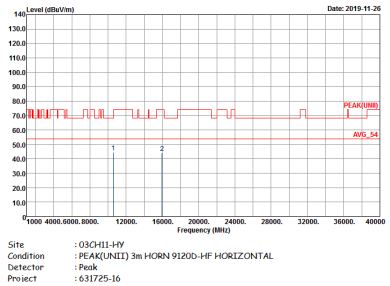
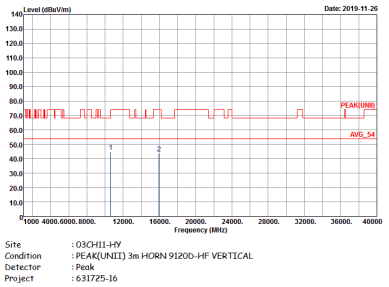
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

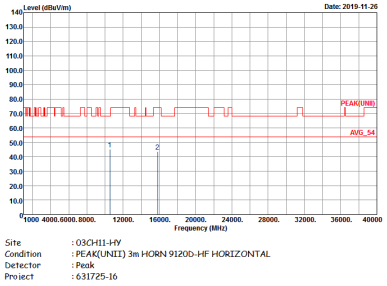
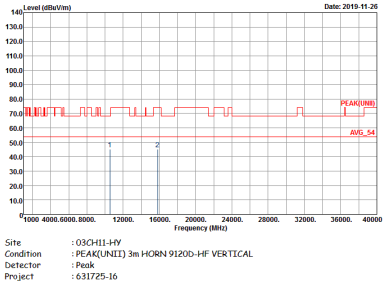
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

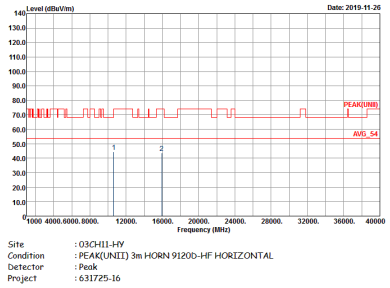
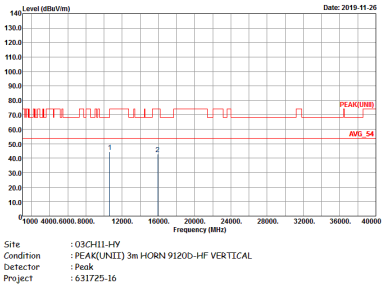
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

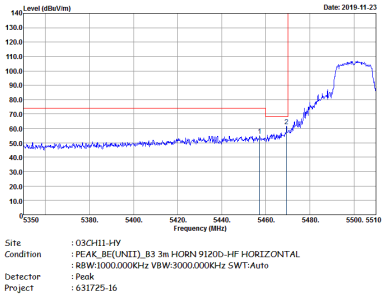
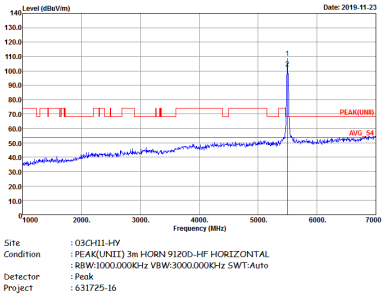
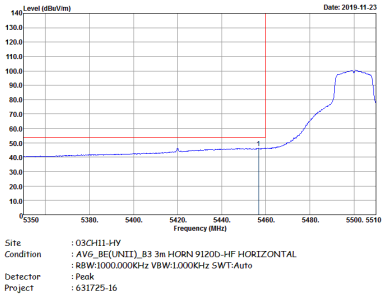
WIFI 802.11n HT40 (Harmonic @ 3m)

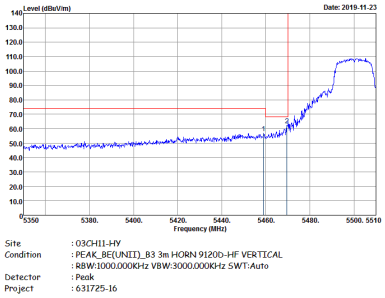
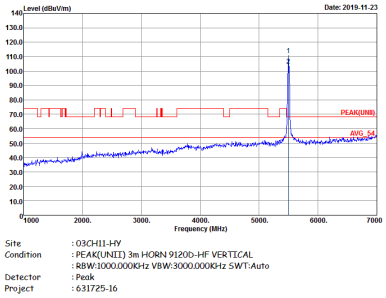
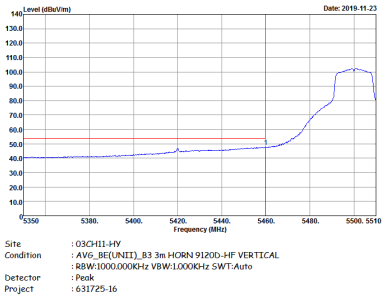
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.		

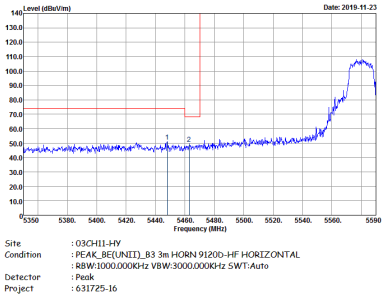
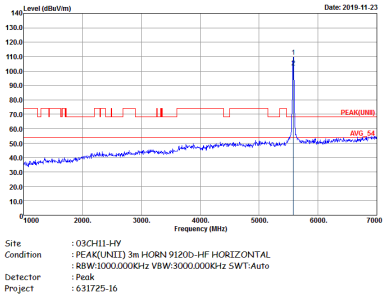
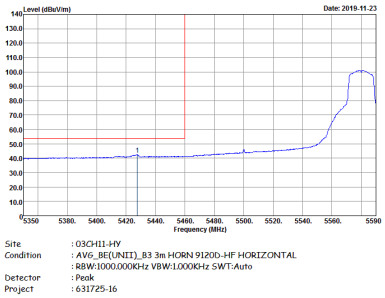
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.		

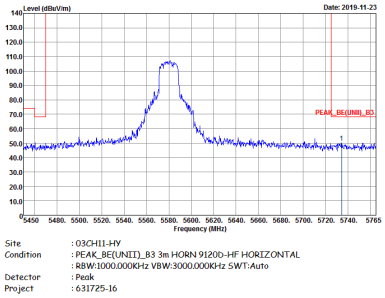
Band 3 - 5470~5725MHz

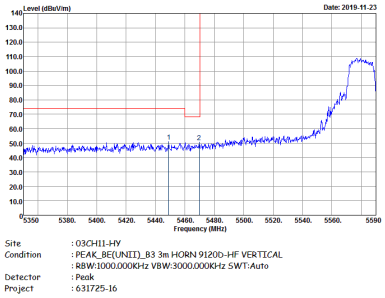
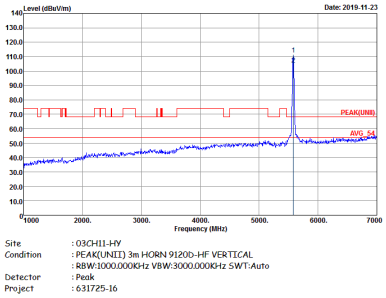
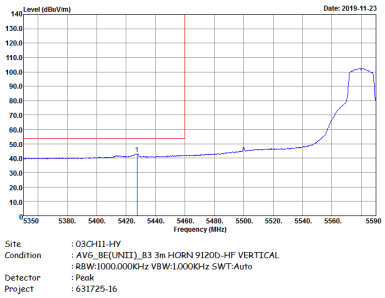
WIFI 802.11a (Band Edge @ 3m)

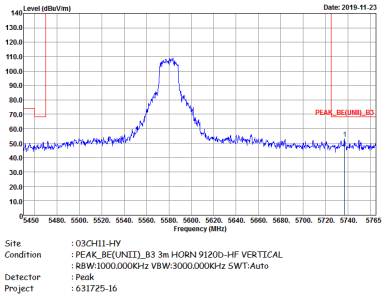
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

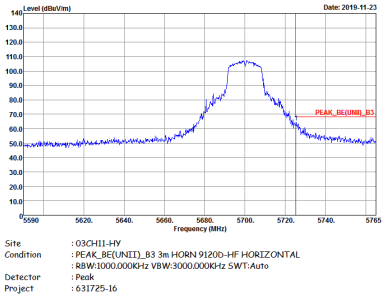
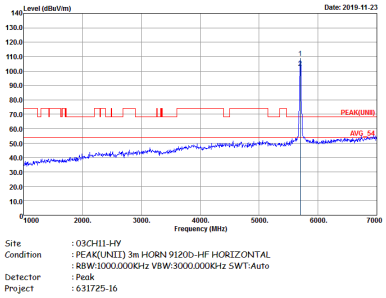
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

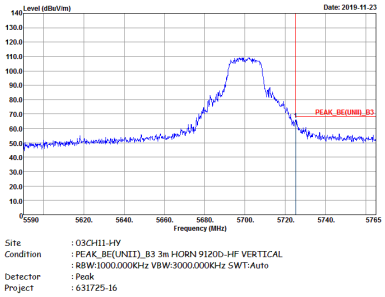
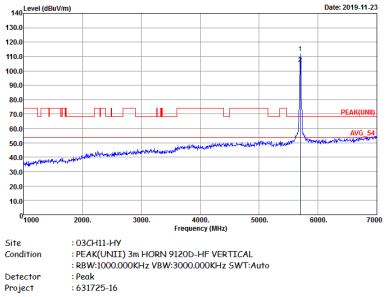
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

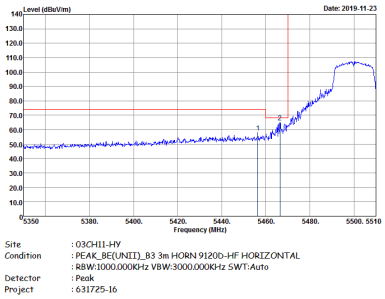
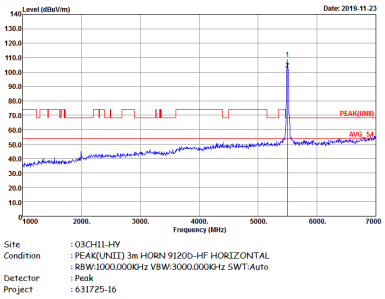
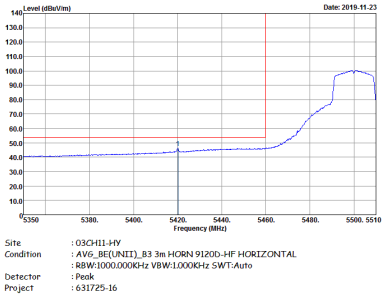
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

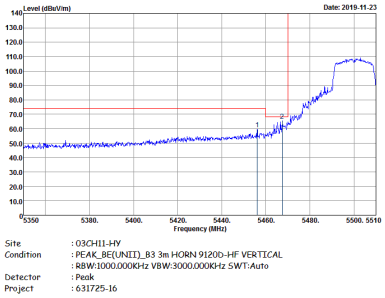
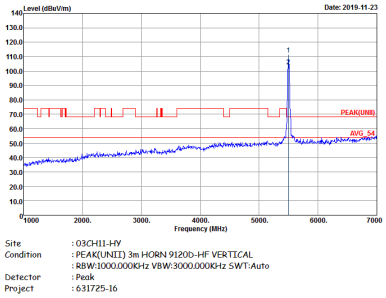
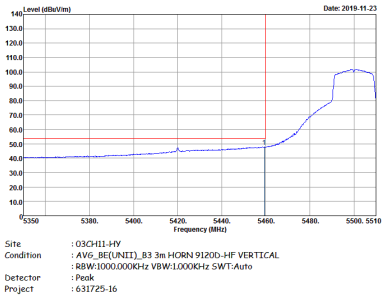
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

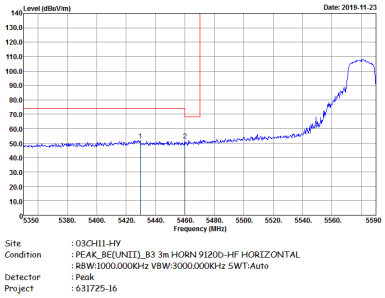
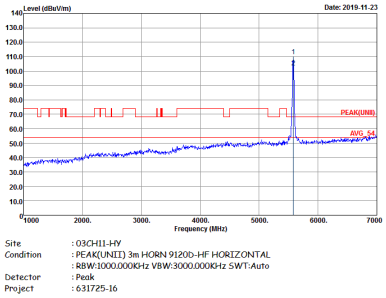
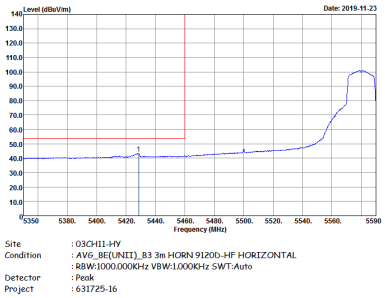
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak		

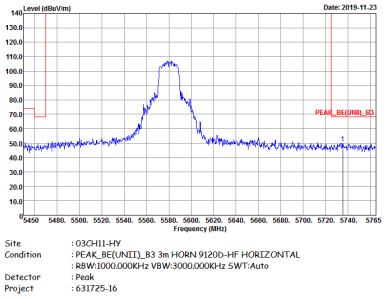
Band 3 5470~5725MHz

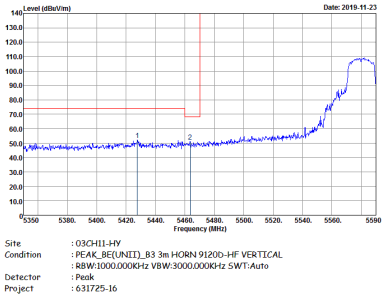
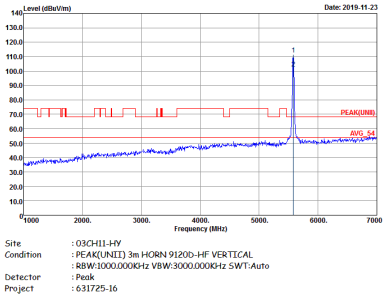
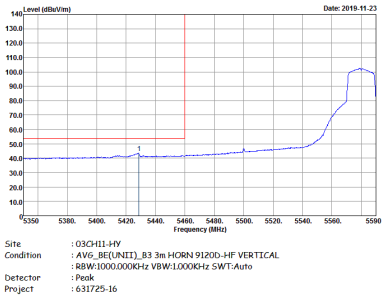
WIFI 802.11n HT20 (Band Edge @ 3m)

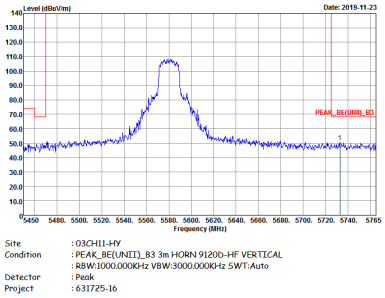
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

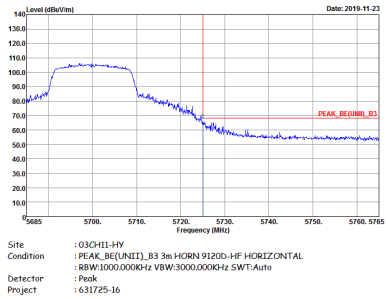
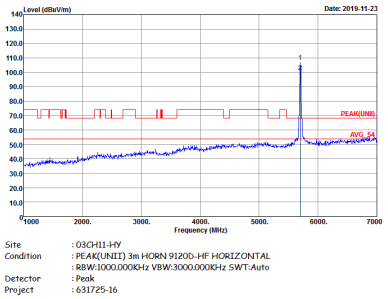
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

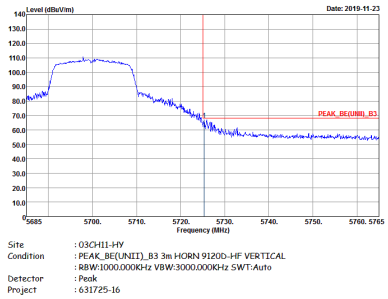
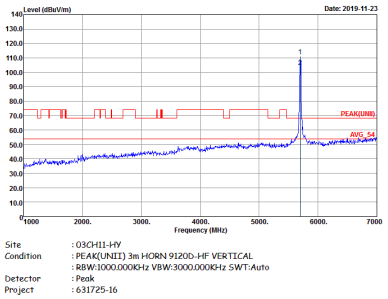
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

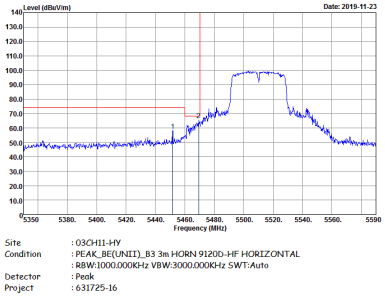
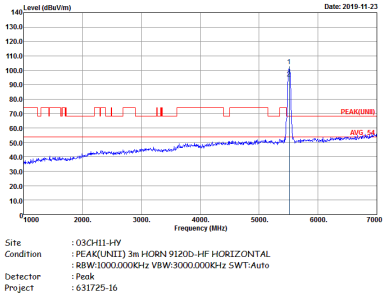
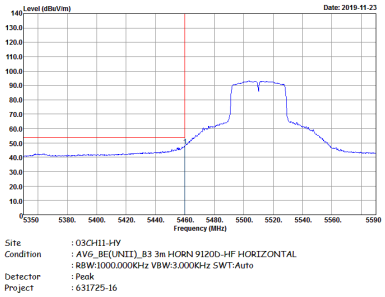
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

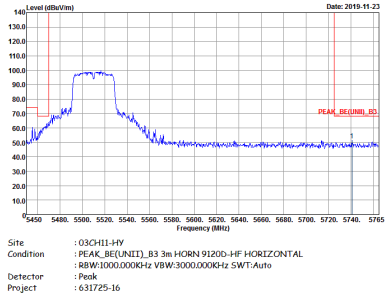
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

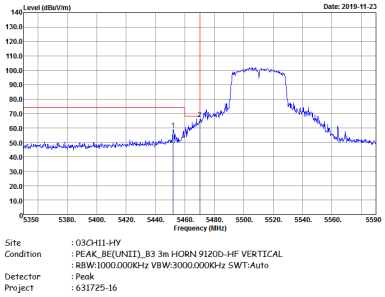
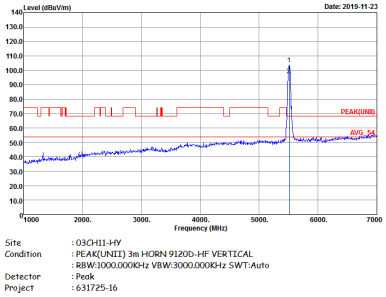
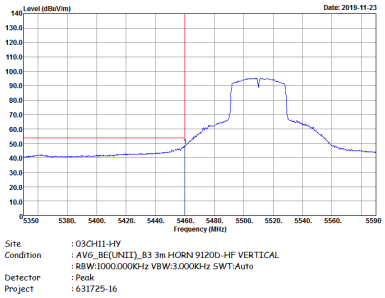
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

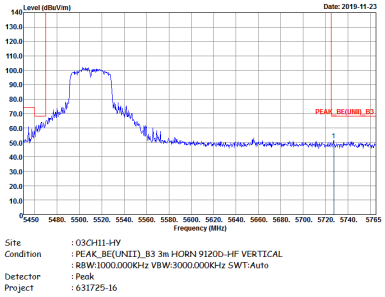
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.		

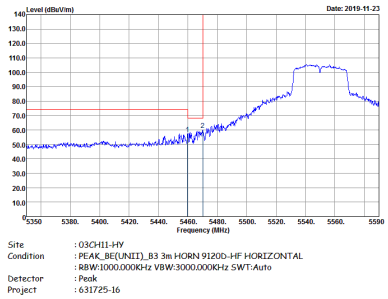
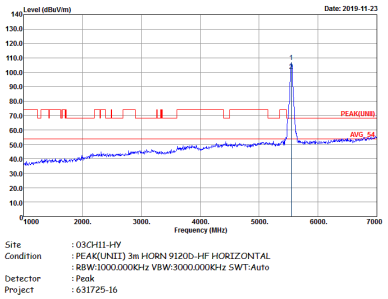
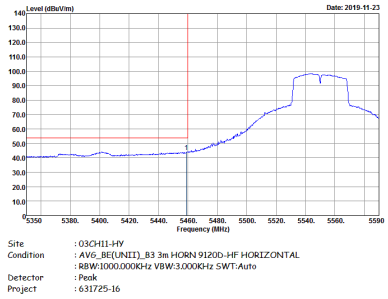
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

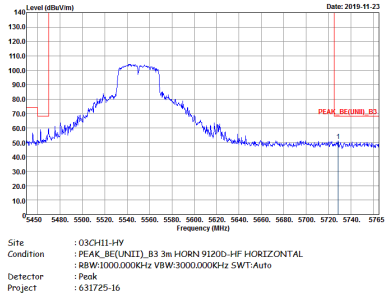
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

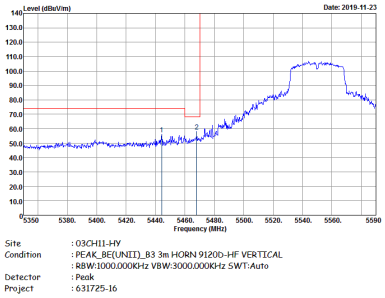
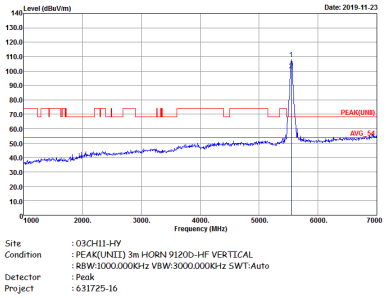
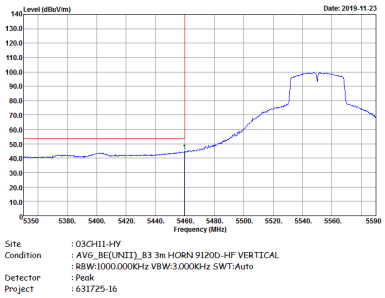
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

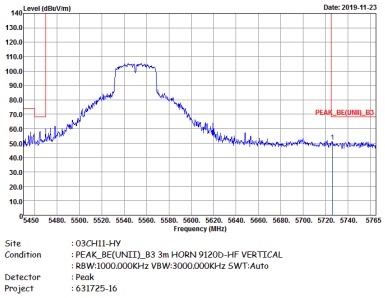
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

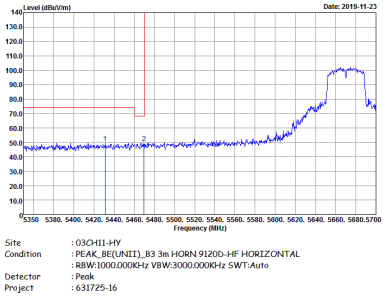
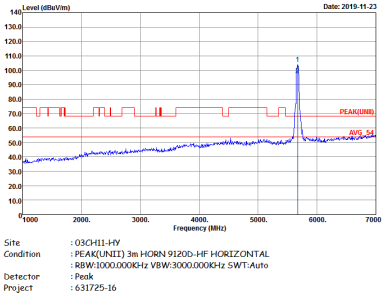
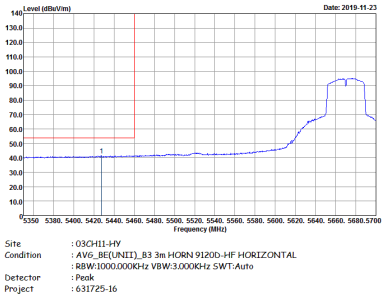
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak		Left blank

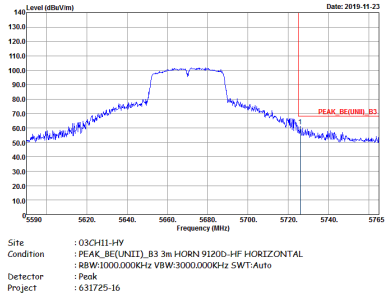
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

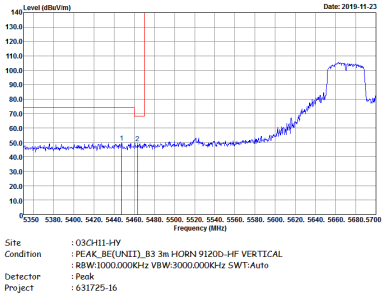
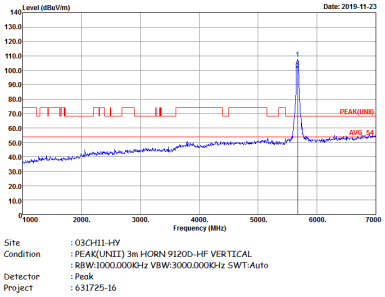
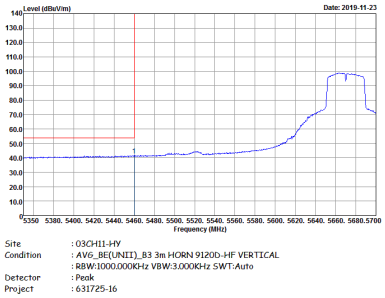
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

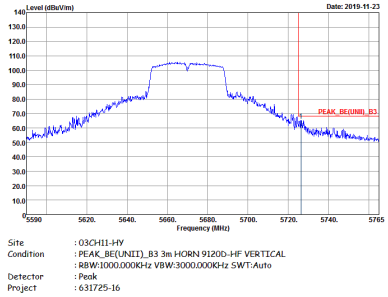
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

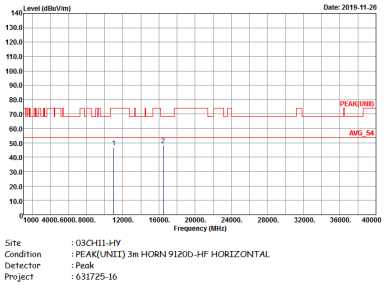
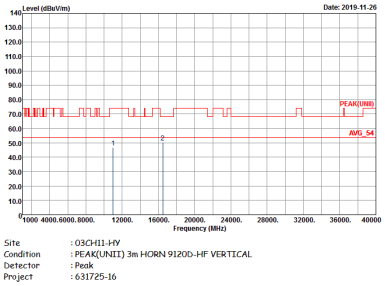
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

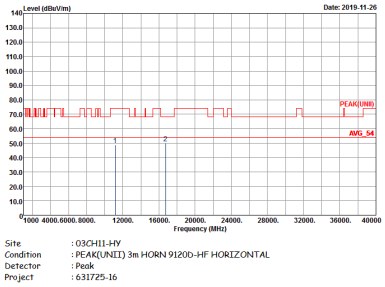
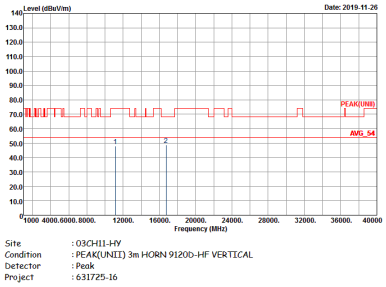
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

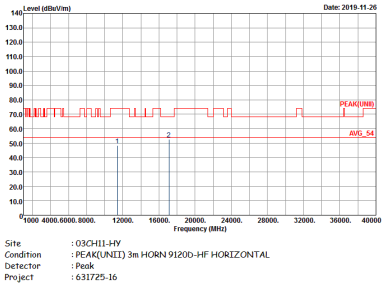
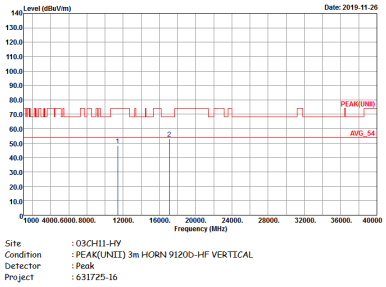
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

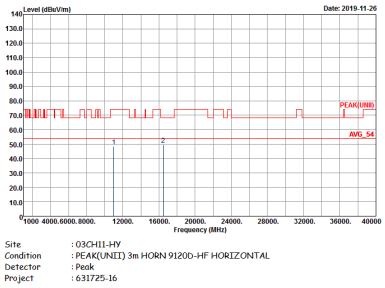
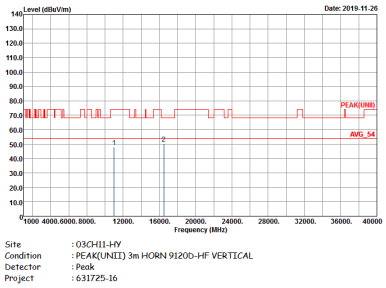
WIFI 802.11a (Harmonic @ 3m)

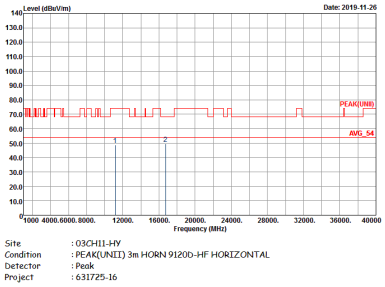
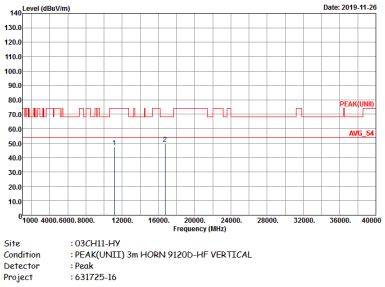
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

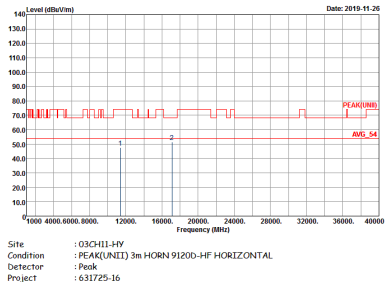
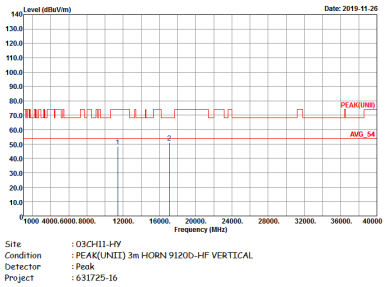
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.		

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

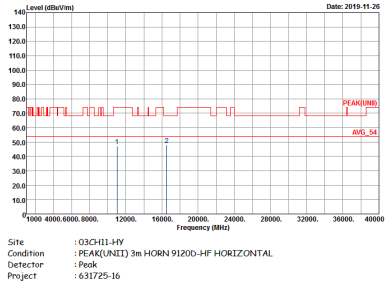
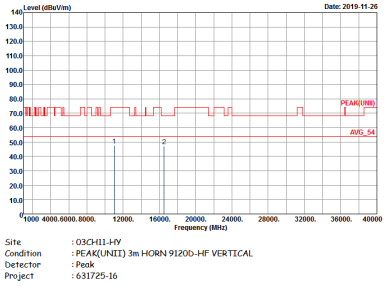
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

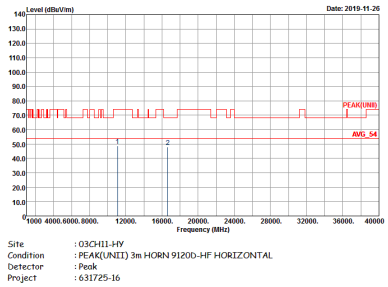
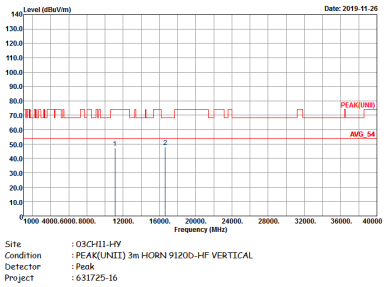
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

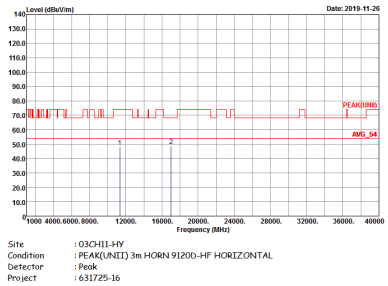
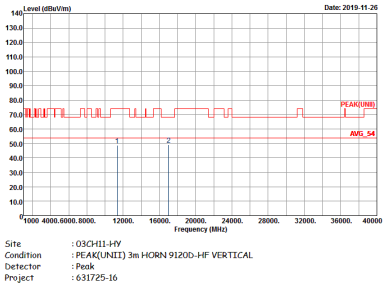
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.		

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)

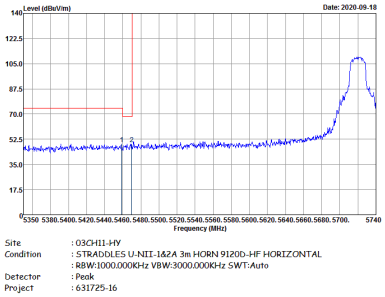
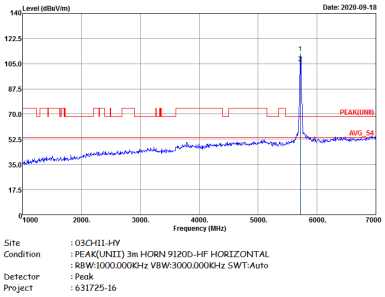
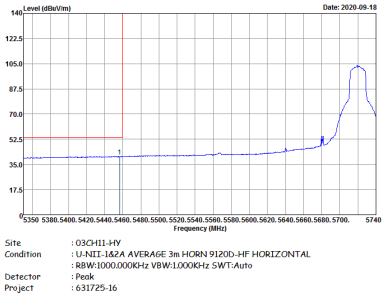
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.		

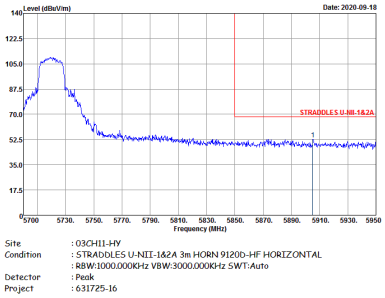
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.		

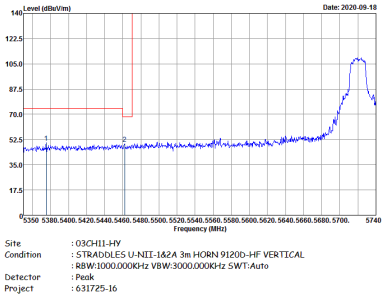
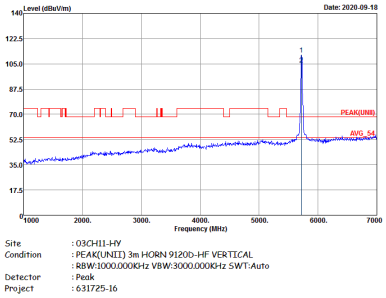
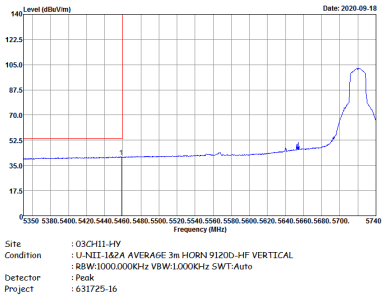
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.		

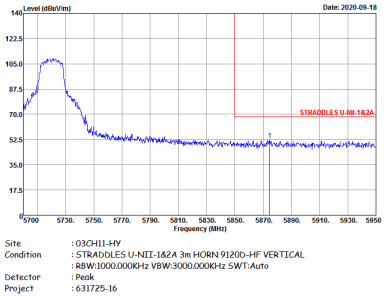
Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

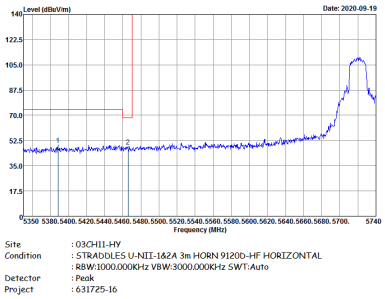
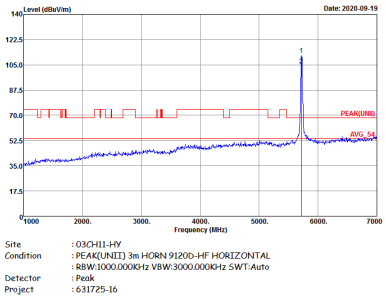
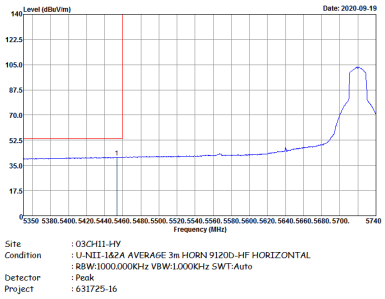
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1	Horizontal	Fundamental
Peak		Left blank

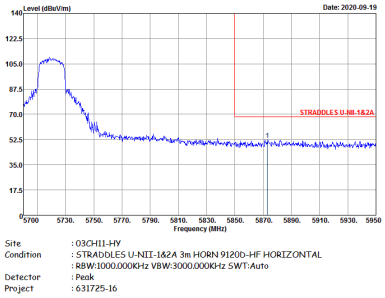
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

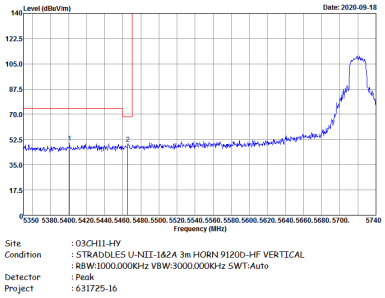
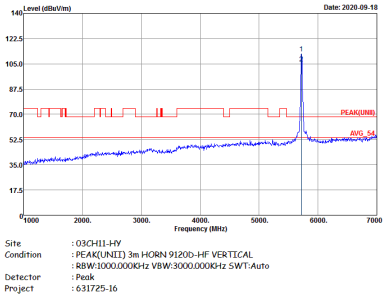
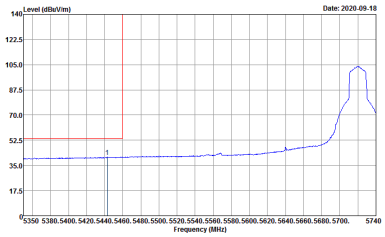
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1	Vertical	Fundamental
Peak		Left blank

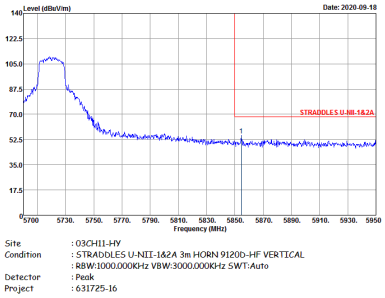
Band 3 – Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

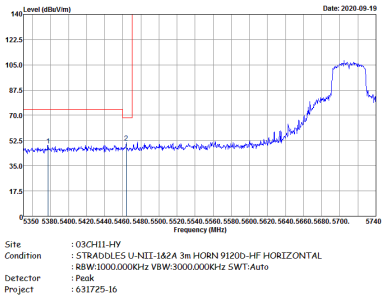
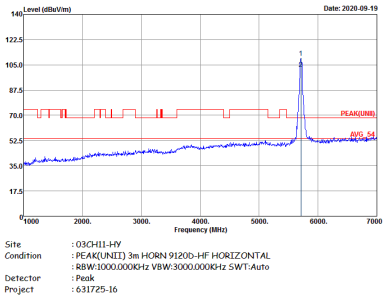
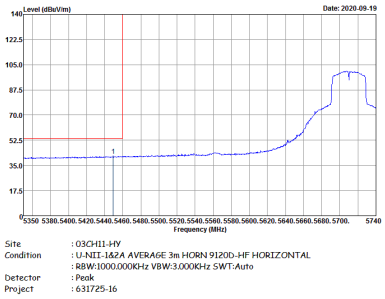
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

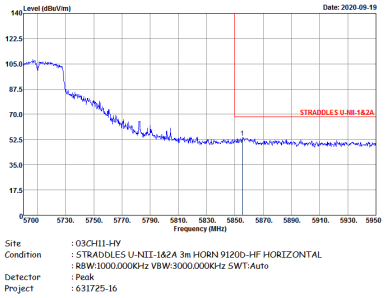
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

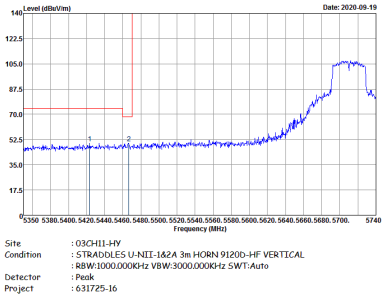
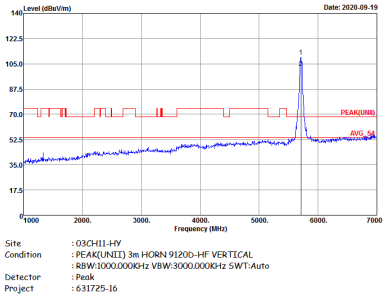
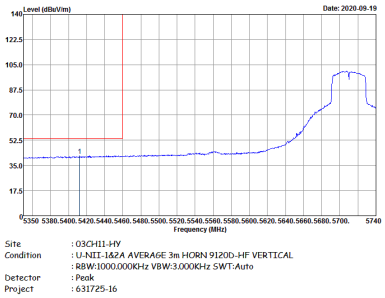
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HV Condition : STRADDLES U-NII-1&2A 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HV Condition : U-NII-1&2A AVERAGE 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

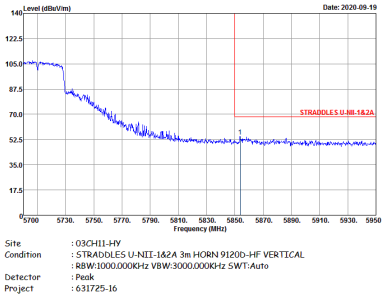
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Vertical	Fundamental
Peak		Left blank

Band 3 – Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

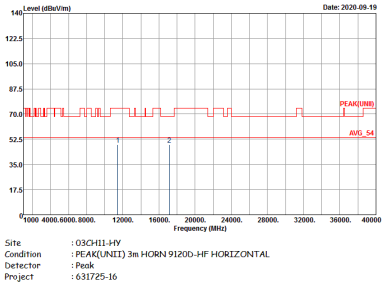
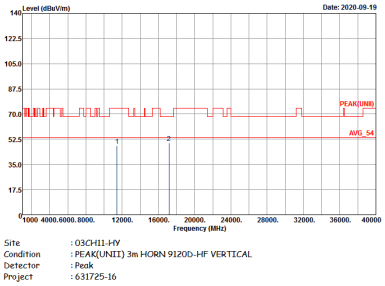
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

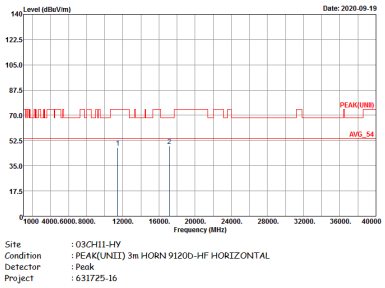
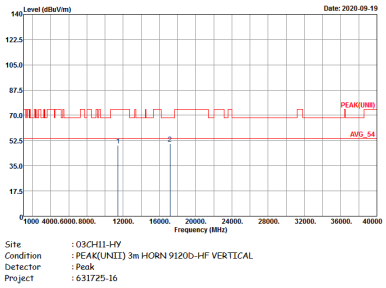
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Vertical	Fundamental
Peak		Left blank

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

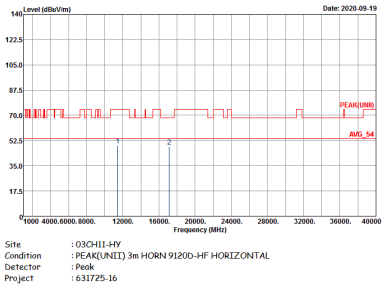
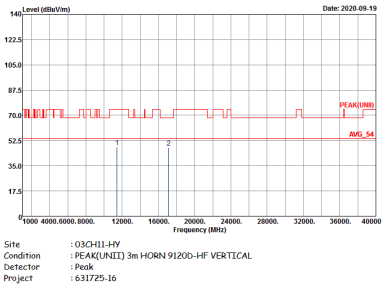
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 3 – Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.		

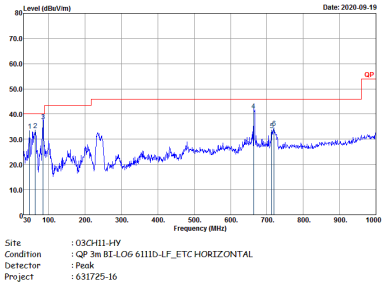
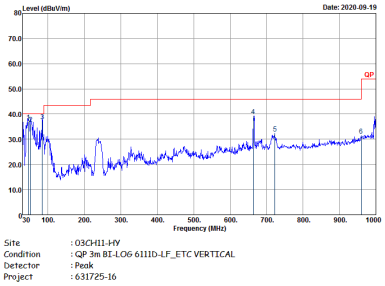
Band 3 – Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.		

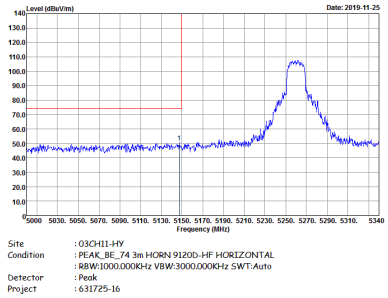
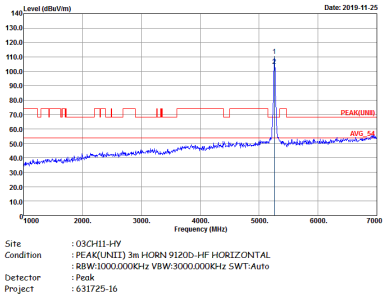
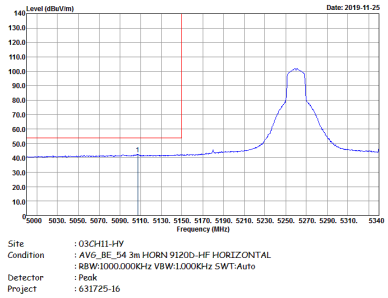
Emission below 1GHz

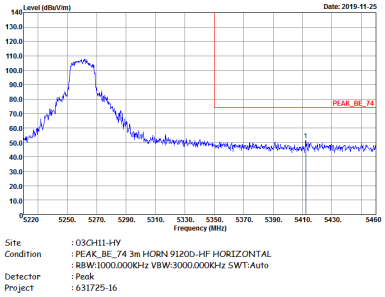
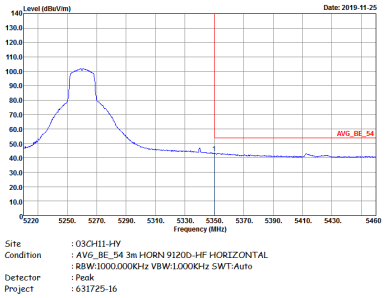
5GHz WIFI 802.11n HT20 (LF)

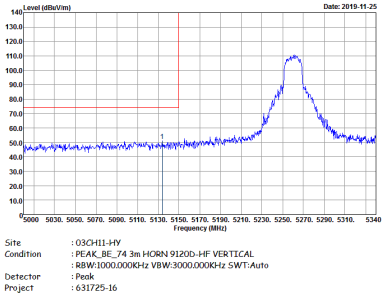
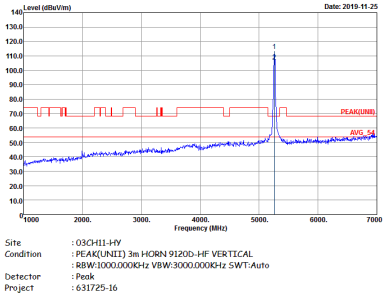
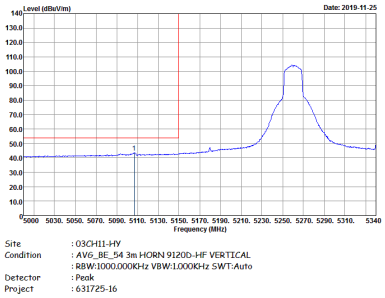
WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak		

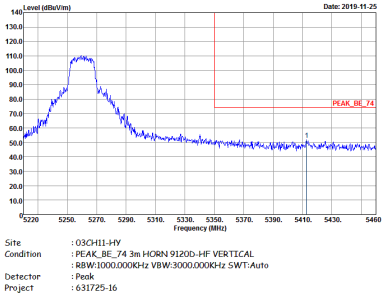
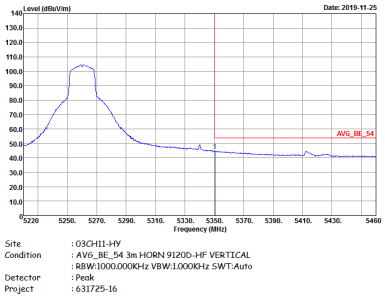
Band 2 - 5250~5350MHz

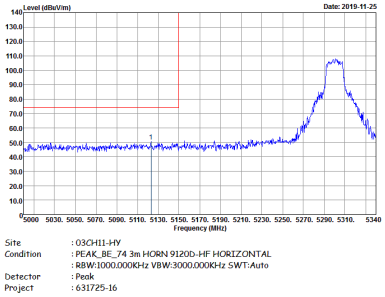
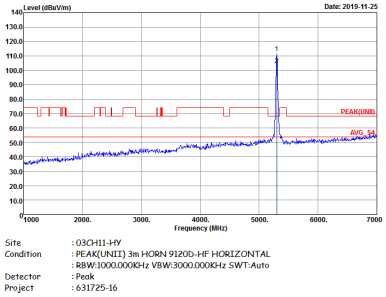
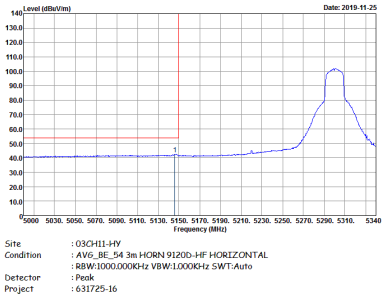
WIFI 802.11a (Band Edge @ 3m)

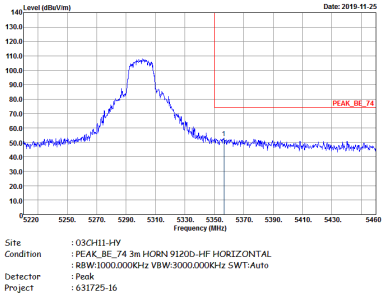
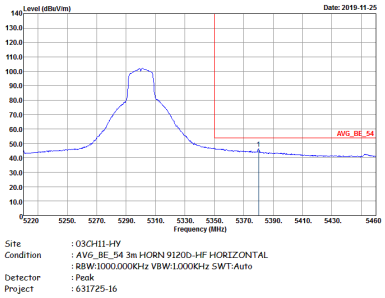
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

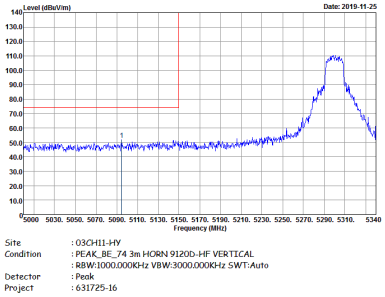
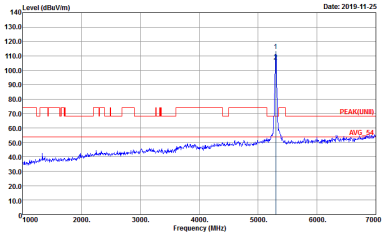
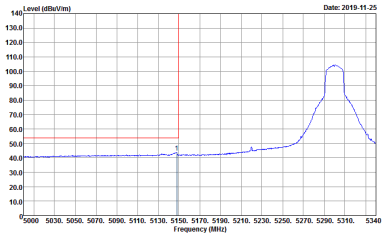
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

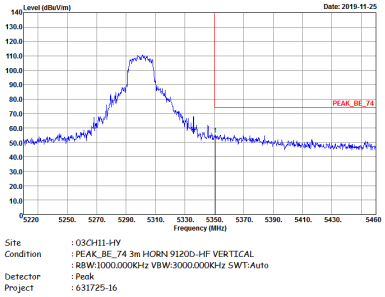
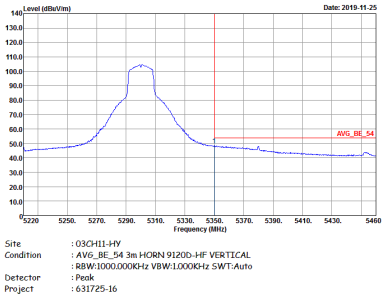
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

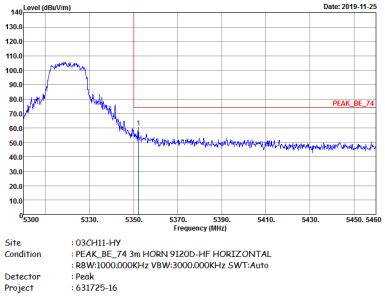
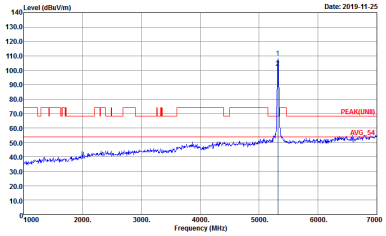
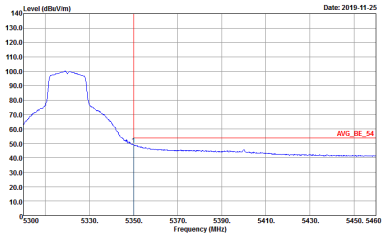
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

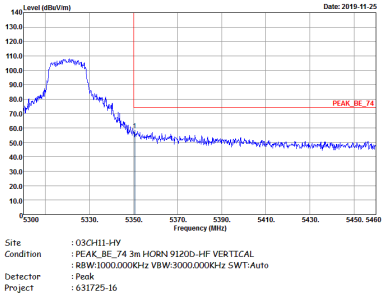
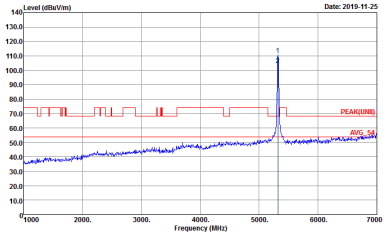
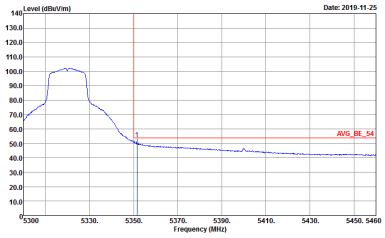
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

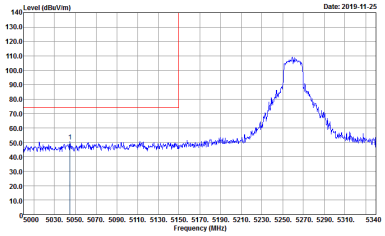
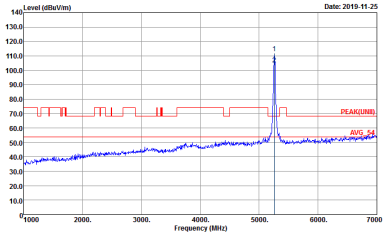
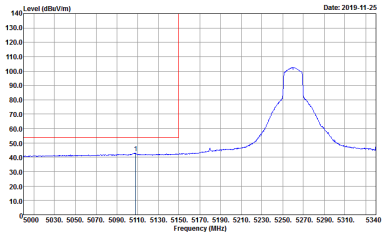
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

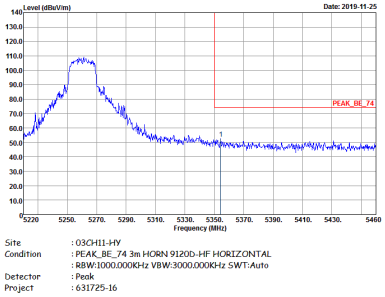
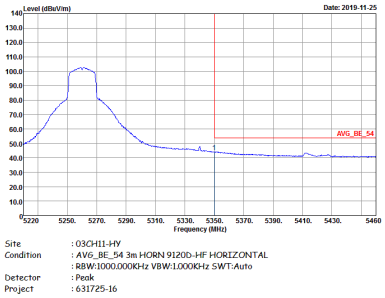
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

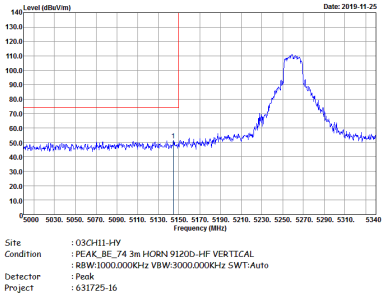
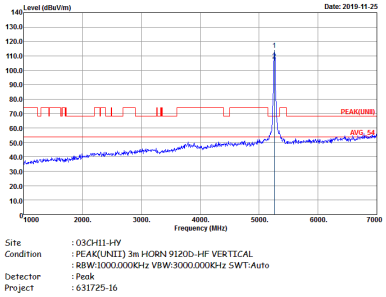
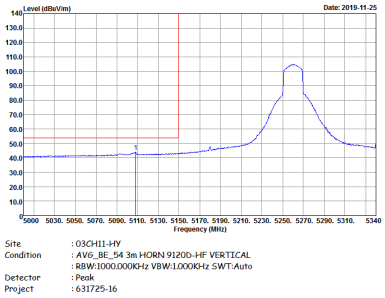
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

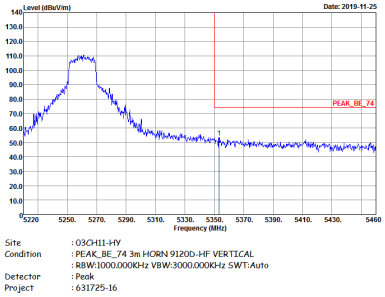
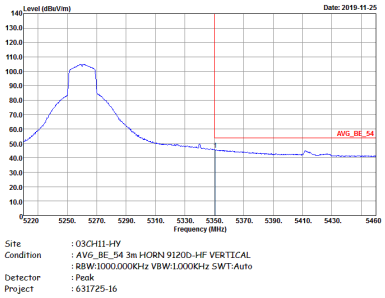
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

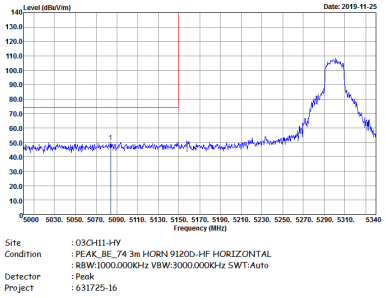
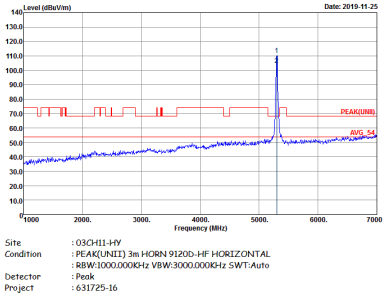
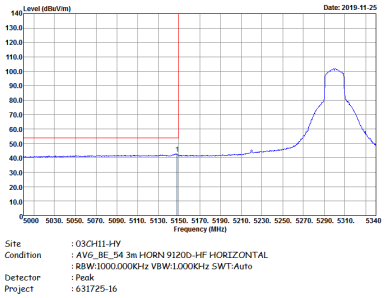
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

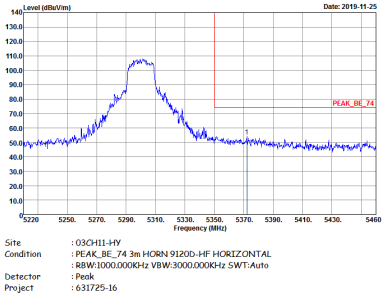
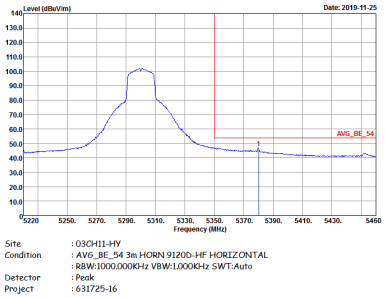
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

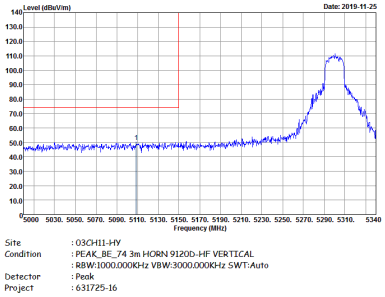
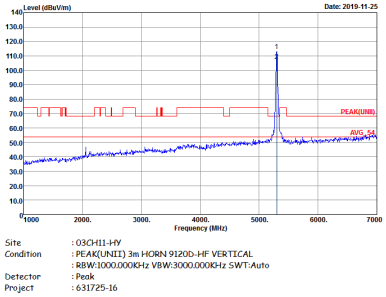
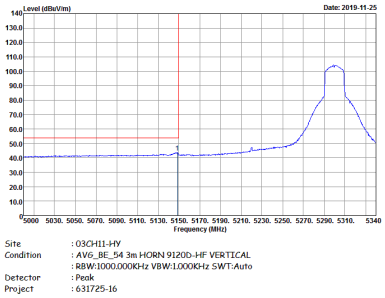
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

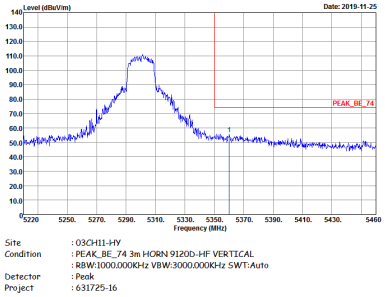
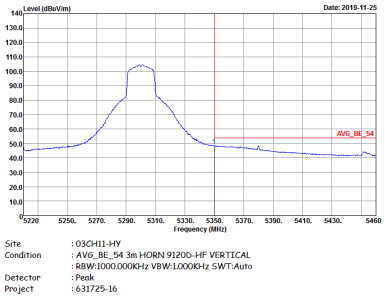
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

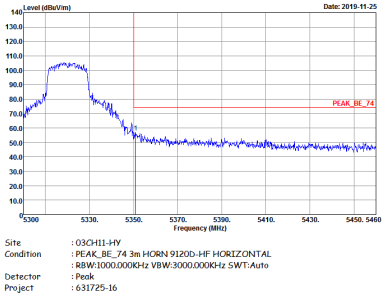
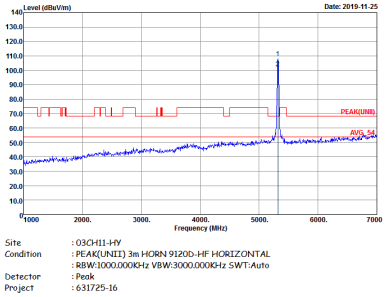
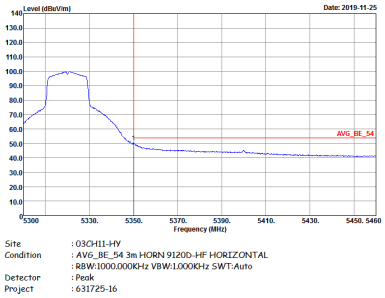
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

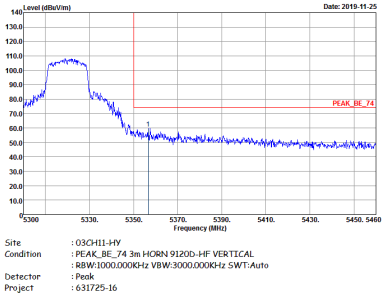
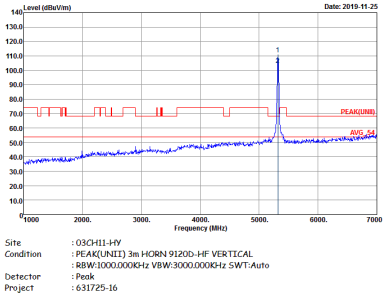
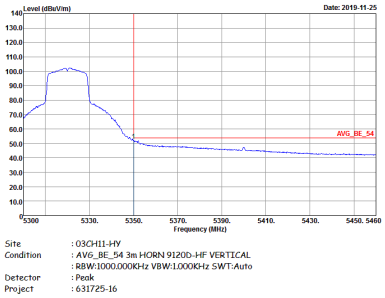
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

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

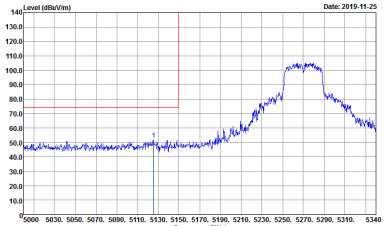
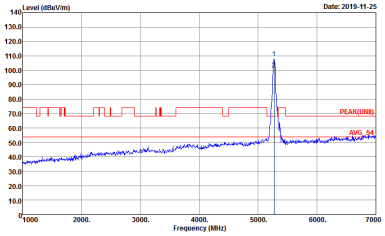
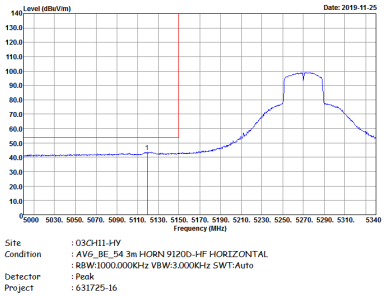
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

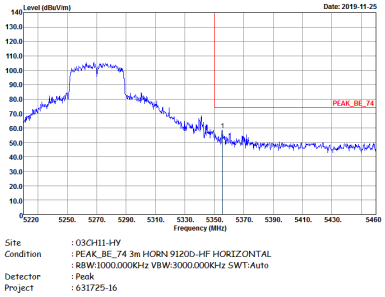
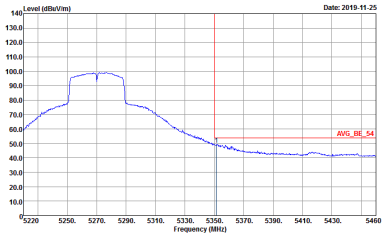
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

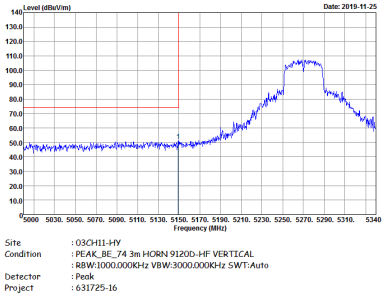
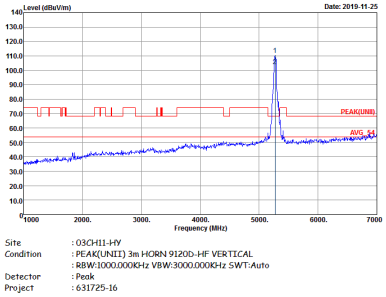
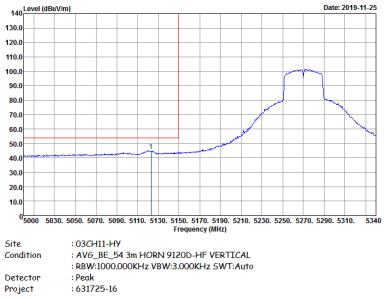
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

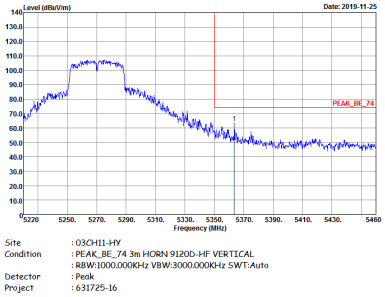
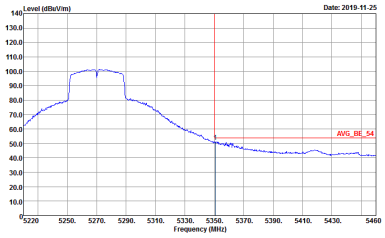
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

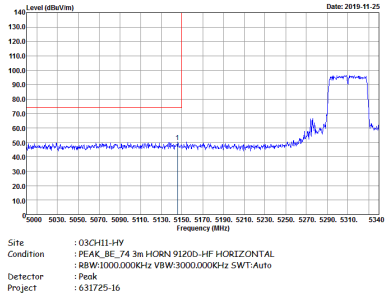
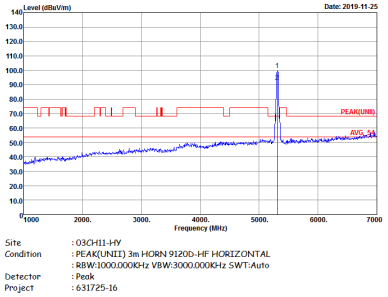
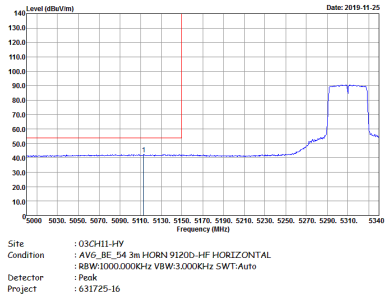
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

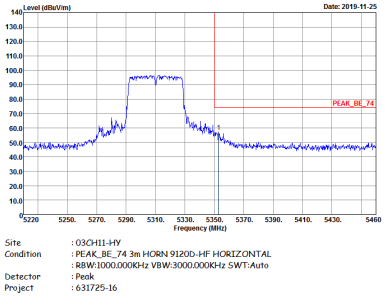
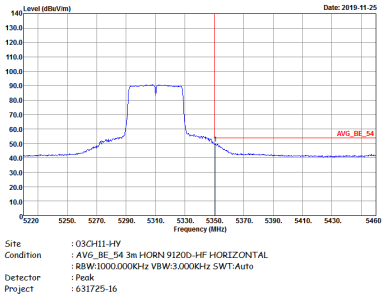
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

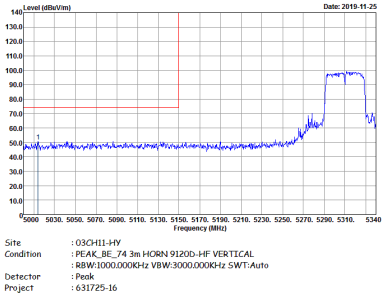
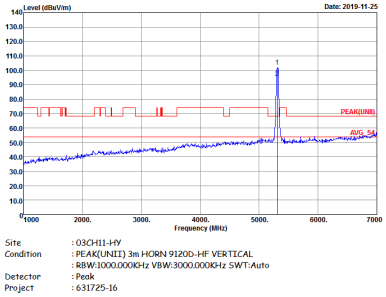
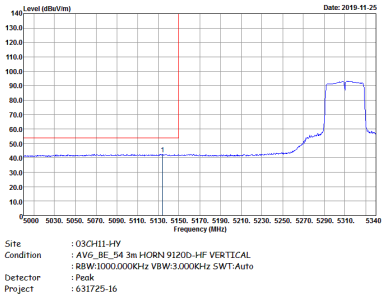
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

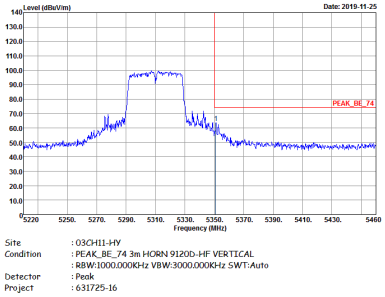
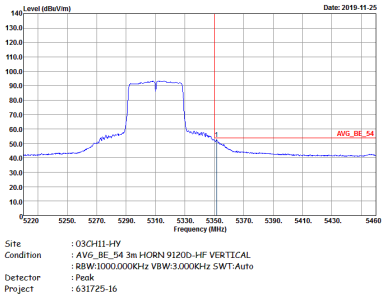
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
2	Vertical	Vertical
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
2	Vertical	Vertical
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

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

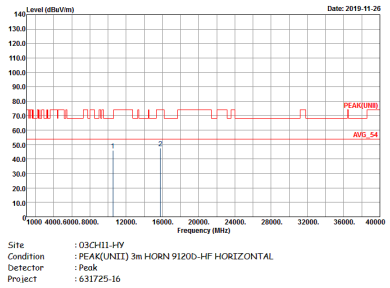
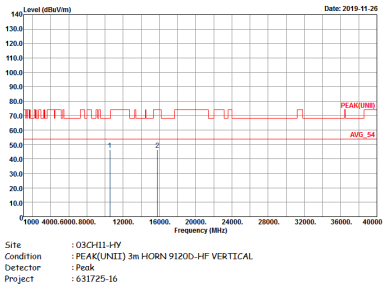
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

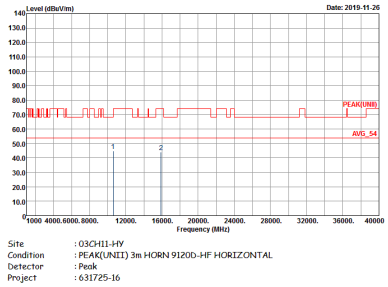
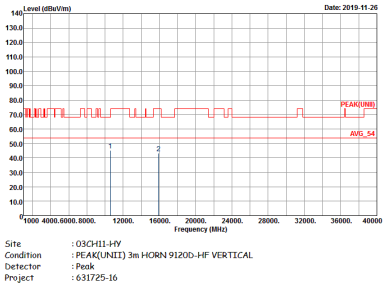
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 631725-16
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 631725-16	Left blank

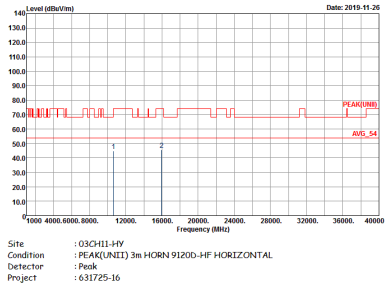
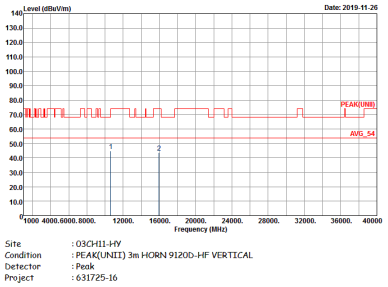
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

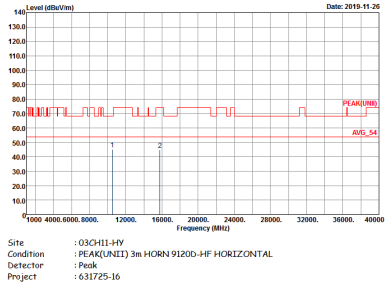
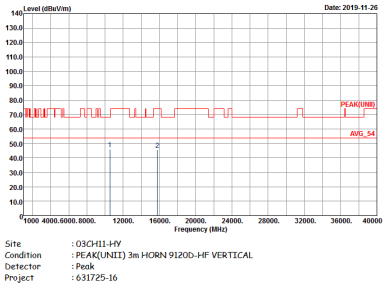
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.		

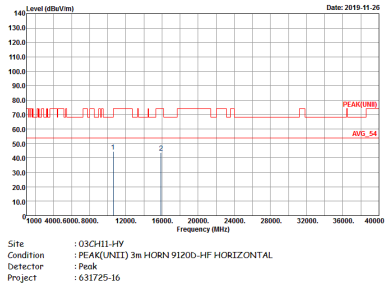
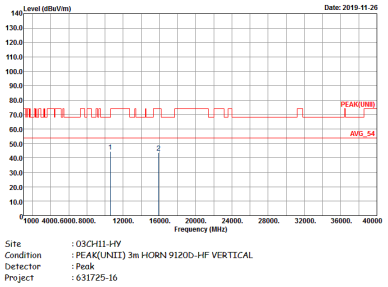
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.		

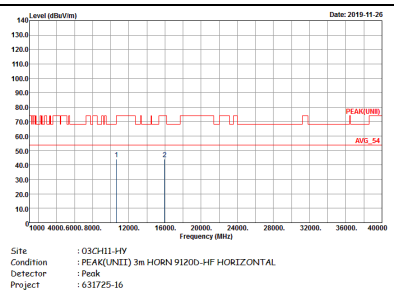
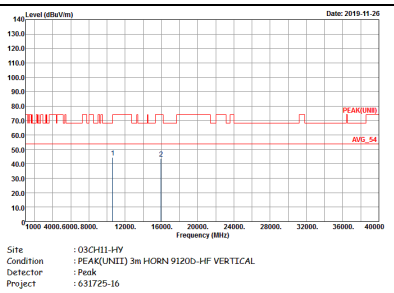
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

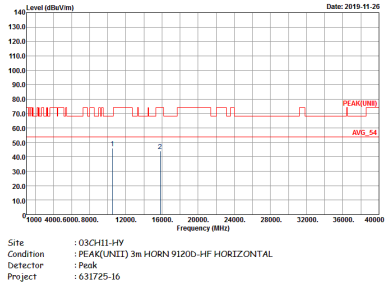
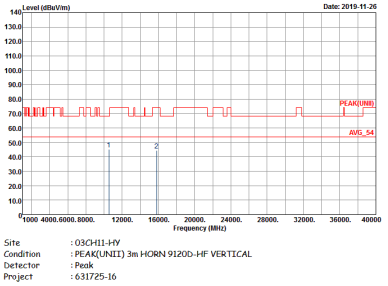
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.		

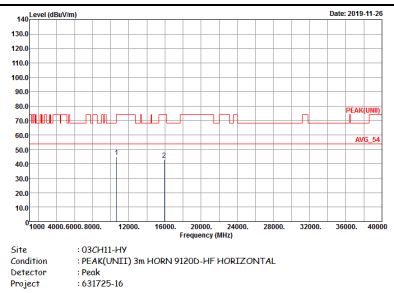
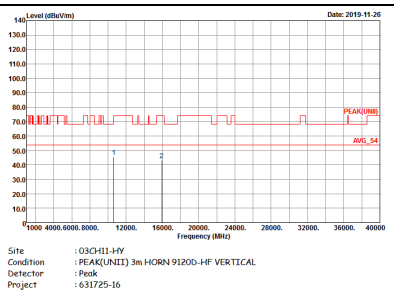
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

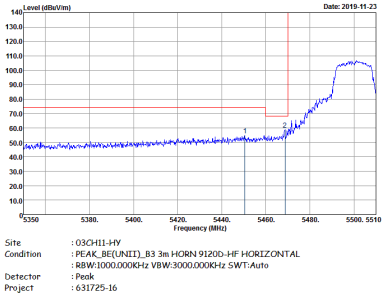
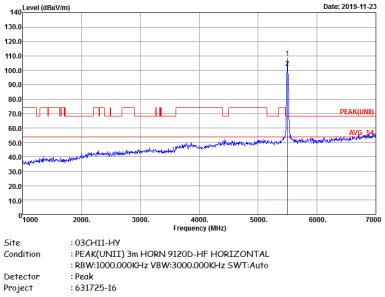
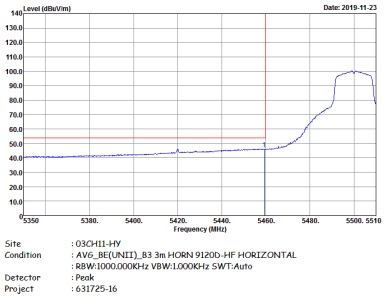
WIFI 802.11n HT40 (Harmonic @ 3m)

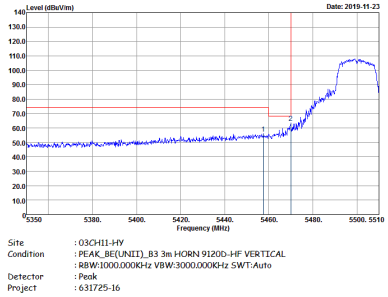
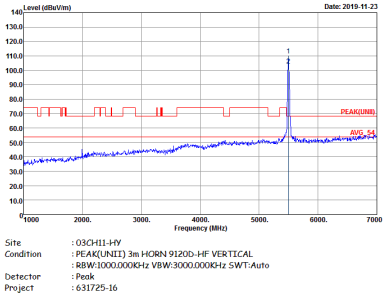
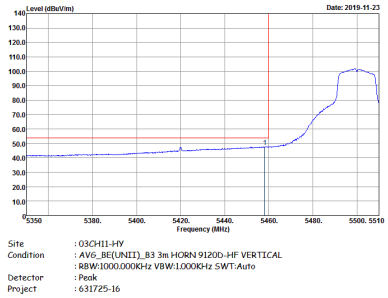
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
2	Horizontal	Vertical
Peak Avg.		

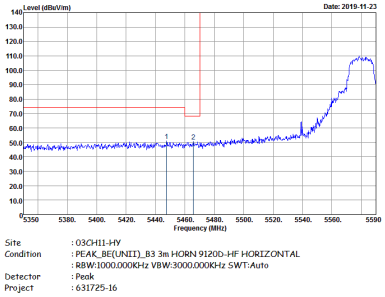
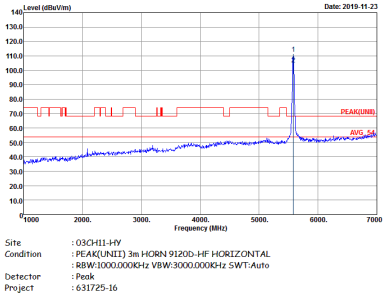
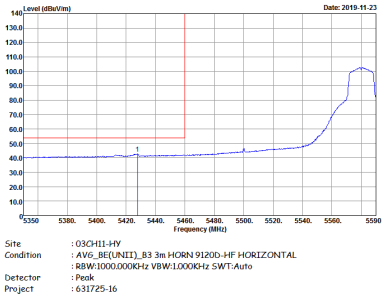
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
2	Horizontal	Vertical
Peak Avg.		

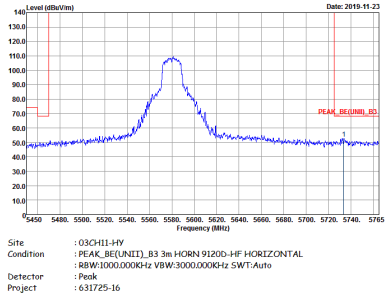
Band 3 - 5470~5725MHz

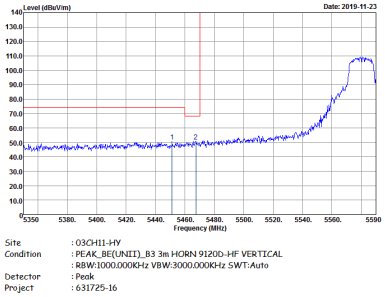
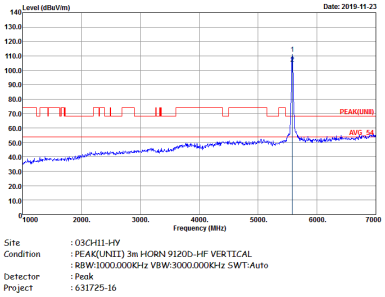
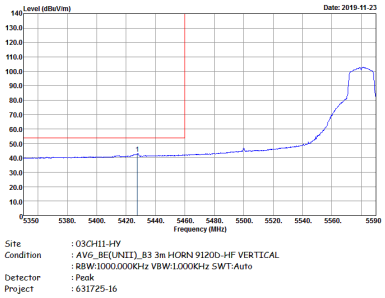
WIFI 802.11a (Band Edge @ 3m)

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

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

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

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

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