FCC RADIO TEST REPORT

FCC ID	:	**TX2-RTL8722DM**
Equipment	:	**802.11 a/b/g/n Wireless LAN+Bluetooth module**
Brand Name	:	**REALTEK**
Model Name	:	**RTL8722DM**
Applicant	:	**Realtek Semiconductor Corp.** **No. 2,Innovation Road II, Hsinchu Science Park, Hsinchu 300,Taiwan**
Manufacturer	:	**Realtek Semiconductor Corp.** **No. 2,Innovation Road II, Hsinchu Science Park, Hsinchu 300,Taiwan**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Nov. 13, 2020 and testing was started from Nov. 25, 2020 and completed on Dec. 17, 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 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 333, Taiwan (R.O.C.)
TEL : 886-3-327-3456
FAX : 886-3-328-4978

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR0N0645C	01	Initial issue of report	Mar. 12, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 2.36 dB at 62.010 MHz for Quasi-Peak
3.5	15.207	AC Conducted Emission	Pass	Under limit 8.93 dB at 0.161 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Yimin Ho

1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Sample 1	A1-8722DM-4F4MA with Fixture 1 and Printed Antenna
Sample 2	A1-8722DM-4F4M1 with Fixture 1 and External Antenna
Sample 3	A1-8722DM-4F4MC with Fixture 2 and External Antenna
Antenna Type	WLAN: Printed Antenna / External Antenna (Dipole or PIFA) Bluetooth: Printed Antenna / External Antenna (Dipole or PIFA)

Printed Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	3.6
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	3.6
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	3.9

Dipole Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	5
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	5
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	5

PIFA Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	5
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	5
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	5

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

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	TH05-HY, CO05-HY

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

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH12-HY (TAF Code: 3786)
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC designation No.: TW1190 and TW0007

1.4 Applicable Standards

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

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

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in two antenna polarization (Horizontal and Vertical). The worst cases (Ant. Horizontal for Sample 1 and Sample 3 ; Ant. Vertical for Sample 2) were recorded in this report.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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
	-	-		

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)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	-	-	128	5640

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

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + USB Cable (Charging from Notebook) for Sample 1 Mode 2 : Bluetooth Link + WLAN (5GHz) Link + USB Cable (Charging from Notebook) for Sample 2 with Dipole Antenna Mode 3 : Bluetooth Link + WLAN (5GHz) Link + USB Cable (Charging from Notebook) for Sample 2 with PIFA Antenna Mode 4 : Bluetooth Link + WLAN (5GHz) Link + USB Cable (Charging from Notebook) for Sample 3 with PIFA Antenna
Remark: The worst case of conducted emission is mode 3; only the test data of it was reported.	

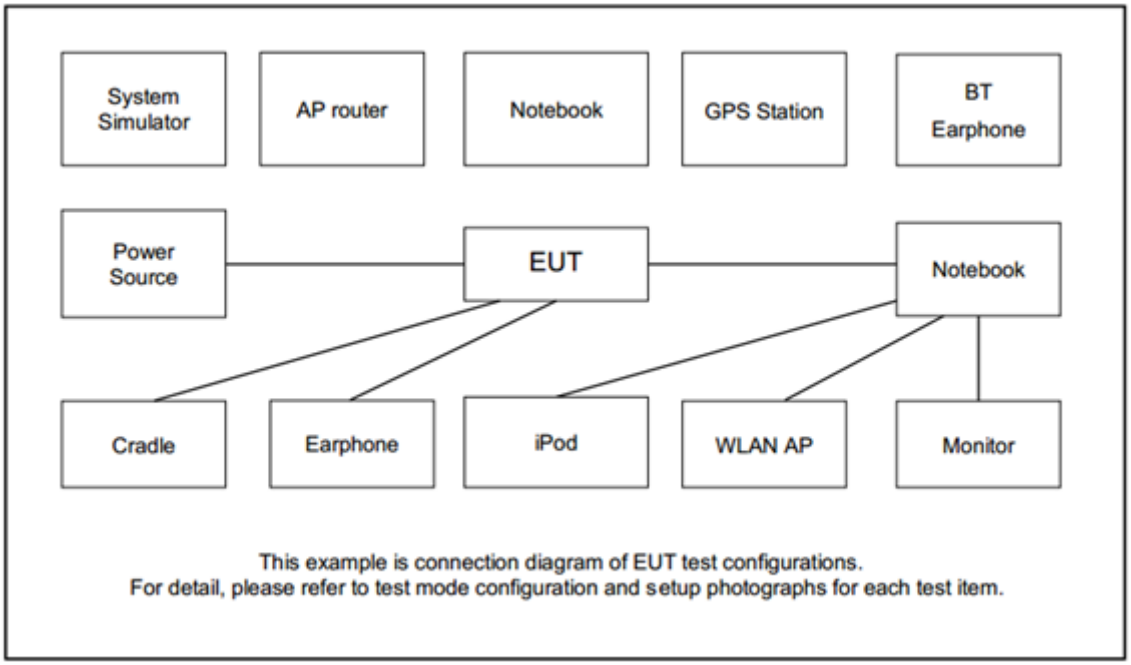
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
TDWR		-	-	124

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
TDWR		-	-	124

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
TDWR		-	-	126

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	ASUS	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
4.	Mobile Phone	SAMSUNG	SM-A730F/DS	A3LSMA730F	N/A	N/A
5.	USB Cable	N/A	N/A	N/A	N/A	N/A
6.	Fixture 1	N/A	N/A	N/A	N/A	N/A
7.	Fixture 2	N/A	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “AmebaD_mptool_2V2” 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.

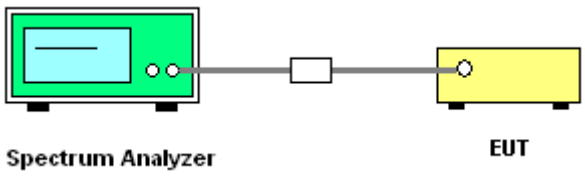
3.1.2 Measuring Instruments

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.

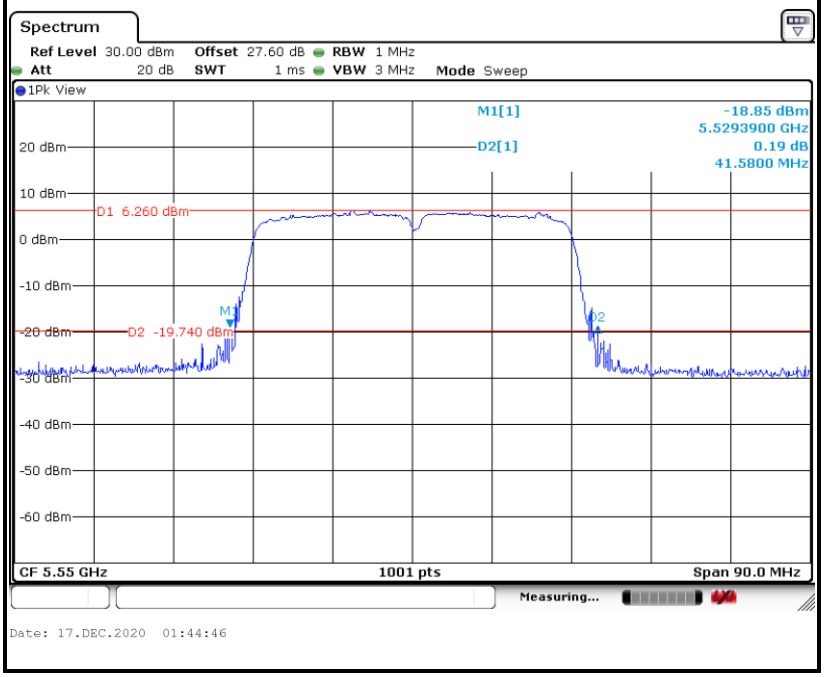
3.1.4 Test Setup



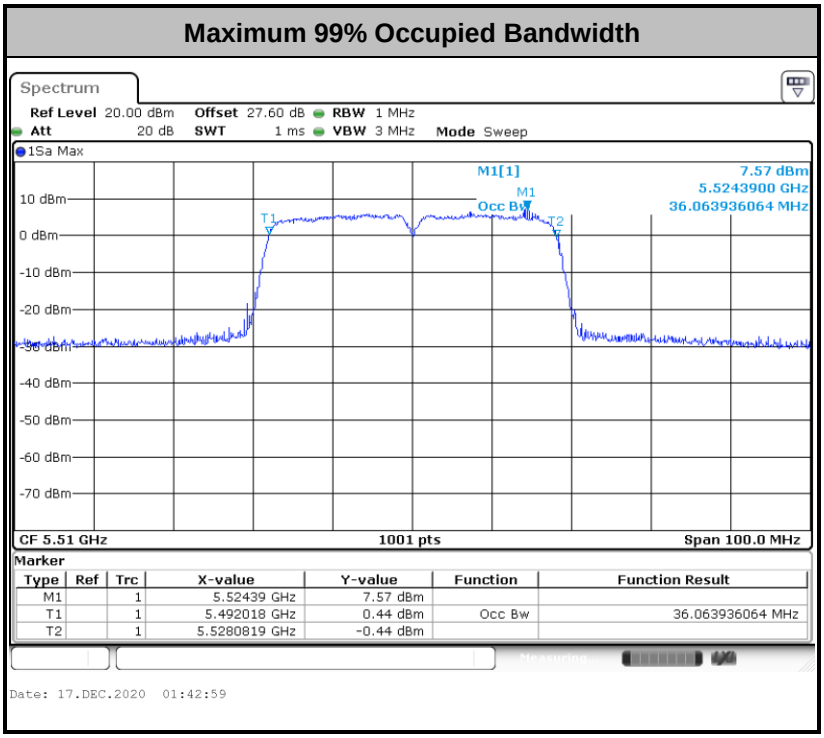
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

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 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

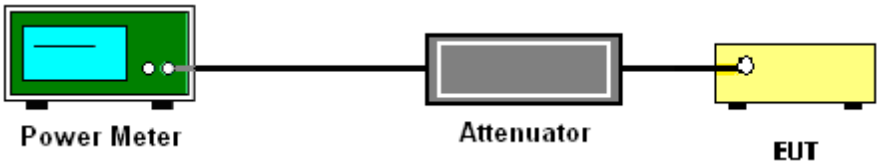
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

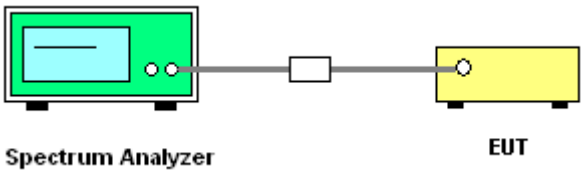
 # Method SA-3 #

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

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

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

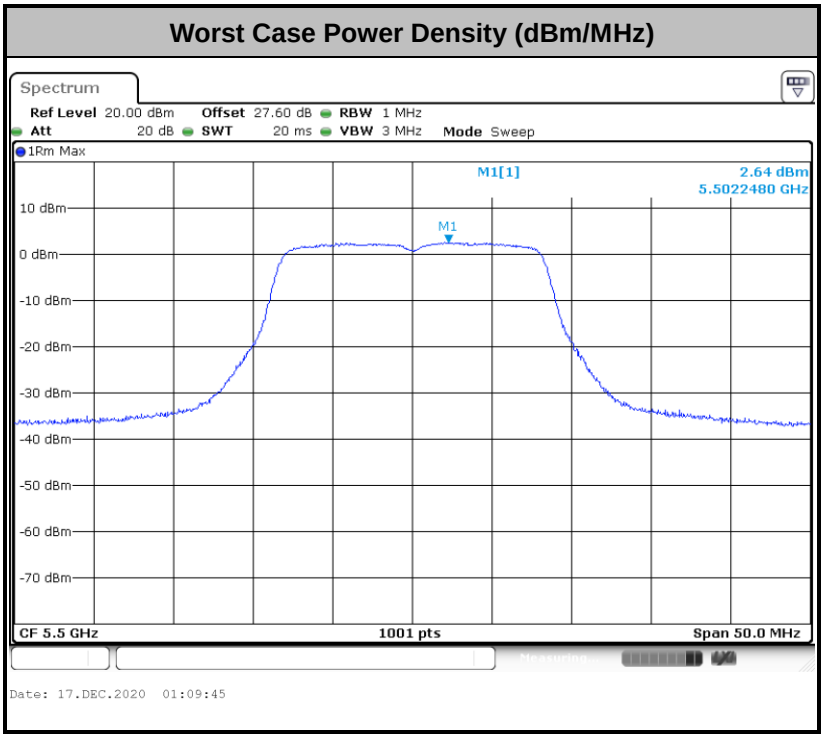
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

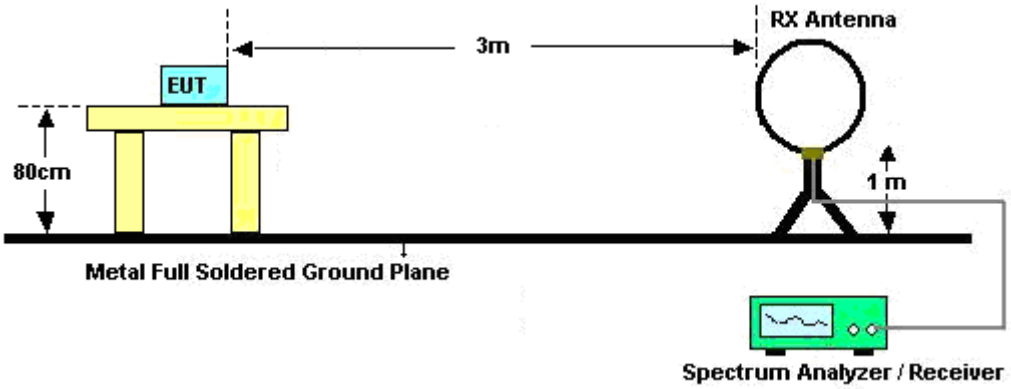
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

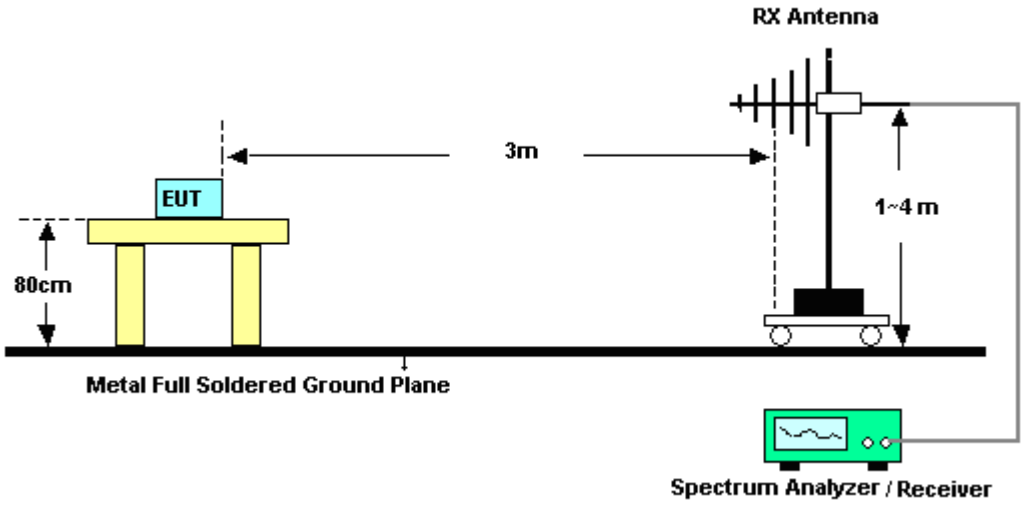
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

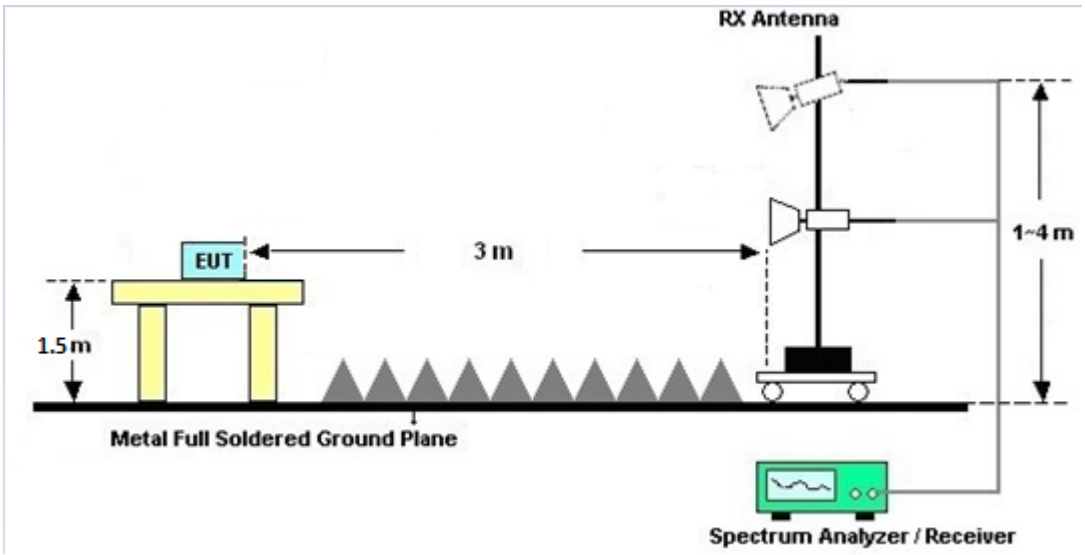
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

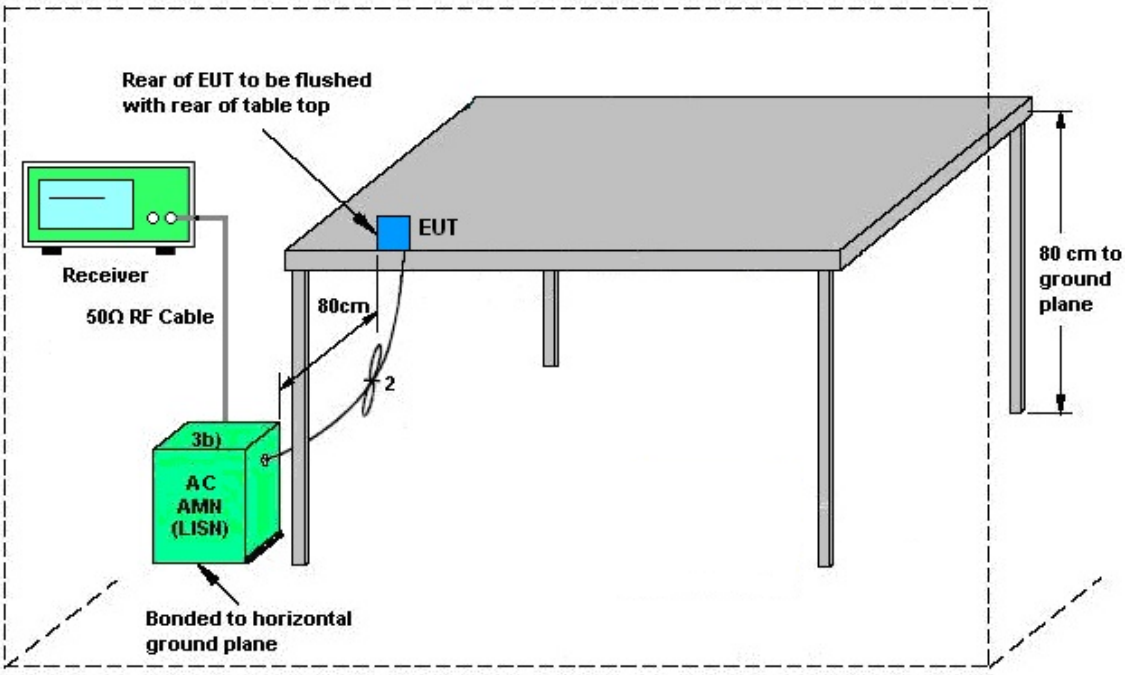
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Dec. 26, 2019	Dec. 01, 2020~ Dec. 15, 2020	Dec. 25, 2020	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	40103 & 07	30MHz~1GHz	Apr. 29, 2020	Dec. 01, 2020~ Dec. 15, 2020	Apr. 28, 2021	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Nov. 23, 2020	Dec. 01, 2020~ Dec. 15, 2020	Nov. 22, 2021	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz~40GHz	May 22, 2020	Dec. 01, 2020~ Dec. 15, 2020	May 21, 2021	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 25, 2020	Dec. 01, 2020~ Dec. 15, 2020	Mar. 24, 2021	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY57280120	1GHz~26.5GHz	Jul. 20, 2020	Dec. 01, 2020~ Dec. 15, 2020	Jul. 19, 2021	Radiation (03CH12-HY)
Preamplifier	Jet-Power	JPA0118-55-303K	1710001800054002	1GHz~18GHz	Feb. 07, 2020	Dec. 01, 2020~ Dec. 15, 2020	Feb. 06, 2021	Radiation (03CH12-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800055007	1GHz~18GHz	Mar. 31, 2020	Dec. 01, 2020~ Dec. 15, 2020	Mar. 30, 2021	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 15, 2020	Dec. 01, 2020~ Dec. 15, 2020	Jun. 14, 2021	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY54200485	10Hz~44GHz	Feb. 10, 2020	Dec. 01, 2020~ Dec. 15, 2020	Feb. 09, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz~30MHz	Mar. 12, 2020	Dec. 01, 2020~ Dec. 15, 2020	Mar. 11, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 12, 2019	Dec. 01, 2020~ Dec. 10, 2020	Dec. 11, 2020	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 11, 2020	Dec. 11, 2020~ Dec. 15, 2020	Dec. 10, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 25, 2020	Dec. 01, 2020~ Dec. 15, 2020	Feb. 24, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz~40GHz	Feb. 25, 2020	Dec. 01, 2020~ Dec. 15, 2020	Feb. 24, 2021	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP161243	N/A	Jul. 27, 2020	Dec. 01, 2020~ Dec. 15, 2020	Jul. 26, 2021	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 01, 2020~ Dec. 15, 2020	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Dec. 01, 2020~ Dec. 15, 2020	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Dec. 01, 2020~ Dec. 15, 2020	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Dec. 01, 2020~ Dec. 15, 2020	N/A	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-12SS	SN2	1.2GHz Low Pass Filter	Mar. 21, 2020	Dec. 01, 2020~ Dec. 15, 2020	Mar. 20, 2021	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 18, 2020	Dec. 01, 2020~ Dec. 15, 2020	Mar. 17, 2021	Radiation (03CH12-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Nov. 25, 2020~ Dec. 17, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Nov. 25, 2020~ Dec. 17, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Nov. 25, 2020~ Dec. 17, 2020	Jul. 21, 2021	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Dec. 30, 2019	Nov. 25, 2020~ Dec. 17, 2020	Dec. 29, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Nov. 25, 2020~ Dec. 17, 2020	Mar. 16, 2021	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 07, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 11, 2020	Dec. 07, 2020	Sep. 10, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Dec. 07, 2020	Nov. 15, 2021	Conduction (CO05-HY)
LISN	TESEQ	NNB 52	36122	9kHz~30MHz	Feb. 04, 2020	Dec. 07, 2020	Feb. 03, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Dec. 07, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Dec. 07, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Dec. 07, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Dec. 07, 2020	Mar. 01, 2021	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.6**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kai Liao	Temperature:	20.7~23.9	°C
Test Date:	2020/11/25 ~ 2020/12/17	Relative Humidity:	53.8~55.8	%

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.88	-	23.90	-	-		22.27	-		
11a	6Mbps	1	44	5220	16.98	-	24.10	-	-		22.30	-		
11a	6Mbps	1	48	5240	16.93	-	24.20	-	-		22.29	-		
HT20	MCS0	1	36	5180	17.83	-	23.70	-	-		22.51	-		
HT20	MCS0	1	44	5220	17.78	-	24.10	-	-		22.50	-		
HT20	MCS0	1	48	5240	17.93	-	24.55	-	-		22.54	-		
HT40	MCS0	1	38	5190	35.96	-	40.32	-	-		23.01	-		
HT40	MCS0	1	46	5230	35.96	-	40.59	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	13.70	-		24.00	-	5.00	-		Pass
11a	6Mbps	1	44	5220	13.70	-		24.00	-	5.00	-		Pass
11a	6Mbps	1	48	5240	13.50	-		24.00	-	5.00	-		Pass
HT20	MCS0	1	36	5180	12.70	-		24.00	-	5.00	-		Pass
HT20	MCS0	1	44	5220	12.70	-		24.00	-	5.00	-		Pass
HT20	MCS0	1	48	5240	12.50	-		24.00	-	5.00	-		Pass
HT40	MCS0	1	38	5190	12.50	-		24.00	-	5.00	-		Pass
HT40	MCS0	1	46	5230	12.70	-		24.00	-	5.00	-		Pass

Report Number : FR0N0645C

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	2.14	-		11.00	-	5.00	-		Pass
11a	6Mbps	1	44	5220	2.30	-		11.00	-	5.00	-		Pass
11a	6Mbps	1	48	5240	1.90	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	36	5180	1.01	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	44	5220	0.93	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	48	5240	0.56	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	38	5190	-2.14	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	46	5230	-1.47	-		11.00	-	5.00	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.88	-	23.45	-	23.27	-	29.27	-	23.98	-	
11a	6Mbps	1	60	5300	16.88	-	23.95	-	23.27	-	29.27	-	23.98	-	
11a	6Mbps	1	64	5320	16.93	-	24.15	-	23.29	-	29.29	-	23.98	-	
HT20	MCS0	1	52	5260	18.03	-	24.75	-	23.56	-	29.56	-	23.98	-	
HT20	MCS0	1	60	5300	17.88	-	25.00	-	23.52	-	29.52	-	23.98	-	
HT20	MCS0	1	64	5320	17.98	-	24.40	-	23.55	-	29.55	-	23.98	-	
HT40	MCS0	1	54	5270	35.96	-	39.42	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	35.96	-	39.96	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	13.60	-		23.98	-	5.00	-	26.99	Pass
11a	6Mbps	1	60	5300	13.40	-		23.98	-	5.00	-	26.99	Pass
11a	6Mbps	1	64	5320	13.40	-		23.98	-	5.00	-	26.99	Pass
HT20	MCS0	1	52	5260	12.60	-		23.98	-	5.00	-	26.99	Pass
HT20	MCS0	1	60	5300	12.50	-		23.98	-	5.00	-	26.99	Pass
HT20	MCS0	1	64	5320	12.80	-		23.98	-	5.00	-	26.99	Pass
HT40	MCS0	1	54	5270	12.70	-		23.98	-	5.00	-	26.99	Pass
HT40	MCS0	1	62	5310	12.80	-		23.98	-	5.00	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	1.95	-		11.00	-	5.00	-		Pass
11a	6Mbps	1	60	5300	1.97	-		11.00	-	5.00	-		Pass
11a	6Mbps	1	64	5320	2.39	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	52	5260	0.86	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	60	5300	-1.92	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	64	5320	0.85	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	54	5270	-1.19	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	62	5310	-1.01	-		11.00	-	5.00	-		Pass

Report Number : FR0N0645C

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.83	-	23.75	-	23.26	-	29.26	-	23.98	-	----	----
11a	6Mbps	1	116	5580	16.93	-	23.85	-	23.29	-	29.29	-	23.98	-	----	----
11a	6Mbps	1	124	5620	16.88	-	23.70	-	23.27	-	29.27	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.93	-	24.35	-	23.29	-	29.29	-	23.98	-	----	----
HT20	MCS0	1	100	5500	17.88	-	24.05	-	23.52	-	29.52	-	23.98	-	----	----
HT20	MCS0	1	116	5580	17.93	-	24.60	-	23.54	-	29.54	-	23.98	-	----	----
HT20	MCS0	1	124	5620	17.88	-	24.40	-	23.52	-	29.52	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.03	-	24.80	-	23.56	-	29.56	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.06	-	40.77	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	35.96	-	41.58	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	126	5630	35.96	-	39.96	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	35.96	-	39.96	-	23.98	-	30.00	-	23.98	-	----	----

TEST RESULTS DATA
Average Power Table

FCC Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	14.00	-		23.98	-	5.00	-	26.99	Pass
11a	6Mbps	1	116	5580	13.70	-		23.98	-	5.00	-	26.99	Pass
11a	6Mbps	1	124	5620	13.60	-		23.98	-	5.00	-	26.99	Pass
11a	6Mbps	1	140	5700	13.80	-		23.98	-	5.00	-	26.99	Pass
HT20	MCS0	1	100	5500	12.90	-		23.98	-	5.00	-	26.99	Pass
HT20	MCS0	1	116	5580	12.70	-		23.98	-	5.00	-	26.99	Pass
HT20	MCS0	1	124	5620	12.80	-		23.98	-	5.00	-	26.99	Pass
HT20	MCS0	1	140	5700	13.00	-		23.98	-	5.00	-	26.99	Pass
HT40	MCS0	1	102	5510	13.00	-		23.98	-	5.00	-	26.99	Pass
HT40	MCS0	1	110	5550	12.80	-		23.98	-	5.00	-	26.99	Pass
HT40	MCS0	1	126	5630	13.00	-		23.98	-	5.00	-	26.99	Pass
HT40	MCS0	1	134	5670	12.80	-		23.98	-	5.00	-	26.99	Pass

Report Number : FR0N0645C

TEST RESULTS DATA
Power Spectral Density

Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	2.64	-		11.00	-	5.00	-		Pass
11a	6Mbps	1	116	5580	2.46	-		11.00	-	5.00	-		Pass
11a	6Mbps	1	124	5620	2.25	-		11.00	-	5.00	-		Pass
11a	6Mbps	1	140	5700	2.39	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	100	5500	1.26	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	116	5580	1.05	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	124	5620	2.08	-		11.00	-	5.00	-		Pass
HT20	MCS0	1	140	5700	1.41	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	102	5510	-1.24	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	110	5550	-1.53	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	126	5630	-1.52	-		11.00	-	5.00	-		Pass
HT40	MCS0	1	134	5670	-1.09	-		11.00	-	5.00	-		Pass

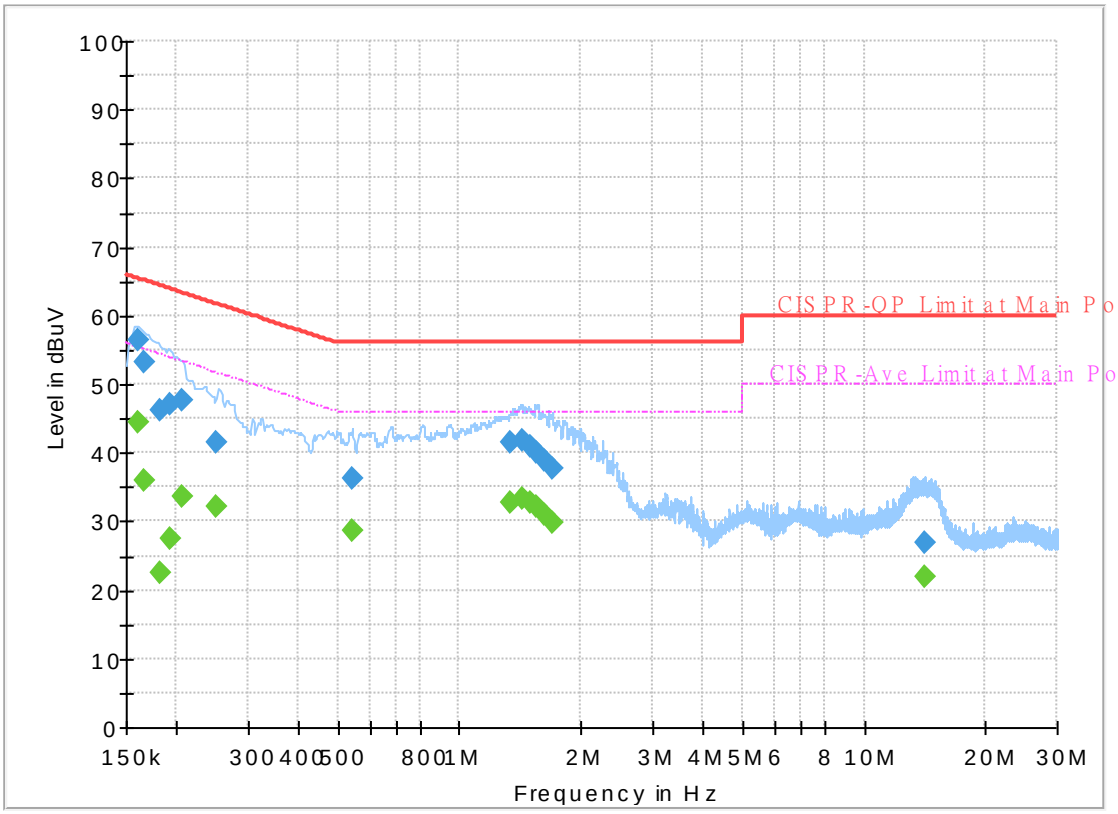
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee and Howard Huang	**Temperature :**	24~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO :	0N0645
Test Mode :	Mode 3
Test Voltage :	Power From System
Phase :	Line

Full Spectrum



Final_Result

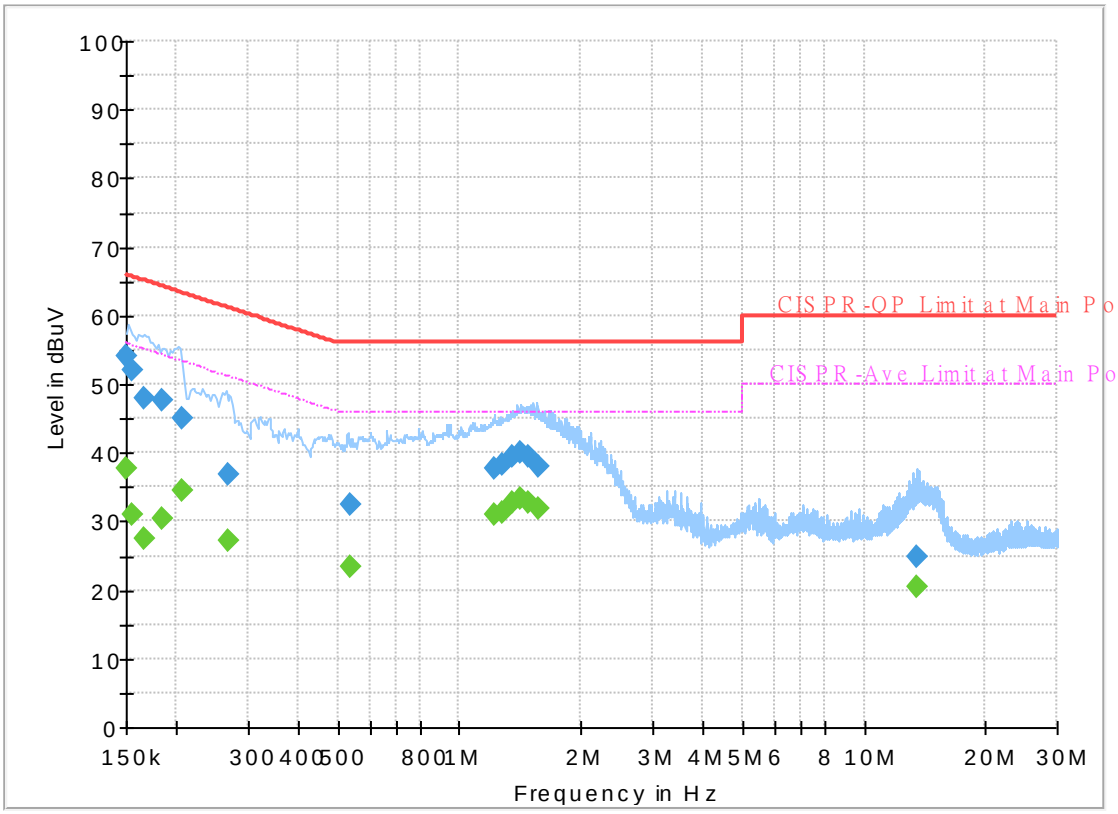
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.160890	---	44.35	55.42	11.07	L1	OFF	19.5
0.160890	56.49	---	65.42	8.93	L1	OFF	19.5
0.165750	---	35.86	55.17	19.31	L1	OFF	19.5
0.165750	53.14	---	65.17	12.03	L1	OFF	19.5
0.181500	---	22.60	54.42	31.82	L1	OFF	19.5
0.181500	46.19	---	64.42	18.23	L1	OFF	19.5
0.192120	---	27.39	53.94	26.55	L1	OFF	19.5
0.192120	47.01	---	63.94	16.93	L1	OFF	19.5
0.205800	---	33.63	53.37	19.74	L1	OFF	19.5
0.205800	47.56	---	63.37	15.81	L1	OFF	19.5
0.251250	---	32.29	51.72	19.43	L1	OFF	19.5
0.251250	41.43	---	61.72	20.29	L1	OFF	19.5
0.542760	---	28.72	46.00	17.28	L1	OFF	19.5
0.542760	36.11	---	56.00	19.89	L1	OFF	19.5
1.335750	---	32.64	46.00	13.36	L1	OFF	19.6
1.335750	41.66	---	56.00	14.34	L1	OFF	19.6
1.427100	---	33.40	46.00	12.60	L1	OFF	19.6
1.427100	41.87	---	56.00	14.13	L1	OFF	19.6
1.503060	---	32.89	46.00	13.11	L1	OFF	19.6
1.503060	41.07	---	56.00	14.93	L1	OFF	19.6
1.558500	---	32.16	46.00	13.84	L1	OFF	19.6

1.558500	40.12	---	56.00	15.88	L1	OFF	19.6
1.619250	---	30.86	46.00	15.14	L1	OFF	19.6
1.619250	38.90	---	56.00	17.10	L1	OFF	19.6
1.699530	---	29.89	46.00	16.11	L1	OFF	19.6
1.699530	37.61	---	56.00	18.39	L1	OFF	19.6
14.172000	---	21.87	50.00	28.13	L1	OFF	19.8
14.172000	26.76	---	60.00	33.24	L1	OFF	19.8

EUT Information

Report NO :	0N0645
Test Mode :	Mode 3
Test Voltage :	Power From System
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	37.62	56.00	18.38	N	OFF	19.6
0.150000	54.08	---	66.00	11.92	N	OFF	19.6
0.154500	---	30.96	55.75	24.79	N	OFF	19.5
0.154500	52.13	---	65.75	13.62	N	OFF	19.5
0.166200	---	27.52	55.15	27.63	N	OFF	19.5
0.166200	47.86	---	65.15	17.29	N	OFF	19.5
0.183750	---	30.29	54.31	24.02	N	OFF	19.5
0.183750	47.63	---	64.31	16.68	N	OFF	19.5
0.206700	---	34.38	53.34	18.96	N	OFF	19.5
0.206700	45.13	---	63.34	18.21	N	OFF	19.5
0.267360	---	27.05	51.20	24.15	N	OFF	19.5
0.267360	36.80	---	61.20	24.40	N	OFF	19.5
0.534750	---	23.30	46.00	22.70	N	OFF	19.5
0.534750	32.33	---	56.00	23.67	N	OFF	19.5
1.214250	---	30.92	46.00	15.08	N	OFF	19.6
1.214250	37.78	---	56.00	18.22	N	OFF	19.6
1.284810	---	31.26	46.00	14.74	N	OFF	19.6
1.284810	38.39	---	56.00	17.61	N	OFF	19.6
1.351500	---	32.64	46.00	13.36	N	OFF	19.6
1.351500	39.62	---	56.00	16.38	N	OFF	19.6
1.409370	---	33.46	46.00	12.54	N	OFF	19.6

1.409370	40.14	---	56.00	15.86	N	OFF	19.6
1.487490	---	32.85	46.00	13.15	N	OFF	19.6
1.487490	39.36	---	56.00	16.64	N	OFF	19.6
1.562190	---	31.99	46.00	14.01	N	OFF	19.6
1.562190	38.08	---	56.00	17.92	N	OFF	19.6
13.452000	---	20.41	50.00	29.59	N	OFF	19.8
13.452000	24.86	---	60.00	35.14	N	OFF	19.8

Appendix C. Radiated Spurious Emission

Test Engineer :	Jack Cheng, Lance Chiang and Chuan Chu	Temperature :	22.3~26.4°C
		Relative Humidity :	58~66%

<Sample 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5147.94	56.8	-17.2	74	49.21	31.9	8.97	33.28	124	239	P	H
		5150	48.7	-5.3	54	41.11	31.9	8.97	33.28	124	239	A	H
	*	5180	107.88	-	-	100.44	31.72	8.99	33.27	124	239	P	H
	*	5180	100.15	-	-	92.71	31.72	8.99	33.27	124	239	A	H
													H
													H
		5146.38	49.85	-24.15	74	42.26	31.9	8.97	33.28	388	288	P	V
		5150	43.47	-10.53	54	35.88	31.9	8.97	33.28	388	288	A	V
	*	5180	103.41	-	-	95.97	31.72	8.99	33.27	388	288	P	V
	*	5180	95.83	-	-	88.39	31.72	8.99	33.27	388	288	A	V
													V
													V
802.11a CH 44 5220MHz		5103.22	51.38	-22.62	74	43.82	31.9	8.94	33.28	100	240	P	H
		5140.14	43.21	-10.79	54	35.62	31.9	8.97	33.28	100	240	A	H
	*	5220	109	-	-	101.75	31.48	9.04	33.27	100	240	P	H
	*	5220	99.08	-	-	91.83	31.48	9.04	33.27	100	240	A	H
		5384.68	49.95	-24.05	74	42.61	31.34	9.25	33.25	100	240	P	H
		5375.44	44.26	-9.74	54	36.97	31.3	9.24	33.25	100	240	A	H
		5099.06	49.75	-24.25	74	42.2	31.9	8.93	33.28	400	64	P	V
		5103.48	41.37	-12.63	54	33.81	31.9	8.94	33.28	400	64	A	V
	*	5220	104.16	-	-	96.91	31.48	9.04	33.27	400	64	P	V
	*	5220	94.1	-	-	86.85	31.48	9.04	33.27	400	64	A	V
		5438.72	46.91	-27.09	74	39.29	31.55	9.32	33.25	400	64	P	V
		5382.16	40.89	-13.11	54	33.56	31.33	9.25	33.25	400	64	A	V

802.11a CH 48 5240MHz		5113.36	50.25	-23.75	74	42.68	31.9	8.95	33.28	122	239	P	H
		5122.46	42.78	-11.22	54	35.21	31.9	8.95	33.28	122	239	A	H
	*	5240	107.6	-	-	100.45	31.36	9.06	33.27	122	239	P	H
	*	5240	100.29	-	-	93.14	31.36	9.06	33.27	122	239	A	H
		5358.36	51.16	-22.84	74	43.96	31.23	9.22	33.25	122	239	P	H
		5355.56	44.15	-9.85	54	36.97	31.22	9.21	33.25	122	239	A	H
		5122.72	48.41	-25.59	74	40.84	31.9	8.95	33.28	400	287	P	V
		5121.94	41.33	-12.67	54	33.76	31.9	8.95	33.28	400	287	A	V
	*	5240	103.11	-	-	95.96	31.36	9.06	33.27	400	287	P	V
	*	5240	95.6	-	-	88.45	31.36	9.06	33.27	400	287	A	V
		5398.96	46.54	-27.46	74	39.12	31.4	9.27	33.25	400	287	P	V
		5402.6	41.07	-12.93	54	33.64	31.41	9.27	33.25	400	287	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	53.27	-14.93	68.2	59.58	39.58	16.26	62.15	100	0	P	H
		15540	44.51	-29.49	74	47.66	37.92	19.57	60.64	100	0	P	H
													H
													H
		10360	53.54	-14.66	68.2	59.85	39.58	16.26	62.15	100	0	P	V
		15540	44.56	-29.44	74	47.71	37.92	19.57	60.64	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	53.21	-14.99	68.2	59.38	39.78	16.34	62.29	100	0	P	H
		15660	45.69	-28.31	74	48.96	37.56	19.61	60.44	100	0	P	H
													H
													H
		10440	53.73	-14.47	68.2	59.9	39.78	16.34	62.29	100	0	P	V
		15660	49.14	-24.86	74	52.41	37.56	19.61	60.44	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	52.89	-15.31	68.2	59	39.86	16.39	62.36	100	0	P	H
		15720	44.66	-29.34	74	47.85	37.54	19.62	60.35	100	0	P	H
													H
													H
		10480	50.52	-17.68	68.2	56.63	39.86	16.39	62.36	100	0	P	V
		15720	46.38	-27.62	74	49.57	37.54	19.62	60.35	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.16	53.61	-20.39	74	46.02	31.9	8.97	33.28	105	240	P	H
		5150	46.51	-7.49	54	38.92	31.9	8.97	33.28	105	240	A	H
	*	5180	106.51	-	-	99.07	31.72	8.99	33.27	105	240	P	H
	*	5180	98.71	-	-	91.27	31.72	8.99	33.27	105	240	A	H
802.11n													H
HT20													H
CH 36		5059.02	49.48	-24.52	74	42.12	31.74	8.9	33.28	388	284	P	V
5180MHz		5149.76	41.81	-12.19	54	34.22	31.9	8.97	33.28	388	284	A	V
	*	5180	102.21	-	-	94.77	31.72	8.99	33.27	388	284	P	V
	*	5180	94.45	-	-	87.01	31.72	8.99	33.27	388	284	A	V
													V
													V
		5115.44	50.01	-23.99	74	42.44	31.9	8.95	33.28	124	237	P	H
		5140.14	42.84	-11.16	54	35.25	31.9	8.97	33.28	124	237	A	H
	*	5220	106.41	-	-	99.16	31.48	9.04	33.27	124	237	P	H
	*	5220	99.07	-	-	91.82	31.48	9.04	33.27	124	237	A	H
802.11n		5423.88	49.64	-24.36	74	42.09	31.5	9.3	33.25	124	237	P	H
HT20		5383.56	43.29	-10.71	54	35.96	31.33	9.25	33.25	124	237	A	H
CH 44		5121.94	48.97	-25.03	74	41.4	31.9	8.95	33.28	400	59	P	V
5220MHz		5105.82	40.92	-13.08	54	33.36	31.9	8.94	33.28	400	59	A	V
	*	5220	102	-	-	94.75	31.48	9.04	33.27	400	59	P	V
	*	5220	94.73	-	-	87.48	31.48	9.04	33.27	400	59	A	V
		5388.6	47.28	-26.72	74	39.92	31.35	9.26	33.25	400	59	P	V
		5385.8	41.03	-12.97	54	33.69	31.34	9.25	33.25	400	59	A	V

		5115.18	49.12	-24.88	74	41.55	31.9	8.95	33.28	118	238	P	H
		5120.38	42.71	-11.29	54	35.14	31.9	8.95	33.28	118	238	A	H
	*	5240	106.71	-	-	99.56	31.36	9.06	33.27	118	238	P	H
	*	5240	99.07	-	-	91.92	31.36	9.06	33.27	118	238	A	H
802.11n		5354.72	50.57	-23.43	74	43.39	31.22	9.21	33.25	118	238	P	H
HT20		5362.56	43.54	-10.46	54	36.32	31.25	9.22	33.25	118	238	A	H
CH 48		5122.46	48.33	-25.67	74	40.76	31.9	8.95	33.28	400	287	P	V
5240MHz		5125.32	41.37	-12.63	54	33.8	31.9	8.95	33.28	400	287	A	V
	*	5240	102.13	-	-	94.98	31.36	9.06	33.27	400	287	P	V
	*	5240	94.25	-	-	87.1	31.36	9.06	33.27	400	287	A	V
		5441.8	47.62	-26.38	74	39.97	31.57	9.33	33.25	400	287	P	V
		5397.28	40.59	-13.41	54	33.18	31.39	9.27	33.25	400	287	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	53.29	-14.91	68.2	59.6	39.58	16.26	62.15	100	0	P	H
		15540	44.1	-29.9	74	47.25	37.92	19.57	60.64	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	51.18	-17.02	68.2	57.49	39.58	16.26	62.15	100	0	P	V
5180MHz		15540	45.02	-28.98	74	48.17	37.92	19.57	60.64	100	0	P	V
													V
													V
		10440	52.27	-15.93	68.2	58.44	39.78	16.34	62.29	100	0	P	H
		15660	45.12	-28.88	74	48.39	37.56	19.61	60.44	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	52.51	-15.69	68.2	58.68	39.78	16.34	62.29	100	0	P	V
5220MHz		15660	45.78	-28.22	74	49.05	37.56	19.61	60.44	100	0	P	V
													V
													V
		10480	52.39	-15.81	68.2	58.5	39.86	16.39	62.36	100	0	P	H
		15720	45.35	-28.65	74	48.54	37.54	19.62	60.35	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	52.19	-16.01	68.2	58.3	39.86	16.39	62.36	100	0	P	V
5240MHz		15720	46.12	-27.88	74	49.31	37.54	19.62	60.35	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.56	58.14	-15.86	74	50.55	31.9	8.97	33.28	100	237	P	H
		5148.98	50.27	-3.73	54	42.68	31.9	8.97	33.28	100	237	A	H
	*	5190	103.29	-	-	95.9	31.66	9	33.27	100	237	P	H
	*	5190	96.2	-	-	88.81	31.66	9	33.27	100	237	A	H
802.11n		5437.6	48.68	-25.32	74	41.06	31.55	9.32	33.25	100	237	P	H
HT40		5351.36	42.41	-11.59	54	35.24	31.21	9.21	33.25	100	237	A	H
CH 38		5145.6	52.86	-21.14	74	45.27	31.9	8.97	33.28	328	287	P	V
5190MHz		5149.5	44.94	-9.06	54	37.35	31.9	8.97	33.28	328	287	A	V
	*	5190	99.24	-	-	91.85	31.66	9	33.27	328	287	P	V
	*	5190	91.73	-	-	84.34	31.66	9	33.27	328	287	A	V
		5433.96	47.38	-26.62	74	39.77	31.54	9.32	33.25	328	287	P	V
		5350.8	40.26	-13.74	54	33.1	31.2	9.21	33.25	328	287	A	V
		5104.52	50.92	-23.08	74	43.36	31.9	8.94	33.28	122	237	P	H
		5150	44.08	-9.92	54	36.49	31.9	8.97	33.28	122	237	A	H
	*	5230	104.02	-	-	96.82	31.42	9.05	33.27	122	237	P	H
	*	5230	97.43	-	-	90.23	31.42	9.05	33.27	122	237	A	H
802.11n		5354.16	50.03	-23.97	74	42.85	31.22	9.21	33.25	122	237	P	H
HT40		5377.68	43.5	-10.5	54	36.2	31.31	9.24	33.25	122	237	A	H
CH 46		5122.2	48.98	-25.02	74	41.41	31.9	8.95	33.28	383	290	P	V
5230MHz		5107.9	41.07	-12.93	54	33.51	31.9	8.94	33.28	383	290	A	V
	*	5230	98.9	-	-	91.7	31.42	9.05	33.27	383	290	P	V
	*	5230	92.42	-	-	85.22	31.42	9.05	33.27	383	290	A	V
		5355.84	46.97	-27.03	74	39.79	31.22	9.21	33.25	383	290	P	V
		5360.88	40.93	-13.07	54	33.72	31.24	9.22	33.25	383	290	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	50.08	-18.12	68.2	56.34	39.64	16.28	62.18	100	0	P	H
		15570	45.69	-28.31	74	48.99	37.71	19.58	60.59	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	49.95	-18.25	68.2	56.21	39.64	16.28	62.18	100	0	P	V
5190MHz		15570	45.54	-28.46	74	48.84	37.71	19.58	60.59	100	0	P	V
													V
													V
		10460	50.05	-18.15	68.2	56.19	39.82	16.37	62.33	100	0	P	H
		15690	45	-29	74	48.2	37.59	19.61	60.4	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	50.95	-17.25	68.2	57.09	39.82	16.37	62.33	100	0	P	V
5230MHz		15690	45.42	-28.58	74	48.62	37.59	19.61	60.4	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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		5145.18	50.69	-23.31	74	43.1	31.9	8.97	33.28	113	236	P	H
		5144.5	43.09	-10.91	54	35.5	31.9	8.97	33.28	113	236	A	H
	*	5260	108.01	-	-	100.9	31.28	9.09	33.26	113	236	P	H
	*	5260	90.17	-	-	83.06	31.28	9.09	33.26	113	236	A	H
		5378.16	50.91	-23.09	74	43.61	31.31	9.24	33.25	113	236	P	H
		5383.2	43.9	-10.1	54	36.57	31.33	9.25	33.25	113	236	A	H
		5138.04	48.99	-25.01	74	41.41	31.9	8.96	33.28	400	289	P	V
		5136.68	41.24	-12.76	54	33.66	31.9	8.96	33.28	400	289	A	V
	*	5260	103.23	-	-	96.12	31.28	9.09	33.26	400	289	P	V
	*	5260	95.82	-	-	88.71	31.28	9.09	33.26	400	289	A	V
		5412	48.91	-25.09	74	41.42	31.45	9.29	33.25	400	289	P	V
		5382	41.11	-12.89	54	33.78	31.33	9.25	33.25	400	289	A	V
802.11a CH 60 5300MHz		5112.2	50.6	-23.4	74	43.04	31.9	8.94	33.28	113	237	P	H
		5147.56	41.48	-12.52	54	33.89	31.9	8.97	33.28	113	237	A	H
	*	5300	107.69	-	-	100.61	31.2	9.14	33.26	113	237	P	H
	*	5300	100.48	-	-	93.4	31.2	9.14	33.26	113	237	A	H
		5425.68	50.59	-23.41	74	43.04	31.5	9.3	33.25	113	237	P	H
		5418	43.95	-10.05	54	36.44	31.47	9.29	33.25	113	237	A	H
		5097.24	47.99	-26.01	74	40.45	31.89	8.93	33.28	372	288	P	V
		5137.02	40.52	-13.48	54	32.94	31.9	8.96	33.28	372	288	A	V
	*	5300	103.68	-	-	96.6	31.2	9.14	33.26	372	288	P	V
	*	5300	95.58	-	-	88.5	31.2	9.14	33.26	372	288	A	V
		5412	48.82	-25.18	74	41.33	31.45	9.29	33.25	372	288	P	V
		5458.08	41.28	-12.72	54	33.54	31.63	9.35	33.24	372	288	A	V

802.11a CH 64 5320MHz	*	5320	108.15	-	-	101.04	31.2	9.17	33.26	110	238	P	H
	*	5320	100.77	-	-	93.66	31.2	9.17	33.26	110	238	A	H
		5363.04	51.03	-22.97	74	43.81	31.25	9.22	33.25	110	238	P	H
		5350.24	45.55	-8.45	54	38.39	31.2	9.21	33.25	110	238	A	H
													H
													H
	*	5320	104.35	-	-	97.24	31.2	9.17	33.26	390	285	P	V
	*	5320	96.18	-	-	89.07	31.2	9.17	33.26	390	285	A	V
		5350.88	48.07	-25.93	74	40.91	31.2	9.21	33.25	390	285	P	V
		5443.68	41.33	-12.67	54	33.68	31.57	9.33	33.25	390	285	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	52.99	-15.21	68.2	59.1	39.86	16.44	62.41	100	0	P	H
		15780	45.52	-28.48	74	48.78	37.36	19.63	60.25	100	0	P	H
													H
													H
		10520	52.11	-16.09	68.2	58.22	39.86	16.44	62.41	100	0	P	V
		15780	46.15	-27.85	74	49.41	37.36	19.63	60.25	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	49.62	-24.38	74	55.84	39.7	16.52	62.44	100	0	P	H
		15900	43.43	-30.57	74	46.62	37.2	19.67	60.06	100	0	P	H
													H
													H
		10600	55.17	-18.83	74	61.39	39.7	16.52	62.44	400	188	P	V
		10600	43.97	-10.03	54	50.19	39.7	16.52	62.44	400	188	A	V
		15900	44.57	-29.43	74	47.76	37.2	19.67	60.06	100	0	p	V
													V
802.11a CH 64 5320MHz		10640	51.73	-22.27	74	57.84	39.78	16.57	62.46	100	154	P	H
		10640	44.06	-9.94	54	50.17	39.78	16.57	62.46	100	154	A	H
		15960	43.76	-30.24	74	46.66	37.38	19.68	59.96	100	0	P	H
													H
		10640	53.51	-20.49	74	59.62	39.78	16.57	62.46	396	197	P	V
		10640	45.09	-8.91	54	51.2	39.78	16.57	62.46	396	197	A	V
		15960	45.45	-28.55	74	48.35	37.38	19.68	59.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.94	51.3	-22.7	74	43.71	31.9	8.97	33.28	100	236	P	H
		5144.84	42.98	-11.02	54	35.39	31.9	8.97	33.28	100	236	A	H
	*	5260	106.86	-	-	99.75	31.28	9.09	33.26	100	236	P	H
	*	5260	98.85	-	-	91.74	31.28	9.09	33.26	100	236	A	H
802.11n		5376.24	50.14	-23.86	74	42.85	31.3	9.24	33.25	100	236	P	H
HT20		5376.72	43.67	-10.33	54	36.37	31.31	9.24	33.25	100	236	A	H
CH 52		5134.98	49.22	-24.78	74	41.64	31.9	8.96	33.28	400	288	P	V
5260MHz		5137.36	41.19	-12.81	54	33.61	31.9	8.96	33.28	400	288	A	V
	*	5260	102.85	-	-	95.74	31.28	9.09	33.26	400	288	P	V
	*	5260	94.72	-	-	87.61	31.28	9.09	33.26	400	288	A	V
		5358.72	47.62	-26.38	74	40.42	31.23	9.22	33.25	400	288	P	V
		5378.16	40.92	-13.08	54	33.62	31.31	9.24	33.25	400	288	A	V
		5093.84	48.8	-25.2	74	41.27	31.88	8.93	33.28	116	235	P	H
		5146.54	41.63	-12.37	54	34.04	31.9	8.97	33.28	116	235	A	H
	*	5300	107.04	-	-	99.96	31.2	9.14	33.26	116	235	P	H
	*	5300	99.42	-	-	92.34	31.2	9.14	33.26	116	235	A	H
802.11n		5351.28	50.83	-23.17	74	43.66	31.21	9.21	33.25	116	235	P	H
HT20		5417.76	43.5	-10.5	54	35.99	31.47	9.29	33.25	116	235	A	H
CH 60		5141.44	47.86	-26.14	74	40.27	31.9	8.97	33.28	352	292	P	V
5300MHz		5145.86	40.44	-13.56	54	32.85	31.9	8.97	33.28	352	292	A	V
	*	5300	101.95	-	-	94.87	31.2	9.14	33.26	352	292	P	V
	*	5300	94.34	-	-	87.26	31.2	9.14	33.26	352	292	A	V
		5444.88	47.94	-26.06	74	40.28	31.58	9.33	33.25	352	292	P	V
		5457.12	40.98	-13.02	54	33.24	31.63	9.35	33.24	352	292	A	V

	*	5320	107.52	-	-	100.41	31.2	9.17	33.26	112	240	P	H
	*	5320	99.64	-	-	92.53	31.2	9.17	33.26	112	240	A	H
		5353.6	51.71	-22.29	74	44.54	31.21	9.21	33.25	112	240	P	H
		5350.08	45.92	-8.08	54	38.76	31.2	9.21	33.25	112	240	A	H
802.11n													H
HT20													H
CH 64	*	5320	102.99	-	-	95.88	31.2	9.17	33.26	390	286	P	V
5320MHz	*	5320	95.03	-	-	87.92	31.2	9.17	33.26	390	286	A	V
		5351.04	49.58	-24.42	74	42.42	31.2	9.21	33.25	390	286	P	V
		5350.08	41.4	-12.6	54	34.24	31.2	9.21	33.25	390	286	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	51.91	-16.29	68.2	58.02	39.86	16.44	62.41	100	0	P	H
		15780	44.9	-29.1	74	48.16	37.36	19.63	60.25	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	51.25	-16.95	68.2	57.36	39.86	16.44	62.41	100	0	P	V
5260MHz		15780	44.68	-29.32	74	47.94	37.36	19.63	60.25	100	0	P	V
													V
													V
		10600	48.94	-25.06	74	55.16	39.7	16.52	62.44	100	0	P	H
		15900	44.29	-29.71	74	47.48	37.2	19.67	60.06	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	51.03	-22.97	74	57.25	39.7	16.52	62.44	400	190	P	V
5300MHz		10600	43.65	-10.35	54	49.87	39.7	16.52	62.44	400	190	A	V
		15900	44.42	-29.58	74	47.61	37.2	19.67	60.06	100	0	P	V
													V
		10640	49.74	-24.26	74	55.85	39.78	16.57	62.46	100	0	P	H
		15960	44.31	-29.69	74	47.21	37.38	19.68	59.96	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	49.86	-24.14	74	55.97	39.78	16.57	62.46	100	0	P	V
5320MHz		15960	44.96	-29.04	74	47.86	37.38	19.68	59.96	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5131.92	49.84	-24.16	74	42.26	31.9	8.96	33.28	101	236	P	H
		5144.84	43.11	-10.89	54	35.52	31.9	8.97	33.28	101	236	A	H
	*	5270	105.53	-	-	98.43	31.26	9.1	33.26	101	236	P	H
	*	5270	97.56	-	-	90.46	31.26	9.1	33.26	101	236	A	H
		5377.44	49.01	-24.99	74	41.71	31.31	9.24	33.25	101	236	P	H
		5393.52	43.77	-10.23	54	36.39	31.37	9.26	33.25	101	236	A	H
		5082.28	48.3	-25.7	74	40.83	31.83	8.92	33.28	375	286	P	V
		5137.02	41.59	-12.41	54	34.01	31.9	8.96	33.28	375	286	A	V
	*	5270	99.5	-	-	92.4	31.26	9.1	33.26	375	286	P	V
	*	5270	93.14	-	-	86.04	31.26	9.1	33.26	375	286	A	V
		5424.72	47.99	-26.01	74	40.44	31.5	9.3	33.25	375	286	P	V
		5425.2	41.19	-12.81	54	33.64	31.5	9.3	33.25	375	286	A	V
802.11n HT40 CH 62 5310MHz		5079.56	48.93	-25.07	74	41.47	31.82	8.92	33.28	113	242	P	H
		5121.38	42.04	-11.96	54	34.47	31.9	8.95	33.28	113	242	A	H
	*	5310	105.4	-	-	98.31	31.2	9.15	33.26	113	242	P	H
	*	5310	97.81	-	-	90.72	31.2	9.15	33.26	113	242	A	H
		5351.04	55.57	-18.43	74	48.41	31.2	9.21	33.25	113	242	P	H
		5350.56	49.2	-4.8	54	42.04	31.2	9.21	33.25	113	242	A	H
		5064.94	48.32	-25.68	74	40.93	31.76	8.91	33.28	353	287	P	V
		5103.36	40.93	-13.07	54	33.37	31.9	8.94	33.28	353	287	A	V
	*	5310	99.4	-	-	92.31	31.2	9.15	33.26	353	287	P	V
	*	5310	92.33	-	-	85.24	31.2	9.15	33.26	353	287	A	V
		5352.72	49.07	-24.93	74	41.9	31.21	9.21	33.25	353	287	P	V
		5350.08	42.97	-11.03	54	35.81	31.2	9.21	33.25	353	287	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	51.27	-16.93	68.2	57.41	39.82	16.46	62.42	100	0	P	H
		15810	44.01	-29.99	74	47.28	37.29	19.64	60.2	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	49.76	-18.44	68.2	55.9	39.82	16.46	62.42	100	0	P	V
5270MHz		15810	43.91	-30.09	74	47.18	37.29	19.64	60.2	100	0	P	V
													V
													V
		10620	48.52	-25.48	74	54.69	39.74	16.54	62.45	100	0	P	H
		15930	44.19	-29.81	74	47.24	37.29	19.67	60.01	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	49.8	-24.2	74	55.97	39.74	16.54	62.45	100	0	P	V
5310MHz		15930	44.19	-29.81	74	47.24	37.29	19.67	60.01	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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		5452.72	49.76	-24.24	74	42.05	31.61	9.34	33.24	114	242	P	H
		5469.68	50.01	-18.19	68.2	42.21	31.68	9.36	33.24	114	242	P	H
		5460	43.34	-10.66	54	35.59	31.64	9.35	33.24	114	242	A	H
	*	5500	106.77	-	-	98.8	31.8	9.41	33.24	114	242	P	H
	*	5500	99.19	-	-	91.22	31.8	9.41	33.24	114	242	A	H
													H
		5373.36	47.6	-26.4	74	40.32	31.29	9.24	33.25	400	61	P	V
		5469.84	46.3	-21.9	68.2	38.5	31.68	9.36	33.24	400	61	P	V
		5384.24	40.88	-13.12	54	33.54	31.34	9.25	33.25	400	61	A	V
	*	5500	102.08	-	-	94.11	31.8	9.41	33.24	400	61	P	V
	*	5500	94.58	-	-	86.61	31.8	9.41	33.24	400	61	A	V
													V
802.11a CH 116 5580MHz		5454.88	48.09	-25.91	74	40.37	31.62	9.34	33.24	116	239	P	H
		5463.52	48.07	-20.13	68.2	40.3	31.65	9.36	33.24	116	239	P	H
		5458.48	43.08	-10.92	54	35.34	31.63	9.35	33.24	116	239	A	H
	*	5580	107.29	-	-	99.41	31.64	9.51	33.27	116	239	P	H
	*	5580	98.83	-	-	90.95	31.64	9.51	33.27	116	239	A	H
		5736.65	50.6	-17.6	68.2	42.26	31.95	9.71	33.32	116	239	P	H
		5455.6	46.81	-27.19	74	39.08	31.62	9.35	33.24	351	50	P	V
		5460.16	47.25	-20.95	68.2	39.5	31.64	9.35	33.24	351	50	P	V
		5458.96	40.8	-13.2	54	33.05	31.64	9.35	33.24	351	50	A	V
	*	5580	101.96	-	-	94.08	31.64	9.51	33.27	351	50	P	V
	*	5580	94.69	-	-	86.81	31.64	9.51	33.27	351	50	A	V
		5747.045	48.69	-19.51	68.2	40.3	31.99	9.72	33.32	351	50	P	V

802.11a CH 140 5700MHz	*	5700	106.9	-	-	98.75	31.8	9.66	33.31	110	237	P	H
	*	5700	99.25	-	-	91.1	31.8	9.66	33.31	110	237	A	H
		5736.92	52.67	-15.53	68.2	44.33	31.95	9.71	33.32	110	237	P	H
													H
													H
													H
	*	5700	102.15	-	-	94	31.8	9.66	33.31	356	58	P	V
	*	5700	94.51	-	-	86.36	31.8	9.66	33.31	356	58	A	V
		5741.24	48.38	-19.82	68.2	40.02	31.96	9.72	33.32	356	58	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.73	-25.27	74	54.07	40.3	16.96	62.6	100	0	P	H
		16500	46.82	-21.38	68.2	46.35	39.3	20.37	59.2	100	0	P	H
													H
													H
		11000	49.02	-24.98	74	54.36	40.3	16.96	62.6	100	0	P	V
		16500	46.04	-22.16	68.2	45.57	39.3	20.37	59.2	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	48.3	-25.7	74	53.96	39.72	17.12	62.5	100	0	P	H
		16740	47.35	-20.85	68.2	45.64	40.08	20.69	59.06	100	0	P	H
													H
													H
		11160	48.28	-25.72	74	53.94	39.72	17.12	62.5	100	0	P	V
		16740	48.13	-20.07	68.2	46.42	40.08	20.69	59.06	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.6	-26.4	74	52.79	39.8	17.37	62.36	100	0	P	H
		17100	47.24	-20.96	68.2	44.67	40.1	21.19	58.72	100	0	P	H
													H
													H
		11400	49.71	-24.29	74	54.9	39.8	17.37	62.36	100	0	P	V
		17100	47.27	-20.93	68.2	44.7	40.1	21.19	58.72	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5448.56	49.23	-24.77	74	41.55	31.59	9.34	33.25	114	242	P	H
		5468.72	49.54	-18.66	68.2	41.75	31.67	9.36	33.24	114	242	P	H
		5458.16	43.2	-10.8	54	35.46	31.63	9.35	33.24	114	242	A	H
	*	5500	106.27	-	-	98.3	31.8	9.41	33.24	114	242	P	H
802.11n	*	5500	98.21	-	-	90.24	31.8	9.41	33.24	114	242	A	H
HT20													H
CH 100		5434.32	46.83	-27.17	74	39.22	31.54	9.32	33.25	400	60	P	V
5500MHz		5465.04	45.9	-22.3	68.2	38.12	31.66	9.36	33.24	400	60	P	V
		5383.92	40.85	-13.15	54	33.51	31.34	9.25	33.25	400	60	A	V
	*	5500	101.6	-	-	93.63	31.8	9.41	33.24	400	60	P	V
	*	5500	93.71	-	-	85.74	31.8	9.41	33.24	400	60	A	V
													V
		5458.24	49.36	-24.64	74	41.62	31.63	9.35	33.24	112	241	P	H
		5466.16	50.11	-18.09	68.2	42.33	31.66	9.36	33.24	112	241	P	H
		5458	42.64	-11.36	54	34.9	31.63	9.35	33.24	112	241	A	H
	*	5580	104.91	-	-	97.03	31.64	9.51	33.27	112	241	P	H
802.11n	*	5580	97.69	-	-	89.81	31.64	9.51	33.27	112	241	A	H
HT20		5742.635	48.64	-19.56	68.2	40.27	31.97	9.72	33.32	112	241	P	H
CH 116		5350.24	47.79	-26.21	74	40.63	31.2	9.21	33.25	352	49	P	V
5580MHz		5466.16	47	-21.2	68.2	39.22	31.66	9.36	33.24	352	49	P	V
		5456.56	40.59	-13.41	54	32.85	31.63	9.35	33.24	352	49	A	V
	*	5580	100.83	-	-	92.95	31.64	9.51	33.27	352	49	P	V
	*	5580	93.52	-	-	85.64	31.64	9.51	33.27	352	49	A	V
		5764.055	48.37	-19.83	68.2	39.92	32.03	9.75	33.33	352	49	P	V

	*	5700	105.38	-	-	97.23	31.8	9.66	33.31	100	264	P	H
	*	5700	98.24	-	-	90.09	31.8	9.66	33.31	100	264	A	H
		5727.64	52.02	-16.18	68.2	43.73	31.91	9.7	33.32	100	264	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	102.07	-	-	93.92	31.8	9.66	33.31	355	49	P	V
5700MHz	*	5700	94.84	-	-	86.69	31.8	9.66	33.31	355	49	A	V
		5727.56	49.51	-18.69	68.2	41.22	31.91	9.7	33.32	355	49	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	48.45	-25.55	74	53.79	40.3	16.96	62.6	100	0	P	H
		16500	46.14	-22.06	68.2	45.67	39.3	20.37	59.2	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	49.42	-24.58	74	54.76	40.3	16.96	62.6	100	0	P	V
5500MHz		16500	46.45	-21.75	68.2	45.98	39.3	20.37	59.2	100	0	P	V
													V
													V
		11160	47.21	-26.79	74	52.87	39.72	17.12	62.5	100	0	P	H
		16740	46.5	-21.7	68.2	44.79	40.08	20.69	59.06	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	48.56	-25.44	74	54.22	39.72	17.12	62.5	100	0	P	V
5580MHz		16740	46.38	-21.82	68.2	44.67	40.08	20.69	59.06	100	0	P	V
													V
													V
		11400	47.63	-26.37	74	52.82	39.8	17.37	62.36	100	0	P	H
		17100	47.13	-21.07	68.2	44.56	40.1	21.19	58.72	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	48.43	-25.57	74	53.62	39.8	17.37	62.36	100	0	P	V
5700MHz		17100	47.51	-20.69	68.2	44.94	40.1	21.19	58.72	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5454.16	50.81	-23.19	74	43.09	31.62	9.34	33.24	120	240	P	H
		5467.6	51.79	-16.41	68.2	44	31.67	9.36	33.24	120	240	P	H
		5459.68	44.52	-9.48	54	36.77	31.64	9.35	33.24	120	240	A	H
	*	5510	103.26	-	-	95.3	31.78	9.42	33.24	120	240	P	H
802.11n	*	5510	96.13	-	-	88.17	31.78	9.42	33.24	120	240	A	H
HT40		5745.47	47.74	-20.46	68.2	39.36	31.98	9.72	33.32	120	240	P	H
CH 102		5374	47.69	-26.31	74	40.4	31.3	9.24	33.25	380	54	P	V
5510MHz		5470	47.17	-21.03	68.2	39.37	31.68	9.36	33.24	380	54	P	V
		5458.24	41.24	-12.76	54	33.5	31.63	9.35	33.24	380	54	A	V
	*	5510	99.45	-	-	91.49	31.78	9.42	33.24	380	54	P	V
	*	5510	91.63	-	-	83.67	31.78	9.42	33.24	380	54	A	V
		5729.405	47.27	-20.93	68.2	38.97	31.92	9.7	33.32	380	54	P	V
		5354.56	47.86	-26.14	74	40.68	31.22	9.21	33.25	120	239	P	H
		5460.64	47.68	-20.52	68.2	39.93	31.64	9.35	33.24	120	239	P	H
		5446.24	42.83	-11.17	54	35.17	31.58	9.33	33.25	120	239	A	H
	*	5550	102.59	-	-	94.68	31.7	9.47	33.26	120	239	P	H
802.11n	*	5550	95.67	-	-	87.76	31.7	9.47	33.26	120	239	A	H
HT40		5746.73	48.9	-19.3	68.2	40.51	31.99	9.72	33.32	120	239	P	H
CH 110		5417.2	46.92	-27.08	74	39.41	31.47	9.29	33.25	337	56	P	V
5550MHz		5469.76	47.38	-20.82	68.2	39.58	31.68	9.36	33.24	337	56	P	V
		5424.4	40.91	-13.09	54	33.36	31.5	9.3	33.25	337	56	A	V
	*	5550	96.34	-	-	88.43	31.7	9.47	33.26	337	56	P	V
	*	5550	90.82	-	-	82.91	31.7	9.47	33.26	337	56	A	V
		5728.145	47.35	-20.85	68.2	39.06	31.91	9.7	33.32	337	56	P	V

		5390.6	48.1	-25.9	74	40.73	31.36	9.26	33.25	114	243	P	H
		5468.65	47.12	-21.08	68.2	39.33	31.67	9.36	33.24	114	243	P	H
		5436.8	41.52	-12.48	54	33.9	31.55	9.32	33.25	114	243	A	H
	*	5670	102.21	-	-	94.2	31.68	9.63	33.3	114	243	P	H
802.11n	*	5670	95.3	-	-	87.29	31.68	9.63	33.3	114	243	A	H
HT40		5727.9	51.71	-16.49	68.2	43.42	31.91	9.7	33.32	114	243	P	H
CH 134		5413.35	46.8	-27.2	74	39.31	31.45	9.29	33.25	378	57	P	V
5670MHz		5469.7	44.73	-23.47	68.2	36.93	31.68	9.36	33.24	378	57	P	V
		5455.35	40.22	-13.78	54	32.5	31.62	9.34	33.24	378	57	A	V
	*	5670	98.59	-	-	90.58	31.68	9.63	33.3	378	57	P	V
	*	5670	91.28	-	-	83.27	31.68	9.63	33.3	378	57	A	V
		5725	48.48	-19.72	68.2	40.2	31.9	9.7	33.32	378	57	P	V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.02	-24.98	74	54.41	40.22	16.98	62.59	100	0	P	H
		16530	46.04	-22.16	68.2	45.57	39.24	20.41	59.18	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	49.3	-24.7	74	54.69	40.22	16.98	62.59	100	0	P	V
5510MHz		16530	46.59	-21.61	68.2	46.12	39.24	20.41	59.18	100	0	P	V
													V
													V
		11100	48.47	-25.53	74	54.05	39.9	17.06	62.54	100	0	P	H
		16650	47.1	-21.1	68.2	46.09	39.55	20.57	59.11	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	48.75	-25.25	74	54.33	39.9	17.06	62.54	100	0	P	V
5550MHz		16650	45.96	-22.24	68.2	44.95	39.55	20.57	59.11	100	0	P	V
													V
													V
		11340	47.71	-26.29	74	53.13	39.68	17.3	62.4	100	0	P	H
		17010	46.96	-21.24	68.2	44.59	40.19	21.06	58.88	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	47.34	-26.66	74	52.76	39.68	17.3	62.4	100	0	P	V
5670MHz		17010	47.87	-20.33	68.2	45.5	40.19	21.06	58.88	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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 124 5620MHz		5456.4	47.78	-26.22	74	40.04	31.63	9.35	33.24	101	263	P	H
		5466.9	47.12	-21.08	68.2	39.33	31.67	9.36	33.24	101	263	P	H
		5459.2	40.88	-13.12	54	33.13	31.64	9.35	33.24	101	263	A	H
	*	5620	106.14	-	-	98.26	31.6	9.56	33.28	101	263	P	H
	*	5620	98.57	-	-	90.69	31.6	9.56	33.28	101	263	A	H
		5741.725	49.92	-18.28	68.2	41.55	31.97	9.72	33.32	101	263	P	H
		5383.25	46.94	-27.06	74	39.61	31.33	9.25	33.25	364	61	P	V
		5462.35	45.41	-22.79	68.2	37.65	31.65	9.35	33.24	364	61	P	V
		5452.55	39.62	-14.38	54	31.91	31.61	9.34	33.24	364	61	A	V
	*	5620	101.23	-	-	93.35	31.6	9.56	33.28	364	61	P	V
	*	5620	93.96	-	-	86.08	31.6	9.56	33.28	364	61	A	V
		5760.975	48.2	-20	68.2	39.77	32.02	9.74	33.33	364	61	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 124 5620MHz		11240	46.91	-27.09	74	52.57	39.6	17.2	62.46	100	0	P	H
		16860	46.32	-21.88	68.2	44.48	39.96	20.86	58.98	100	0	P	H
													H
													H
		11240	48.47	-25.53	74	54.13	39.6	17.2	62.46	100	0	P	V
		16860	48.47	-19.73	68.2	46.63	39.96	20.86	58.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 124 5620MHz		5390.6	47.91	-26.09	74	40.54	31.36	9.26	33.25	120	241	P	H
		5467.6	47.71	-20.49	68.2	39.92	31.67	9.36	33.24	120	241	P	H
		5459.2	40.96	-13.04	54	33.21	31.64	9.35	33.24	120	241	A	H
	*	5620	105.59	-	-	97.71	31.6	9.56	33.28	120	241	P	H
	*	5620	98.38	-	-	90.5	31.6	9.56	33.28	120	241	A	H
		5743.825	50.34	-17.86	68.2	41.96	31.98	9.72	33.32	120	241	P	H
		5420.7	47.65	-26.35	74	40.12	31.48	9.3	33.25	384	60	P	V
		5469	46.23	-21.97	68.2	38.43	31.68	9.36	33.24	384	60	P	V
		5454.65	39.84	-14.16	54	32.12	31.62	9.34	33.24	384	60	A	V
	*	5620	101.56	-	-	93.68	31.6	9.56	33.28	384	60	P	V
	*	5620	94.08	-	-	86.2	31.6	9.56	33.28	384	60	A	V
		5732.275	48.7	-19.5	68.2	40.38	31.93	9.71	33.32	384	60	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n 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)
		11240	48.42	-25.58	74	54.08	39.6	17.2	62.46	100	0	P	H
		16860	46.9	-21.3	68.2	45.06	39.96	20.86	58.98	100	0	P	H
802.11n													H
HT20													H
CH 124		11240	48.74	-25.26	74	54.4	39.6	17.2	62.46	100	0	P	V
5620MHz		16860	47.1	-21.1	68.2	45.26	39.96	20.86	58.98	100	0	P	V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 126 5630MHz		5365.4	48.46	-25.54	74	41.22	31.26	9.23	33.25	100	265	P	H
		5459.9	45.94	-28.06	74	38.19	31.64	9.35	33.24	100	265	P	H
		5446.25	41.11	-12.89	54	33.44	31.59	9.33	33.25	100	265	A	H
	*	5630	101.74	-	-	93.84	31.6	9.58	33.28	100	265	P	H
	*	5630	94.82	-	-	86.92	31.6	9.58	33.28	100	265	A	H
		5744.875	50.06	-18.14	68.2	41.68	31.98	9.72	33.32	100	265	P	H
		5383.25	47.18	-26.82	74	39.85	31.33	9.25	33.25	383	53	P	V
		5461.3	45.61	-22.59	68.2	37.85	31.65	9.35	33.24	383	53	P	V
		5459.9	40.15	-13.85	54	32.4	31.64	9.35	33.24	383	53	A	V
	*	5630	97.95	-	-	90.05	31.6	9.58	33.28	383	53	P	V
	*	5630	91.39	-	-	83.49	31.6	9.58	33.28	383	53	A	V
		5748.55	48.32	-19.88	68.2	39.92	31.99	9.73	33.32	383	53	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)
		11260	47.84	-26.16	74	53.46	39.6	17.22	62.44	100	0	P	H
		16890	46.92	-21.28	68.2	45.15	39.84	20.9	58.97	100	0	P	H
802.11n													H
HT40													H
CH 126		11260	48.62	-25.38	74	54.24	39.6	17.22	62.44	100	0	P	V
5630MHz		16890	47.49	-20.71	68.2	45.72	39.84	20.9	58.97	100	0	P	V
													V
													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 HT40 LF		71.71	27.21	-12.79	40	43.65	12.38	0.85	29.67	-	-	P	H
		187.14	31.17	-12.33	43.5	44.37	14.91	1.42	29.53	-	-	P	H
		448.07	32.61	-13.39	46	36.05	23.28	2.38	29.1	-	-	P	H
		666.32	37.28	-8.72	46	36.67	26.41	2.88	28.68	-	-	P	H
		824.43	37.8	-8.2	46	34.59	28.21	3.43	28.43	100	0	P	H
		953.44	36.41	-9.59	46	30.1	30.74	3.7	28.13	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	29.33	-10.67	40	33.94	24.46	0.57	29.64	-	-	P	V
		111.48	31.51	-11.99	43.5	43.04	16.99	1.11	29.63	-	-	P	V
		173.56	31.85	-11.65	43.5	44.59	15.44	1.36	29.54	-	-	P	V
		663.41	37.81	-8.19	46	37.25	26.39	2.87	28.7	100	0	P	V
		824.43	37.66	-8.34	46	34.45	28.21	3.43	28.43	-	-	P	V
		940.83	36.64	-9.36	46	30.89	30.2	3.7	28.15	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<Sample 2>

<Dipole Antenna>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5143.78	47.65	-26.35	74	40.06	31.9	8.97	33.28	194	118	P	H
		5061.88	40.29	-13.71	54	32.91	31.75	8.91	33.28	194	118	A	H
	*	5180	96.64	-	-	89.2	31.72	8.99	33.27	194	118	P	H
	*	5180	88.76	-	-	81.32	31.72	8.99	33.27	194	118	A	H
													H
													H
		5149.76	50.59	-23.41	74	43	31.9	8.97	33.28	104	87	P	V
		5149.76	43.43	-10.57	54	35.84	31.9	8.97	33.28	104	87	A	V
	*	5180	106.97	-	-	99.53	31.72	8.99	33.27	104	87	P	V
	*	5180	98.96	-	-	91.52	31.72	8.99	33.27	104	87	A	V
													V
													V
802.11a CH 44 5220MHz		5055.9	47.87	-26.13	74	40.53	31.72	8.9	33.28	152	113	P	H
		5100.88	40.3	-13.7	54	32.74	31.9	8.94	33.28	152	113	A	H
	*	5220	96.13	-	-	88.88	31.48	9.04	33.27	152	113	P	H
	*	5220	88.07	-	-	80.82	31.48	9.04	33.27	152	113	A	H
		5417.72	46.46	-27.54	74	38.95	31.47	9.29	33.25	152	113	P	H
		5458.88	39.18	-14.82	54	31.43	31.64	9.35	33.24	152	113	A	H
		5105.3	50.26	-23.74	74	42.7	31.9	8.94	33.28	102	160	P	V
		5101.66	42.62	-11.38	54	35.06	31.9	8.94	33.28	102	160	A	V
	*	5220	107.7	-	-	100.45	31.48	9.04	33.27	102	160	P	V
	*	5220	99.8	-	-	92.55	31.48	9.04	33.27	102	160	A	V
		5383.56	47.92	-26.08	74	40.59	31.33	9.25	33.25	102	160	P	V
		5376.28	42.68	-11.32	54	35.38	31.31	9.24	33.25	102	160	A	V

802.11a CH 48 5240MHz		5051.74	48.01	-25.99	74	40.68	31.71	8.9	33.28	112	292	P	H
		5087.1	39.98	-14.02	54	32.48	31.85	8.93	33.28	112	292	A	H
	*	5240	97.27	-	-	90.12	31.36	9.06	33.27	112	292	P	H
	*	5240	89.99	-	-	82.84	31.36	9.06	33.27	112	292	A	H
		5356.4	46.94	-27.06	74	39.75	31.23	9.21	33.25	112	292	P	H
		5355	39.77	-14.23	54	32.59	31.22	9.21	33.25	112	292	A	H
		5126.88	49.1	-24.9	74	41.52	31.9	8.96	33.28	108	91	P	V
		5126.1	43.07	-10.93	54	35.5	31.9	8.95	33.28	108	91	A	V
	*	5240	106.6	-	-	99.45	31.36	9.06	33.27	108	91	P	V
	*	5240	99.21	-	-	92.06	31.36	9.06	33.27	108	91	A	V
		5361.16	48.23	-25.77	74	41.02	31.24	9.22	33.25	108	91	P	V
		5355.84	43.17	-10.83	54	35.99	31.22	9.21	33.25	108	91	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.64	-18.56	68.2	55.95	39.58	16.26	62.15	100	0	P	H
		15540	45.66	-28.34	74	48.81	37.92	19.57	60.64	100	0	P	H
													H
													H
		10360	53.9	-14.3	68.2	60.21	39.58	16.26	62.15	100	0	P	V
		15540	46.44	-27.56	74	49.59	37.92	19.57	60.64	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	50.93	-17.27	68.2	57.1	39.78	16.34	62.29	100	0	P	H
		15660	46.87	-27.13	74	50.14	37.56	19.61	60.44	100	0	P	H
													H
													H
		10440	54.71	-13.49	68.2	60.88	39.78	16.34	62.29	100	0	P	V
		15660	53.83	-20.17	74	57.1	37.56	19.61	60.44	100	268	P	V
													V
													V
802.11a CH 48 5240MHz		10480	51.05	-17.15	68.2	57.16	39.86	16.39	62.36	100	0	P	H
		15720	45.22	-28.78	74	48.41	37.54	19.62	60.35	100	0	P	H
													H
													H
		10480	53.72	-14.48	68.2	59.83	39.86	16.39	62.36	100	0	P	V
		15720	46.13	-27.87	74	49.32	37.54	19.62	60.35	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5066.3	47.74	-26.26	74	40.34	31.77	8.91	33.28	187	115	P	H
		5104.52	40.65	-13.35	54	33.09	31.9	8.94	33.28	187	115	A	H
	*	5180	94.14	-	-	86.7	31.72	8.99	33.27	187	115	P	H
	*	5180	86.52	-	-	79.08	31.72	8.99	33.27	187	115	A	H
802.11n													H
HT20													H
CH 36		5148.98	49.86	-24.14	74	42.27	31.9	8.97	33.28	100	91	P	V
5180MHz		5148.72	43.74	-10.26	54	36.15	31.9	8.97	33.28	100	91	A	V
	*	5180	105.07	-	-	97.63	31.72	8.99	33.27	100	91	P	V
	*	5180	97.92	-	-	90.48	31.72	8.99	33.27	100	91	A	V
													V
													V
		5146.12	47.64	-26.36	74	40.05	31.9	8.97	33.28	143	76	P	H
		5094.9	40.26	-13.74	54	32.73	31.88	8.93	33.28	143	76	A	H
	*	5220	94.34	-	-	87.09	31.48	9.04	33.27	143	76	P	H
	*	5220	86.96	-	-	79.71	31.48	9.04	33.27	143	76	A	H
802.11n		5454.12	46.27	-27.73	74	38.55	31.62	9.34	33.24	143	76	P	H
HT20		5457.48	39.21	-14.79	54	31.47	31.63	9.35	33.24	143	76	A	H
CH 44		5118.3	49.08	-24.92	74	41.51	31.9	8.95	33.28	100	162	P	V
5220MHz		5140.14	42.58	-11.42	54	34.99	31.9	8.97	33.28	100	162	A	V
	*	5220	106.21	-	-	98.96	31.48	9.04	33.27	100	162	P	V
	*	5220	98.91	-	-	91.66	31.48	9.04	33.27	100	162	A	V
		5358.36	47.39	-26.61	74	40.19	31.23	9.22	33.25	100	162	P	V
		5381.32	42.05	-11.95	54	34.72	31.33	9.25	33.25	100	162	A	V

		5121.94	47.7	-26.3	74	40.13	31.9	8.95	33.28	111	292	P	H
		5108.42	40.13	-13.87	54	32.57	31.9	8.94	33.28	111	292	A	H
	*	5240	96.37	-	-	89.22	31.36	9.06	33.27	111	292	P	H
	*	5240	89.05	-	-	81.9	31.36	9.06	33.27	111	292	A	H
802.11n		5420.52	46.7	-27.3	74	39.17	31.48	9.3	33.25	111	292	P	H
HT20		5362.84	39.53	-14.47	54	32.31	31.25	9.22	33.25	111	292	A	H
CH 48		5126.1	49.76	-24.24	74	42.19	31.9	8.95	33.28	100	90	P	V
5240MHz		5118.56	42.69	-11.31	54	35.12	31.9	8.95	33.28	100	90	A	V
	*	5240	105.98	-	-	98.83	31.36	9.06	33.27	100	90	P	V
	*	5240	98.29	-	-	91.14	31.36	9.06	33.27	100	90	A	V
		5354.72	49.23	-24.77	74	42.05	31.22	9.21	33.25	100	90	P	V
		5362.56	43.32	-10.68	54	36.1	31.25	9.22	33.25	100	90	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.11	-19.09	68.2	55.42	39.58	16.26	62.15	100	0	P	H
		15540	45.09	-28.91	74	48.24	37.92	19.57	60.64	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	51.49	-16.71	68.2	57.8	39.58	16.26	62.15	100	0	P	V
5180MHz		15540	46	-28	74	49.15	37.92	19.57	60.64	100	0	P	V
													V
													V
		10440	49.59	-18.61	68.2	55.76	39.78	16.34	62.29	100	0	P	H
		15660	47.02	-26.98	74	50.29	37.56	19.61	60.44	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	52.47	-15.73	68.2	58.64	39.78	16.34	62.29	100	0	P	V
5220MHz		15660	47.65	-26.35	74	50.92	37.56	19.61	60.44	100	0	P	V
													V
													V
		10480	50.41	-17.79	68.2	56.52	39.86	16.39	62.36	100	0	P	H
		15720	45.05	-28.95	74	48.24	37.54	19.62	60.35	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	53.21	-14.99	68.2	59.32	39.86	16.39	62.36	100	0	P	V
5240MHz		15720	45.03	-28.97	74	48.22	37.54	19.62	60.35	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5113.36	47.85	-26.15	74	40.28	31.9	8.95	33.28	100	295	P	H
		5091	41.16	-12.84	54	33.65	31.86	8.93	33.28	100	295	A	H
	*	5190	90.39	-	-	83	31.66	9	33.27	100	295	P	H
	*	5190	83.83	-	-	76.44	31.66	9	33.27	100	295	A	H
802.11n		5408.76	46.83	-27.17	74	39.36	31.44	9.28	33.25	100	295	P	H
HT40		5460	40.21	-13.79	54	32.46	31.64	9.35	33.24	100	295	A	H
CH 38		5148.72	55.79	-18.21	74	48.2	31.9	8.97	33.28	100	91	P	V
5190MHz		5150	49.14	-4.86	54	41.55	31.9	8.97	33.28	100	91	A	V
	*	5190	102.6	-	-	95.21	31.66	9	33.27	100	91	P	V
	*	5190	95.82	-	-	88.43	31.66	9	33.27	100	91	A	V
		5444.6	48.43	-25.57	74	40.77	31.58	9.33	33.25	100	91	P	V
		5354.72	42.16	-11.84	54	34.98	31.22	9.21	33.25	100	91	A	V
		5023.92	48.15	-25.85	74	41.02	31.54	8.88	33.29	115	293	P	H
		5117	40.99	-13.01	54	33.42	31.9	8.95	33.28	115	293	A	H
	*	5230	93.7	-	-	86.5	31.42	9.05	33.27	115	293	P	H
	*	5230	86.9	-	-	79.7	31.42	9.05	33.27	115	293	A	H
802.11n		5430.88	46.2	-27.8	74	38.62	31.52	9.31	33.25	115	293	P	H
HT40		5381.32	40.26	-13.74	54	32.93	31.33	9.25	33.25	115	293	A	H
CH 46		5111.8	50.65	-23.35	74	43.09	31.9	8.94	33.28	100	91	P	V
5230MHz		5150	43.97	-10.03	54	36.38	31.9	8.97	33.28	100	91	A	V
	*	5230	104.23	-	-	97.03	31.42	9.05	33.27	100	91	P	V
	*	5230	96.61	-	-	89.41	31.42	9.05	33.27	100	91	A	V
		5384.4	48.92	-25.08	74	41.58	31.34	9.25	33.25	100	91	P	V
		5352.2	43.11	-10.89	54	35.94	31.21	9.21	33.25	100	91	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	49.35	-18.85	68.2	55.61	39.64	16.28	62.18	100	0	P	H
		15570	46.21	-27.79	74	49.51	37.71	19.58	60.59	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	48.88	-19.32	68.2	55.14	39.64	16.28	62.18	100	0	P	V
5190MHz		15570	46.37	-27.63	74	49.67	37.71	19.58	60.59	100	0	P	V
													V
													V
		10460	49.36	-18.84	68.2	55.5	39.82	16.37	62.33	100	0	P	H
		15690	45.92	-28.08	74	49.12	37.59	19.61	60.4	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	49.1	-19.1	68.2	55.24	39.82	16.37	62.33	100	0	P	V
5230MHz		15690	46.37	-27.63	74	49.57	37.59	19.61	60.4	100	0	P	V
													V
													V

Remark

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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		5114.58	48.54	-25.46	74	40.97	31.9	8.95	33.28	111	292	P	H
		5109.14	40.19	-13.81	54	32.63	31.9	8.94	33.28	111	292	A	H
	*	5260	98.81	-	-	91.7	31.28	9.09	33.26	111	292	P	H
	*	5260	90.62	-	-	83.51	31.28	9.09	33.26	111	292	A	H
		5387.28	46.96	-27.04	74	39.61	31.35	9.25	33.25	111	292	P	H
		5382.24	39.7	-14.3	54	32.37	31.33	9.25	33.25	111	292	A	H
		5138.72	49.57	-24.43	74	41.99	31.9	8.96	33.28	100	91	P	V
		5141.1	43.32	-10.68	54	35.73	31.9	8.97	33.28	100	91	A	V
	*	5260	107.43	-	-	100.32	31.28	9.09	33.26	100	91	P	V
	*	5260	99.33	-	-	92.22	31.28	9.09	33.26	100	91	A	V
		5423.28	49.07	-24.93	74	41.53	31.49	9.3	33.25	100	91	P	V
		5375.04	43.31	-10.69	54	36.02	31.3	9.24	33.25	100	91	A	V
802.11a CH 60 5300MHz		5009.18	48.32	-25.68	74	41.28	31.46	8.87	33.29	121	293	P	H
		5108.12	40.13	-13.87	54	32.57	31.9	8.94	33.28	121	293	A	H
	*	5300	99.89	-	-	92.81	31.2	9.14	33.26	121	293	P	H
	*	5300	91.94	-	-	84.86	31.2	9.14	33.26	121	293	A	H
		5414.4	46.42	-27.58	74	38.92	31.46	9.29	33.25	121	293	P	H
		5426.88	39.77	-14.23	54	32.2	31.51	9.31	33.25	121	293	A	H
		5103.36	49.12	-24.88	74	41.56	31.9	8.94	33.28	100	92	P	V
		5144.84	41.71	-12.29	54	34.12	31.9	8.97	33.28	100	92	A	V
	*	5300	107.38	-	-	100.3	31.2	9.14	33.26	100	92	P	V
	*	5300	99.2	-	-	92.12	31.2	9.14	33.26	100	92	A	V
		5424.48	50.52	-23.48	74	42.97	31.5	9.3	33.25	100	92	P	V
		5420.88	43.19	-10.81	54	35.66	31.48	9.3	33.25	100	92	A	V

802.11a CH 64 5320MHz	*	5320	100.07	-	-	92.96	31.2	9.17	33.26	108	293	P	H
	*	5320	92.84	-	-	85.73	31.2	9.17	33.26	108	293	A	H
		5351.68	47	-27	74	39.83	31.21	9.21	33.25	108	293	P	H
		5350.56	40.01	-13.99	54	32.85	31.2	9.21	33.25	108	293	A	H
													H
													H
	*	5320	107.21	-	-	100.1	31.2	9.17	33.26	101	91	P	V
	*	5320	100.06	-	-	92.95	31.2	9.17	33.26	101	91	A	V
		5351.2	50.31	-23.69	74	43.15	31.2	9.21	33.25	101	91	P	V
		5350.08	44.19	-9.81	54	37.03	31.2	9.21	33.25	101	91	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	51.49	-16.71	68.2	57.6	39.86	16.44	62.41	100	0	P	H
		15780	46.11	-27.89	74	49.37	37.36	19.63	60.25	100	0	P	H
													H
													H
		10520	54.71	-13.49	68.2	60.82	39.86	16.44	62.41	100	0	P	V
		15780	48.43	-25.57	74	51.69	37.36	19.63	60.25	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	56.92	-17.08	74	63.14	39.7	16.52	62.44	129	284	P	H
		10600	46.93	-7.07	54	53.15	39.7	16.52	62.44	129	284	A	H
		15900	45.04	-28.96	74	48.23	37.2	19.67	60.06	100	0	P	H
													H
		10600	55.85	-18.15	74	62.07	39.7	16.52	62.44	369	347	P	V
		10600	45.85	-8.15	54	52.07	39.7	16.52	62.44	369	347	A	V
		15900	45.69	-28.31	74	48.88	37.2	19.67	60.06	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	58.49	-15.51	74	64.6	39.78	16.57	62.46	121	259	P	H
		10640	49.24	-4.76	54	55.35	39.78	16.57	62.46	121	259	A	H
		15960	46.4	-27.6	74	49.3	37.38	19.68	59.96	100	0	P	H
													H
		10640	57.44	-16.56	74	63.55	39.78	16.57	62.46	356	87	P	V
		10640	47.18	-6.82	54	53.29	39.78	16.57	62.46	356	87	A	V
		15960	47.8	-26.2	74	50.7	37.38	19.68	59.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5066.98	48.61	-25.39	74	41.21	31.77	8.91	33.28	110	292	P	H
		5093.5	40.11	-13.89	54	32.59	31.87	8.93	33.28	110	292	A	H
	*	5260	97.35	-	-	90.24	31.28	9.09	33.26	110	292	P	H
	*	5260	89.3	-	-	82.19	31.28	9.09	33.26	110	292	A	H
802.11n		5422.8	46.4	-27.6	74	38.86	31.49	9.3	33.25	110	292	P	H
HT20		5376	39.66	-14.34	54	32.37	31.3	9.24	33.25	110	292	A	H
CH 52		5136	50.1	-23.9	74	42.52	31.9	8.96	33.28	100	91	P	V
5260MHz		5142.8	42.93	-11.07	54	35.34	31.9	8.97	33.28	100	91	A	V
	*	5260	106.13	-	-	99.02	31.28	9.09	33.26	100	91	P	V
	*	5260	97.92	-	-	90.81	31.28	9.09	33.26	100	91	A	V
		5424.48	49.82	-24.18	74	42.27	31.5	9.3	33.25	100	91	P	V
		5375.76	42.69	-11.31	54	35.4	31.3	9.24	33.25	100	91	A	V
		5120.36	48.77	-25.23	74	41.2	31.9	8.95	33.28	120	293	P	H
		5091.46	40.1	-13.9	54	32.58	31.87	8.93	33.28	120	293	A	H
	*	5300	97.72	-	-	90.64	31.2	9.14	33.26	120	293	P	H
	*	5300	90.46	-	-	83.38	31.2	9.14	33.26	120	293	A	H
802.11n		5407.92	47.97	-26.03	74	40.51	31.43	9.28	33.25	120	293	P	H
HT20		5459.04	39.56	-14.44	54	31.81	31.64	9.35	33.24	120	293	A	H
CH 60		5113.56	48.96	-25.04	74	41.39	31.9	8.95	33.28	100	92	P	V
5300MHz		5144.16	41.55	-12.45	54	33.96	31.9	8.97	33.28	100	92	A	V
	*	5300	105.41	-	-	98.33	31.2	9.14	33.26	100	92	P	V
	*	5300	97.75	-	-	90.67	31.2	9.14	33.26	100	92	A	V
		5416.08	49.44	-24.56	74	41.94	31.46	9.29	33.25	100	92	P	V
		5423.04	42.28	-11.72	54	34.74	31.49	9.3	33.25	100	92	A	V

	*	5320	97.79	-	-	90.68	31.2	9.17	33.26	131	295	P	H
	*	5320	90.61	-	-	83.5	31.2	9.17	33.26	131	295	A	H
		5408	47.36	-26.64	74	39.9	31.43	9.28	33.25	131	295	P	H
		5350.08	39.85	-14.15	54	32.69	31.2	9.21	33.25	131	295	A	H
802.11n													H
HT20													H
CH 64	*	5320	105.87	-	-	98.76	31.2	9.17	33.26	100	92	P	V
5320MHz	*	5320	98.53	-	-	91.42	31.2	9.17	33.26	100	92	A	V
		5372.32	49.01	-24.99	74	41.74	31.29	9.23	33.25	100	92	P	V
		5350.08	43.31	-10.69	54	36.15	31.2	9.21	33.25	100	92	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	51.1	-17.1	68.2	57.21	39.86	16.44	62.41	100	0	P	H
		15780	45.11	-28.89	74	48.37	37.36	19.63	60.25	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	52.83	-15.37	68.2	58.94	39.86	16.44	62.41	100	0	P	V
5260MHz		15780	45.58	-28.42	74	48.84	37.36	19.63	60.25	100	0	P	V
													V
													V
		10600	55.91	-18.09	74	62.13	39.7	16.52	62.44	127	284	P	H
		10600	45.6	-8.4	54	51.82	39.7	16.52	62.44	127	284	A	H
802.11n		15900	45.74	-28.26	74	48.93	37.2	19.67	60.06	100	0	P	H
HT20													H
CH 60		10600	54.2	-19.8	74	60.42	39.7	16.52	62.44	349	349	P	V
5300MHz		10600	44.53	-9.47	54	50.75	39.7	16.52	62.44	349	349	A	V
		15900	45.29	-28.71	74	48.48	37.2	19.67	60.06	100	0	P	V
													V
		10640	58.43	-15.57	74	64.54	39.78	16.57	62.46	127	238	P	H
		10640	47.39	-6.61	54	53.5	39.78	16.57	62.46	127	238	A	H
802.11n		15960	45.15	-28.85	74	48.05	37.38	19.68	59.96	100	0	P	H
HT20													H
CH 64		10640	56.44	-17.56	74	62.55	39.78	16.57	62.46	251	359	P	V
5320MHz		10640	46.06	-7.94	54	52.17	39.78	16.57	62.46	251	359	A	V
		15960	45.07	-28.93	74	47.97	37.38	19.68	59.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5040.8	48.18	-25.82	74	40.94	31.64	8.89	33.29	104	298	P	H
		5107.1	40.89	-13.11	54	33.33	31.9	8.94	33.28	104	298	A	H
	*	5270	93.99	-	-	86.89	31.26	9.1	33.26	104	298	P	H
	*	5270	87.89	-	-	80.79	31.26	9.1	33.26	104	298	A	H
802.11n		5454	47.49	-26.51	74	39.77	31.62	9.34	33.24	104	298	P	H
HT40		5376.48	40.31	-13.69	54	33.01	31.31	9.24	33.25	104	298	A	H
CH 54		5146.2	48.88	-25.12	74	41.29	31.9	8.97	33.28	105	148	P	V
5270MHz		5145.18	43.01	-10.99	54	35.42	31.9	8.97	33.28	105	148	A	V
	*	5270	103.16	-	-	96.06	31.26	9.1	33.26	105	148	P	V
	*	5270	96.84	-	-	89.74	31.26	9.1	33.26	105	148	A	V
		5350.32	48.14	-25.86	74	40.98	31.2	9.21	33.25	105	148	P	V
		5350.08	43.21	-10.79	54	36.05	31.2	9.21	33.25	105	148	A	V
		5027.54	47.39	-26.61	74	40.23	31.57	8.88	33.29	116	293	P	H
		5124.78	40.89	-13.11	54	33.32	31.9	8.95	33.28	116	293	A	H
	*	5310	95.87	-	-	88.78	31.2	9.15	33.26	116	293	P	H
	*	5310	89.4	-	-	82.31	31.2	9.15	33.26	116	293	A	H
802.11n		5354.16	46.64	-27.36	74	39.46	31.22	9.21	33.25	116	293	P	H
HT40		5351.76	42.33	-11.67	54	35.16	31.21	9.21	33.25	116	293	A	H
CH 62		5052.36	49.37	-24.63	74	42.04	31.71	8.9	33.28	100	117	P	V
5310MHz		5149.6	42.07	-11.93	54	34.48	31.9	8.97	33.28	100	117	A	V
	*	5310	103.38	-	-	96.29	31.2	9.15	33.26	100	117	P	V
	*	5310	96.59	-	-	89.5	31.2	9.15	33.26	100	117	A	V
		5353.44	51.56	-22.44	74	44.39	31.21	9.21	33.25	100	117	P	V
		5350.56	46.92	-7.08	54	39.76	31.2	9.21	33.25	100	117	A	V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	50.03	-18.17	68.2	56.17	39.82	16.46	62.42	100	0	P	H
		15810	45.01	-28.99	74	48.28	37.29	19.64	60.2	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	51.98	-16.22	68.2	58.12	39.82	16.46	62.42	100	0	P	V
5270MHz		15810	46.12	-27.88	74	49.39	37.29	19.64	60.2	100	0	P	V
													V
													V
		10620	52.4	-21.6	74	58.57	39.74	16.54	62.45	122	266	P	H
		10620	44.93	-9.07	54	51.1	39.74	16.54	62.45	122	266	A	H
802.11n		15930	44.55	-29.45	74	47.6	37.29	19.67	60.01	100	0	P	H
HT40													H
CH 62		10620	51.2	-22.8	74	57.37	39.74	16.54	62.45	268	0	P	V
5310MHz		10620	45.15	-8.85	54	51.32	39.74	16.54	62.45	268	0	A	V
		15930	45.63	-28.37	74	48.68	37.29	19.67	60.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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		5381.68	45.79	-28.21	74	38.46	31.33	9.25	33.25	172	116	P	H
		5469.52	47.62	-20.58	68.2	39.82	31.68	9.36	33.24	172	116	P	H
		5459.28	38.99	-15.01	54	31.24	31.64	9.35	33.24	172	116	A	H
	*	5500	95.7	-	-	87.73	31.8	9.41	33.24	172	116	P	H
	*	5500	87.38	-	-	79.41	31.8	9.41	33.24	172	116	A	H
													H
		5456.88	48.71	-25.29	74	40.97	31.63	9.35	33.24	257	87	P	V
		5469.36	54.02	-14.18	68.2	46.22	31.68	9.36	33.24	257	87	P	V
		5459.92	41.85	-12.15	54	34.1	31.64	9.35	33.24	257	87	A	V
	*	5500	106.39	-	-	98.42	31.8	9.41	33.24	257	87	P	V
	*	5500	98.62	-	-	90.65	31.8	9.41	33.24	257	87	A	V
													V
802.11a CH 116 5580MHz		5412.4	46.39	-27.61	74	38.9	31.45	9.29	33.25	168	115	P	H
		5469.76	44.31	-23.89	68.2	36.51	31.68	9.36	33.24	168	115	P	H
		5457.52	39.03	-14.97	54	31.29	31.63	9.35	33.24	168	115	A	H
	*	5580	95.28	-	-	87.4	31.64	9.51	33.27	168	115	P	H
	*	5580	88	-	-	80.12	31.64	9.51	33.27	168	115	A	H
		5754.92	47.33	-20.87	68.2	38.92	32.01	9.73	33.33	168	115	P	H
		5380	46.95	-27.05	74	39.64	31.32	9.24	33.25	102	145	P	V
		5460.64	46.47	-21.73	68.2	38.72	31.64	9.35	33.24	102	145	P	V
		5457.76	41.67	-12.33	54	33.93	31.63	9.35	33.24	102	145	A	V
	*	5580	105.52	-	-	97.64	31.64	9.51	33.27	102	145	P	V
	*	5580	98.2	-	-	90.32	31.64	9.51	33.27	102	145	A	V
		5753.345	48.22	-19.98	68.2	39.81	32.01	9.73	33.33	102	145	P	V

802.11a CH 140 5700MHz	*	5700	96.18	-	-	88.03	31.8	9.66	33.31	184	112	P	H
	*	5700	88.61	-	-	80.46	31.8	9.66	33.31	184	112	A	H
		5735.72	46.98	-21.22	68.2	38.65	31.94	9.71	33.32	184	112	P	H
													H
													H
													H
	*	5700	105.8	-	-	97.65	31.8	9.66	33.31	106	144	P	V
	*	5700	98.47	-	-	90.32	31.8	9.66	33.31	106	144	A	V
		5726.52	52.17	-16.03	68.2	43.88	31.91	9.7	33.32	106	144	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	53.12	-20.88	74	58.46	40.3	16.96	62.6	116	304	P	H
		11000	44	-10	54	49.34	40.3	16.96	62.6	116	304	A	H
		16500	46.72	-21.48	68.2	46.25	39.3	20.37	59.2	100	0	P	H
													H
		11000	55.85	-18.15	74	61.19	40.3	16.96	62.6	300	73	P	V
		11000	44.55	-9.45	54	49.89	40.3	16.96	62.6	300	73	A	V
		16500	46.39	-21.81	68.2	45.92	39.3	20.37	59.2	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	55.05	-18.95	74	60.71	39.72	17.12	62.5	131	262	P	H
		11160	47.53	-6.47	54	53.19	39.72	17.12	62.5	131	262	A	H
		16740	47.16	-21.04	68.2	45.45	40.08	20.69	59.06	100	0	P	H
													H
		11160	54.2	-19.8	74	59.86	39.72	17.12	62.5	251	267	P	V
		11160	46.68	-7.32	54	52.34	39.72	17.12	62.5	251	267	A	V
		16740	47.93	-20.27	68.2	46.22	40.08	20.69	59.06	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	54.52	-19.48	74	59.71	39.8	17.37	62.36	100	283	P	H
		11400	44.42	-9.58	54	49.61	39.8	17.37	62.36	100	283	A	H
		17100	48.12	-20.08	68.2	45.55	40.1	21.19	58.72	100	0	P	H
													H
		11400	56.26	-17.74	74	61.45	39.8	17.37	62.36	282	297	P	V
		11400	46.34	-7.66	54	51.53	39.8	17.37	62.36	282	297	A	V
		17100	48.16	-20.04	68.2	45.59	40.1	21.19	58.72	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5417.2	46.85	-27.15	74	39.34	31.47	9.29	33.25	160	115	P	H
		5460.72	45.36	-22.84	68.2	37.61	31.64	9.35	33.24	160	115	P	H
		5458.96	39.44	-14.56	54	31.69	31.64	9.35	33.24	160	115	A	H
	*	5500	95.4	-	-	87.43	31.8	9.41	33.24	160	115	P	H
802.11n	*	5500	87.23	-	-	79.26	31.8	9.41	33.24	160	115	A	H
HT20													H
CH 100		5458.8	48.53	-25.47	74	40.78	31.64	9.35	33.24	256	97	P	V
5500MHz		5469.52	49.03	-19.17	68.2	41.23	31.68	9.36	33.24	256	97	P	V
		5459.76	41.91	-12.09	54	34.16	31.64	9.35	33.24	256	97	A	V
	*	5500	105.34	-	-	97.37	31.8	9.41	33.24	256	97	P	V
	*	5500	97.97	-	-	90	31.8	9.41	33.24	256	97	A	V
													V
		5393.44	45.93	-28.07	74	38.55	31.37	9.26	33.25	167	118	P	H
		5466.16	45.19	-23.01	68.2	37.41	31.66	9.36	33.24	167	118	P	H
		5456.08	39.24	-14.76	54	31.51	31.62	9.35	33.24	167	118	A	H
	*	5580	95.74	-	-	87.86	31.64	9.51	33.27	167	118	P	H
802.11n	*	5580	87.46	-	-	79.58	31.64	9.51	33.27	167	118	A	H
HT20		5762.795	46.6	-21.6	68.2	38.16	32.03	9.74	33.33	167	118	P	H
CH 116		5419.6	47.47	-26.53	74	39.94	31.48	9.3	33.25	253	77	P	V
5580MHz		5466.64	46.56	-21.64	68.2	38.77	31.67	9.36	33.24	253	77	P	V
		5458.72	42.16	-11.84	54	34.42	31.63	9.35	33.24	253	77	A	V
	*	5580	106.79	-	-	98.91	31.64	9.51	33.27	253	77	P	V
	*	5580	98.69	-	-	90.81	31.64	9.51	33.27	253	77	A	V
		5733.815	49.25	-18.95	68.2	40.92	31.94	9.71	33.32	253	77	P	V

	*	5700	97.04	-	-	88.89	31.8	9.66	33.31	130	293	P	H
	*	5700	89.47	-	-	81.32	31.8	9.66	33.31	130	293	A	H
		5728.92	48.78	-19.42	68.2	40.48	31.92	9.7	33.32	130	293	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	106.49	-	-	98.34	31.8	9.66	33.31	242	98	P	V
5700MHz	*	5700	98.73	-	-	90.58	31.8	9.66	33.31	242	98	A	V
		5726.6	54.98	-13.22	68.2	46.69	31.91	9.7	33.32	242	98	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.73	-24.27	74	55.07	40.3	16.96	62.6	100	0	P	H
		16500	47.58	-20.62	68.2	47.11	39.3	20.37	59.2	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	50.45	-23.55	74	55.79	40.3	16.96	62.6	244	272	P	V
5500MHz		11000	44.23	-9.77	54	49.57	40.3	16.96	62.6	244	272	A	V
		16500	47.02	-21.18	68.2	46.55	39.3	20.37	59.2	100	0	P	V
													V
		11160	55.47	-18.53	74	61.13	39.72	17.12	62.5	127	261	P	H
		11160	46.87	-7.13	54	52.53	39.72	17.12	62.5	127	261	A	H
802.11n		16740	47.65	-20.55	68.2	45.94	40.08	20.69	59.06	100	0	P	H
HT20													H
CH 116		11160	54.46	-19.54	74	60.12	39.72	17.12	62.5	301	148	P	V
5580MHz		11160	45.52	-8.48	54	51.18	39.72	17.12	62.5	301	148	A	V
		16740	47.87	-20.33	68.2	46.16	40.08	20.69	59.06	100	0	P	V
													V
		11400	48.51	-25.49	74	53.7	39.8	17.37	62.36	100	0	P	H
		17100	48.26	-19.94	68.2	45.69	40.1	21.19	58.72	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	49.61	-24.39	74	54.8	39.8	17.37	62.36	100	0	P	V
5700MHz		17100	48.77	-19.43	68.2	46.2	40.1	21.19	58.72	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5395.36	47.89	-26.11	74	40.5	31.38	9.26	33.25	184	113	P	H
		5468.32	45.67	-22.53	68.2	37.88	31.67	9.36	33.24	184	113	P	H
		5458	40.53	-13.47	54	32.79	31.63	9.35	33.24	184	113	A	H
	*	5510	90.73	-	-	82.77	31.78	9.42	33.24	184	113	P	H
802.11n	*	5510	84.14	-	-	76.18	31.78	9.42	33.24	184	113	A	H
HT40		5741.06	46.69	-21.51	68.2	38.33	31.96	9.72	33.32	184	113	P	H
CH 102		5454.16	48.73	-25.27	74	41.01	31.62	9.34	33.24	242	86	P	V
5510MHz		5466.64	54.66	-13.54	68.2	46.87	31.67	9.36	33.24	242	86	P	V
		5459.92	43.97	-10.03	54	36.22	31.64	9.35	33.24	242	86	A	V
	*	5510	102.38	-	-	94.42	31.78	9.42	33.24	242	86	P	V
	*	5510	95.33	-	-	87.37	31.78	9.42	33.24	242	86	A	V
		5764.37	49.48	-18.72	68.2	41.03	32.03	9.75	33.33	242	86	P	V
		5371.6	47.01	-26.99	74	39.74	31.29	9.23	33.25	100	48	P	H
		5462.56	47.32	-20.88	68.2	39.56	31.65	9.35	33.24	100	48	P	H
		5455.36	40.64	-13.36	54	32.92	31.62	9.34	33.24	100	48	A	H
	*	5550	93.85	-	-	85.94	31.7	9.47	33.26	100	48	P	H
802.11n	*	5550	87.14	-	-	79.23	31.7	9.47	33.26	100	48	A	H
HT40		5731.295	47.18	-21.02	68.2	38.87	31.93	9.7	33.32	100	48	P	H
CH 110		5427.52	48.24	-25.76	74	40.67	31.51	9.31	33.25	253	44	P	V
5550MHz		5464.24	46.8	-21.4	68.2	39.02	31.66	9.36	33.24	253	44	P	V
		5434.24	41.82	-12.18	54	34.21	31.54	9.32	33.25	253	44	A	V
	*	5550	101.69	-	-	93.78	31.7	9.47	33.26	253	44	P	V
	*	5550	95.59	-	-	87.68	31.7	9.47	33.26	253	44	A	V
		5726.57	49.27	-18.93	68.2	40.98	31.91	9.7	33.32	253	44	P	V

		5350	46.19	-27.81	74	39.05	31.2	9.2	33.26	115	291	P	H
		5463.75	45.52	-22.68	68.2	37.74	31.66	9.36	33.24	115	291	P	H
		5459.2	40.21	-13.79	54	32.46	31.64	9.35	33.24	115	291	A	H
	*	5670	92.35	-	-	84.34	31.68	9.63	33.3	115	291	P	H
802.11n	*	5670	86.15	-	-	78.14	31.68	9.63	33.3	115	291	A	H
HT40		5730.175	47.7	-20.5	68.2	39.4	31.92	9.7	33.32	115	291	P	H
CH 134		5378.7	47.78	-26.22	74	40.48	31.31	9.24	33.25	234	96	P	V
5670MHz		5463.05	47.65	-20.55	68.2	39.88	31.65	9.36	33.24	234	96	P	V
		5451.15	40.76	-13.24	54	33.06	31.6	9.34	33.24	234	96	A	V
	*	5670	102.26	-	-	94.25	31.68	9.63	33.3	234	96	P	V
	*	5670	96	-	-	87.99	31.68	9.63	33.3	234	96	A	V
		5725.8	50.35	-17.85	68.2	42.07	31.9	9.7	33.32	234	96	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	51.7	-22.3	74	57.09	40.22	16.98	62.59	110	305	P	H
		11020	44.28	-9.72	54	49.67	40.22	16.98	62.59	110	305	A	H
802.11n		16530	46.33	-21.87	68.2	45.86	39.24	20.41	59.18	100	0	P	H
HT40													H
CH 102		11020	51.74	-22.26	74	57.13	40.22	16.98	62.59	318	47	P	V
5510MHz		11020	43.63	-10.37	54	49.02	40.22	16.98	62.59	318	47	A	V
		16530	47.48	-20.72	68.2	47.01	39.24	20.41	59.18	100	0	P	V
													V
		11100	50.8	-23.2	74	56.38	39.9	17.06	62.54	116	265	P	H
		11100	45.65	-8.35	54	51.23	39.9	17.06	62.54	116	265	A	H
802.11n		16650	47.33	-20.87	68.2	46.32	39.55	20.57	59.11	100	0	P	H
HT40													H
CH 110		11100	49.52	-24.48	74	55.1	39.9	17.06	62.54	100	0	P	V
5550MHz		16650	46.74	-21.46	68.2	45.73	39.55	20.57	59.11	100	0	P	V
													V
													V
		11340	48.32	-25.68	74	53.74	39.68	17.3	62.4	100	0	P	H
		17010	48.27	-19.93	68.2	45.9	40.19	21.06	58.88	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	49.97	-24.03	74	55.39	39.68	17.3	62.4	100	0	P	V
5670MHz		17010	47.87	-20.33	68.2	45.5	40.19	21.06	58.88	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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 124 5620MHz		5446.25	45.91	-28.09	74	38.24	31.59	9.33	33.25	187	114	P	H
		5460.6	46.48	-21.72	68.2	38.73	31.64	9.35	33.24	187	114	P	H
		5452.55	39.09	-14.91	54	31.38	31.61	9.34	33.24	187	114	A	H
	*	5620	94.7	-	-	86.82	31.6	9.56	33.28	187	114	P	H
	*	5620	87.1	-	-	79.22	31.6	9.56	33.28	187	114	A	H
		5733.15	47.91	-20.29	68.2	39.59	31.93	9.71	33.32	187	114	P	H
		5365.05	47.45	-26.55	74	40.22	31.26	9.22	33.25	235	97	P	V
		5469.7	46.36	-21.84	68.2	38.56	31.68	9.36	33.24	235	97	P	V
		5455	40.38	-13.62	54	32.66	31.62	9.34	33.24	235	97	A	V
	*	5620	105.97	-	-	98.09	31.6	9.56	33.28	235	97	P	V
	*	5620	98.81	-	-	90.93	31.6	9.56	33.28	235	97	A	V
		5735.075	49.77	-18.43	68.2	41.44	31.94	9.71	33.32	235	97	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 124 5620MHz		11240	49.61	-24.39	74	55.27	39.6	17.2	62.46	100	0	P	H
		16860	47.84	-20.36	68.2	46	39.96	20.86	58.98	100	0	P	H
													H
													H
		11240	53.58	-20.42	74	59.24	39.6	17.2	62.46	279	297	P	V
		11240	45.45	-8.55	54	51.11	39.6	17.2	62.46	279	297	A	V
		16860	47.19	-21.01	68.2	45.35	39.96	20.86	58.98	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 124 5620MHz		5394.45	47.08	-26.92	74	39.69	31.38	9.26	33.25	152	120	P	H
		5469.35	45.41	-22.79	68.2	37.61	31.68	9.36	33.24	152	120	P	H
		5458.85	39.39	-14.61	54	31.64	31.64	9.35	33.24	152	120	A	H
	*	5620	96.26	-	-	88.38	31.6	9.56	33.28	152	120	P	H
	*	5620	88.93	-	-	81.05	31.6	9.56	33.28	152	120	A	H
		5764.65	46.62	-21.58	68.2	38.17	32.03	9.75	33.33	152	120	P	H
		5359.45	47.77	-26.23	74	40.56	31.24	9.22	33.25	259	79	P	V
		5464.1	46.19	-22.01	68.2	38.41	31.66	9.36	33.24	259	79	P	V
		5459.55	40.39	-13.61	54	32.64	31.64	9.35	33.24	259	79	A	V
	*	5620	106.94	-	-	99.06	31.6	9.56	33.28	259	79	P	V
	*	5620	99.41	-	-	91.53	31.6	9.56	33.28	259	79	A	V
		5737.525	50.43	-17.77	68.2	42.09	31.95	9.71	33.32	259	79	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)
		11240	49.07	-24.93	74	54.73	39.6	17.2	62.46	100	0	P	H
		16860	47.4	-20.8	68.2	45.56	39.96	20.86	58.98	100	0	P	H
802.11n													H
HT20													H
CH 124		11240	49.55	-24.45	74	55.21	39.6	17.2	62.46	100	0	P	V
5620MHz		16860	47.71	-20.49	68.2	45.87	39.96	20.86	58.98	100	0	P	V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 126 5630MHz		5357.35	47.68	-26.32	74	40.49	31.23	9.21	33.25	168	121	P	H
		5464.8	46.92	-21.28	68.2	39.14	31.66	9.36	33.24	168	121	P	H
		5458.85	40.38	-13.62	54	32.63	31.64	9.35	33.24	168	121	A	H
	*	5630	93.68	-	-	85.78	31.6	9.58	33.28	168	121	P	H
	*	5630	85.39	-	-	77.49	31.6	9.58	33.28	168	121	A	H
		5732.975	47.08	-21.12	68.2	38.76	31.93	9.71	33.32	168	121	P	H
		5351.4	47.63	-26.37	74	40.46	31.21	9.21	33.25	239	98	P	V
		5470	45.33	-22.87	68.2	37.53	31.68	9.36	33.24	239	98	P	V
		5451.85	40.89	-13.11	54	33.18	31.61	9.34	33.24	239	98	A	V
	*	5630	103.69	-	-	95.79	31.6	9.58	33.28	239	98	P	V
	*	5630	96.78	-	-	88.88	31.6	9.58	33.28	239	98	A	V
		5738.75	51.09	-17.11	68.2	42.75	31.95	9.71	33.32	239	98	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)
		11260	53.91	-20.09	74	59.53	39.6	17.22	62.44	122	260	P	H
		11260	46.11	-7.89	54	51.73	39.6	17.22	62.44	122	260	A	H
802.11n		16890	47.85	-20.35	68.2	46.08	39.84	20.9	58.97	100	0	P	H
HT40													H
CH 126		11260	49.21	-24.79	74	54.83	39.6	17.22	62.44	100	0	P	V
5630MHz		16890	48.12	-20.08	68.2	46.35	39.84	20.9	58.97	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		62.01	37.64	-2.36	40	54.74	11.82	0.74	29.66	367	5	Q	H
		156.1	31.81	-11.69	43.5	43.27	16.82	1.28	29.56	-	-	P	H
		464.56	33.03	-12.97	46	36.13	23.55	2.42	29.07	-	-	P	H
		664.38	36.31	-9.69	46	35.73	26.4	2.87	28.69	-	-	P	H
		733.25	38.67	-7.33	46	36.2	27.93	3.13	28.59	-	-	P	H
		885.54	39.85	-6.15	46	35.39	28.99	3.72	28.25	-	-	P	H
													H
													H
													H
													H
802.11a													H
LF		62.01	35.88	-4.12	40	52.98	11.82	0.74	29.66	100	78	Q	V
		167.74	25.93	-17.57	43.5	38.28	15.87	1.33	29.55	-	-	P	V
		451.95	33.8	-12.2	46	37.2	23.31	2.39	29.1	-	-	P	V
		665.35	35.89	-10.11	46	35.3	26.4	2.88	28.69	-	-	P	V
		741.98	39.36	-6.64	46	36.54	28.23	3.19	28.6	-	-	P	V
		996.12	41.54	-12.46	54	35.31	30.32	3.94	28.03	-	-	P	V
													V
													V
													V
													V
													V

Remark

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

<PIFA Antenna>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5105.04	49.54	-24.46	74	41.98	31.9	8.94	33.28	284	345	P	H
		5150	42.2	-11.8	54	34.61	31.9	8.97	33.28	284	345	A	H
	*	5180	105.01	-	-	97.57	31.72	8.99	33.27	284	345	P	H
	*	5180	97.12	-	-	89.68	31.72	8.99	33.27	284	345	A	H
													H
													H
		5106.6	48.63	-25.37	74	41.07	31.9	8.94	33.28	103	271	P	V
		5149.5	41.31	-12.69	54	33.72	31.9	8.97	33.28	103	271	A	V
	*	5180	103.2	-	-	95.76	31.72	8.99	33.27	103	271	P	V
	*	5180	94.75	-	-	87.31	31.72	8.99	33.27	103	271	A	V
													V
													V
802.11a CH 44 5220MHz		5107.12	48.58	-25.42	74	41.02	31.9	8.94	33.28	239	346	P	H
		5102.7	41.7	-12.3	54	34.14	31.9	8.94	33.28	239	346	A	H
	*	5220	105.88	-	-	98.63	31.48	9.04	33.27	239	346	P	H
	*	5220	97.46	-	-	90.21	31.48	9.04	33.27	239	346	A	H
		5373.48	48.15	-25.85	74	40.87	31.29	9.24	33.25	239	346	P	H
		5379.36	41.14	-12.86	54	33.83	31.32	9.24	33.25	239	346	A	H
		5080.6	48.75	-25.25	74	41.29	31.82	8.92	33.28	103	272	P	V
		5147.42	40.99	-13.01	54	33.4	31.9	8.97	33.28	103	272	A	V
	*	5220	104.18	-	-	96.93	31.48	9.04	33.27	103	272	P	V
	*	5220	96.07	-	-	88.82	31.48	9.04	33.27	103	272	A	V
		5431.44	47.14	-26.86	74	39.55	31.53	9.31	33.25	103	272	P	V
		5377.4	40.45	-13.55	54	33.15	31.31	9.24	33.25	103	272	A	V

802.11a CH 48 5240MHz		5120.9	48.6	-25.4	74	41.03	31.9	8.95	33.28	276	358	P	H
		5117.78	41.55	-12.45	54	33.98	31.9	8.95	33.28	276	358	A	H
	*	5240	104.57	-	-	97.42	31.36	9.06	33.27	276	358	P	H
	*	5240	96.71	-	-	89.56	31.36	9.06	33.27	276	358	A	H
		5446.56	48.76	-25.24	74	41.09	31.59	9.33	33.25	276	358	P	H
		5364.52	41.89	-12.11	54	34.66	31.26	9.22	33.25	276	358	A	H
		5123.24	48.1	-25.9	74	40.53	31.9	8.95	33.28	101	271	P	V
		5124.28	41.16	-12.84	54	33.59	31.9	8.95	33.28	101	271	A	V
	*	5240	103.06	-	-	95.91	31.36	9.06	33.27	101	271	P	V
	*	5240	95.44	-	-	88.29	31.36	9.06	33.27	101	271	A	V
		5366.76	46.94	-27.06	74	39.69	31.27	9.23	33.25	101	271	P	V
		5354.16	40.79	-13.21	54	33.61	31.22	9.21	33.25	101	271	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	50.52	-17.68	68.2	56.83	39.58	16.26	62.15	100	0	P	H
		15540	46.24	-27.76	74	49.39	37.92	19.57	60.64	100	0	P	H
													H
													H
		10360	53.7	-14.5	68.2	60.01	39.58	16.26	62.15	100	0	P	V
		15540	47.29	-26.71	74	50.44	37.92	19.57	60.64	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	50.42	-17.78	68.2	56.59	39.78	16.34	62.29	100	0	P	H
		15660	47.78	-26.22	74	51.05	37.56	19.61	60.44	100	0	P	H
													H
													H
		10440	55.03	-13.17	68.2	61.2	39.78	16.34	62.29	100	0	P	V
		15660	47.12	-26.88	74	50.39	37.56	19.61	60.44	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	52.03	-16.17	68.2	58.14	39.86	16.39	62.36	100	0	P	H
		15720	46.03	-27.97	74	49.22	37.54	19.62	60.35	100	0	P	H
													H
													H
		10480	53.85	-14.35	68.2	59.96	39.86	16.39	62.36	100	0	P	V
		15720	46.66	-27.34	74	49.85	37.54	19.62	60.35	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5059.8	49.17	-24.83	74	41.81	31.74	8.9	33.28	199	357	P	H
		5147.68	41.82	-12.18	54	34.23	31.9	8.97	33.28	199	357	A	H
	*	5180	102.58	-	-	95.14	31.72	8.99	33.27	199	357	P	H
	*	5180	95.13	-	-	87.69	31.72	8.99	33.27	199	357	A	H
802.11n													H
HT20													H
CH 36		5140.14	49.89	-24.11	74	42.3	31.9	8.97	33.28	102	272	P	V
5180MHz		5146.38	41.35	-12.65	54	33.76	31.9	8.97	33.28	102	272	A	V
	*	5180	100.97	-	-	93.53	31.72	8.99	33.27	102	272	P	V
	*	5180	93.4	-	-	85.96	31.72	8.99	33.27	102	272	A	V
													V
													V
		5117	48.28	-25.72	74	40.71	31.9	8.95	33.28	148	343	P	H
		5102.96	41.57	-12.43	54	34.01	31.9	8.94	33.28	148	343	A	H
	*	5220	104.53	-	-	97.28	31.48	9.04	33.27	148	343	P	H
	*	5220	96.32	-	-	89.07	31.48	9.04	33.27	148	343	A	H
802.11n		5353.88	46.74	-27.26	74	39.56	31.22	9.21	33.25	148	343	P	H
HT20		5383.84	40.52	-13.48	54	33.18	31.34	9.25	33.25	148	343	A	H
CH 44		5104.78	48.56	-25.44	74	41	31.9	8.94	33.28	105	272	P	V
5220MHz		5139.88	41.1	-12.9	54	33.52	31.9	8.96	33.28	105	272	A	V
	*	5220	103.05	-	-	95.8	31.48	9.04	33.27	105	272	P	V
	*	5220	94.95	-	-	87.7	31.48	9.04	33.27	105	272	A	V
		5452.16	46.48	-27.52	74	38.77	31.61	9.34	33.24	105	272	P	V
		5376.28	40.44	-13.56	54	33.14	31.31	9.24	33.25	105	272	A	V

		5130.78	48.37	-25.63	74	40.79	31.9	8.96	33.28	122	343	P	H
		5126.62	41.51	-12.49	54	33.94	31.9	8.95	33.28	122	343	A	H
	*	5240	102.83	-	-	95.68	31.36	9.06	33.27	122	343	P	H
	*	5240	95.65	-	-	88.5	31.36	9.06	33.27	122	343	A	H
802.11n		5353.6	47.11	-26.89	74	39.94	31.21	9.21	33.25	122	343	P	H
HT20		5356.4	40.95	-13.05	54	33.76	31.23	9.21	33.25	122	343	A	H
CH 48		5053.56	48.69	-25.31	74	41.36	31.71	8.9	33.28	100	273	P	V
5240MHz		5126.88	40.92	-13.08	54	33.34	31.9	8.96	33.28	100	273	A	V
	*	5240	101.45	-	-	94.3	31.36	9.06	33.27	100	273	P	V
	*	5240	94.26	-	-	87.11	31.36	9.06	33.27	100	273	A	V
		5359.76	46.79	-27.21	74	39.58	31.24	9.22	33.25	100	273	P	V
		5361.72	40.77	-13.23	54	33.55	31.25	9.22	33.25	100	273	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	50.99	-17.21	68.2	57.3	39.58	16.26	62.15	100	0	P	H
		15540	44.74	-29.26	74	47.89	37.92	19.57	60.64	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	51.78	-16.42	68.2	58.09	39.58	16.26	62.15	100	0	P	V
5180MHz		15540	46.3	-27.7	74	49.45	37.92	19.57	60.64	100	0	P	V
													V
													V
		10440	50.23	-17.97	68.2	56.4	39.78	16.34	62.29	100	0	P	H
		15660	46.8	-27.2	74	50.07	37.56	19.61	60.44	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	53.74	-14.46	68.2	59.91	39.78	16.34	62.29	100	0	P	V
5220MHz		15660	47.1	-26.9	74	50.37	37.56	19.61	60.44	100	0	P	V
													V
													V
		10480	50.82	-17.38	68.2	56.93	39.86	16.39	62.36	100	0	P	H
		15720	45.73	-28.27	74	48.92	37.54	19.62	60.35	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	52.98	-15.22	68.2	59.09	39.86	16.39	62.36	100	0	P	V
5240MHz		15720	45.8	-28.2	74	48.99	37.54	19.62	60.35	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.68	50.64	-23.36	74	43.05	31.9	8.97	33.28	173	343	P	H
		5149.76	46.57	-7.43	54	38.98	31.9	8.97	33.28	173	343	A	H
	*	5190	99.81	-	-	92.42	31.66	9	33.27	173	343	P	H
	*	5190	93.01	-	-	85.62	31.66	9	33.27	173	343	A	H
802.11n		5442.92	46.82	-27.18	74	39.17	31.57	9.33	33.25	173	343	P	H
HT40		5355.28	40.63	-13.37	54	33.45	31.22	9.21	33.25	173	343	A	H
CH 38		5149.5	51.4	-22.6	74	43.81	31.9	8.97	33.28	100	270	P	V
5190MHz		5150	45.56	-8.44	54	37.97	31.9	8.97	33.28	100	270	A	V
	*	5190	98	-	-	90.61	31.66	9	33.27	100	270	P	V
	*	5190	91.47	-	-	84.08	31.66	9	33.27	100	270	A	V
		5376	48.02	-25.98	74	40.73	31.3	9.24	33.25	100	270	P	V
		5357.8	40.65	-13.35	54	33.45	31.23	9.22	33.25	100	270	A	V
		5126.62	50.34	-23.66	74	42.77	31.9	8.95	33.28	141	343	P	H
		5150	42.19	-11.81	54	34.6	31.9	8.97	33.28	141	343	A	H
	*	5230	101.28	-	-	94.08	31.42	9.05	33.27	141	343	P	H
	*	5230	94.47	-	-	87.27	31.42	9.05	33.27	141	343	A	H
802.11n		5446	48.14	-25.86	74	40.48	31.58	9.33	33.25	141	343	P	H
HT40		5353.6	41.14	-12.86	54	33.97	31.21	9.21	33.25	141	343	A	H
CH 46		5137.28	49.06	-24.94	74	41.48	31.9	8.96	33.28	100	269	P	V
5230MHz		5150	42.1	-11.9	54	34.51	31.9	8.97	33.28	100	269	A	V
	*	5230	98.75	-	-	91.55	31.42	9.05	33.27	100	269	P	V
	*	5230	92.69	-	-	85.49	31.42	9.05	33.27	100	269	A	V
		5365.64	48.39	-25.61	74	41.15	31.26	9.23	33.25	100	269	P	V
		5356.4	41.28	-12.72	54	34.09	31.23	9.21	33.25	100	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	49.31	-18.89	68.2	55.57	39.64	16.28	62.18	100	0	P	H
		15570	46.16	-27.84	74	49.46	37.71	19.58	60.59	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	50.59	-17.61	68.2	56.85	39.64	16.28	62.18	100	0	P	V
5190MHz		15570	46.5	-27.5	74	49.8	37.71	19.58	60.59	100	0	P	V
													V
													V
		10460	50.21	-17.99	68.2	56.35	39.82	16.37	62.33	100	0	P	H
		15690	45.43	-28.57	74	48.63	37.59	19.61	60.4	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	50.61	-17.59	68.2	56.75	39.82	16.37	62.33	100	0	P	V
5230MHz		15690	45.93	-28.07	74	49.13	37.59	19.61	60.4	100	0	P	V
													V
													V

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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		5060.86	50.79	-23.21	74	43.42	31.74	8.91	33.28	246	358	P	H
		5147.9	41.77	-12.23	54	34.18	31.9	8.97	33.28	246	358	A	H
	*	5260	104.24	-	-	97.13	31.28	9.09	33.26	246	358	P	H
	*	5260	96.92	-	-	89.81	31.28	9.09	33.26	246	358	A	H
		5374.08	48.56	-25.44	74	41.27	31.3	9.24	33.25	246	358	P	H
		5376.96	41.59	-12.41	54	34.29	31.31	9.24	33.25	246	358	A	H
		5139.74	48.01	-25.99	74	40.43	31.9	8.96	33.28	101	267	P	V
		5142.46	41.16	-12.84	54	33.57	31.9	8.97	33.28	101	267	A	V
	*	5260	102.45	-	-	95.34	31.28	9.09	33.26	101	267	P	V
	*	5260	95.27	-	-	88.16	31.28	9.09	33.26	101	267	A	V
		5376.24	47.7	-26.3	74	40.41	31.3	9.24	33.25	101	267	P	V
		5378.16	40.81	-13.19	54	33.51	31.31	9.24	33.25	101	267	A	V
802.11a CH 60 5300MHz		5089.08	47.83	-26.17	74	40.32	31.86	8.93	33.28	259	358	P	H
		5138.38	40.77	-13.23	54	33.19	31.9	8.96	33.28	259	358	A	H
	*	5300	104.98	-	-	97.9	31.2	9.14	33.26	259	358	P	H
	*	5300	97.5	-	-	90.42	31.2	9.14	33.26	259	358	A	H
		5413.68	49.27	-24.73	74	41.78	31.45	9.29	33.25	259	358	P	H
		5416.08	42.09	-11.91	54	34.59	31.46	9.29	33.25	259	358	A	H
		5011.9	48.29	-25.71	74	41.24	31.47	8.87	33.29	102	269	P	V
		5146.54	40.42	-13.58	54	32.83	31.9	8.97	33.28	102	269	A	V
	*	5300	103.12	-	-	96.04	31.2	9.14	33.26	102	269	P	V
	*	5300	95.61	-	-	88.53	31.2	9.14	33.26	102	269	A	V
		5379.6	48.26	-25.74	74	40.95	31.32	9.24	33.25	102	269	P	V
		5453.28	40.85	-13.15	54	33.14	31.61	9.34	33.24	102	269	A	V

802.11a CH 64 5320MHz	*	5320	105.89	-	-	98.78	31.2	9.17	33.26	273	358	P	H
	*	5320	98.02	-	-	90.91	31.2	9.17	33.26	273	358	A	H
		5438.4	49.31	-24.69	74	41.69	31.55	9.32	33.25	273	358	P	H
		5350.56	42.55	-11.45	54	35.39	31.2	9.21	33.25	273	358	A	H
													H
													H
	*	5320	104.28	-	-	97.17	31.2	9.17	33.26	102	269	P	V
	*	5320	96.31	-	-	89.2	31.2	9.17	33.26	102	269	A	V
		5441.44	47.67	-26.33	74	40.02	31.57	9.33	33.25	102	269	P	V
		5350.24	41.32	-12.68	54	34.16	31.2	9.21	33.25	102	269	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	54.23	-13.97	68.2	60.34	39.86	16.44	62.41	100	0	P	H
		15780	48.06	-25.94	74	51.32	37.36	19.63	60.25	100	0	P	H
													H
													H
		10520	56.08	-12.12	68.2	62.19	39.86	16.44	62.41	100	0	P	V
		15780	48.67	-25.33	74	51.93	37.36	19.63	60.25	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	55.76	-18.24	74	61.98	39.7	16.52	62.44	126	280	P	H
		10600	48.06	-5.94	54	54.28	39.7	16.52	62.44	126	280	A	H
		15900	44.97	-29.03	74	48.16	37.2	19.67	60.06	100	0	P	H
													H
		10600	58.27	-15.73	74	64.49	39.7	16.52	62.44	127	270	P	V
		10600	49.49	-4.51	54	55.71	39.7	16.52	62.44	127	270	A	V
		15900	48.37	-25.63	74	51.56	37.2	19.67	60.06	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	56.35	-17.65	74	62.46	39.78	16.57	62.46	123	282	P	H
		10640	49.32	-4.68	54	55.43	39.78	16.57	62.46	123	282	A	H
		15960	46.01	-27.99	74	48.91	37.38	19.68	59.96	100	0	P	H
													H
		10640	57.77	-16.23	74	63.88	39.78	16.57	62.46	125	269	P	V
		10640	50.27	-3.73	54	56.38	39.78	16.57	62.46	125	269	A	V
		15960	47.28	-26.72	74	50.18	37.38	19.68	59.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5081.26	48.99	-25.01	74	41.52	31.83	8.92	33.28	156	343	P	H
		5135.32	41.59	-12.41	54	34.01	31.9	8.96	33.28	156	343	A	H
	*	5260	103.32	-	-	96.21	31.28	9.09	33.26	156	343	P	H
	*	5260	95.86	-	-	88.75	31.28	9.09	33.26	156	343	A	H
802.11n		5412.72	47.36	-26.64	74	39.87	31.45	9.29	33.25	156	343	P	H
HT20		5375.76	40.6	-13.4	54	33.31	31.3	9.24	33.25	156	343	A	H
CH 52		5046.24	47.82	-26.18	74	40.54	31.68	8.89	33.29	100	271	P	V
5260MHz		5143.82	41.28	-12.72	54	33.69	31.9	8.97	33.28	100	271	A	V
	*	5260	102.91	-	-	95.8	31.28	9.09	33.26	100	271	P	V
	*	5260	95	-	-	87.89	31.28	9.09	33.26	100	271	A	V
		5359.44	48.03	-25.97	74	40.82	31.24	9.22	33.25	100	271	P	V
		5385.84	40.84	-13.16	54	33.5	31.34	9.25	33.25	100	271	A	V
		5147.9	49.36	-24.64	74	41.77	31.9	8.97	33.28	129	344	P	H
		5139.4	40.89	-13.11	54	33.31	31.9	8.96	33.28	129	344	A	H
	*	5300	103.75	-	-	96.67	31.2	9.14	33.26	129	344	P	H
	*	5300	96.6	-	-	89.52	31.2	9.14	33.26	129	344	A	H
802.11n		5372.64	48.18	-25.82	74	40.91	31.29	9.23	33.25	129	344	P	H
HT20		5350.32	40.84	-13.16	54	33.68	31.2	9.21	33.25	129	344	A	H
CH 60		5090.44	50.63	-23.37	74	43.12	31.86	8.93	33.28	100	271	P	V
5300MHz		5147.9	40.84	-13.16	54	33.25	31.9	8.97	33.28	100	271	A	V
	*	5300	101.81	-	-	94.73	31.2	9.14	33.26	100	271	P	V
	*	5300	94.69	-	-	87.61	31.2	9.14	33.26	100	271	A	V
		5358.24	48.1	-25.9	74	40.9	31.23	9.22	33.25	100	271	P	V
		5458.56	40.81	-13.19	54	33.07	31.63	9.35	33.24	100	271	A	V

	*	5320	103.71	-	-	96.6	31.2	9.17	33.26	124	329	P	H
	*	5320	95.36	-	-	88.25	31.2	9.17	33.26	124	329	A	H
		5356.8	48.78	-25.22	74	41.59	31.23	9.21	33.25	124	329	P	H
		5351.2	41.28	-12.72	54	34.12	31.2	9.21	33.25	124	329	A	H
802.11n													H
HT20													H
CH 64	*	5320	102.04	-	-	94.93	31.2	9.17	33.26	101	276	P	V
5320MHz	*	5320	94.81	-	-	87.7	31.2	9.17	33.26	101	276	A	V
		5435.04	47.57	-26.43	74	39.96	31.54	9.32	33.25	101	276	P	V
		5350.24	41.5	-12.5	54	34.34	31.2	9.21	33.25	101	276	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	50.91	-17.29	68.2	57.02	39.86	16.44	62.41	100	0	P	H
		15780	46.91	-27.09	74	50.17	37.36	19.63	60.25	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	53.66	-14.54	68.2	59.77	39.86	16.44	62.41	100	0	P	V
5260MHz		15780	46.65	-27.35	74	49.91	37.36	19.63	60.25	100	0	P	V
													V
													V
		10600	53.6	-20.4	74	59.82	39.7	16.52	62.44	112	322	P	H
		10600	44.89	-9.11	54	51.11	39.7	16.52	62.44	112	322	A	H
802.11n		15900	44.68	-29.32	74	47.87	37.2	19.67	60.06	100	0	P	H
HT20													H
CH 60		10600	54.07	-19.93	74	60.29	39.7	16.52	62.44	127	270	P	V
5300MHz		10600	46.85	-7.15	54	53.07	39.7	16.52	62.44	127	270	A	V
		15900	45.1	-28.9	74	48.29	37.2	19.67	60.06	100	0	P	V
													V
		10640	54.97	-19.03	74	61.08	39.78	16.57	62.46	121	281	P	H
		10640	47	-7	54	53.11	39.78	16.57	62.46	121	281	A	H
802.11n		15960	44.76	-29.24	74	47.66	37.38	19.68	59.96	100	0	P	H
HT20													H
CH 64		10640	56.47	-17.53	74	62.58	39.78	16.57	62.46	125	270	P	V
5320MHz		10640	48.38	-5.62	54	54.49	39.78	16.57	62.46	125	270	A	V
		15960	44.56	-29.44	74	47.46	37.38	19.68	59.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5022.78	48.57	-25.43	74	41.44	31.54	8.88	33.29	180	345	P	H
		5146.88	41.96	-12.04	54	34.37	31.9	8.97	33.28	180	345	A	H
	*	5270	101.26	-	-	94.16	31.26	9.1	33.26	180	345	P	H
	*	5270	94.54	-	-	87.44	31.26	9.1	33.26	180	345	A	H
		5441.28	47.51	-26.49	74	39.86	31.57	9.33	33.25	180	345	P	H
		5384.4	41.43	-12.57	54	34.09	31.34	9.25	33.25	180	345	A	H
		5135.66	48.68	-25.32	74	41.1	31.9	8.96	33.28	100	267	P	V
		5149.26	41.59	-12.41	54	34	31.9	8.97	33.28	100	267	A	V
	*	5270	99.99	-	-	92.89	31.26	9.1	33.26	100	267	P	V
	*	5270	92.95	-	-	85.85	31.26	9.1	33.26	100	267	A	V
		5430.24	47.01	-26.99	74	39.43	31.52	9.31	33.25	100	267	P	V
		5392.56	41.26	-12.74	54	33.88	31.37	9.26	33.25	100	267	A	V
802.11n HT40 CH 62 5310MHz		5093.16	48.81	-25.19	74	41.29	31.87	8.93	33.28	152	356	P	H
		5126.14	41.29	-12.71	54	33.72	31.9	8.95	33.28	152	356	A	H
	*	5310	100.84	-	-	93.75	31.2	9.15	33.26	152	356	P	H
	*	5310	93.85	-	-	86.76	31.2	9.15	33.26	152	356	A	H
		5357.76	50.19	-23.81	74	42.99	31.23	9.22	33.25	152	356	P	H
		5351.04	45.49	-8.51	54	38.33	31.2	9.21	33.25	152	356	A	H
		5037.4	49.48	-24.52	74	42.26	31.62	8.89	33.29	100	275	P	V
		5146.88	41.16	-12.84	54	33.57	31.9	8.97	33.28	100	275	A	V
	*	5310	99.2	-	-	92.11	31.2	9.15	33.26	100	275	P	V
	*	5310	92.59	-	-	85.5	31.2	9.15	33.26	100	275	A	V
		5350.32	50.68	-23.32	74	43.52	31.2	9.21	33.25	100	275	P	V
		5350.32	44.52	-9.48	54	37.36	31.2	9.21	33.25	100	275	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	51.11	-17.09	68.2	57.25	39.82	16.46	62.42	100	0	P	H
		15810	44.55	-29.45	74	47.82	37.29	19.64	60.2	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	51.27	-16.93	68.2	57.41	39.82	16.46	62.42	100	0	P	V
5270MHz		15810	44.5	-29.5	74	47.77	37.29	19.64	60.2	100	0	P	V
													V
													V
		10620	49.91	-24.09	74	56.08	39.74	16.54	62.45	100	0	P	H
		15930	43.67	-30.33	74	46.72	37.29	19.67	60.01	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	54.26	-19.74	74	60.43	39.74	16.54	62.45	126	268	P	V
5310MHz		10620	47.1	-6.9	54	53.27	39.74	16.54	62.45	126	268	A	V
		15930	45.58	-28.42	74	48.63	37.29	19.67	60.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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		5456.72	47.26	-26.74	74	39.52	31.63	9.35	33.24	285	354	P	H
		5467.44	51.09	-17.11	68.2	43.3	31.67	9.36	33.24	285	354	P	H
		5458.64	41.33	-12.67	54	33.59	31.63	9.35	33.24	285	354	A	H
	*	5500	104.89	-	-	96.92	31.8	9.41	33.24	285	354	P	H
	*	5500	96.79	-	-	88.82	31.8	9.41	33.24	285	354	A	H
													H
		5430	47.37	-26.63	74	39.79	31.52	9.31	33.25	112	300	P	V
		5466.48	48.8	-19.4	68.2	41.01	31.67	9.36	33.24	112	300	P	V
		5460	40.18	-13.82	54	32.43	31.64	9.35	33.24	112	300	A	V
	*	5500	100.2	-	-	92.23	31.8	9.41	33.24	112	300	P	V
	*	5500	92.85	-	-	84.88	31.8	9.41	33.24	112	300	A	V
													V
802.11a CH 116 5580MHz		5405.44	47.6	-26.4	74	40.15	31.42	9.28	33.25	278	4	P	H
		5464.96	47.07	-21.13	68.2	39.29	31.66	9.36	33.24	278	4	P	H
		5456.08	40.84	-13.16	54	33.11	31.62	9.35	33.24	278	4	A	H
	*	5580	105.83	-	-	97.95	31.64	9.51	33.27	278	4	P	H
	*	5580	98.07	-	-	90.19	31.64	9.51	33.27	278	4	A	H
		5747.045	48.45	-19.75	68.2	40.06	31.99	9.72	33.32	278	4	P	H
		5351.2	47.84	-26.16	74	40.68	31.2	9.21	33.25	103	300	P	V
		5467.12	46.63	-21.57	68.2	38.84	31.67	9.36	33.24	103	300	P	V
		5457.52	40.03	-13.97	54	32.29	31.63	9.35	33.24	103	300	A	V
	*	5580	102.96	-	-	95.08	31.64	9.51	33.27	103	300	P	V
	*	5580	95	-	-	87.12	31.64	9.51	33.27	103	300	A	V
		5734.76	48.86	-19.34	68.2	40.53	31.94	9.71	33.32	103	300	P	V

802.11a CH 140 5700MHz	*	5700	105.94	-	-	97.79	31.8	9.66	33.31	282	3	P	H
	*	5700	98.47	-	-	90.32	31.8	9.66	33.31	282	3	A	H
		5726.12	51.99	-16.21	68.2	43.71	31.9	9.7	33.32	282	3	P	H
													H
													H
													H
	*	5700	102.84	-	-	94.69	31.8	9.66	33.31	106	241	P	V
	*	5700	95.52	-	-	87.37	31.8	9.66	33.31	106	241	A	V
		5725.16	49.85	-18.35	68.2	41.57	31.9	9.7	33.32	106	241	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	53.25	-20.75	74	58.59	40.3	16.96	62.6	123	297	P	H
		11000	47.23	-6.77	54	52.57	40.3	16.96	62.6	123	297	A	H
		16500	47.28	-20.92	68.2	46.81	39.3	20.37	59.2	100	0	P	H
													H
		11000	52.4	-21.6	74	57.74	40.3	16.96	62.6	316	356	P	V
		11000	45.44	-8.56	54	50.78	40.3	16.96	62.6	316	356	A	V
		16500	46.19	-22.01	68.2	45.72	39.3	20.37	59.2	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	57.94	-16.06	74	63.6	39.72	17.12	62.5	123	297	P	H
		11160	48.71	-5.29	54	54.37	39.72	17.12	62.5	123	297	A	H
		16740	47.83	-20.37	68.2	46.12	40.08	20.69	59.06	100	0	P	H
													H
		11160	54.98	-19.02	74	60.64	39.72	17.12	62.5	283	287	P	V
		11160	45.94	-8.06	54	51.6	39.72	17.12	62.5	283	287	A	V
		16740	46.75	-21.45	68.2	45.04	40.08	20.69	59.06	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	54.71	-19.29	74	59.9	39.8	17.37	62.36	127	281	P	H
		11400	47.51	-6.49	54	52.7	39.8	17.37	62.36	127	281	A	H
		17100	47.68	-20.52	68.2	45.11	40.1	21.19	58.72	100	0	P	H
													H
		11400	54.62	-19.38	74	59.81	39.8	17.37	62.36	299	283	P	V
		11400	47.46	-6.54	54	52.65	39.8	17.37	62.36	299	283	A	V
		17100	47.5	-20.7	68.2	44.93	40.1	21.19	58.72	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5438.32	48.43	-25.57	74	40.81	31.55	9.32	33.25	307	9	P	H
		5468.24	49.09	-19.11	68.2	41.3	31.67	9.36	33.24	307	9	P	H
		5456.08	41.29	-12.71	54	33.56	31.62	9.35	33.24	307	9	A	H
	*	5500	103.08	-	-	95.11	31.8	9.41	33.24	307	9	P	H
802.11n	*	5500	95.97	-	-	88	31.8	9.41	33.24	307	9	A	H
HT20													H
CH 100		5352.88	46.88	-27.12	74	39.71	31.21	9.21	33.25	100	250	P	V
5500MHz		5468.72	46.12	-22.08	68.2	38.33	31.67	9.36	33.24	100	250	P	V
		5458.16	40.13	-13.87	54	32.39	31.63	9.35	33.24	100	250	A	V
	*	5500	98.9	-	-	90.93	31.8	9.41	33.24	100	250	P	V
	*	5500	91.49	-	-	83.52	31.8	9.41	33.24	100	250	A	V
													V
		5456.32	46.94	-27.06	74	39.2	31.63	9.35	33.24	279	9	P	H
		5461.36	47.92	-20.28	68.2	40.16	31.65	9.35	33.24	279	9	P	H
		5456.56	40.94	-13.06	54	33.2	31.63	9.35	33.24	279	9	A	H
	*	5580	104.47	-	-	96.59	31.64	9.51	33.27	279	9	P	H
802.11n	*	5580	96.76	-	-	88.88	31.64	9.51	33.27	279	9	A	H
HT20		5760.59	48.16	-20.04	68.2	39.73	32.02	9.74	33.33	279	9	P	H
CH 116		5360.08	46.57	-27.43	74	39.36	31.24	9.22	33.25	100	244	P	V
5580MHz		5465.44	45.35	-22.85	68.2	37.57	31.66	9.36	33.24	100	244	P	V
		5455.6	40.12	-13.88	54	32.39	31.62	9.35	33.24	100	244	A	V
	*	5580	101.61	-	-	93.73	31.64	9.51	33.27	100	244	P	V
	*	5580	93.79	-	-	85.91	31.64	9.51	33.27	100	244	A	V
		5740.43	47.12	-21.08	68.2	38.76	31.96	9.72	33.32	100	244	P	V

	*	5700	104.85	-	-	96.7	31.8	9.66	33.31	282	3	P	H
	*	5700	97.6	-	-	89.45	31.8	9.66	33.31	282	3	A	H
		5729.32	53.82	-14.38	68.2	45.52	31.92	9.7	33.32	282	3	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	102.15	-	-	94	31.8	9.66	33.31	105	242	P	V
5700MHz	*	5700	94.8	-	-	86.65	31.8	9.66	33.31	105	242	A	V
		5725.16	48.73	-19.47	68.2	40.45	31.9	9.7	33.32	105	242	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.24	-24.76	74	54.58	40.3	16.96	62.6	100	255	P	H
		11000	43.44	-10.56	54	48.78	40.3	16.96	62.6	100	255	A	H
802.11n		16500	46.3	-21.9	68.2	45.83	39.3	20.37	59.2	100	0	P	H
HT20													H
CH 100		11000	51.78	-22.22	74	57.12	40.3	16.96	62.6	306	1	P	V
5500MHz		11000	45	-9	54	50.34	40.3	16.96	62.6	306	1	A	V
		16500	46.11	-22.09	68.2	45.64	39.3	20.37	59.2	100	0	P	V
													V
		11160	55.39	-18.61	74	61.05	39.72	17.12	62.5	123	297	P	H
		11160	47.6	-6.4	54	53.26	39.72	17.12	62.5	123	297	A	H
802.11n		16740	47.14	-21.06	68.2	45.43	40.08	20.69	59.06	100	0	P	H
HT20													H
CH 116		11160	49.55	-24.45	74	55.21	39.72	17.12	62.5	100	0	P	V
5580MHz		16740	47.32	-20.88	68.2	45.61	40.08	20.69	59.06	100	0	P	V
													V
													V
		11400	52.97	-21.03	74	58.16	39.8	17.37	62.36	120	277	P	H
		11400	46.76	-7.24	54	51.95	39.8	17.37	62.36	120	277	A	H
802.11n		17100	47.63	-20.57	68.2	45.06	40.1	21.19	58.72	100	0	P	H
HT20													H
CH 140		11400	53.31	-20.69	74	58.5	39.8	17.37	62.36	299	283	P	V
5700MHz		11400	47.05	-6.95	54	52.24	39.8	17.37	62.36	299	283	A	V
		17100	47.22	-20.98	68.2	44.65	40.1	21.19	58.72	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5454.4	49.9	-24.1	74	42.18	31.62	9.34	33.24	280	8	P	H
		5470	52.97	-15.23	68.2	45.17	31.68	9.36	33.24	280	8	P	H
		5459.44	43.82	-10.18	54	36.07	31.64	9.35	33.24	280	8	A	H
	*	5510	101.46	-	-	93.5	31.78	9.42	33.24	280	8	P	H
802.11n	*	5510	94.29	-	-	86.33	31.78	9.42	33.24	280	8	A	H
HT40		5759.645	48.03	-20.17	68.2	39.6	32.02	9.74	33.33	280	8	P	H
CH 102		5454.88	48.65	-25.35	74	40.93	31.62	9.34	33.24	103	243	P	V
5510MHz		5469.76	51.14	-17.06	68.2	43.34	31.68	9.36	33.24	103	243	P	V
		5459.68	41.54	-12.46	54	33.79	31.64	9.35	33.24	103	243	A	V
	*	5510	97.48	-	-	89.52	31.78	9.42	33.24	103	243	P	V
	*	5510	90.52	-	-	82.56	31.78	9.42	33.24	103	243	A	V
		5741.06	47.67	-20.53	68.2	39.31	31.96	9.72	33.32	103	243	P	V
		5445.52	46.88	-27.12	74	39.22	31.58	9.33	33.25	272	7	P	H
		5469.28	47.25	-20.95	68.2	39.45	31.68	9.36	33.24	272	7	P	H
		5434.72	41.45	-12.55	54	33.84	31.54	9.32	33.25	272	7	A	H
	*	5550	101.3	-	-	93.39	31.7	9.47	33.26	272	7	P	H
802.11n	*	5550	94.4	-	-	86.49	31.7	9.47	33.26	272	7	A	H
HT40		5756.81	47.01	-21.19	68.2	38.59	32.01	9.74	33.33	272	7	P	H
CH 110		5439.76	47.25	-26.75	74	39.62	31.56	9.32	33.25	102	241	P	V
5550MHz		5463.04	46.49	-21.71	68.2	38.72	31.65	9.36	33.24	102	241	P	V
		5432.32	40.4	-13.6	54	32.81	31.53	9.31	33.25	102	241	A	V
	*	5550	97.32	-	-	89.41	31.7	9.47	33.26	102	241	P	V
	*	5550	90.84	-	-	82.93	31.7	9.47	33.26	102	241	A	V
		5751.14	47.47	-20.73	68.2	39.07	32	9.73	33.33	102	241	P	V

		5354.9	47.45	-26.55	74	40.27	31.22	9.21	33.25	269	5	P	H
		5467.95	45.76	-22.44	68.2	37.97	31.67	9.36	33.24	269	5	P	H
		5451.15	40.54	-13.46	54	32.84	31.6	9.34	33.24	269	5	A	H
	*	5670	100.99	-	-	92.98	31.68	9.63	33.3	269	5	P	H
802.11n	*	5670	94.74	-	-	86.73	31.68	9.63	33.3	269	5	A	H
HT40		5725	50.06	-18.14	68.2	41.78	31.9	9.7	33.32	269	5	P	H
CH 134		5427	46.93	-27.07	74	39.36	31.51	9.31	33.25	100	241	P	V
5670MHz		5468.3	45.51	-22.69	68.2	37.72	31.67	9.36	33.24	100	241	P	V
		5451.5	40.23	-13.77	54	32.52	31.61	9.34	33.24	100	241	A	V
	*	5670	98.17	-	-	90.16	31.68	9.63	33.3	100	241	P	V
	*	5670	91.64	-	-	83.63	31.68	9.63	33.3	100	241	A	V
		5735.95	48.87	-19.33	68.2	40.54	31.94	9.71	33.32	100	241	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.8	-24.2	74	55.19	40.22	16.98	62.59	100	0	P	H
		16530	46.21	-21.99	68.2	45.74	39.24	20.41	59.18	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	51.52	-22.48	74	56.91	40.22	16.98	62.59	105	232	P	V
5510MHz		11020	45.32	-8.68	54	50.71	40.22	16.98	62.59	105	232	A	V
		16530	46.04	-22.16	68.2	45.57	39.24	20.41	59.18	100	0	P	V
													V
		11100	49.94	-24.06	74	55.52	39.9	17.06	62.54	100	0	P	H
		16650	47.32	-20.88	68.2	46.31	39.55	20.57	59.11	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	49.92	-24.08	74	55.5	39.9	17.06	62.54	100	0	P	V
5550MHz		16650	47.33	-20.87	68.2	46.32	39.55	20.57	59.11	100	0	P	V
													V
													V
		11340	48.29	-25.71	74	53.71	39.68	17.3	62.4	100	0	P	H
		17010	46.8	-21.4	68.2	44.43	40.19	21.06	58.88	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	48.45	-25.55	74	53.87	39.68	17.3	62.4	100	0	P	V
5670MHz		17010	47.7	-20.5	68.2	45.33	40.19	21.06	58.88	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI 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 124 5620MHz		5354.2	46.5	-27.5	74	39.32	31.22	9.21	33.25	279	352	P	H
		5469.35	45.23	-22.97	68.2	37.43	31.68	9.36	33.24	279	352	P	H
		5458.5	39.86	-14.14	54	32.12	31.63	9.35	33.24	279	352	A	H
	*	5620	105.89	-	-	98.01	31.6	9.56	33.28	279	352	P	H
	*	5620	98.1	-	-	90.22	31.6	9.56	33.28	279	352	A	H
		5747.85	50.88	-17.32	68.2	42.49	31.99	9.72	33.32	279	352	P	H
		5423.5	46.72	-27.28	74	39.18	31.49	9.3	33.25	100	240	P	V
		5464.1	47.01	-21.19	68.2	39.23	31.66	9.36	33.24	100	240	P	V
		5457.8	39.9	-14.1	54	32.16	31.63	9.35	33.24	100	240	A	V
	*	5620	102.92	-	-	95.04	31.6	9.56	33.28	100	240	P	V
	*	5620	95.14	-	-	87.26	31.6	9.56	33.28	100	240	A	V
		5745.4	47.92	-20.28	68.2	39.54	31.98	9.72	33.32	100	240	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 124 5620MHz		11240	55.4	-18.6	74	61.06	39.6	17.2	62.46	123	282	P	H
		11240	47.72	-6.28	54	53.38	39.6	17.2	62.46	123	282	A	H
		16860	46.83	-21.37	68.2	44.99	39.96	20.86	58.98	100	0	P	H
													H
		11240	54.37	-19.63	74	60.03	39.6	17.2	62.46	101	282	P	V
		11240	45.83	-8.17	54	51.49	39.6	17.2	62.46	101	282	A	V
		16860	47.2	-21	68.2	45.36	39.96	20.86	58.98	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 124 5620MHz		5391.3	46.53	-27.47	74	39.15	31.37	9.26	33.25	262	352	P	H
		5464.45	46.13	-22.07	68.2	38.35	31.66	9.36	33.24	262	352	P	H
		5455.35	39.95	-14.05	54	32.23	31.62	9.34	33.24	262	352	A	H
	*	5620	105.97	-	-	98.09	31.6	9.56	33.28	262	352	P	H
	*	5620	97.61	-	-	89.73	31.6	9.56	33.28	262	352	A	H
		5748.55	50.29	-17.91	68.2	41.89	31.99	9.73	33.32	262	352	P	H
		5388.15	46.47	-27.53	74	39.12	31.35	9.25	33.25	100	240	P	V
		5461.3	45.37	-22.83	68.2	37.61	31.65	9.35	33.24	100	240	P	V
		5459.55	39.52	-14.48	54	31.77	31.64	9.35	33.24	100	240	A	V
	*	5620	103.32	-	-	95.44	31.6	9.56	33.28	100	240	P	V
	*	5620	94.89	-	-	87.01	31.6	9.56	33.28	100	240	A	V
		5744.7	48.85	-19.35	68.2	40.47	31.98	9.72	33.32	100	240	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 HT20 CH 124 5620MHz		11240	54.1	-19.9	74	59.76	39.6	17.2	62.46	116	309	P	H
		11240	46.1	-7.9	54	51.76	39.6	17.2	62.46	116	309	A	H
		16860	47.11	-21.09	68.2	45.27	39.96	20.86	58.98	100	0	P	H
													H
		11240	53.33	-20.67	74	58.99	39.6	17.2	62.46	301	286	P	V
		11240	45.78	-8.22	54	51.44	39.6	17.2	62.46	301	286	A	V
		16860	47.54	-20.66	68.2	45.7	39.96	20.86	58.98	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 126 5630MHz		5436.45	47.64	-26.36	74	40.02	31.55	9.32	33.25	274	354	P	H
		5463.4	46.19	-22.01	68.2	38.42	31.65	9.36	33.24	274	354	P	H
		5459.9	40.69	-13.31	54	32.94	31.64	9.35	33.24	274	354	A	H
	*	5630	100.92	-	-	93.02	31.6	9.58	33.28	274	354	P	H
	*	5630	94.54	-	-	86.64	31.6	9.58	33.28	274	354	A	H
		5748.55	50.26	-17.94	68.2	41.86	31.99	9.73	33.32	274	354	P	H
		5433.65	47.24	-26.76	74	39.64	31.53	9.32	33.25	100	244	P	V
		5466.9	45	-23.2	68.2	37.21	31.67	9.36	33.24	100	244	P	V
		5447.65	40.14	-13.86	54	32.47	31.59	9.33	33.25	100	244	A	V
	*	5630	98.5	-	-	90.6	31.6	9.58	33.28	100	244	P	V
	*	5630	91.39	-	-	83.49	31.6	9.58	33.28	100	244	A	V
		5746.275	48.28	-19.92	68.2	39.89	31.99	9.72	33.32	100	244	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)
		11260	49.32	-24.68	74	54.94	39.6	17.22	62.44	100	0	P	H
		16890	47.97	-20.23	68.2	46.2	39.84	20.9	58.97	100	0	P	H
802.11n													H
HT40													H
CH 126		11260	49.26	-24.74	74	54.88	39.6	17.22	62.44	100	0	P	V
5630MHz		16890	48.17	-20.03	68.2	46.4	39.84	20.9	58.97	100	0	P	V
													V
													V

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

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		62.01	34.09	-5.91	40	51.19	11.82	0.74	29.66	296	128	Q	H
		149.31	35.02	-8.48	43.5	46.11	17.24	1.25	29.58	200	121	Q	H
		408.3	39.69	-6.31	46	44.34	22.38	2.15	29.18	-	-	P	H
		577.08	39.26	-6.74	46	39.4	26.09	2.63	28.86	-	-	P	H
		664.38	37.4	-8.6	46	36.82	26.4	2.87	28.69	-	-	P	H
		961.2	36.79	-17.21	54	30.24	30.91	3.75	28.11	-	-	P	H
													H
													H
													H
													H
802.11a LF		62.98	34.98	-5.02	40	52.01	11.89	0.75	29.67	102	80	Q	V
		150.28	36.15	-7.35	43.5	47.23	17.24	1.26	29.58	-	-	P	V
		480.08	39.27	-6.73	46	42.05	23.8	2.45	29.03	-	-	P	V
		664.38	37.56	-8.44	46	36.98	26.4	2.87	28.69	-	-	P	V
		905.91	35.79	-10.21	46	31.08	29.1	3.79	28.18	-	-	P	V
		997.09	38.77	-15.23	54	32.54	30.3	3.96	28.03	-	-	P	V
													V
													V
													V
													V
													V

Remark

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

<Sample 3>

<Dipole Antenna>

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 64 5320MHz	*	5320	108.62	-	-	101.51	31.2	9.17	33.26	117	176	P	H
	*	5320	100.42	-	-	93.31	31.2	9.17	33.26	117	176	A	H
		5362.72	50.25	-23.75	74	43.03	31.25	9.22	33.25	117	176	P	H
		5350.08	44.55	-9.45	54	37.39	31.2	9.21	33.25	117	176	A	H
													H
													H
	*	5320	100.57	-	-	93.46	31.2	9.17	33.26	100	89	P	V
	*	5320	92.26	-	-	85.15	31.2	9.17	33.26	100	89	A	V
		5396.16	46.43	-27.57	74	39.03	31.38	9.27	33.25	100	89	P	V
		5435.04	40.79	-13.21	54	33.18	31.54	9.32	33.25	100	89	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	49.86	-24.14	74	55.97	39.78	16.57	62.46	100	0	P	H
		15960	46.04	-27.96	74	48.94	37.38	19.68	59.96	100	0	P	H
													H
													H
		10640	56.83	-17.17	74	62.94	39.78	16.57	62.46	400	37	P	V
		10640	47.31	-6.69	54	53.42	39.78	16.57	62.46	400	37	A	V
		15960	46.61	-27.39	74	49.51	37.38	19.68	59.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		61.04	35.92	-4.08	40	53.02	11.82	0.74	29.66	302	2	Q	H
		150.28	37.62	-5.88	43.5	48.7	17.24	1.26	29.58	205	125	Q	H
		408.3	39.69	-6.31	46	44.34	22.38	2.15	29.18	-	-	P	H
		480.08	39.88	-6.12	46	42.66	23.8	2.45	29.03	-	-	P	H
		564.47	39.71	-6.29	46	39.54	26.4	2.62	28.85	-	-	P	H
		895.24	38.74	-7.26	46	34.21	28.96	3.78	28.21	-	-	P	H
													H
													H
													H
													H
													H
802.11a													H
LF		62.98	33.04	-6.96	40	50.07	11.89	0.75	29.67	100	76	Q	V
		150.28	33.01	-10.49	43.5	44.09	17.24	1.26	29.58	-	-	P	V
		480.08	39.53	-6.47	46	42.31	23.8	2.45	29.03	-	-	P	V
		665.35	40.2	-5.8	46	39.61	26.4	2.88	28.69	-	-	P	V
		745.86	38.97	-7.03	46	36.09	28.28	3.21	28.61	-	-	P	V
		831.22	37.45	-8.55	46	33.96	28.46	3.45	28.42	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

<PIFA Antenna>

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 64 5320MHz	*	5320	105.96	-	-	98.85	31.2	9.17	33.26	115	254	P	H
	*	5320	98.65	-	-	91.54	31.2	9.17	33.26	115	254	A	H
		5396.48	48.61	-25.39	74	41.2	31.39	9.27	33.25	115	254	P	H
		5350.24	43.98	-10.02	54	36.82	31.2	9.21	33.25	115	254	A	H
													H
													H
	*	5320	102.34	-	-	95.23	31.2	9.17	33.26	298	273	P	V
	*	5320	94.9	-	-	87.79	31.2	9.17	33.26	298	273	A	V
		5350.08	48.04	-25.96	74	40.88	31.2	9.21	33.25	298	273	P	V
		5350.08	41.34	-12.66	54	34.18	31.2	9.21	33.25	298	273	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	49.88	-24.12	74	55.99	39.78	16.57	62.46	100	0	P	H
		15960	44.99	-29.01	74	47.89	37.38	19.68	59.96	100	0	P	H
													H
													H
		10640	56.65	-17.35	74	62.76	39.78	16.57	62.46	400	36	P	V
		10640	47.76	-6.24	54	53.87	39.78	16.57	62.46	400	36	A	V
		15960	46.56	-27.44	74	49.46	37.38	19.68	59.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11a (LF @ 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)
		62.01	35.61	-4.39	40	52.71	11.82	0.74	29.66	298	137	Q	H
		149.31	34.69	-8.81	43.5	45.78	17.24	1.25	29.58	204	124	Q	H
		408.3	39.15	-6.85	46	43.8	22.38	2.15	29.18	-	-	P	H
		576.11	39.86	-6.14	46	39.94	26.15	2.63	28.86	-	-	P	H
		746.83	38.69	-7.31	46	35.8	28.29	3.21	28.61	-	-	P	H
		903	39.42	-6.58	46	34.74	29.07	3.8	28.19	-	-	P	H
													H
													H
													H
													H
													H
802.11a													H
LF		61.04	34.87	-5.13	40	51.97	11.82	0.74	29.66	100	76	Q	V
		149.31	32.1	-11.4	43.5	43.19	17.24	1.25	29.58	-	-	P	V
		479.11	39.12	-6.88	46	41.91	23.79	2.45	29.03	-	-	P	V
		663.41	38.14	-7.86	46	37.58	26.39	2.87	28.7	-	-	P	V
		887.48	39.14	-6.86	46	34.69	28.96	3.73	28.24	-	-	P	V
		997.09	40.15	-13.85	54	33.92	30.3	3.96	28.03	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jack Cheng, Lance Chiang and Chuan Chu	**Temperature :**	22.3~26.4°C
		Relative Humidity :	58~66%

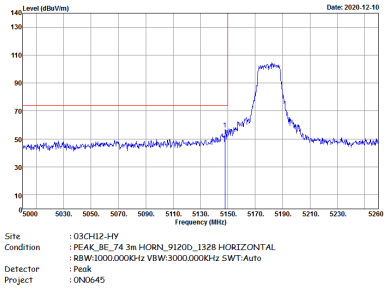
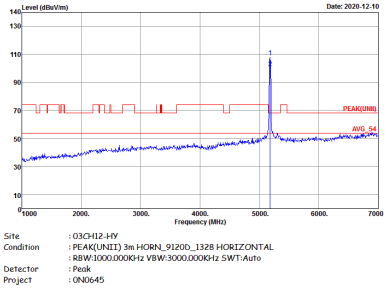
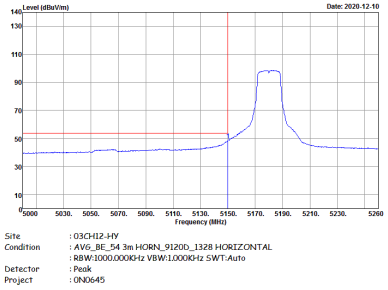
Note symbol

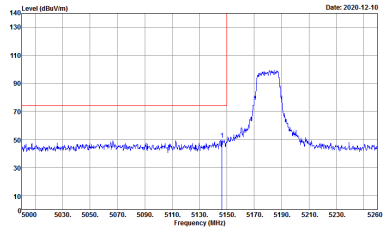
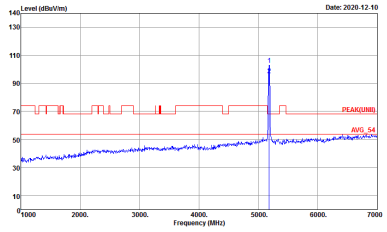
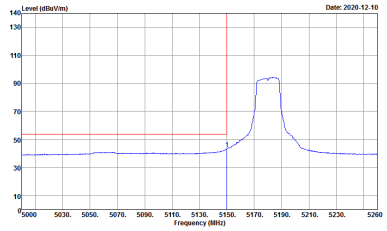
-L	**Low channel location**
-R	**High channel location**

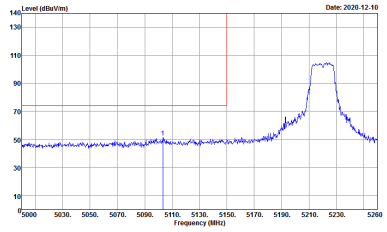
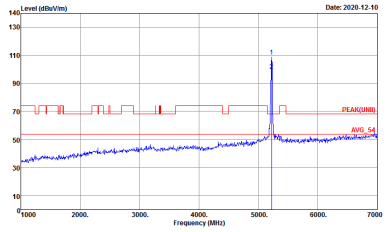
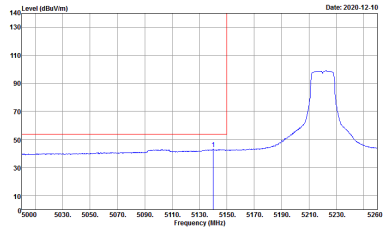
<Sample 1>

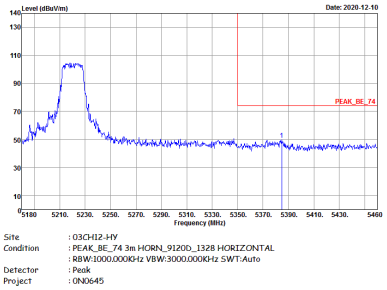
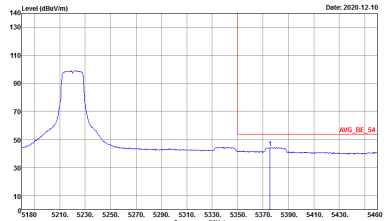
Band 1 - 5150~5250MHz

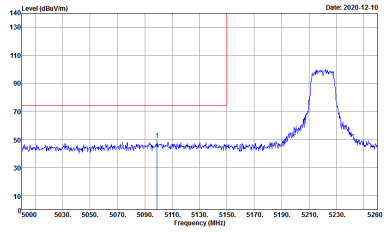
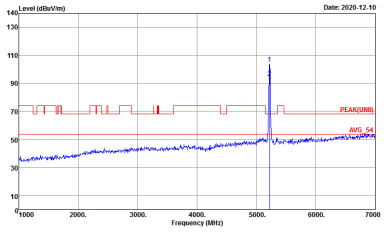
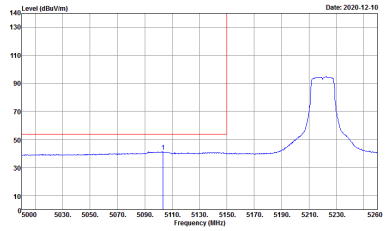
WIFI 802.11a (Band Edge @ 3m)

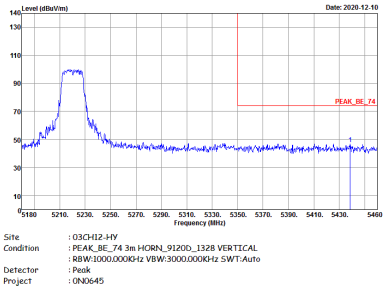
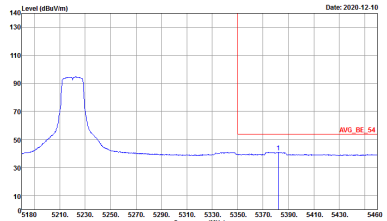
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

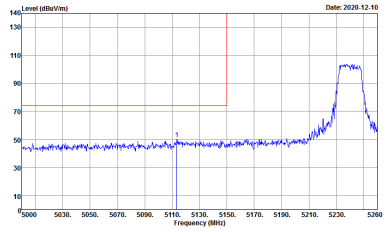
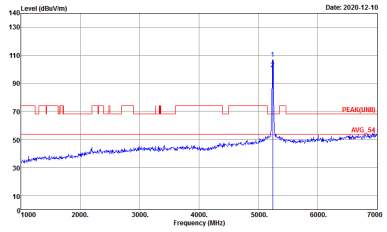
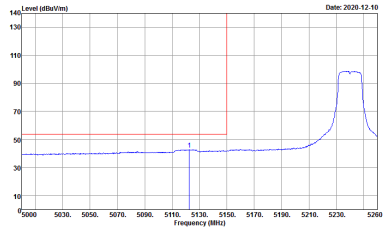
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

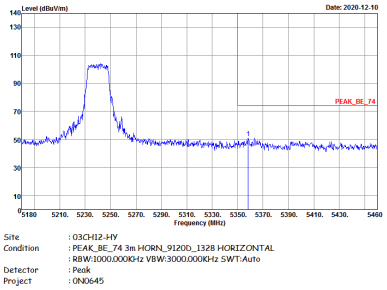
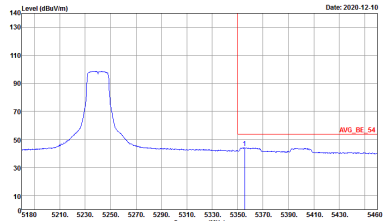
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

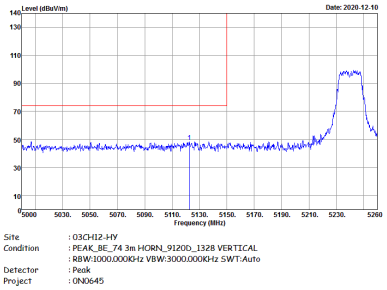
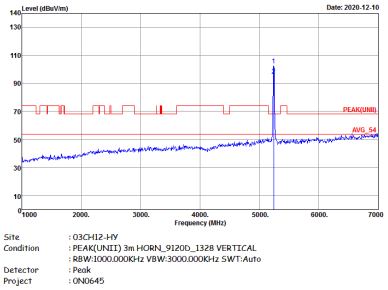
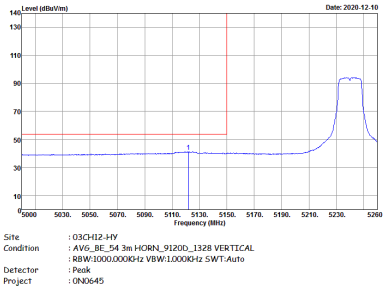
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

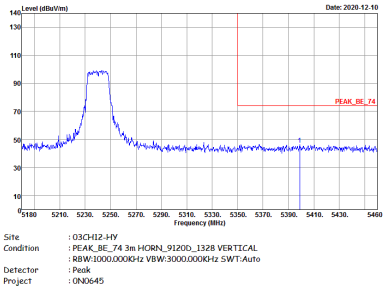
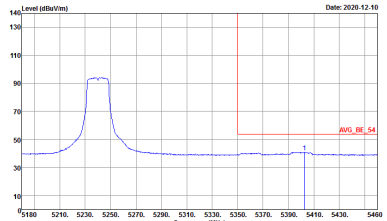
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

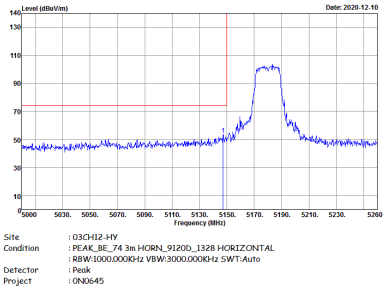
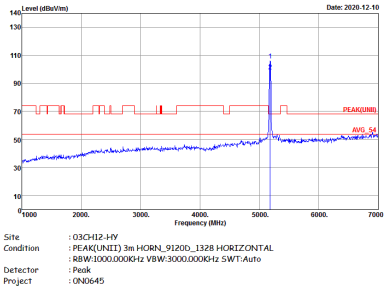
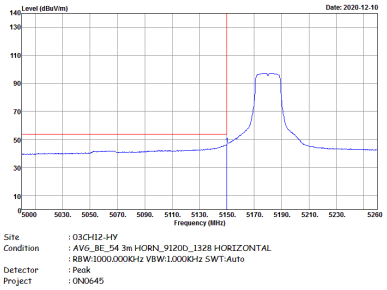
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

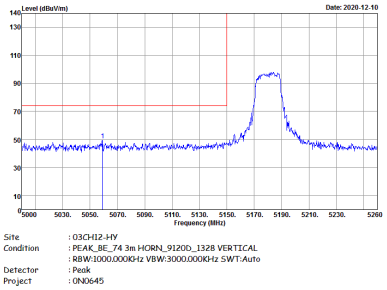
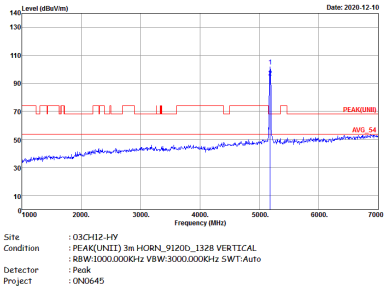
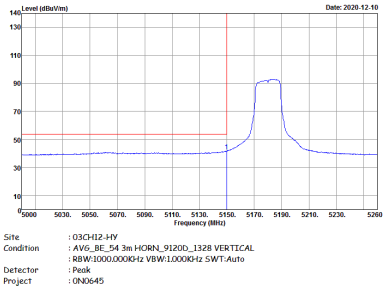
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

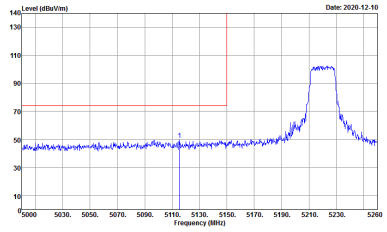
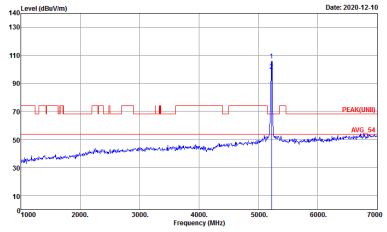
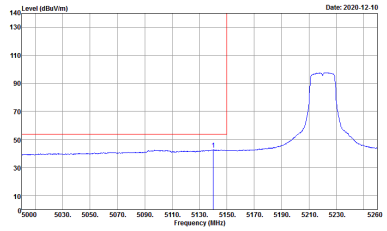
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

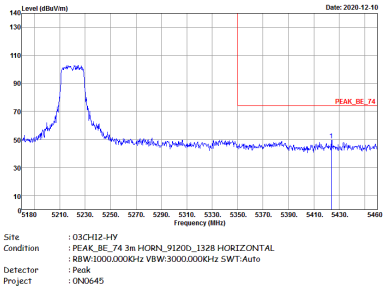
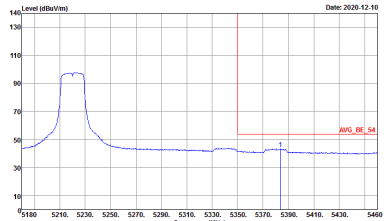
Band 1 5150~5250MHz

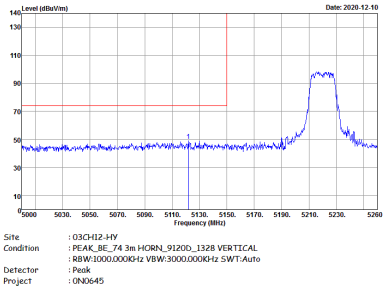
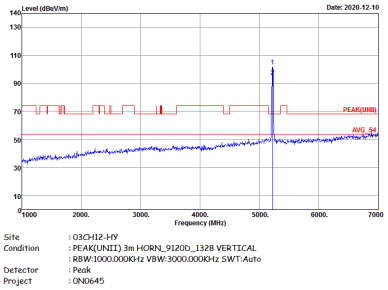
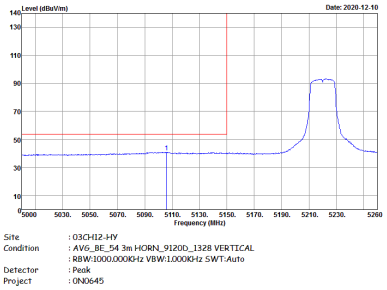
WIFI 802.11n HT20 (Band Edge @ 3m)

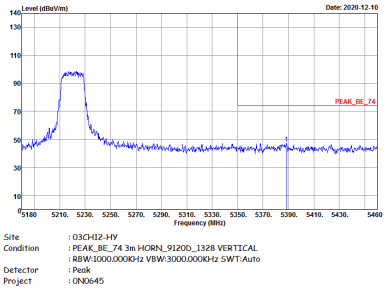
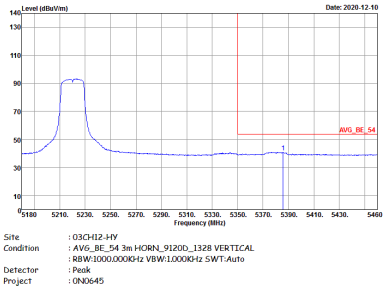
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

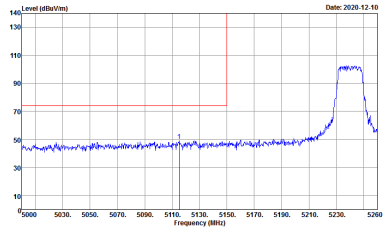
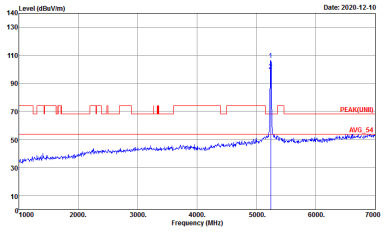
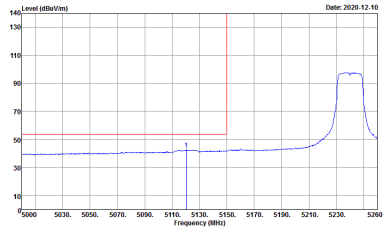
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

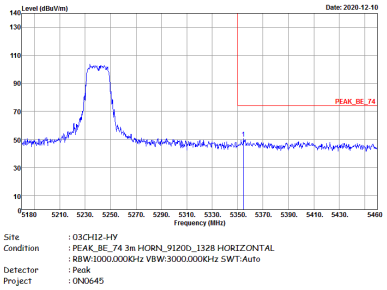
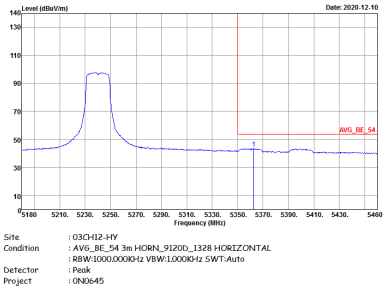
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

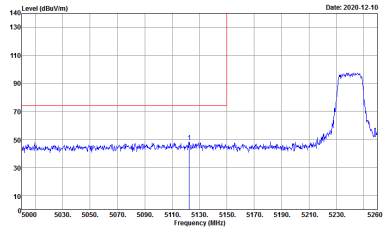
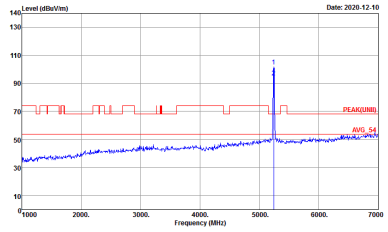
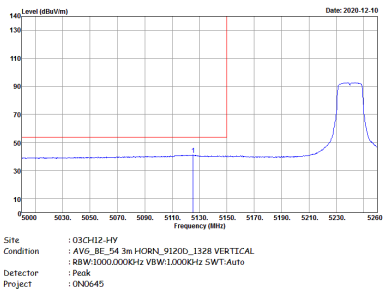
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

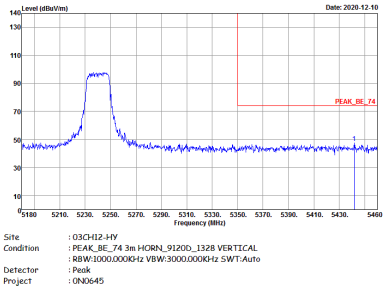
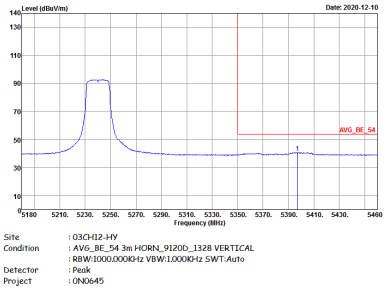
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

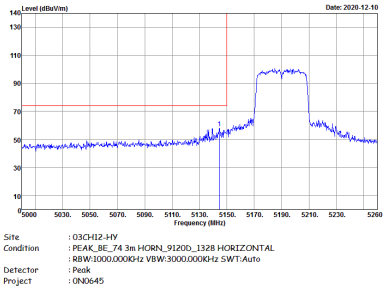
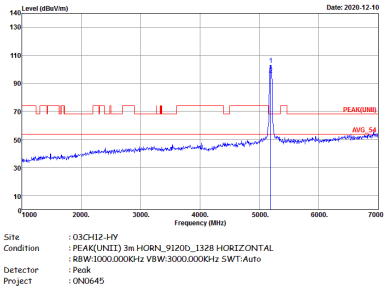
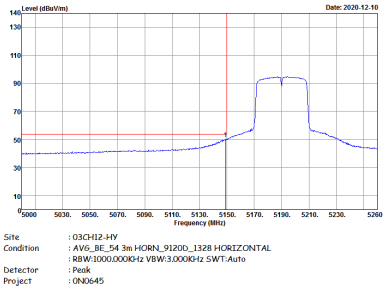
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

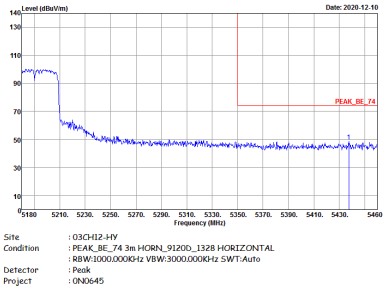
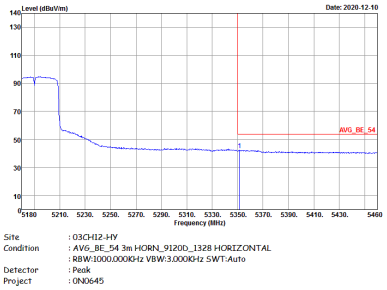
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

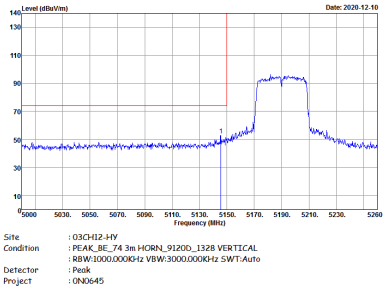
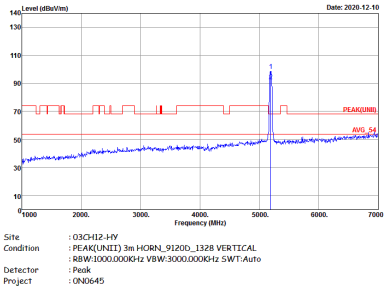
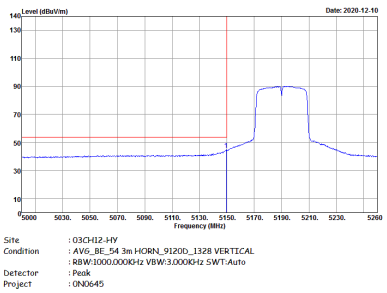
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

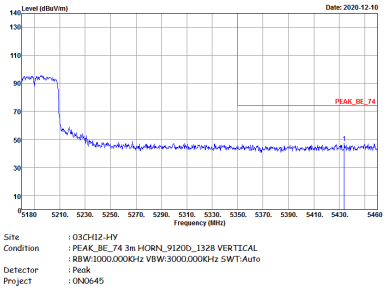
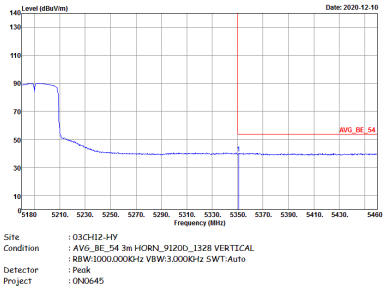
Band 1 5150~5250MHz

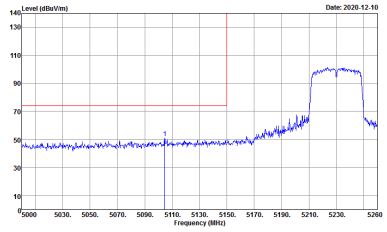
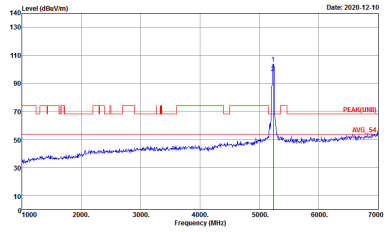
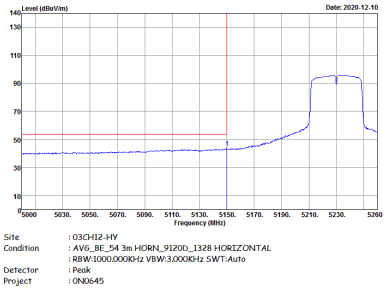
WIFI 802.11n HT40 (Band Edge @ 3m)

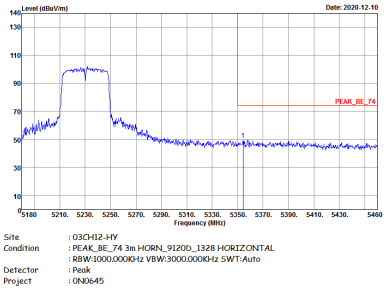
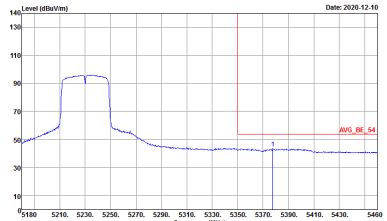
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

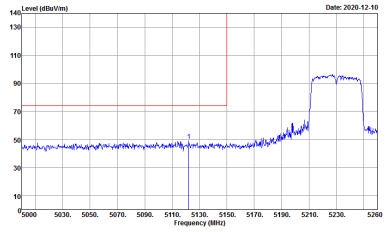
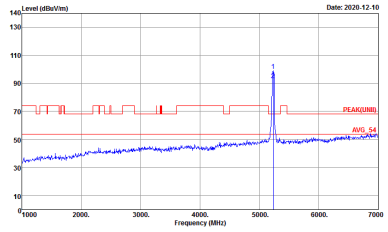
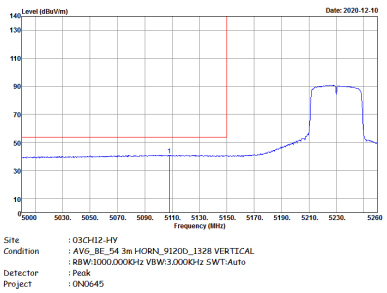
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

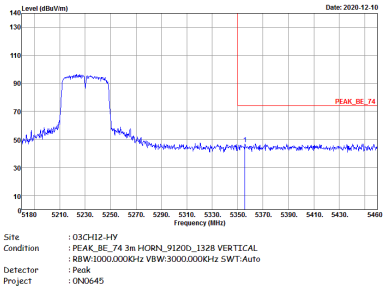
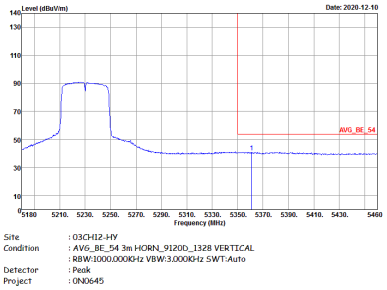
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

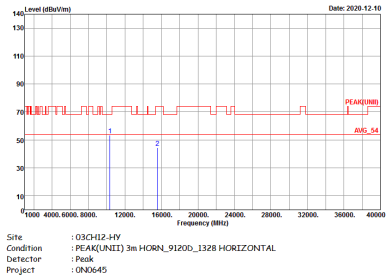
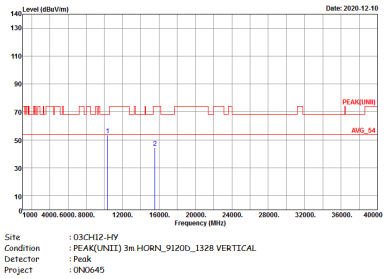
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

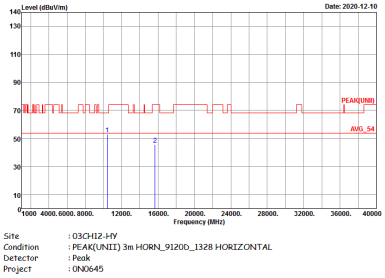
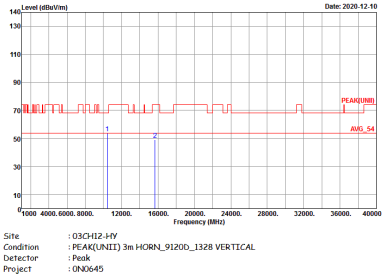
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

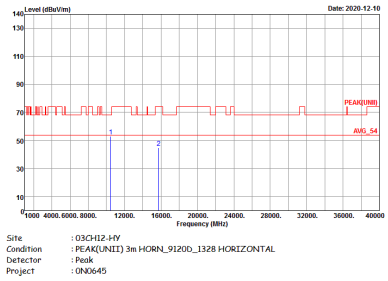
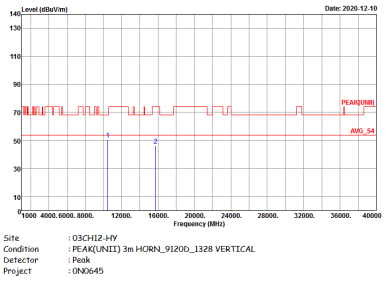
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

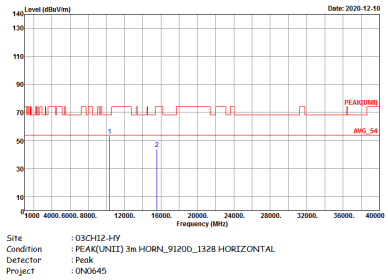
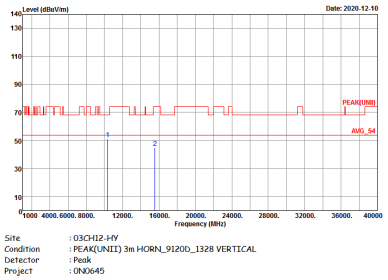
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

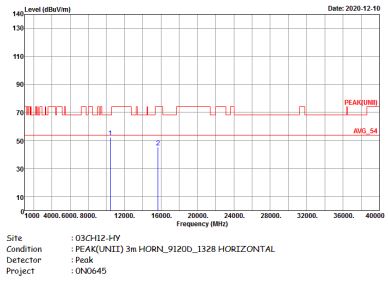
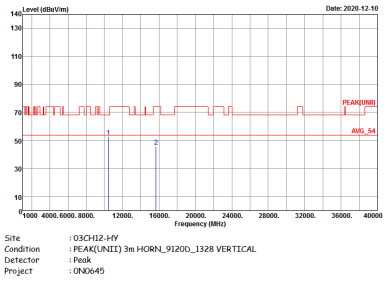
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.		

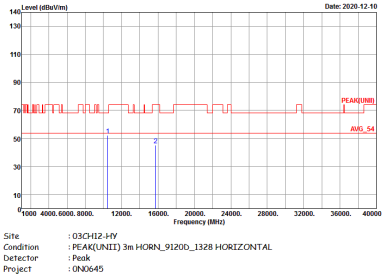
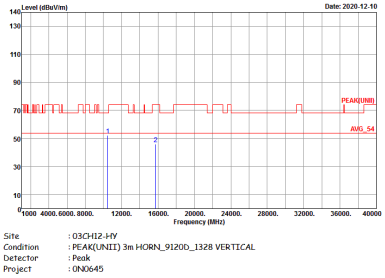
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

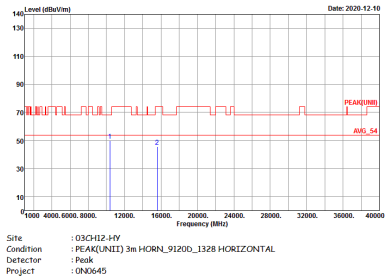
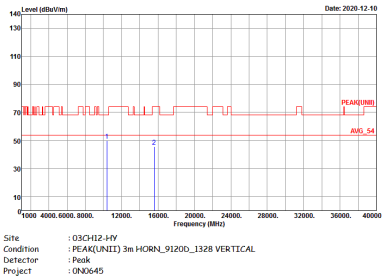
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

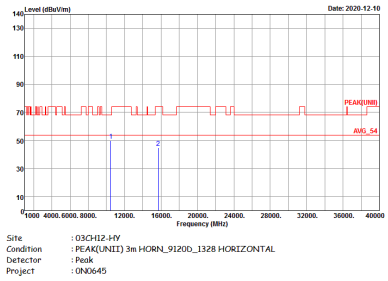
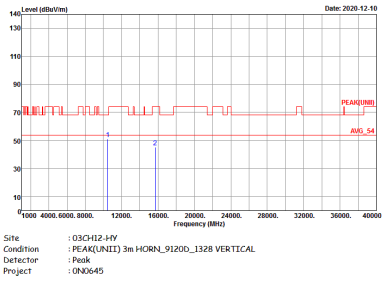
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.		

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

Band 1 5150~5250MHz

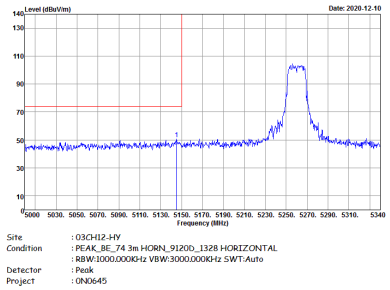
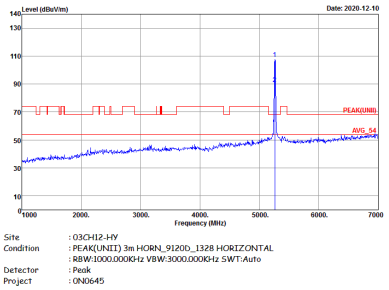
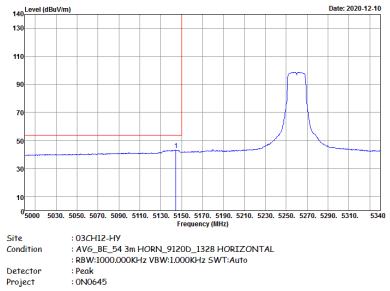
WIFI 802.11n HT40 (Harmonic @ 3m)

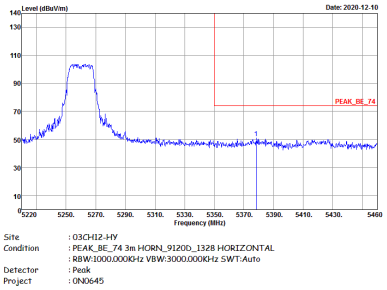
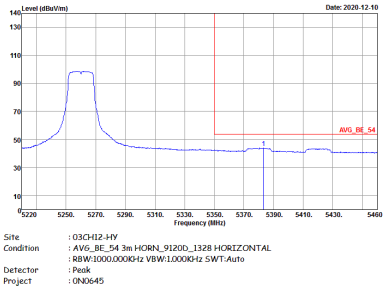
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

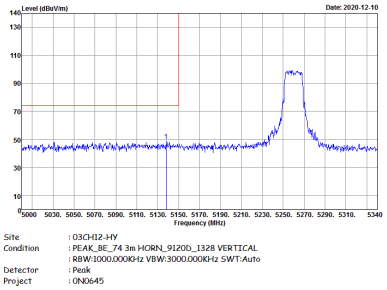
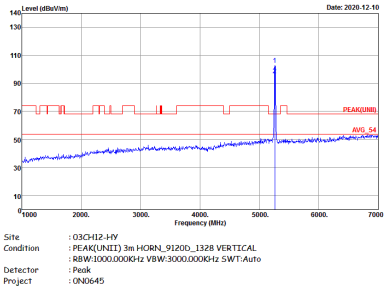
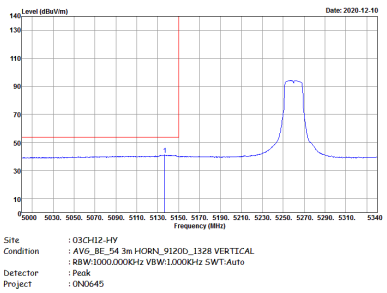
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.		

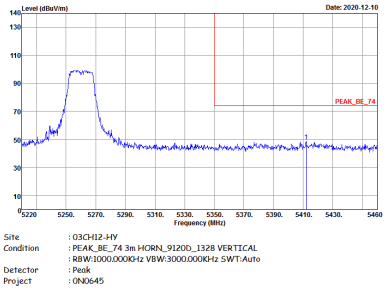
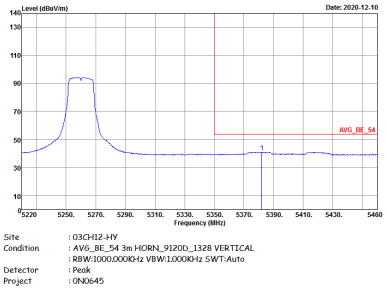
Band 2 - 5250~5350MHz

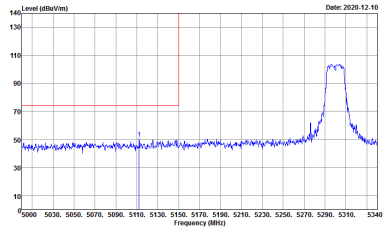
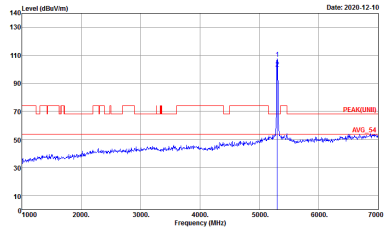
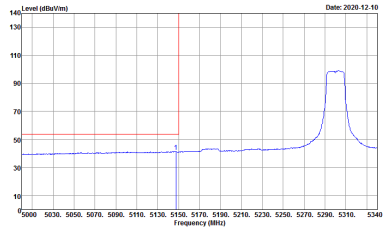
WIFI 802.11a (Band Edge @ 3m)

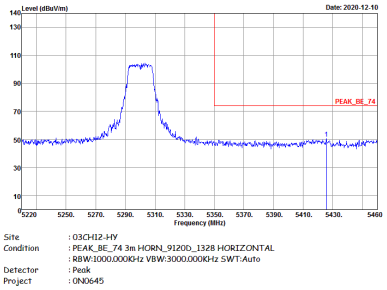
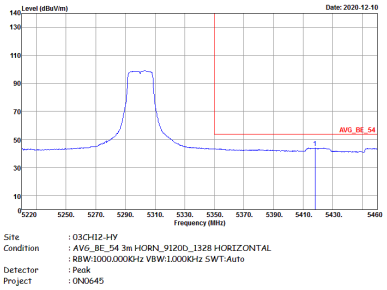
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

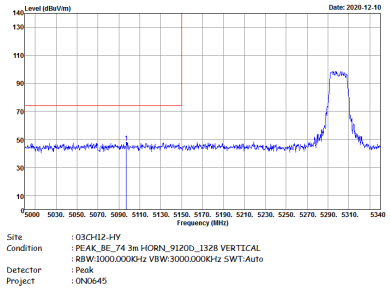
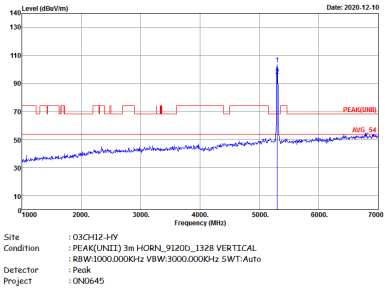
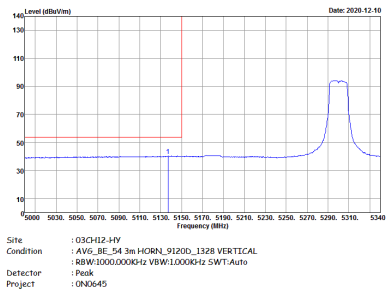
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

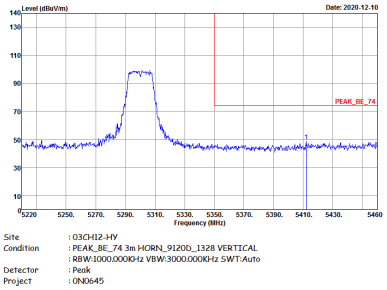
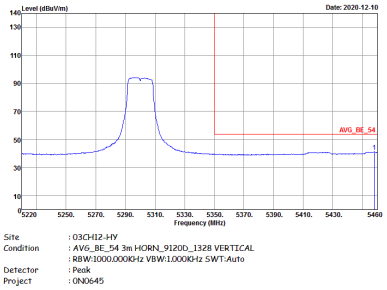
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

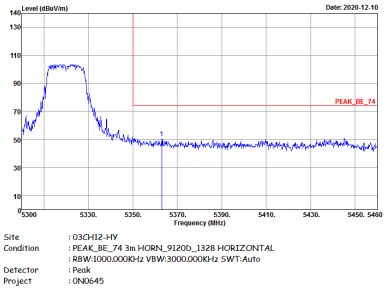
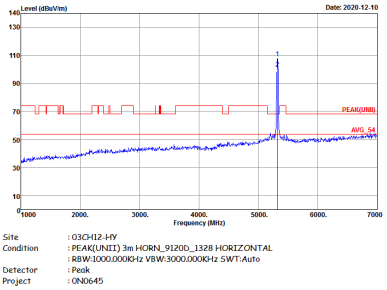
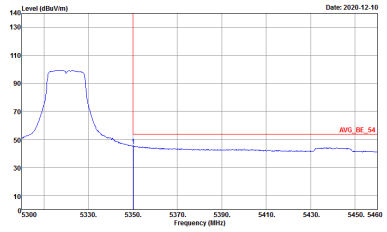
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

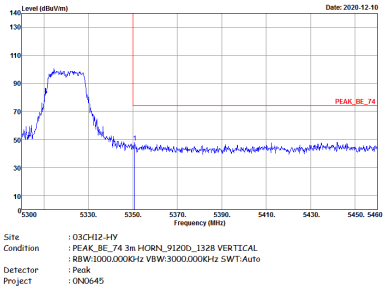
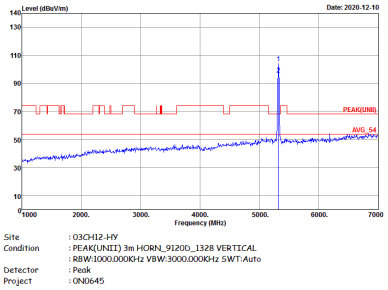
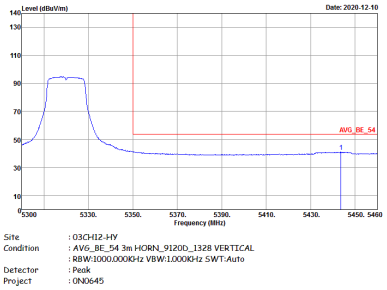
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

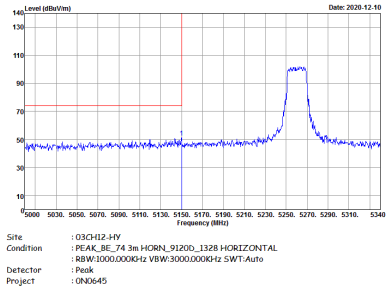
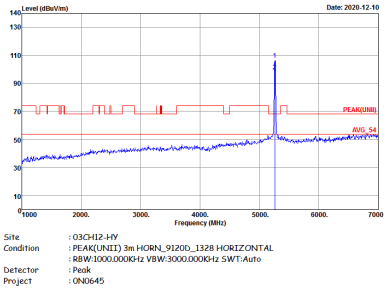
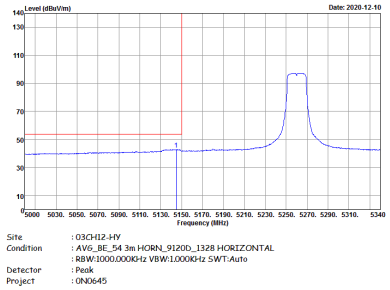
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

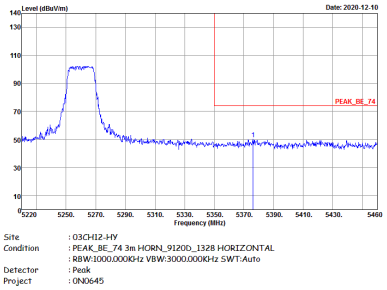
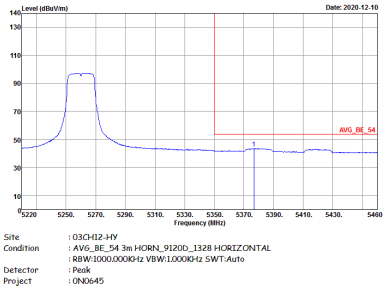
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

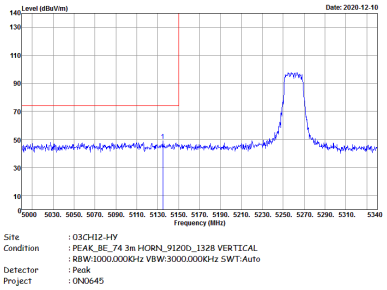
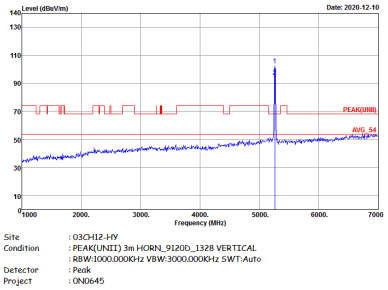
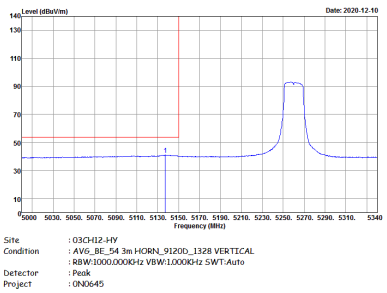
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

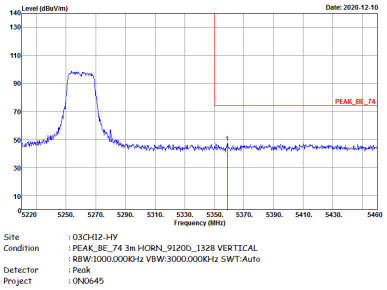
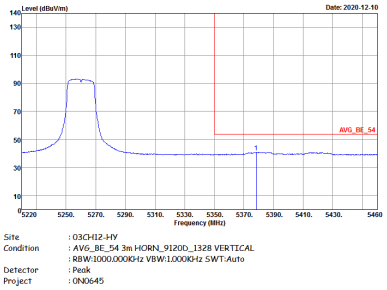
Band 2 5250~5350MHz

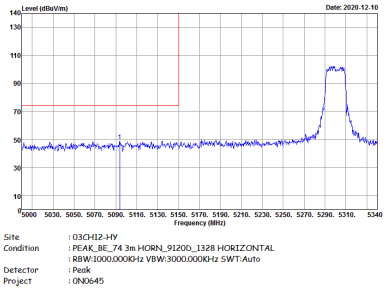
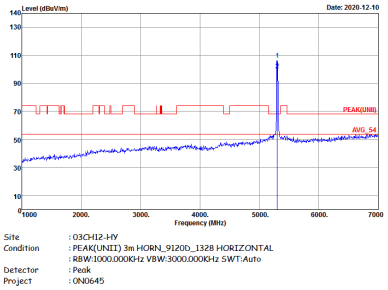
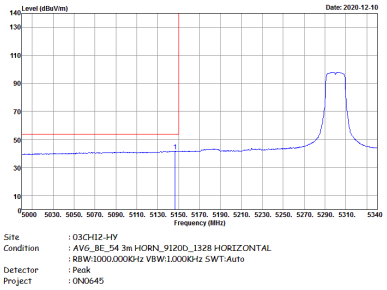
WIFI 802.11n HT20 (Band Edge @ 3m)

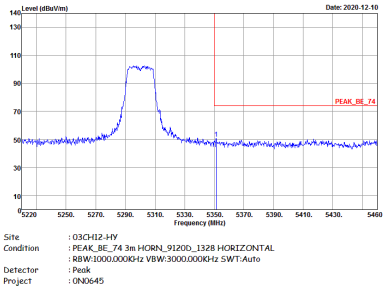
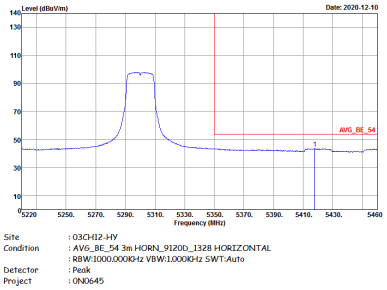
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

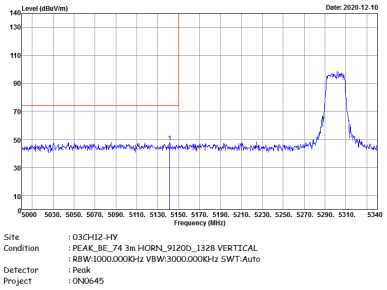
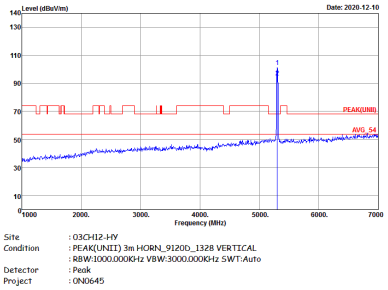
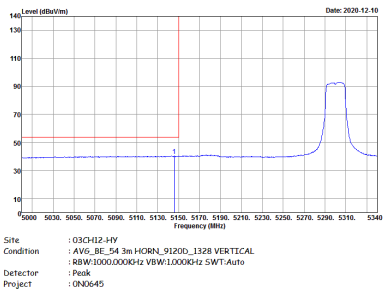
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

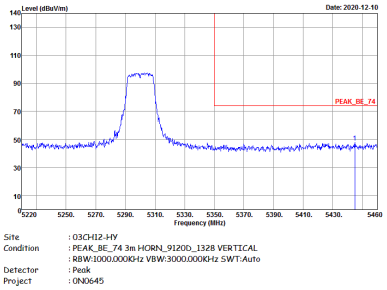
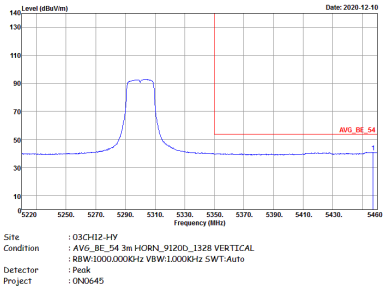
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

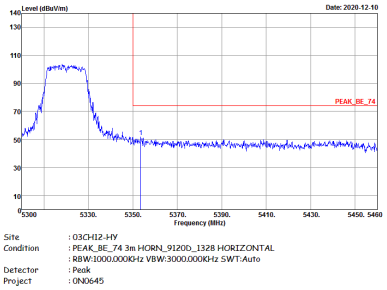
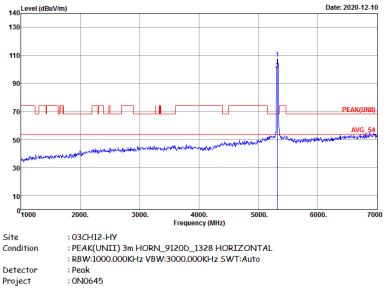
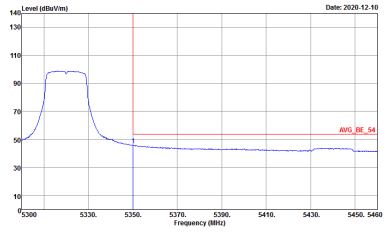
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

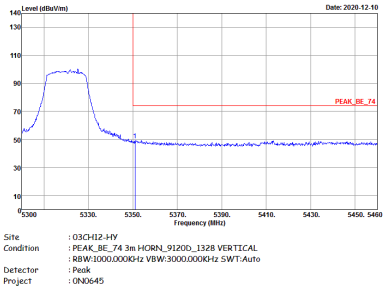
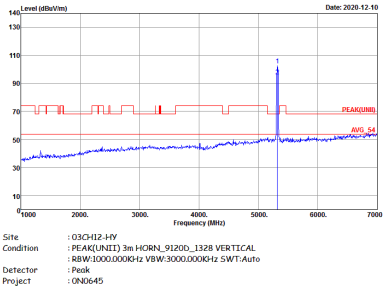
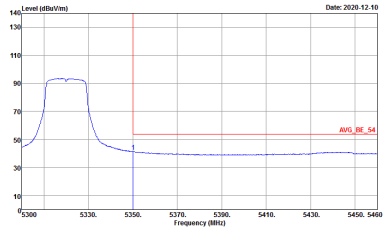
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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		
Avg.		Left blank

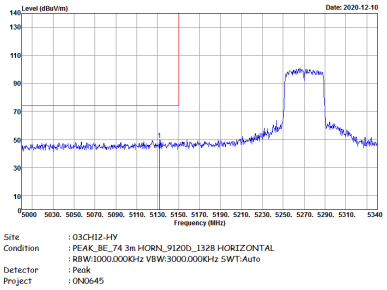
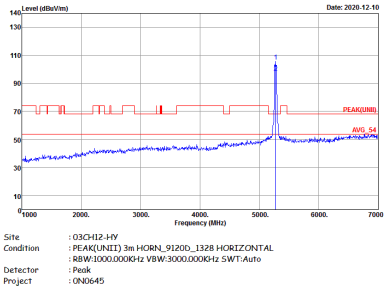
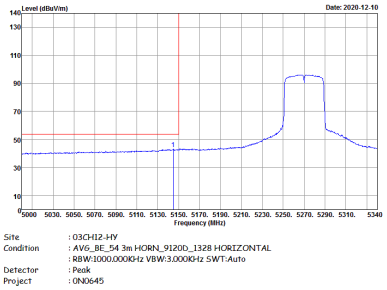
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

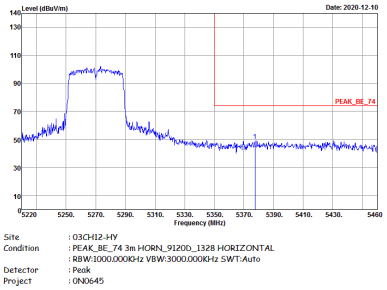
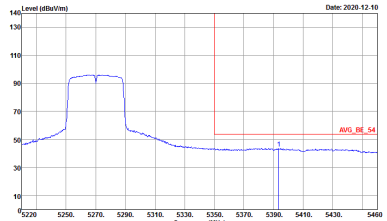
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

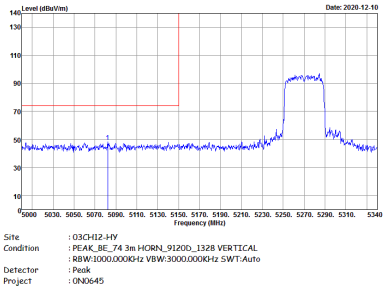
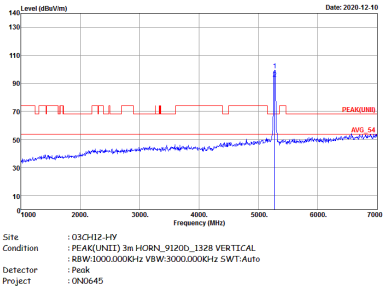
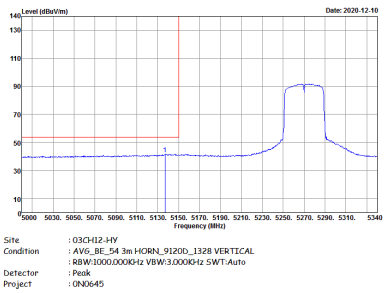
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

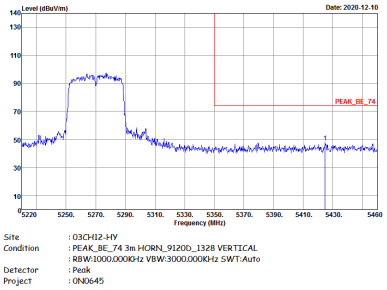
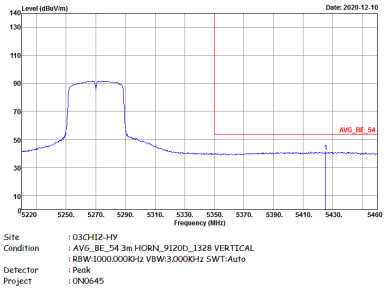
Band 2 5250~5350MHz

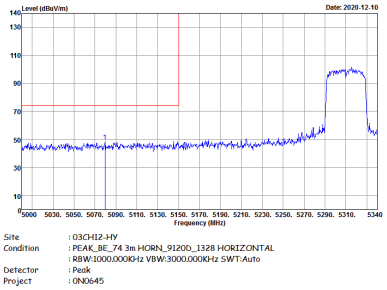
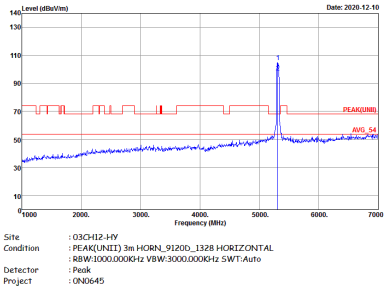
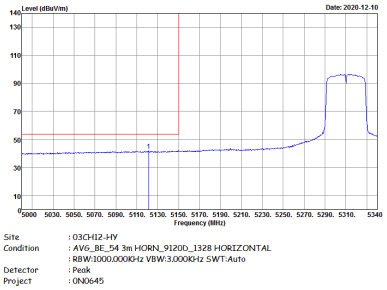
WIFI 802.11n HT40 (Band Edge @ 3m)

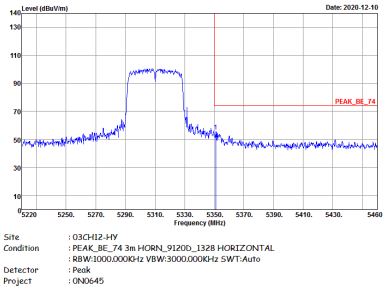
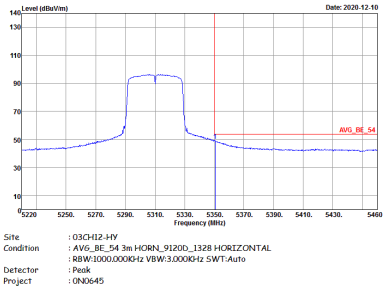
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

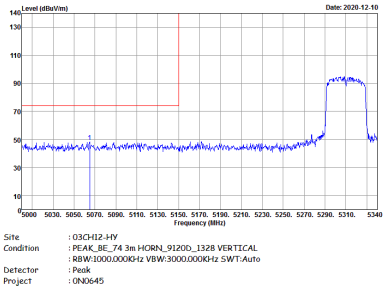
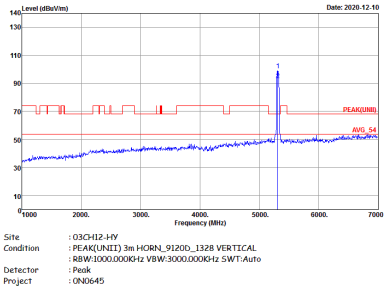
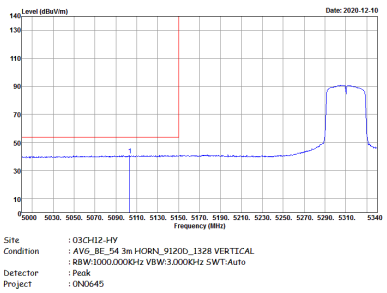
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

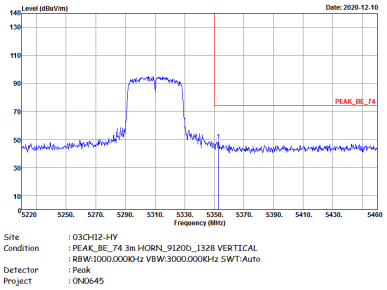
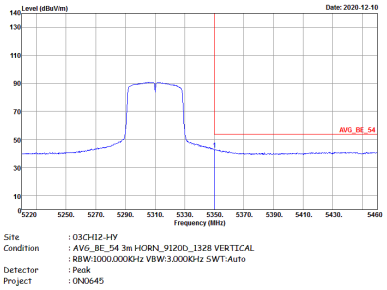
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak		
Avg.		Left blank

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

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

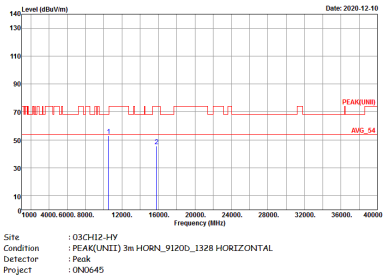
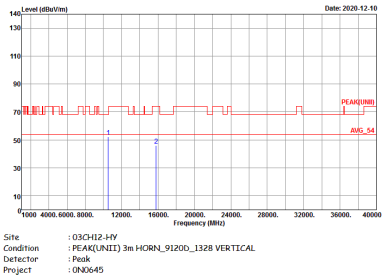
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

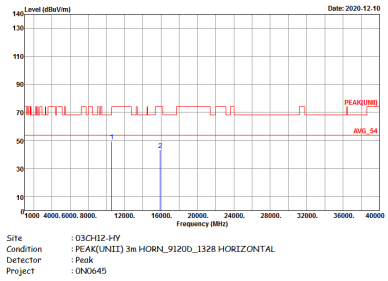
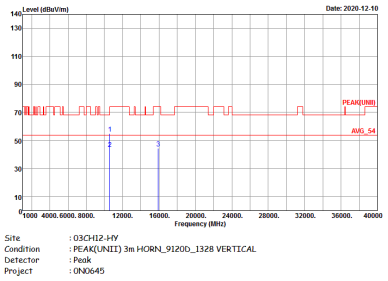
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

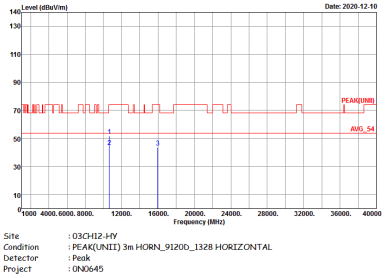
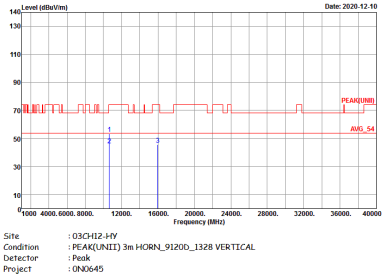
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

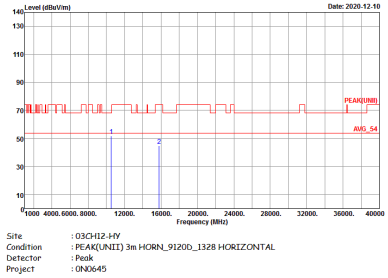
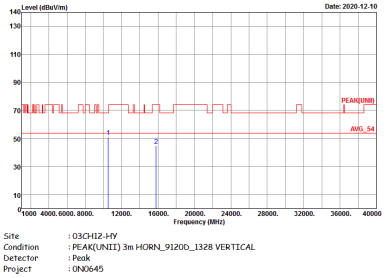
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

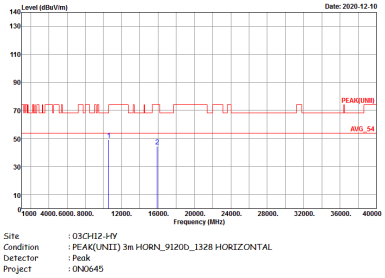
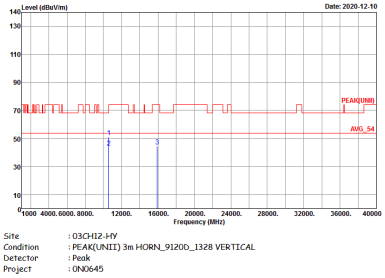
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.		

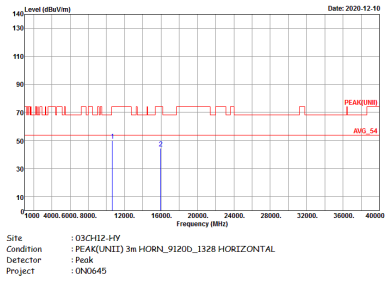
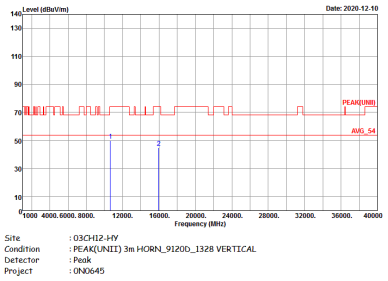
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

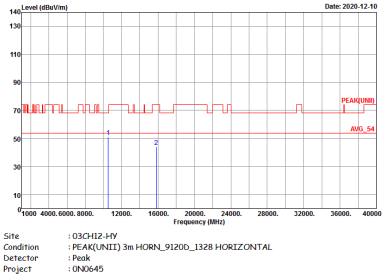
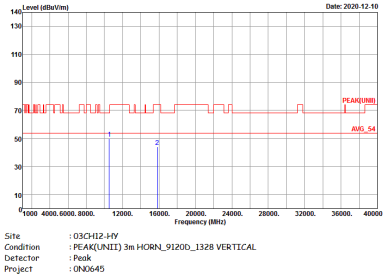
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

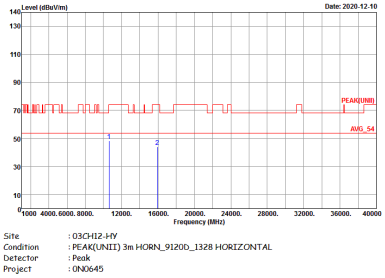
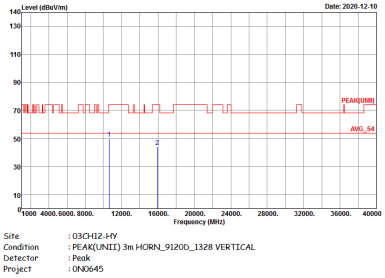
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.		

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

Band 2 5250~5350MHz

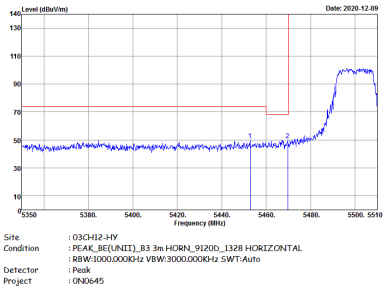
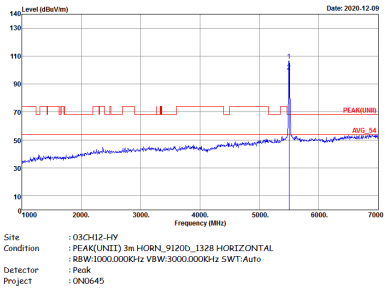
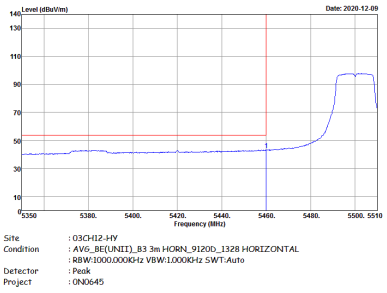
WIFI 802.11n HT40 (Harmonic @ 3m)

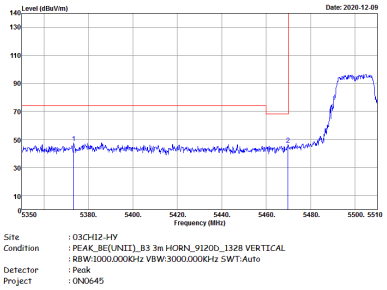
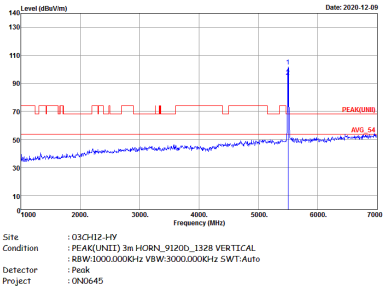
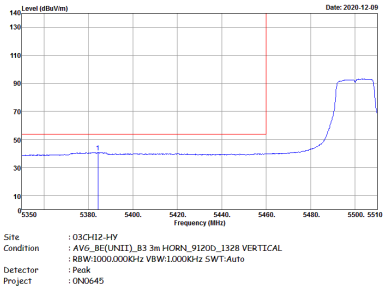
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.		

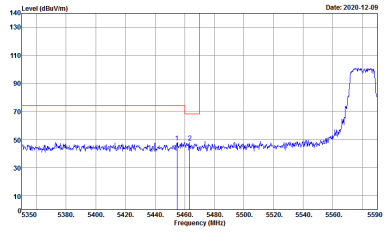
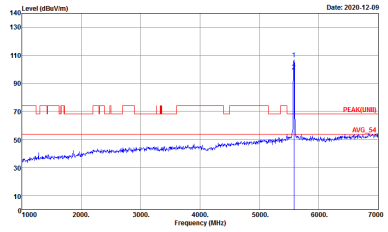
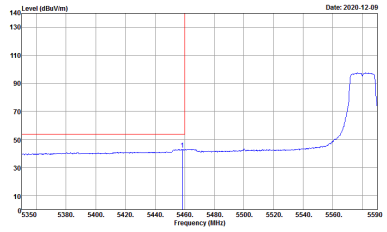
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.		

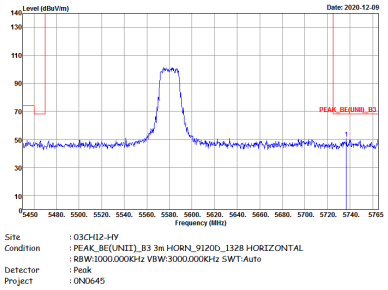
Band 3 - 5470~5725MHz

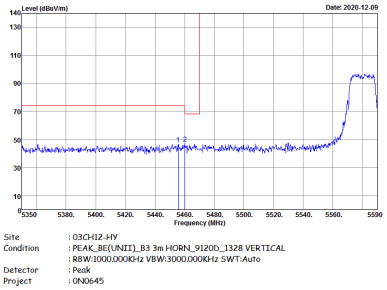
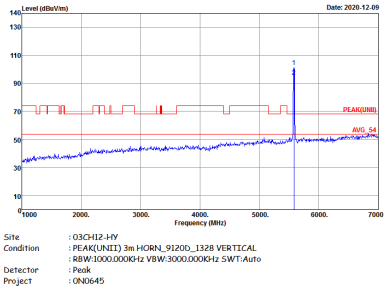
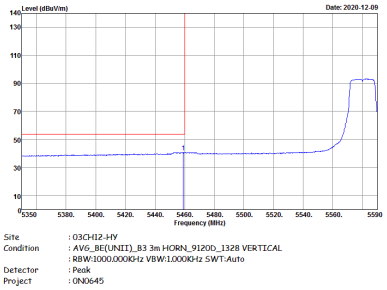
WIFI 802.11a (Band Edge @ 3m)

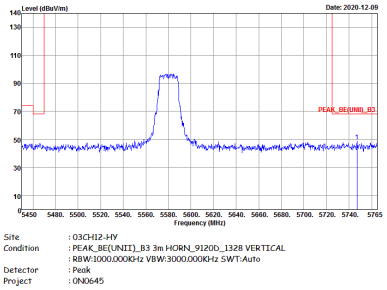
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

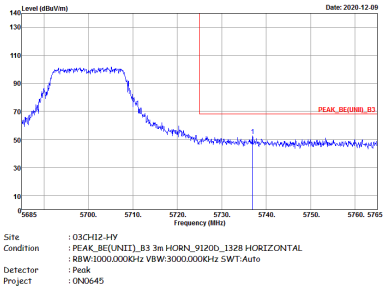
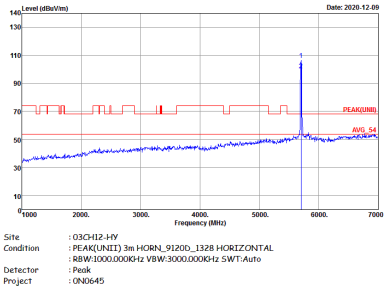
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

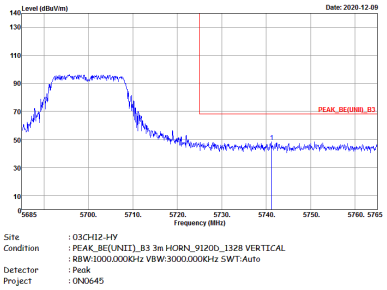
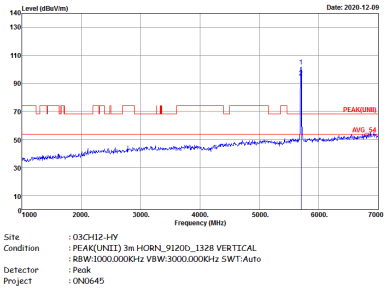
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

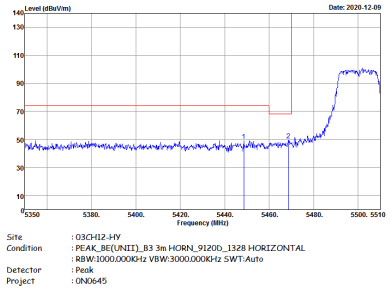
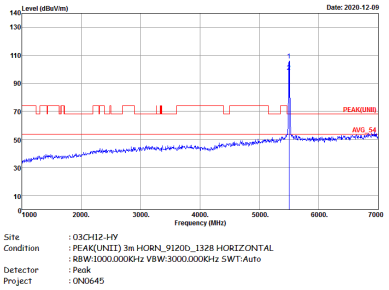
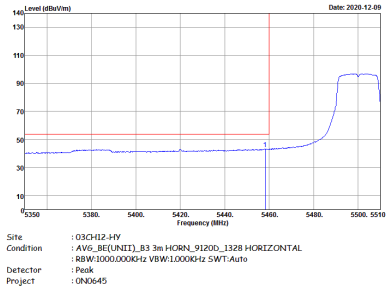
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

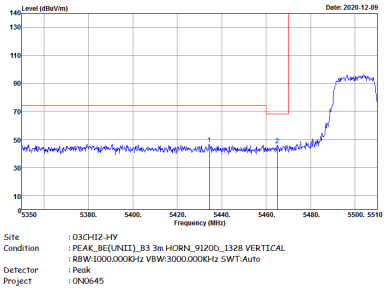
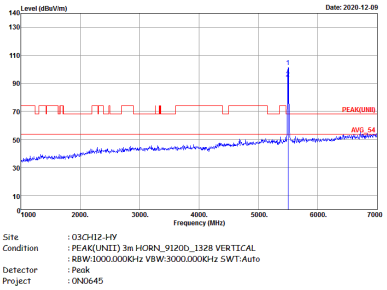
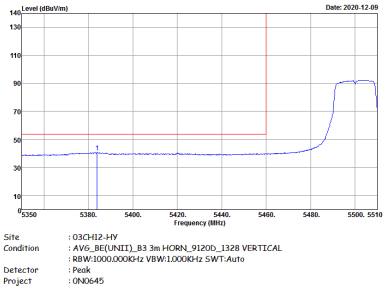
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

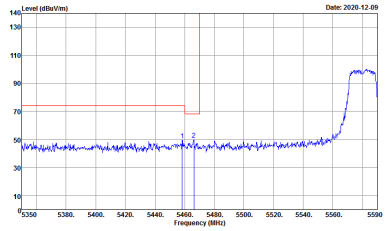
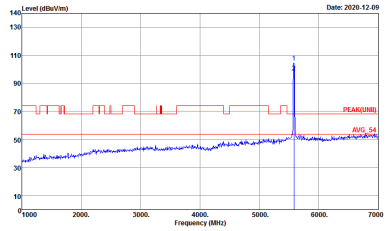
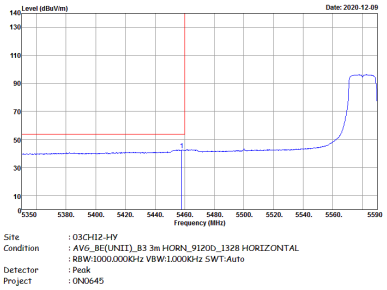
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak		

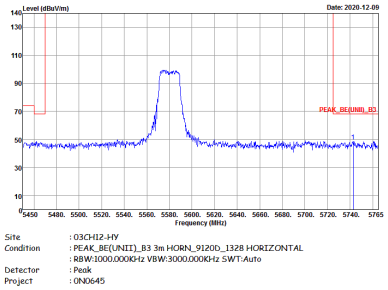
Band 3 5470~5725MHz

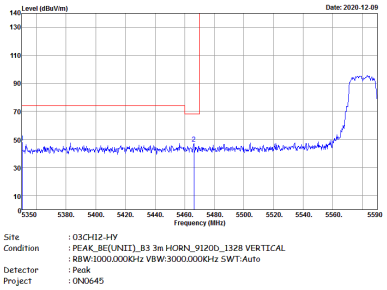
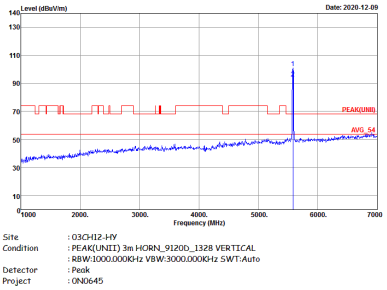
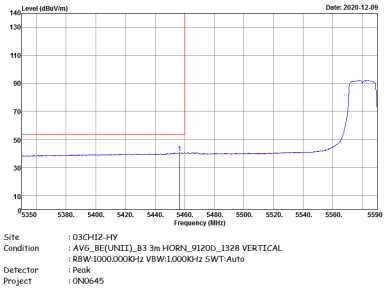
WIFI 802.11n HT20 (Band Edge @ 3m)

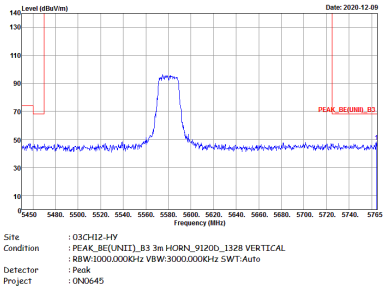
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

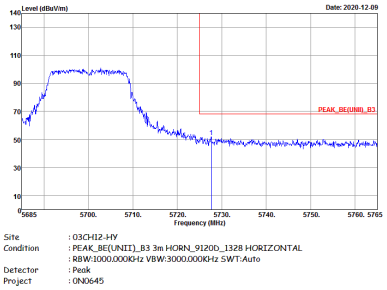
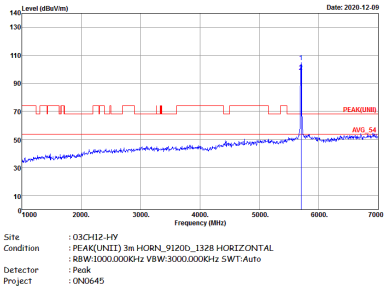
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

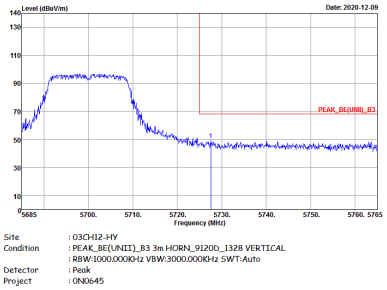
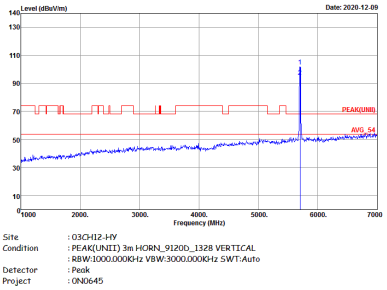
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

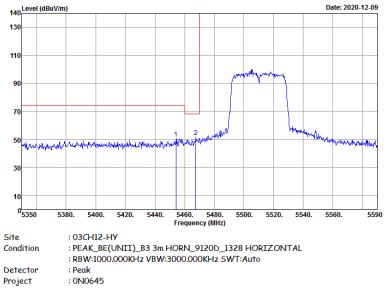
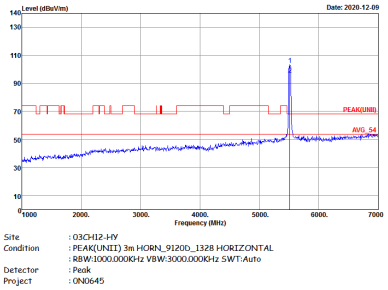
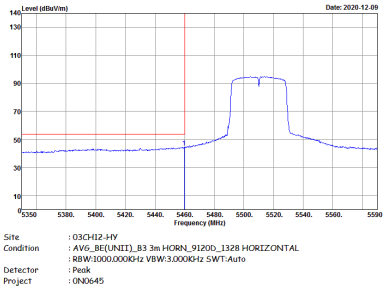
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

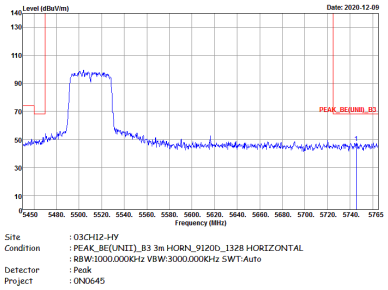
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

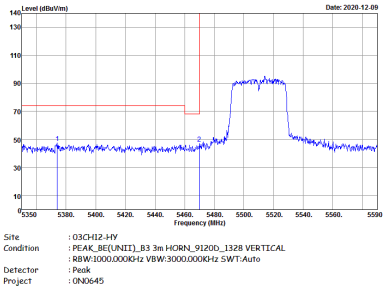
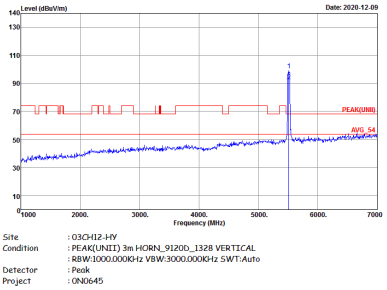
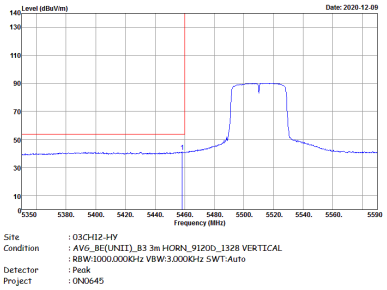
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.		

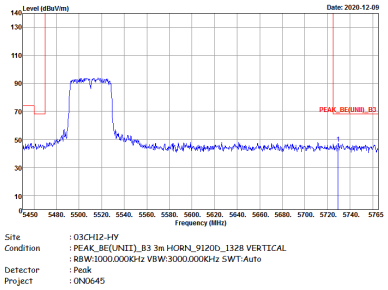
Band 3 5470~5725MHz

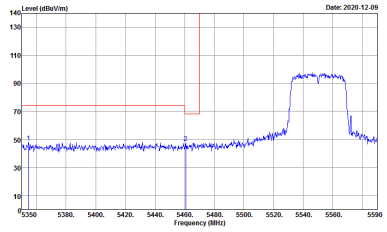
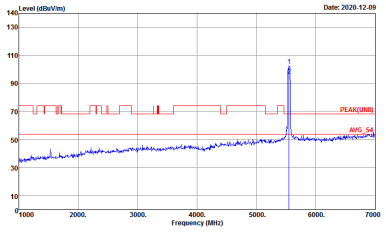
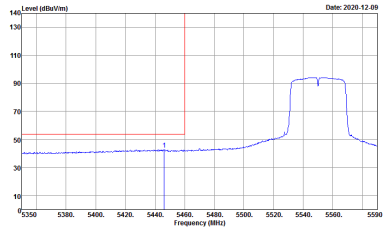
WIFI 802.11n HT40 (Band Edge @ 3m)

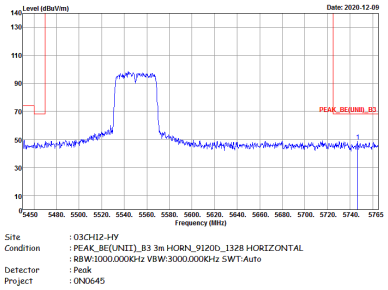
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

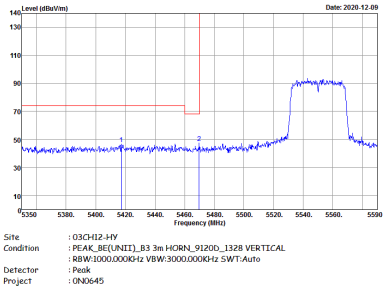
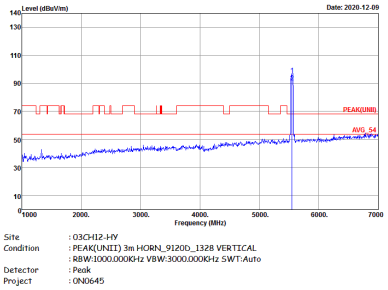
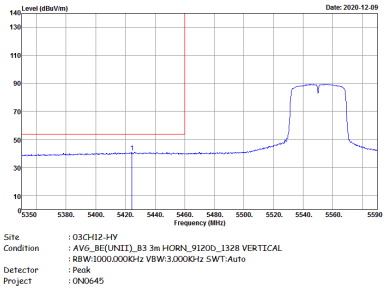
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

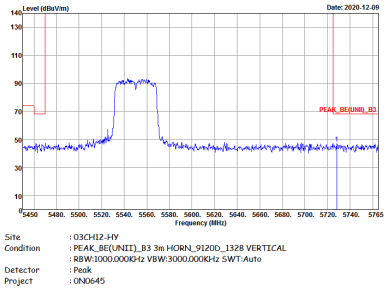
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

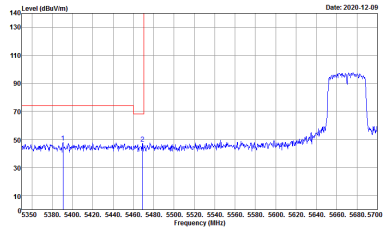
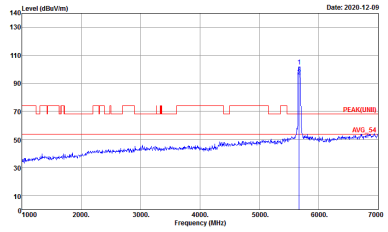
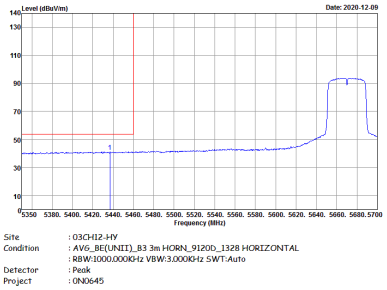
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak		Left blank

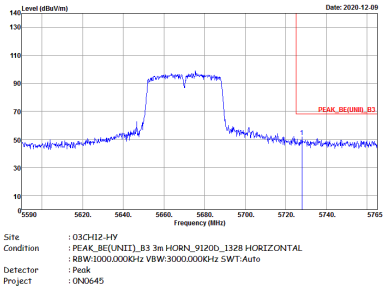
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645
Avg.	 Site : 03CH12-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

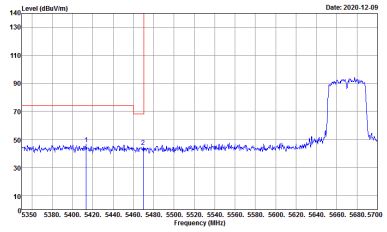
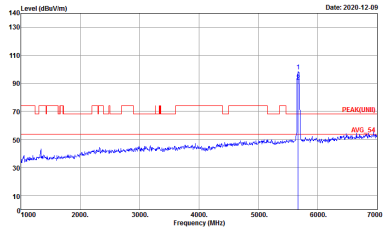
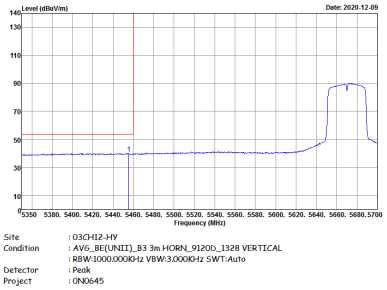
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

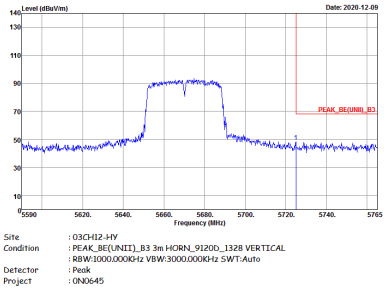
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

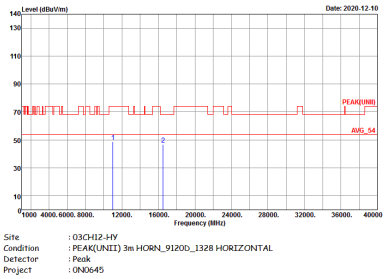
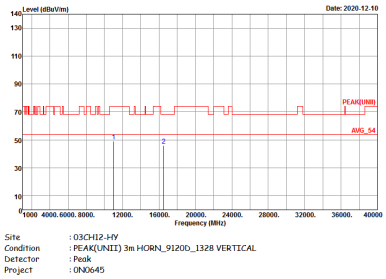
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	Left blank

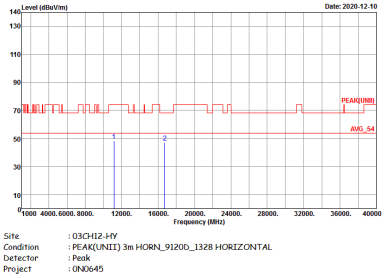
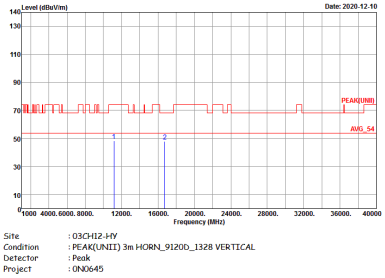
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0N0645	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.