

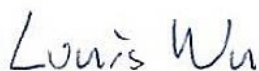


FCC RADIO TEST REPORT

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.



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.)



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History of this test report

Report No.	Version	Description	Issued Date
FR0N0645D	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)	6dB & 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 1.41 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: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, 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		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	2.1

Dipole Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	5.0

PIFA Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	5.0

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, Sample 2 with Dipole Antenna, Sample 3 with Dipole Antenna, Sample 3 with PIFA Antenna; Ant. Vertical for Sample 2 with PIFA Antenna) 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)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	-	-	165	5825

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.

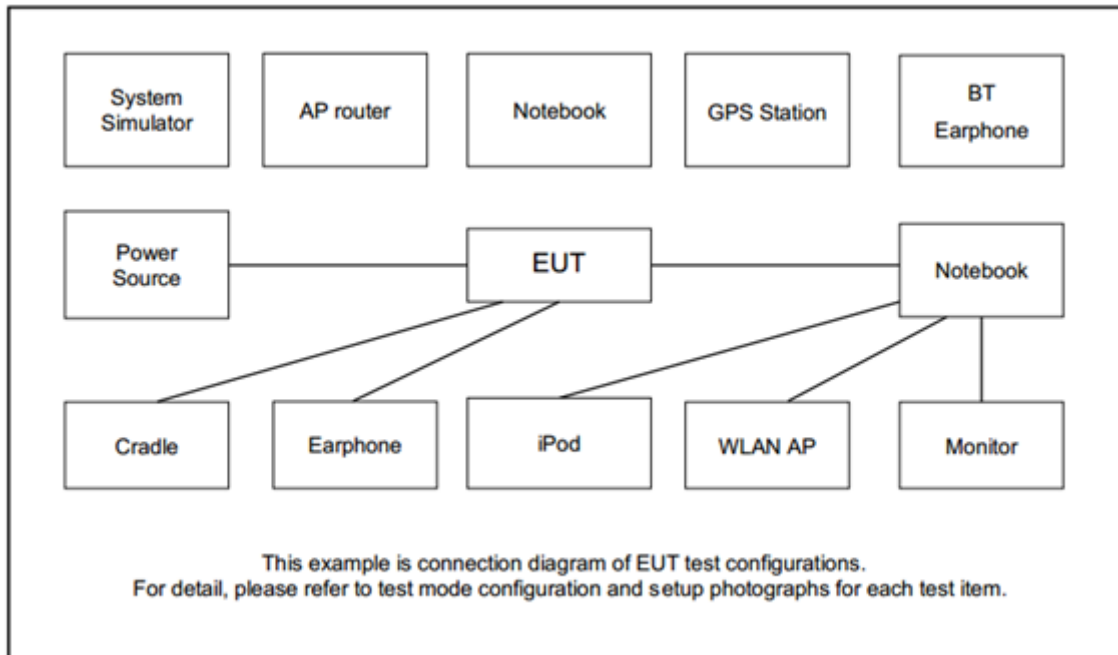
Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0

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 IV : 5725-5850 MHz		
		802.11a	802.11n HT20	802.11n HT40
L	Low	149	149	151
M	Middle	157	157	-
H	High	165	165	159

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	N/A	Unshielded, 1.8 m
2.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
3.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
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.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

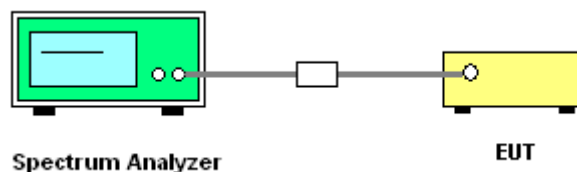
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

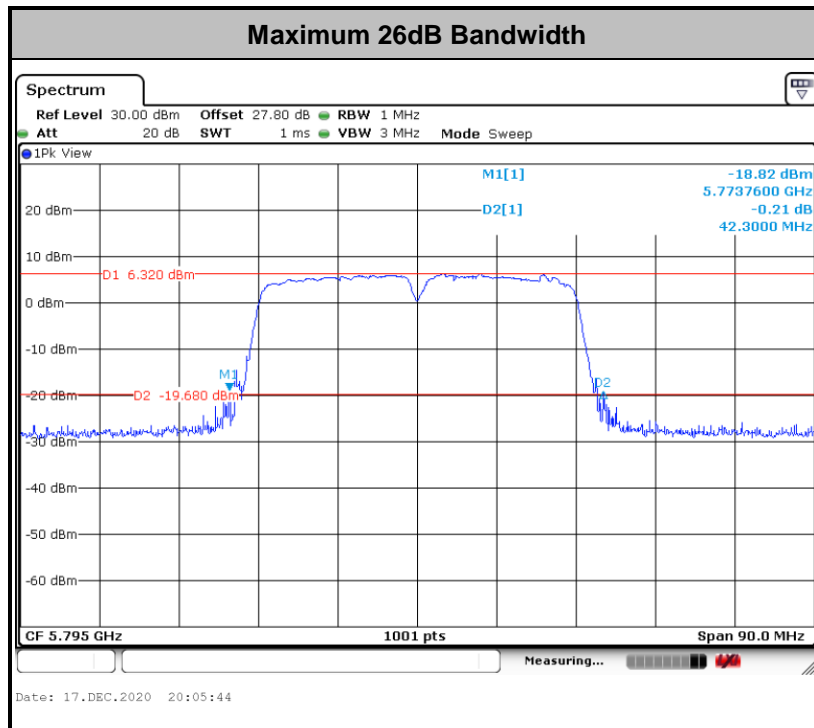
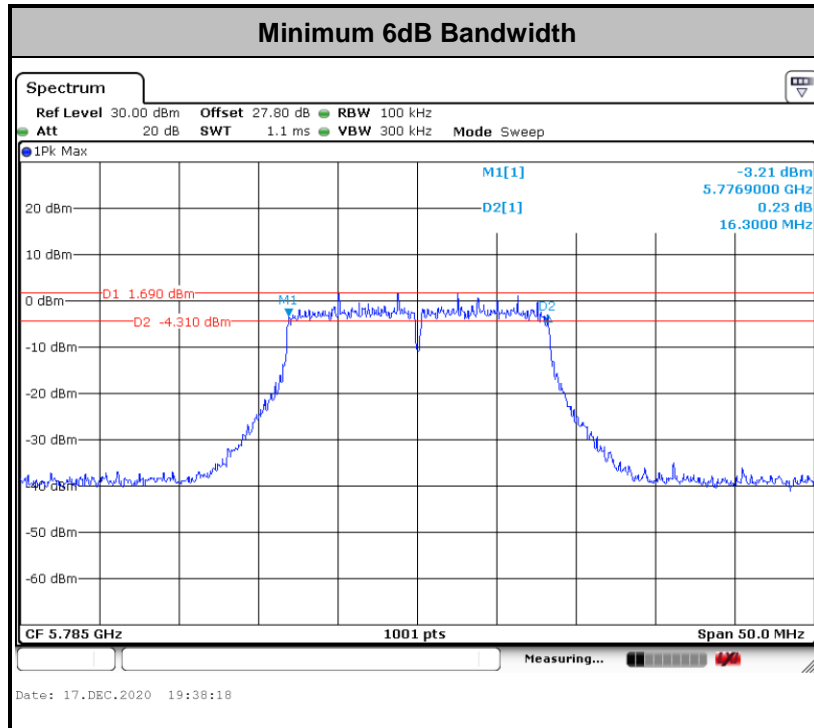
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section C) Emission bandwidth for the band 5.725-5.85GHz
2. Set RBW = 100kHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

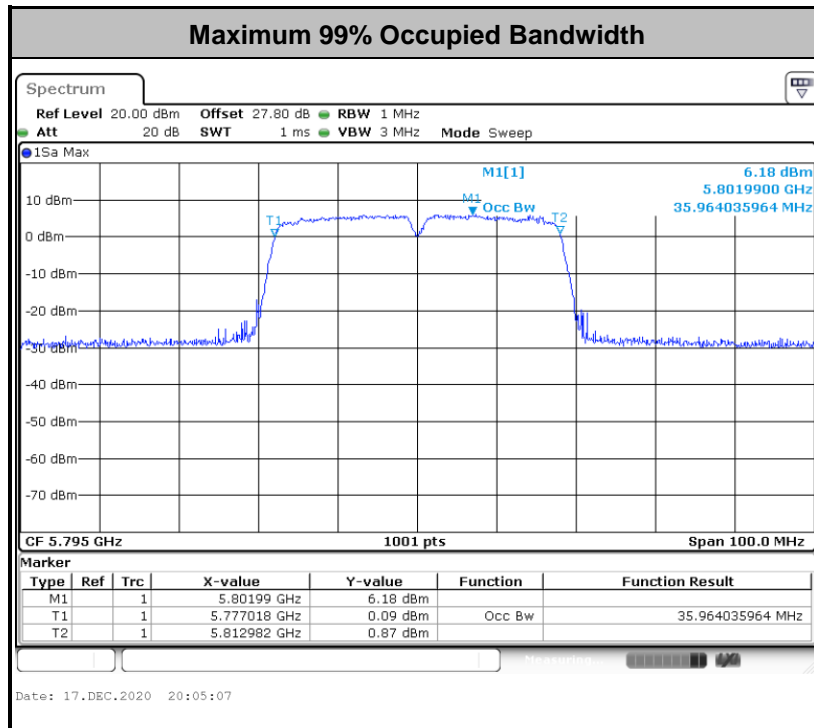
3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.





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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

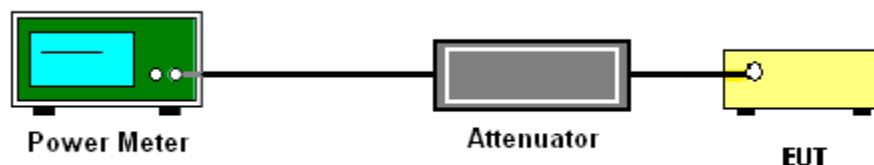
3.2.3 Test Procedures

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

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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

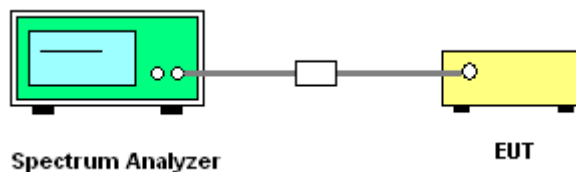
The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F) Maximum power spectral density.

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 \geq 3 MHz.
 - Number of points in sweep \geq 2 Span / RBW.
 - Sweep time \leq (number of points in sweep) \times 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.

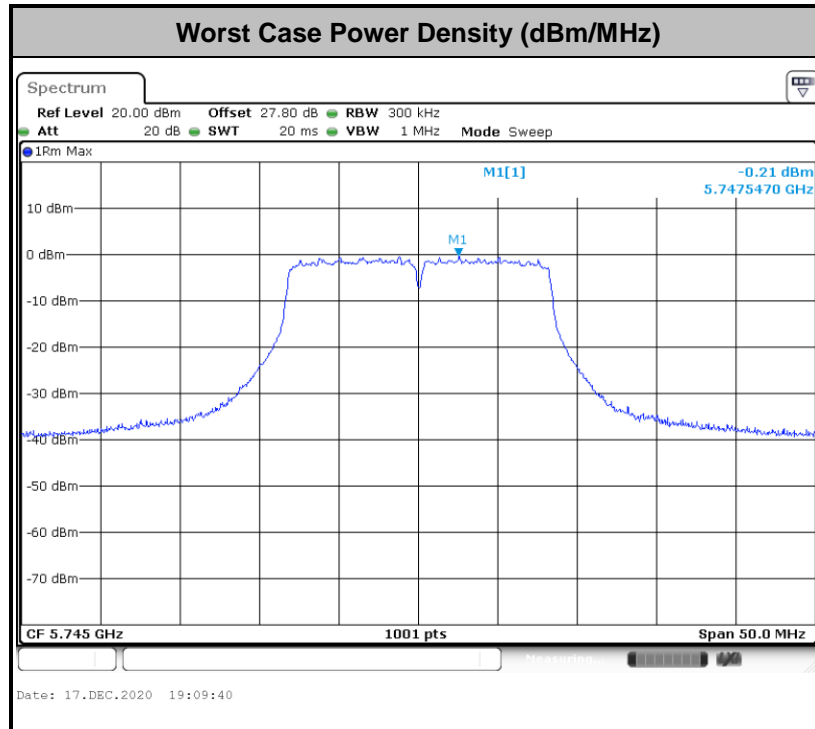
3.3.4 Test Setup





3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (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.

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

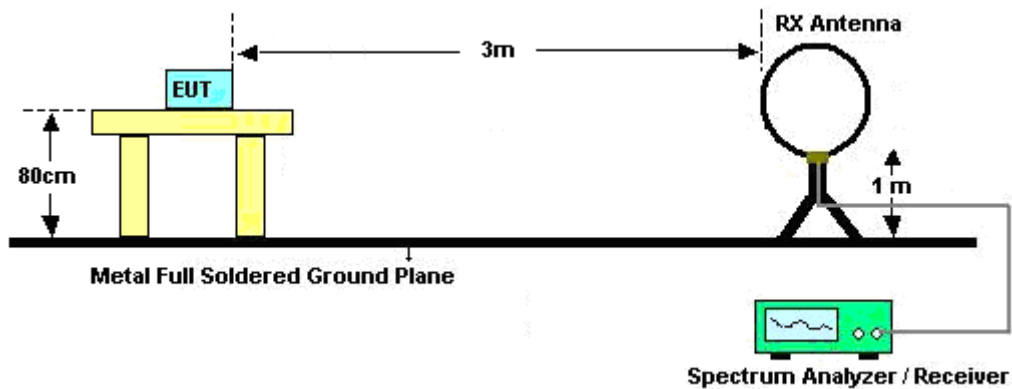
3.4.3 Test Procedures

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 \geq 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 \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.

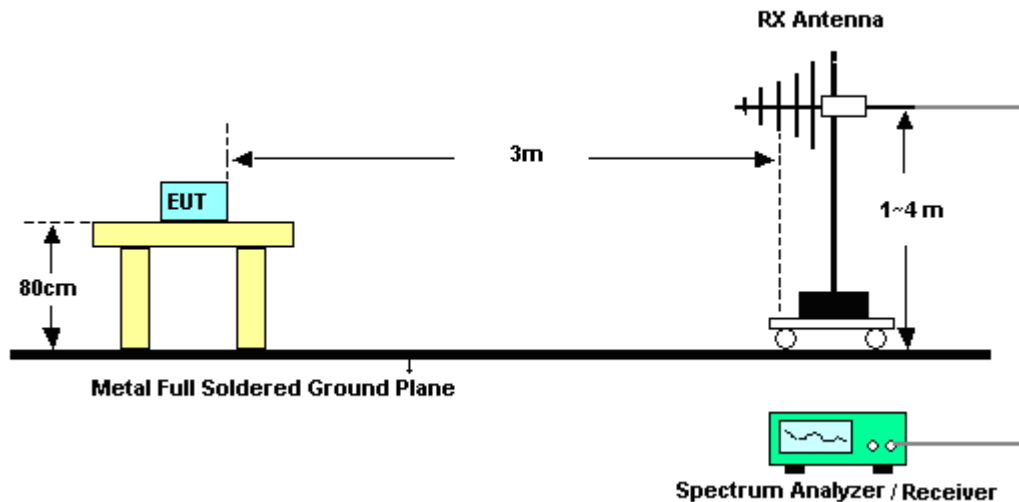
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

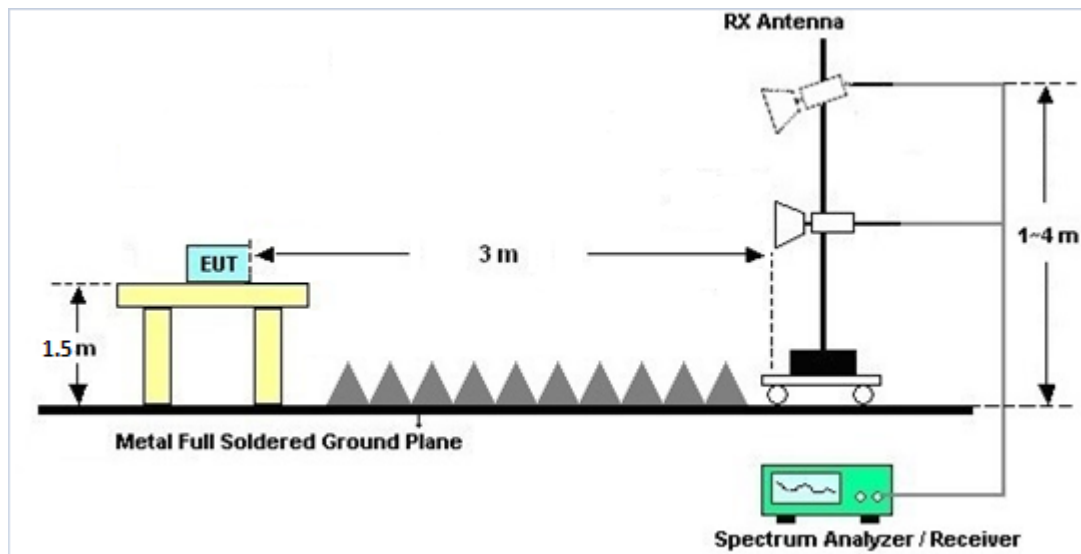
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated test above 1GHz



3.4.5 Test Results of Radiated 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 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 Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

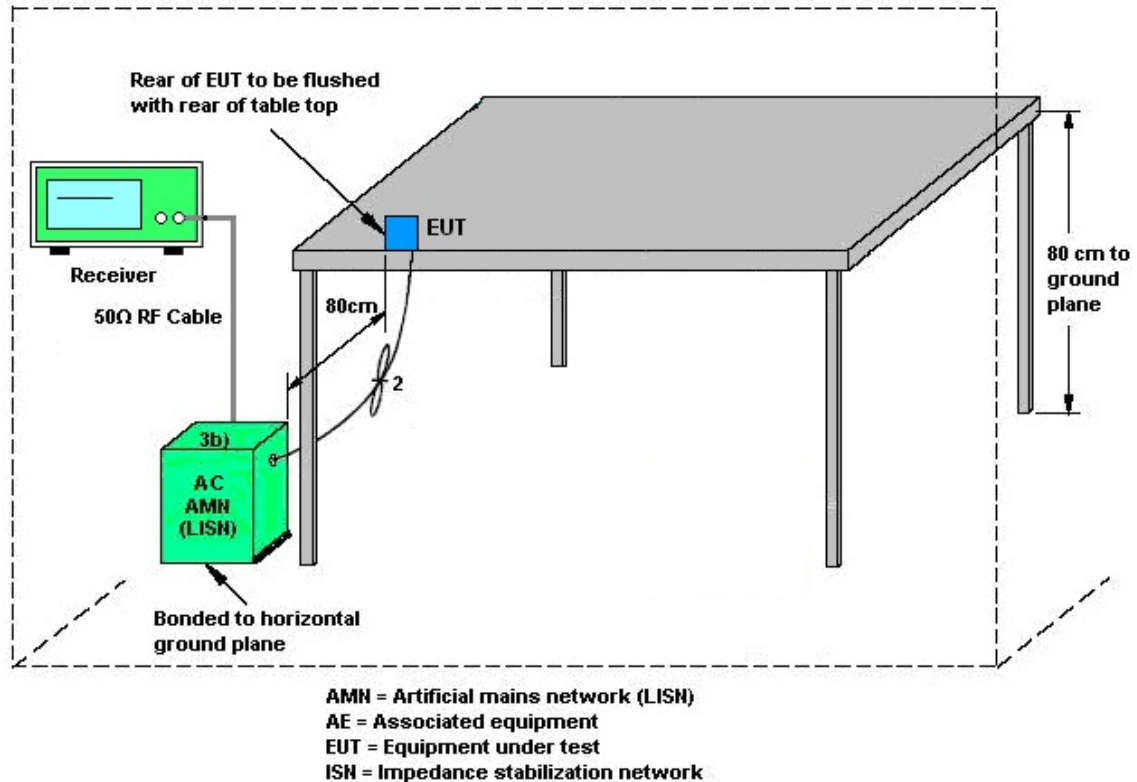
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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



3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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



4 List of Measuring Equipment

Instrument	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	SW20030 2	N/A	Mar. 17, 2020	Nov. 25, 2020~ Dec. 17, 2020	Mar. 16, 2021	Conducted (TH05-HY)
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 & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 29, 2020	Dec. 01, 2020~ Dec. 15, 2020	Apr. 28, 2021	Radiation (03CH12-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-13 28	1GHz~18GHz	Nov. 23, 2020	Dec. 01, 2020~ Dec. 15, 2020	Nov. 22, 2021	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	BBHA917 0576	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	MY572801 20	1GHz~26.5GHz	Jul. 20, 2020	Dec. 01, 2020~ Dec. 15, 2020	Jul. 19, 2021	Radiation (03CH12-HY)
Preamplifier	Jet-Power	JPA0118-55-303K	17100018 00054002	1GHz~18GHz	Feb. 07, 2020	Dec. 01, 2020~ Dec. 15, 2020	Feb. 06, 2021	Radiation (03CH12-HY)
Preamplifier	Jet-Power	JPA0118-55-303	17100018 00055007	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	MY542004 85	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-00098 9	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	WHKX8-5872.5-6 750-18000-40ST	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
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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9
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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
6dB and 26dB EBW and 99% OBW

Band IV single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	149	5745	16.83	-	24.25	-	16.35	-	0.5	Pass
11a	6Mbps	1	157	5785	16.98	-	24.25	-	16.30	-	0.5	Pass
11a	6Mbps	1	165	5825	16.88	-	24.10	-	16.30	-	0.5	Pass
HT20	MCS0	1	149	5745	17.93	-	24.90	-	17.55	-	0.5	Pass
HT20	MCS0	1	157	5785	17.88	-	24.50	-	17.50	-	0.5	Pass
HT20	MCS0	1	165	5825	18.03	-	24.90	-	17.30	-	0.5	Pass
HT40	MCS0	1	151	5755	35.96	-	41.04	-	35.19	-	0.5	Pass
HT40	MCS0	1	159	5795	35.96	-	42.30	-	35.37	-	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV 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	149	5745	13.80	-		30.00	-	5.00	-	Pass
11a	6Mbps	1	157	5785	13.80	-		30.00	-	5.00	-	Pass
11a	6Mbps	1	165	5825	13.80	-		30.00	-	5.00	-	Pass
HT20	MCS0	1	149	5745	12.70	-		30.00	-	5.00	-	Pass
HT20	MCS0	1	157	5785	13.00	-		30.00	-	5.00	-	Pass
HT20	MCS0	1	165	5825	12.60	-		30.00	-	5.00	-	Pass
HT40	MCS0	1	151	5755	12.70	-		30.00	-	5.00	-	Pass
HT40	MCS0	1	159	5795	12.60	-		30.00	-	5.00	-	Pass

TEST RESULTS DATA
Power Spectral Density

Band IV single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	2.22	-	2.01	-		30.00	-	5.00	-	Pass
11a	6Mbps	1	157	5785	2.22	-	1.94	-		30.00	-	5.00	-	Pass
11a	6Mbps	1	165	5825	2.22	-	1.81	-		30.00	-	5.00	-	Pass
HT20	MCS0	1	149	5745	2.22	-	1.38	-		30.00	-	5.00	-	Pass
HT20	MCS0	1	157	5785	2.22	-	1.85	-		30.00	-	5.00	-	Pass
HT20	MCS0	1	165	5825	2.22	-	0.67	-		30.00	-	5.00	-	Pass
HT40	MCS0	1	151	5755	2.22	-	-2.03	-		30.00	-	5.00	-	Pass
HT40	MCS0	1	159	5795	2.22	-	-1.31	-		30.00	-	5.00	-	Pass



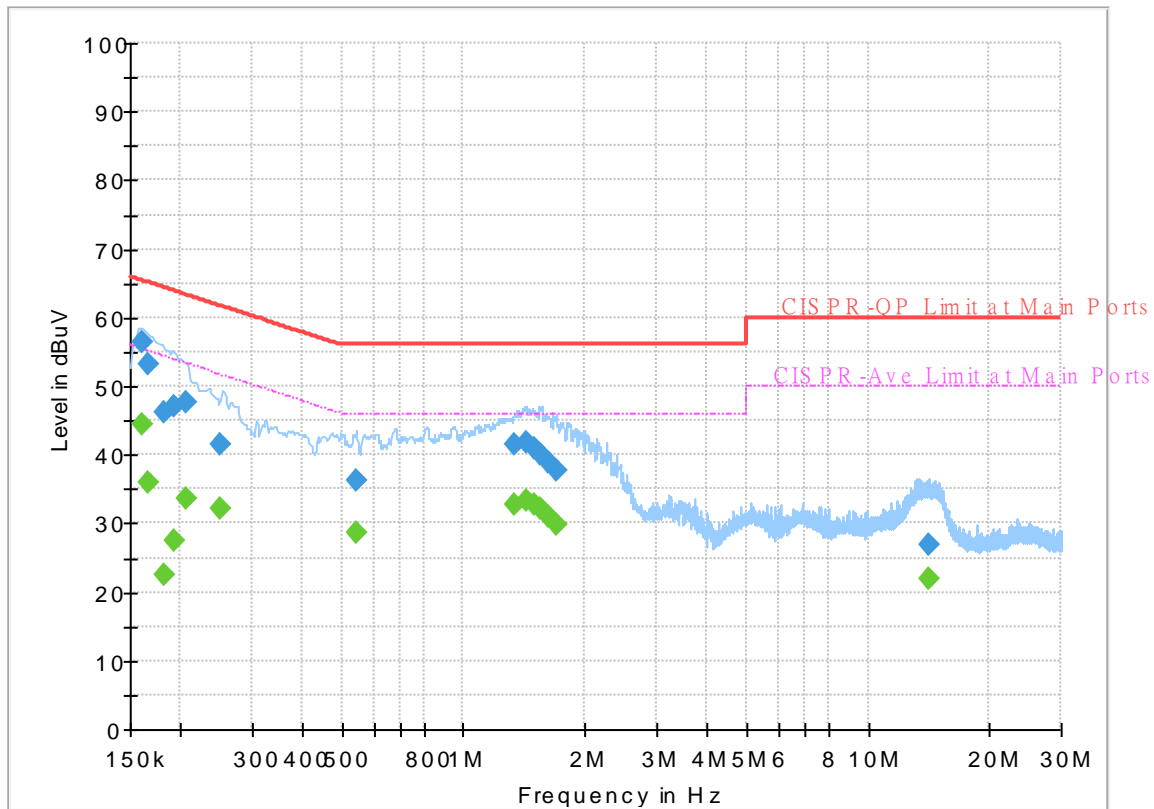
Appendix B. AC Conducted Emission Test Results

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

EUT Information

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

Full Spectrum



Final_Result

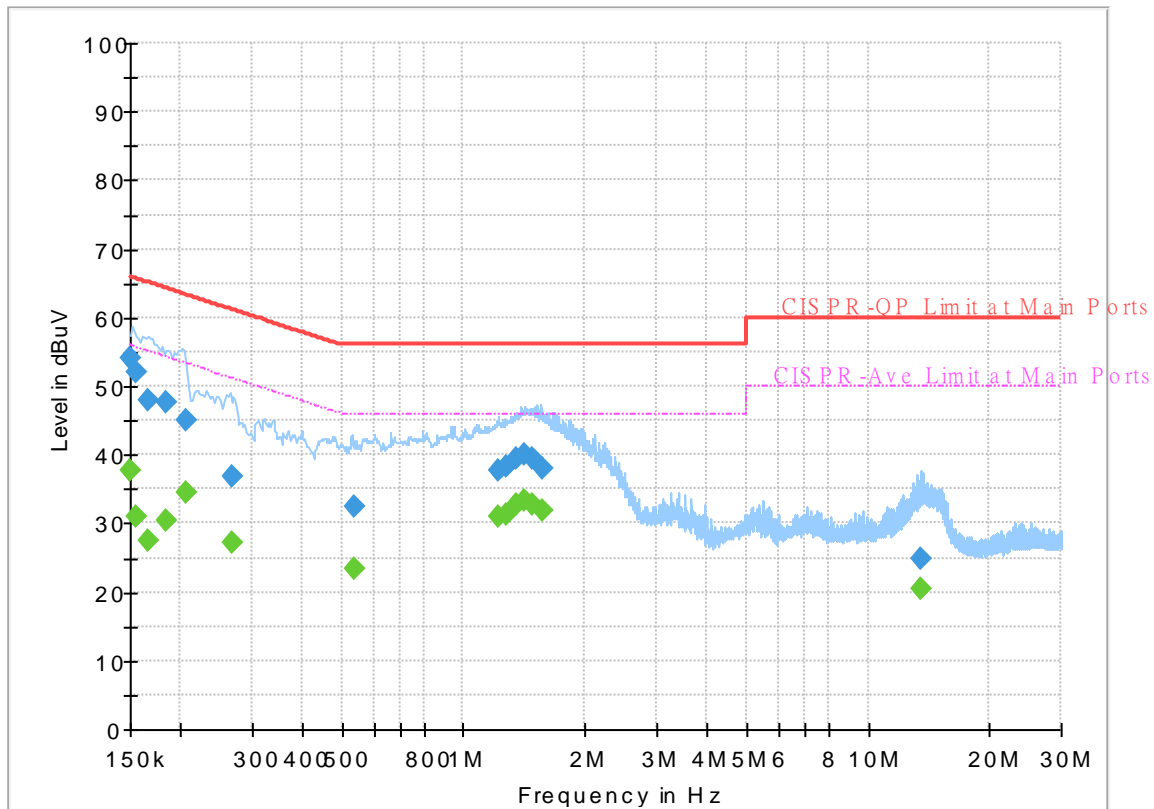
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.160890	---	44.35	55.42	11.07	L1	OFF	19.5
0.160890	56.49	---	65.42	8.93	L1	OFF	19.5
0.165750	---	35.86	55.17	19.31	L1	OFF	19.5
0.165750	53.14	---	65.17	12.03	L1	OFF	19.5
0.181500	---	22.60	54.42	31.82	L1	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 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5628.6	49.4	-18.8	68.2	41.5	31.6	9.58	33.28	101	254	P	H
		5699.2	49.56	-55.05	104.61	41.41	31.8	9.66	33.31	101	254	P	H
		5714.6	50.68	-58.61	109.29	42.45	31.86	9.68	33.31	101	254	P	H
		5724.4	54.6	-66.23	120.83	46.32	31.9	9.7	33.32	101	254	P	H
	*	5745	106.03	-	-	97.65	31.98	9.72	33.32	101	254	P	H
	*	5745	98.42	-	-	90.04	31.98	9.72	33.32	101	254	A	H
													H
													H
		5631.6	46.92	-21.28	68.2	39.02	31.6	9.58	33.28	400	93	P	V
		5668.2	46.4	-35.31	81.71	38.4	31.67	9.63	33.3	400	93	P	V
		5702	46.33	-59.43	105.76	38.16	31.81	9.67	33.31	400	93	P	V
		5723.6	46.76	-72.25	119.01	38.5	31.89	9.69	33.32	400	93	P	V
	*	5745	100.03	-	-	91.65	31.98	9.72	33.32	400	93	P	V
	*	5745	92.15	-	-	83.77	31.98	9.72	33.32	400	93	A	V
													V
													V



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 157 5785MHz		5643	48.78	-19.42	68.2	40.88	31.6	9.59	33.29	106	240	P	H
		5698	47.5	-56.23	103.73	39.36	31.79	9.66	33.31	106	240	P	H
		5714.2	48.07	-61.11	109.18	39.84	31.86	9.68	33.31	106	240	P	H
		5724.2	48.53	-71.85	120.38	40.25	31.9	9.7	33.32	106	240	P	H
	*	5785	107.21	-	-	98.71	32.07	9.77	33.34	106	240	P	H
	*	5785	99.54	-	-	91.04	32.07	9.77	33.34	106	240	A	H
		5851.8	49.23	-68.86	118.09	40.53	32.21	9.85	33.36	106	240	P	H
		5862.6	49.52	-59.15	108.67	40.77	32.25	9.86	33.36	106	240	P	H
		5908	51.53	-29.21	80.74	42.6	32.4	9.91	33.38	106	240	P	H
		5943	49.81	-18.39	68.2	40.85	32.4	9.95	33.39	106	240	P	H
													H
													H
		5620.6	46.74	-21.46	68.2	38.85	31.6	9.57	33.28	400	60	P	V
		5669.4	46.25	-36.34	82.59	38.24	31.68	9.63	33.3	400	60	P	V
		5707	46.82	-60.34	107.16	38.63	31.83	9.67	33.31	400	60	P	V
		5721.6	45.58	-68.87	114.45	37.32	31.89	9.69	33.32	400	60	P	V
	*	5785	102.77	-	-	94.27	32.07	9.77	33.34	400	60	P	V
	*	5785	95.07	-	-	86.57	32.07	9.77	33.34	400	60	A	V
		5853	47.31	-68.05	115.36	38.61	32.21	9.85	33.36	400	60	P	V
		5859.4	48.18	-61.39	109.57	39.44	32.24	9.86	33.36	400	60	P	V
		5923.8	49.45	-19.63	69.08	40.5	32.4	9.93	33.38	400	60	P	V
		5942.6	49.66	-18.54	68.2	40.7	32.4	9.95	33.39	400	60	P	V
													V
													V



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 165 5825MHz	*	5825	106.88	-	-	98.26	32.15	9.82	33.35	100	239	P	H
	*	5825	99.46	-	-	90.84	32.15	9.82	33.35	100	239	A	H
		5850.6	54.37	-66.46	120.83	45.68	32.2	9.85	33.36	100	239	P	H
		5862	51.91	-56.93	108.84	43.16	32.25	9.86	33.36	100	239	P	H
		5893	51.01	-40.83	91.84	42.12	32.37	9.89	33.37	100	239	P	H
		5947	52.02	-16.18	68.2	43.06	32.4	9.95	33.39	100	239	P	H
													H
													H
	*	5825	102.95	-	-	94.33	32.15	9.82	33.35	396	46	P	V
	*	5825	95.4	-	-	86.78	32.15	9.82	33.35	396	46	A	V
		5852	51.88	-65.76	117.64	43.18	32.21	9.85	33.36	396	46	P	V
		5858	49.42	-60.54	109.96	40.7	32.23	9.85	33.36	396	46	P	V
		5904.6	48.33	-34.93	83.26	39.4	32.4	9.91	33.38	396	46	P	V
		5948.6	49.24	-18.96	68.2	40.28	32.4	9.95	33.39	396	46	P	V
													V
													V
													V
Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

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 149 5745MHz		11490	49.62	-24.38	74	54.49	39.98	17.46	62.31	100	0	P	H
		17235	49.62	-18.58	68.2	46.47	40.24	21.39	58.48	100	0	P	H
													H
													H
		11490	49.69	-24.31	74	54.56	39.98	17.46	62.31	100	0	P	V
		17235	48.1	-20.1	68.2	44.95	40.24	21.39	58.48	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	47.85	-26.15	74	52.9	39.72	17.54	62.31	100	0	P	H
		17355	49.23	-18.97	68.2	44.91	41	21.58	58.26	100	0	P	H
													H
													H
		11570	56.12	-17.88	74	61.17	39.72	17.54	62.31	373	181	P	V
		11570	44.72	-9.28	54	49.77	39.72	17.54	62.31	373	181	A	V
		17355	49.27	-18.93	68.2	44.95	41	21.58	58.26	100	0	P	V
													V
802.11a CH 165 5825MHz		11650	48.29	-25.71	74	53.7	39.3	17.62	62.33	100	0	P	H
		17475	49.96	-18.24	68.2	44.54	41.7	21.76	58.04	100	0	P	H
													H
													H
		11650	49.63	-24.37	74	55.04	39.3	17.62	62.33	100	0	P	V
		17475	50.37	-17.83	68.2	44.95	41.7	21.76	58.04	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 149 5745MHz		5617	48.17	-20.03	68.2	40.29	31.6	9.56	33.28	125	237	P	H
		5665.4	48.57	-31.06	79.63	40.59	31.66	9.62	33.3	125	237	P	H
		5712.6	50.02	-58.71	108.73	41.8	31.85	9.68	33.31	125	237	P	H
		5724.6	54.6	-66.69	121.29	46.32	31.9	9.7	33.32	125	237	P	H
	*	5745	105.67	-	-	97.29	31.98	9.72	33.32	125	237	P	H
	*	5745	98.11	-	-	89.73	31.98	9.72	33.32	125	237	A	H
													H
													H
		5639.2	48.56	-19.64	68.2	40.66	31.6	9.59	33.29	388	260	P	V
		5692.2	47.64	-51.81	99.45	39.52	31.77	9.66	33.31	388	260	P	V
		5718.6	48.62	-61.79	110.41	40.37	31.87	9.69	33.31	388	260	P	V
		5725	51.39	-70.81	122.2	43.11	31.9	9.7	33.32	388	260	P	V
	*	5745	100.18	-	-	91.8	31.98	9.72	33.32	388	260	P	V
	*	5745	92.66	-	-	84.28	31.98	9.72	33.32	388	260	A	V
													V
													V



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 157 5785MHz		5610	48.04	-20.16	68.2	40.17	31.6	9.55	33.28	105	240	P	H
		5662.6	48.49	-29.06	77.55	40.52	31.65	9.62	33.3	105	240	P	H
		5707.4	47.81	-59.46	107.27	39.62	31.83	9.67	33.31	105	240	P	H
		5722.2	46.78	-69.04	115.82	38.52	31.89	9.69	33.32	105	240	P	H
	*	5785	106.43	-	-	97.93	32.07	9.77	33.34	105	240	P	H
	*	5785	98.79	-	-	90.29	32.07	9.77	33.34	105	240	A	H
		5853	48.78	-66.58	115.36	40.08	32.21	9.85	33.36	105	240	P	H
		5858.4	50.06	-59.79	109.85	41.34	32.23	9.85	33.36	105	240	P	H
		5903.8	51.87	-31.98	83.85	42.95	32.4	9.9	33.38	105	240	P	H
		5941.8	51.48	-16.72	68.2	42.52	32.4	9.95	33.39	105	240	P	H
													H
													H
		5615	46.66	-21.54	68.2	38.78	31.6	9.56	33.28	332	294	P	V
		5680.6	47.62	-43.26	90.88	39.56	31.72	9.64	33.3	332	294	P	V
		5700.6	47.45	-57.92	105.37	39.29	31.8	9.67	33.31	332	294	P	V
		5723.8	45.62	-73.84	119.46	37.35	31.9	9.69	33.32	332	294	P	V
	*	5785	100.84	-	-	92.34	32.07	9.77	33.34	332	294	P	V
	*	5785	93	-	-	84.5	32.07	9.77	33.34	332	294	A	V
		5854.8	48.93	-62.33	111.26	40.22	32.22	9.85	33.36	332	294	P	V
		5860.8	48.21	-60.96	109.17	39.47	32.24	9.86	33.36	332	294	P	V
		5922.4	51.26	-18.86	70.12	42.32	32.4	9.92	33.38	332	294	P	V
		5941	49.19	-19.01	68.2	40.23	32.4	9.95	33.39	332	294	P	V
													V
													V



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 165 5825MHz	*	5825	105.87	-	-	97.25	32.15	9.82	33.35	101	239	P	H
	*	5825	98.09	-	-	89.47	32.15	9.82	33.35	101	239	A	H
		5853.8	52.08	-61.46	113.54	43.37	32.22	9.85	33.36	101	239	P	H
		5857.6	52.29	-57.78	110.07	43.57	32.23	9.85	33.36	101	239	P	H
		5886.8	52.29	-44.15	96.44	43.42	32.35	9.89	33.37	101	239	P	H
		5939.2	52.22	-15.98	68.2	43.27	32.4	9.94	33.39	101	239	P	H
													H
													H
	*	5825	101.35	-	-	92.73	32.15	9.82	33.35	397	295	P	V
	*	5825	93.96	-	-	85.34	32.15	9.82	33.35	397	295	A	V
		5852.6	49.19	-67.08	116.27	40.49	32.21	9.85	33.36	397	295	P	V
		5861.4	48.51	-60.5	109.01	39.76	32.25	9.86	33.36	397	295	P	V
		5891.8	48.86	-43.87	92.73	39.97	32.37	9.89	33.37	397	295	P	V
		5928.8	48.91	-19.29	68.2	39.97	32.4	9.93	33.39	397	295	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	47.64	-26.36	74	52.51	39.98	17.46	62.31	100	0	P	H
		17235	47	-21.2	68.2	43.85	40.24	21.39	58.48	100	0	P	H
													H
													H
		11490	49.1	-24.9	74	53.97	39.98	17.46	62.31	100	0	P	V
		17235	48.05	-20.15	68.2	44.9	40.24	21.39	58.48	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	48.26	-25.74	74	53.31	39.72	17.54	62.31	100	0	P	H
		17355	49.58	-18.62	68.2	45.26	41	21.58	58.26	100	0	P	H
													H
													H
		11570	49.62	-24.38	74	54.67	39.72	17.54	62.31	100	0	P	V
		17355	49.24	-18.96	68.2	44.92	41	21.58	58.26	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	48.32	-25.68	74	53.73	39.3	17.62	62.33	100	0	P	H
		17475	49.61	-18.59	68.2	44.19	41.7	21.76	58.04	100	0	P	H
													H
													H
		11650	48.37	-25.63	74	53.78	39.3	17.62	62.33	100	0	P	V
		17475	50.32	-17.88	68.2	44.9	41.7	21.76	58.04	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5624.6	49.03	-19.17	68.2	41.14	31.6	9.57	33.28	108	239	P	H
		5699.2	48.26	-56.35	104.61	40.11	31.8	9.66	33.31	108	239	P	H
		5717.6	53.86	-56.27	110.13	45.61	31.87	9.69	33.31	108	239	P	H
		5723.6	56.31	-62.7	119.01	48.05	31.89	9.69	33.32	108	239	P	H
	*	5755	103.03	-	-	94.62	32.01	9.73	33.33	108	239	P	H
	*	5755	95.39	-	-	86.98	32.01	9.73	33.33	108	239	A	H
		5851.4	50.4	-68.61	119.01	41.7	32.21	9.85	33.36	108	239	P	H
		5870.8	49.99	-56.38	106.37	41.21	32.28	9.87	33.37	108	239	P	H
		5924.8	49.85	-18.5	68.35	40.9	32.4	9.93	33.38	108	239	P	H
		5942.4	49.99	-18.21	68.2	41.03	32.4	9.95	33.39	108	239	P	H
													H
													H
		5633.2	46.52	-21.68	68.2	38.63	31.6	9.58	33.29	400	92	P	V
		5660.2	47.65	-28.12	75.77	39.68	31.64	9.62	33.29	400	92	P	V
		5718	46.8	-63.44	110.24	38.55	31.87	9.69	33.31	400	92	P	V
		5720	48.48	-62.32	110.8	40.22	31.88	9.69	33.31	400	92	P	V
	*	5755	96.3	-	-	87.89	32.01	9.73	33.33	400	92	P	V
	*	5755	89.48	-	-	81.07	32.01	9.73	33.33	400	92	A	V
		5852.8	46.23	-69.59	115.82	37.53	32.21	9.85	33.36	400	92	P	V
		5873	46.93	-58.83	105.76	38.14	32.29	9.87	33.37	400	92	P	V
		5920.4	49.73	-21.86	71.59	40.79	32.4	9.92	33.38	400	92	P	V
		5938.4	48.59	-19.61	68.2	39.64	32.4	9.94	33.39	400	92	P	V
													V
													V



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 159 5795MHz		5647.4	46.97	-21.23	68.2	39.06	31.6	9.6	33.29	119	240	P	H
		5681.2	47.41	-43.92	91.33	39.35	31.72	9.64	33.3	119	240	P	H
		5716.2	47.58	-62.16	109.74	39.34	31.86	9.69	33.31	119	240	P	H
		5724.4	47.92	-72.91	120.83	39.64	31.9	9.7	33.32	119	240	P	H
	*	5795	102.37	-	-	93.84	32.09	9.78	33.34	119	240	P	H
	*	5795	95.36	-	-	86.83	32.09	9.78	33.34	119	240	A	H
		5854.4	49.93	-62.24	112.17	41.22	32.22	9.85	33.36	119	240	P	H
		5855.8	51.23	-59.35	110.58	42.52	32.22	9.85	33.36	119	240	P	H
		5881.4	50.61	-49.84	100.45	41.77	32.33	9.88	33.37	119	240	P	H
		5941.4	50.87	-17.33	68.2	41.91	32.4	9.95	33.39	119	240	P	H
													H
													H
		5605.8	46.66	-21.54	68.2	38.79	31.6	9.55	33.28	399	59	P	V
		5688.6	46.86	-49.93	96.79	38.76	31.75	9.65	33.3	399	59	P	V
		5704.6	45.64	-60.85	106.49	37.46	31.82	9.67	33.31	399	59	P	V
		5721.8	45.99	-68.91	114.9	37.73	31.89	9.69	33.32	399	59	P	V
	*	5795	98.08	-	-	89.55	32.09	9.78	33.34	399	59	P	V
	*	5795	91.46	-	-	82.93	32.09	9.78	33.34	399	59	A	V
		5851.6	46.82	-71.73	118.55	38.12	32.21	9.85	33.36	399	59	P	V
		5874.6	47.15	-58.16	105.31	38.35	32.3	9.87	33.37	399	59	P	V
		5921.4	48.86	-21.99	70.85	39.92	32.4	9.92	33.38	399	59	P	V
		5939.4	49.3	-18.9	68.2	40.35	32.4	9.94	33.39	399	59	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 151 5755MHz		11510	47.81	-26.19	74	52.68	39.96	17.47	62.3	100	0	P	H
		17265	47.63	-20.57	68.2	44.25	40.36	21.44	58.42	100	0	P	H
													H
													H
		11510	48.92	-25.08	74	53.79	39.96	17.47	62.3	100	0	P	V
		17265	47.68	-20.52	68.2	44.3	40.36	21.44	58.42	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	48.69	-25.31	74	53.81	39.64	17.56	62.32	100	0	P	H
		17385	49.68	-18.52	68.2	45.01	41.26	21.62	58.21	100	0	P	H
													H
													H
		11590	47.79	-26.21	74	52.91	39.64	17.56	62.32	100	0	P	V
		17385	48.83	-19.37	68.2	44.16	41.26	21.62	58.21	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)

[illegible]



<Sample 2>

<Dipole Antenna>

Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5630.8	50.42	-17.78	68.2	42.52	31.6	9.58	33.28	100	192	P	H
		5668.6	49.12	-32.88	82	41.12	31.67	9.63	33.3	100	192	P	H
		5719	57.54	-52.98	110.52	49.28	31.88	9.69	33.31	100	192	P	H
		5725	63.63	-58.57	122.2	55.35	31.9	9.7	33.32	100	192	P	H
	*	5745	109.15	-	-	100.77	31.98	9.72	33.32	100	192	P	H
	*	5745	101.35	-	-	92.97	31.98	9.72	33.32	100	192	A	H
													H
													H
		5603.6	46.85	-21.35	68.2	38.99	31.6	9.54	33.28	299	272	P	V
		5670	46.1	-36.94	83.04	38.09	31.68	9.63	33.3	299	272	P	V
		5717	49.45	-60.51	109.96	41.2	31.87	9.69	33.31	299	272	P	V
		5724.8	51.55	-70.19	121.74	43.27	31.9	9.7	33.32	299	272	P	V
	*	5745	99.01	-	-	90.63	31.98	9.72	33.32	299	272	P	V
	*	5745	91.68	-	-	83.3	31.98	9.72	33.32	299	272	A	V
													V
													V



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 157 5785MHz		5609.6	48.49	-19.71	68.2	40.62	31.6	9.55	33.28	125	190	P	H
		5662.6	50.06	-27.49	77.55	42.09	31.65	9.62	33.3	125	190	P	H
		5719.2	48.62	-61.96	110.58	40.36	31.88	9.69	33.31	125	190	P	H
		5725	49.48	-72.72	122.2	41.2	31.9	9.7	33.32	125	190	P	H
	*	5785	110.14	-	-	101.64	32.07	9.77	33.34	125	190	P	H
	*	5785	101.91	-	-	93.41	32.07	9.77	33.34	125	190	A	H
		5850.8	51.57	-68.81	120.38	42.88	32.2	9.85	33.36	125	190	P	H
		5869	52.87	-54.01	106.88	44.09	32.28	9.87	33.37	125	190	P	H
		5904	53.38	-30.32	83.7	44.46	32.4	9.9	33.38	125	190	P	H
		5947	51.76	-16.44	68.2	42.8	32.4	9.95	33.39	125	190	P	H
													H
													H
		5606.2	47.68	-20.52	68.2	39.81	31.6	9.55	33.28	400	25	P	V
		5671.6	46.52	-37.7	84.22	38.5	31.69	9.63	33.3	400	25	P	V
		5708.2	45.76	-61.74	107.5	37.56	31.83	9.68	33.31	400	25	P	V
		5720.8	45.37	-67.25	112.62	37.12	31.88	9.69	33.32	400	25	P	V
	*	5785	100.48	-	-	91.98	32.07	9.77	33.34	400	25	P	V
	*	5785	92.41	-	-	83.91	32.07	9.77	33.34	400	25	A	V
		5851.8	46.65	-71.45	118.1	37.95	32.21	9.85	33.36	400	25	P	V
		5863.4	47.91	-60.54	108.45	39.16	32.25	9.86	33.36	400	25	P	V
		5907.2	48.48	-32.86	81.34	39.55	32.4	9.91	33.38	400	25	P	V
		5930.6	47.61	-20.59	68.2	38.67	32.4	9.93	33.39	400	25	P	V
													V
													V



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 165 5825MHz	*	5825	110.68	-	-	102.06	32.15	9.82	33.35	121	191	P	H
	*	5825	102.43	-	-	93.81	32.15	9.82	33.35	121	191	A	H
		5850	60.17	-62.03	122.2	51.48	32.2	9.85	33.36	121	191	P	H
		5856.6	56.09	-54.26	110.35	47.37	32.23	9.85	33.36	121	191	P	H
		5884.2	52.24	-46.13	98.37	43.39	32.34	9.88	33.37	121	191	P	H
		5940.4	53.1	-15.1	68.2	44.15	32.4	9.94	33.39	121	191	P	H
													H
													H
	*	5825	100.9	-	-	92.28	32.15	9.82	33.35	395	24	P	V
	*	5825	92.68	-	-	84.06	32.15	9.82	33.35	395	24	A	V
		5850.2	52.91	-68.83	121.74	44.22	32.2	9.85	33.36	395	24	P	V
		5859.4	49.31	-60.26	109.57	40.57	32.24	9.86	33.36	395	24	P	V
		5903.6	49.42	-34.58	84	40.5	32.4	9.9	33.38	395	24	P	V
		5927.6	49.07	-19.13	68.2	40.13	32.4	9.93	33.39	395	24	P	V
													V
													V
													V
Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

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 149 5745MHz		11490	54.22	-19.78	74	59.09	39.98	17.46	62.31	126	243	P	H
		11490	46.62	-7.38	54	51.49	39.98	17.46	62.31	126	243	A	H
		17235	48.98	-19.22	68.2	45.83	40.24	21.39	58.48	100	0	P	H
													H
		11490	55.44	-18.56	74	60.31	39.98	17.46	62.31	251	276	P	V
		11490	47.15	-6.85	54	52.02	39.98	17.46	62.31	251	276	A	V
		17235	49.3	-18.9	68.2	46.15	40.24	21.39	58.48	100	0	P	V
													V
802.11a CH 157 5785MHz		11570	55.97	-18.03	74	61.02	39.72	17.54	62.31	119	242	P	H
		11570	48.1	-5.9	54	53.15	39.72	17.54	62.31	119	242	A	H
		17355	49.79	-18.41	68.2	45.47	41	21.58	58.26	100	0	P	H
													H
		11570	58.15	-15.85	74	63.2	39.72	17.54	62.31	249	275	P	V
		11570	49.19	-4.81	54	54.24	39.72	17.54	62.31	249	275	A	V
		17355	50.61	-17.59	68.2	46.29	41	21.58	58.26	100	0	P	V
													V
802.11a CH 165 5825MHz		11650	56.15	-17.85	74	61.56	39.3	17.62	62.33	100	311	P	H
		11650	46.38	-7.62	54	51.79	39.3	17.62	62.33	100	311	A	H
		17475	50.87	-17.33	68.2	45.45	41.7	21.76	58.04	100	0	P	H
													H
		11650	58.29	-15.71	74	63.7	39.3	17.62	62.33	350	286	P	V
		11650	48.64	-5.36	54	54.05	39.3	17.62	62.33	350	286	A	V
		17475	51.32	-16.88	68.2	45.9	41.7	21.76	58.04	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 149 5745MHz		5628	49.67	-18.53	68.2	41.78	31.6	9.57	33.28	100	180	P	H
		5695.4	49.85	-51.96	101.81	41.72	31.78	9.66	33.31	100	180	P	H
		5720	59.85	-50.95	110.8	51.59	31.88	9.69	33.31	100	180	P	H
		5723.8	62.39	-57.07	119.46	54.12	31.9	9.69	33.32	100	180	P	H
	*	5745	108	-	-	99.62	31.98	9.72	33.32	100	180	P	H
	*	5745	100.46	-	-	92.08	31.98	9.72	33.32	100	180	A	H
													H
													H
		5646.4	47.13	-21.07	68.2	39.22	31.6	9.6	33.29	299	273	P	V
		5693.8	46.75	-53.88	100.63	38.62	31.78	9.66	33.31	299	273	P	V
		5719.8	48.01	-62.73	110.74	39.75	31.88	9.69	33.31	299	273	P	V
		5723.8	51.99	-67.47	119.46	43.72	31.9	9.69	33.32	299	273	P	V
	*	5745	98.33	-	-	89.95	31.98	9.72	33.32	299	273	P	V
	*	5745	90.98	-	-	82.6	31.98	9.72	33.32	299	273	A	V
													V
													V



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 157 5785MHz		5608	47.21	-20.99	68.2	39.34	31.6	9.55	33.28	113	191	P	H
		5668	48.66	-32.9	81.56	40.67	31.67	9.62	33.3	113	191	P	H
		5706.4	49.36	-57.63	106.99	41.17	31.83	9.67	33.31	113	191	P	H
		5720.8	47.13	-65.49	112.62	38.88	31.88	9.69	33.32	113	191	P	H
	*	5785	109.56	-	-	101.06	32.07	9.77	33.34	113	191	P	H
	*	5785	101.4	-	-	92.9	32.07	9.77	33.34	113	191	A	H
		5852	49.74	-67.9	117.64	41.04	32.21	9.85	33.36	113	191	P	H
		5860	50.32	-59.08	109.4	41.58	32.24	9.86	33.36	113	191	P	H
		5908.6	52.43	-27.87	80.3	43.5	32.4	9.91	33.38	113	191	P	H
		5949	50.58	-17.62	68.2	41.62	32.4	9.95	33.39	113	191	P	H
													H
													H
		5647.8	46.25	-21.95	68.2	38.34	31.6	9.6	33.29	380	23	P	V
		5664.6	46.32	-32.72	79.04	38.34	31.66	9.62	33.3	380	23	P	V
		5711.8	46.07	-62.44	108.51	37.85	31.85	9.68	33.31	380	23	P	V
		5722.4	45.74	-70.53	116.27	37.48	31.89	9.69	33.32	380	23	P	V
	*	5785	99.55	-	-	91.05	32.07	9.77	33.34	380	23	P	V
	*	5785	91.92	-	-	83.42	32.07	9.77	33.34	380	23	A	V
		5853.4	46.95	-67.5	114.45	38.25	32.21	9.85	33.36	380	23	P	V
		5867.8	47.01	-60.2	107.21	38.25	32.27	9.86	33.37	380	23	P	V
		5902.4	48.79	-36.1	84.89	39.87	32.4	9.9	33.38	380	23	P	V
		5947.8	48.48	-19.72	68.2	39.52	32.4	9.95	33.39	380	23	P	V
													V
													V



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 165 5825MHz	*	5825	108.63	-	-	100.01	32.15	9.82	33.35	116	181	P	H
	*	5825	100.94	-	-	92.32	32.15	9.82	33.35	116	181	A	H
		5850.4	55.24	-66.05	121.29	46.55	32.2	9.85	33.36	116	181	P	H
		5856.8	52.51	-57.79	110.3	43.79	32.23	9.85	33.36	116	181	P	H
		5903.6	51.46	-32.54	84	42.54	32.4	9.9	33.38	116	181	P	H
		5939.2	52.14	-16.06	68.2	43.19	32.4	9.94	33.39	116	181	P	H
													H
													H
	*	5825	99.45	-	-	90.83	32.15	9.82	33.35	375	23	P	V
	*	5825	91.8	-	-	83.18	32.15	9.82	33.35	375	23	A	V
		5850.4	47.72	-73.57	121.29	39.03	32.2	9.85	33.36	375	23	P	V
		5863.4	47.48	-60.97	108.45	38.73	32.25	9.86	33.36	375	23	P	V
		5906.6	48.27	-33.51	81.78	39.34	32.4	9.91	33.38	375	23	P	V
		5949.4	49.29	-18.91	68.2	40.33	32.4	9.95	33.39	375	23	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	52.54	-21.46	74	57.41	39.98	17.46	62.31	100	311	P	H
		11490	44.85	-9.15	54	49.72	39.98	17.46	62.31	100	311	A	H
		17235	49.21	-18.99	68.2	46.06	40.24	21.39	58.48	100	0	P	H
													H
		11490	55.54	-18.46	74	60.41	39.98	17.46	62.31	269	280	P	V
		11490	47.44	-6.56	54	52.31	39.98	17.46	62.31	269	280	A	V
		17235	48.39	-19.81	68.2	45.24	40.24	21.39	58.48	100	0	P	V
													V
802.11n HT20 CH 157 5785MHz		11570	55.83	-18.17	74	60.88	39.72	17.54	62.31	106	312	P	H
		11570	47.34	-6.66	54	52.39	39.72	17.54	62.31	106	312	A	H
		17355	49.49	-18.71	68.2	45.17	41	21.58	58.26	100	0	P	H
													H
		11570	57.48	-16.52	74	62.53	39.72	17.54	62.31	254	280	P	V
		11570	48.69	-5.31	54	53.74	39.72	17.54	62.31	254	280	A	V
		17355	50.77	-17.43	68.2	46.45	41	21.58	58.26	100	0	P	V
													V
802.11n HT20 CH 165 5825MHz		11650	52.33	-21.67	74	57.74	39.3	17.62	62.33	118	313	P	H
		11650	43.93	-10.07	54	49.34	39.3	17.62	62.33	118	313	A	H
		17475	52.62	-15.58	68.2	47.2	41.7	21.76	58.04	100	0	P	H
													H
		11650	55.85	-18.15	74	61.26	39.3	17.62	62.33	270	280	P	V
		11650	47.05	-6.95	54	52.46	39.3	17.62	62.33	270	280	A	V
		17475	51.97	-16.23	68.2	46.55	41.7	21.76	58.04	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5602.6	48.7	-19.5	68.2	40.83	31.6	9.54	33.27	100	182	P	H
		5681.2	49.82	-41.51	91.33	41.76	31.72	9.64	33.3	100	182	P	H
		5706.4	56.41	-50.58	106.99	48.22	31.83	9.67	33.31	100	182	P	H
		5723.4	61.02	-57.53	118.55	52.76	31.89	9.69	33.32	100	182	P	H
	*	5755	105.43	-	-	97.02	32.01	9.73	33.33	100	182	P	H
	*	5755	98.21	-	-	89.8	32.01	9.73	33.33	100	182	A	H
		5853.8	49.92	-63.62	113.54	41.21	32.22	9.85	33.36	100	182	P	H
		5863.6	51.48	-56.91	108.39	42.73	32.25	9.86	33.36	100	182	P	H
		5897.4	51.05	-37.54	88.59	42.14	32.39	9.9	33.38	100	182	P	H
		5941	49.49	-18.71	68.2	40.53	32.4	9.95	33.39	100	182	P	H
													H
													H
		5626.8	46.03	-22.17	68.2	38.14	31.6	9.57	33.28	314	278	P	V
		5685	47.32	-46.81	94.13	39.23	31.74	9.65	33.3	314	278	P	V
		5719	50.37	-60.15	110.52	42.11	31.88	9.69	33.31	314	278	P	V
		5723.4	50.17	-68.38	118.55	41.91	31.89	9.69	33.32	314	278	P	V
	*	5755	95.1	-	-	86.69	32.01	9.73	33.33	314	278	P	V
	*	5755	88.11	-	-	79.7	32.01	9.73	33.33	314	278	A	V
		5851.2	46.51	-72.95	119.46	37.82	32.2	9.85	33.36	314	278	P	V
		5865.4	47.36	-60.53	107.89	38.6	32.26	9.86	33.36	314	278	P	V
		5918.6	49.12	-23.8	72.92	40.18	32.4	9.92	33.38	314	278	P	V
		5926.8	48.04	-20.16	68.2	39.1	32.4	9.93	33.39	314	278	P	V
													V
													V



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 159 5795MHz		5600.8	47.39	-20.81	68.2	39.52	31.6	9.54	33.27	106	181	P	H
		5688.6	48.82	-47.97	96.79	40.72	31.75	9.65	33.3	106	181	P	H
		5704	48.84	-57.48	106.32	40.66	31.82	9.67	33.31	106	181	P	H
		5721.6	48.36	-66.09	114.45	40.1	31.89	9.69	33.32	106	181	P	H
	*	5795	105.67	-	-	97.14	32.09	9.78	33.34	106	181	P	H
	*	5795	98.24	-	-	89.71	32.09	9.78	33.34	106	181	A	H
		5851	55.78	-64.14	119.92	47.09	32.2	9.85	33.36	106	181	P	H
		5857.4	52.36	-57.77	110.13	43.64	32.23	9.85	33.36	106	181	P	H
		5907.6	51.77	-29.27	81.04	42.84	32.4	9.91	33.38	106	181	P	H
		5947.8	50.93	-17.27	68.2	41.97	32.4	9.95	33.39	106	181	P	H
													H
													H
		5635.2	46.17	-22.03	68.2	38.28	31.6	9.58	33.29	400	23	P	V
		5668.4	46.63	-35.22	81.85	38.63	31.67	9.63	33.3	400	23	P	V
		5713.8	45.93	-63.14	109.07	37.7	31.86	9.68	33.31	400	23	P	V
		5720.8	46.12	-66.5	112.62	37.87	31.88	9.69	33.32	400	23	P	V
	*	5795	96.54	-	-	88.01	32.09	9.78	33.34	400	23	P	V
	*	5795	88.9	-	-	80.37	32.09	9.78	33.34	400	23	A	V
		5853	47.91	-67.45	115.36	39.21	32.21	9.85	33.36	400	23	P	V
		5862.2	48.91	-59.87	108.78	40.16	32.25	9.86	33.36	400	23	P	V
		5878.8	48.2	-54.18	102.38	39.37	32.32	9.88	33.37	400	23	P	V
		5931.8	49.23	-18.97	68.2	40.29	32.4	9.93	33.39	400	23	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 151 5755MHz		11510	49.61	-24.39	74	54.48	39.96	17.47	62.3	100	0	P	H
		17265	48.89	-19.31	68.2	45.51	40.36	21.44	58.42	100	0	P	H
													H
													H
		11510	49.47	-24.53	74	54.34	39.96	17.47	62.3	100	0	P	V
		17265	49.07	-19.13	68.2	45.69	40.36	21.44	58.42	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	52.47	-21.53	74	57.59	39.64	17.56	62.32	100	312	P	H
		11590	44.87	-9.13	54	49.99	39.64	17.56	62.32	100	312	A	H
		17385	50.12	-18.08	68.2	45.45	41.26	21.62	58.21	100	0	P	H
													H
		11590	54.42	-19.58	74	59.54	39.64	17.56	62.32	269	282	P	V
		11590	45.17	-8.83	54	50.29	39.64	17.56	62.32	269	282	A	V
		17385	50.43	-17.77	68.2	45.76	41.26	21.62	58.21	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)
802.11a LF		62.01	37.71	-2.29	40	54.81	11.82	0.74	29.66	313	349	Q	H
		159.98	31.74	-11.76	43.5	43.44	16.56	1.29	29.55	-	-	P	H
		462.62	34.95	-11.05	46	38.09	23.51	2.42	29.07	-	-	P	H
		664.38	37.64	-8.36	46	37.06	26.4	2.87	28.69	-	-	P	H
		905.91	35.82	-10.18	46	31.11	29.1	3.79	28.18	-	-	P	H
		977.69	36.99	-17.01	54	30.47	30.75	3.84	28.07	-	-	P	H
													H
													H
													H
													H
													H
		62.01	35.12	-4.88	40	52.22	11.82	0.74	29.66	100	73	Q	V
		160.95	25.84	-17.66	43.5	37.54	16.56	1.29	29.55	-	-	P	V
		455.83	33.49	-12.51	46	36.81	23.37	2.4	29.09	-	-	P	V
		664.38	37.63	-8.37	46	37.05	26.4	2.87	28.69	-	-	P	V
		873.9	35.45	-10.55	46	31.02	29.08	3.64	28.29	-	-	P	V
		998.06	39.8	-14.2	54	33.57	30.29	3.96	28.02	-	-	P	V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<PIFA Antenna>

Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5629.4	48.65	-19.55	68.2	40.75	31.6	9.58	33.28	295	4	P	H
		5697.6	48.56	-54.87	103.43	40.42	31.79	9.66	33.31	295	4	P	H
		5719	57.97	-52.55	110.52	49.71	31.88	9.69	33.31	295	4	P	H
		5725	62.85	-59.35	122.2	54.57	31.9	9.7	33.32	295	4	P	H
	*	5745	106.58	-	-	98.2	31.98	9.72	33.32	295	4	P	H
	*	5745	99.36	-	-	90.98	31.98	9.72	33.32	295	4	A	H
													H
													H
		5608.4	47.63	-20.57	68.2	39.76	31.6	9.55	33.28	105	270	P	V
		5675.8	47.59	-39.74	87.33	39.56	31.7	9.63	33.3	105	270	P	V
		5720	54.32	-56.48	110.8	46.06	31.88	9.69	33.31	105	270	P	V
		5722	58.21	-57.15	115.36	49.95	31.89	9.69	33.32	105	270	P	V
	*	5745	103.09	-	-	94.71	31.98	9.72	33.32	105	270	P	V
	*	5745	95.87	-	-	87.49	31.98	9.72	33.32	105	270	A	V
													V
													V



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 157 5785MHz		5613.6	47.12	-21.08	68.2	39.24	31.6	9.56	33.28	286	2	P	H
		5663.2	47.5	-30.5	78	39.53	31.65	9.62	33.3	286	2	P	H
		5707.4	49.49	-57.78	107.27	41.3	31.83	9.67	33.31	286	2	P	H
		5720.8	48.22	-64.4	112.62	39.97	31.88	9.69	33.32	286	2	P	H
	*	5785	107.25	-	-	98.75	32.07	9.77	33.34	286	2	P	H
	*	5785	100.03	-	-	91.53	32.07	9.77	33.34	286	2	A	H
		5854.6	48.49	-63.22	111.71	39.78	32.22	9.85	33.36	286	2	P	H
		5870.2	50.21	-56.33	106.54	41.43	32.28	9.87	33.37	286	2	P	H
		5904.4	51.22	-32.19	83.41	42.3	32.4	9.9	33.38	286	2	P	H
		5941.4	49.33	-18.87	68.2	40.37	32.4	9.95	33.39	286	2	P	H
													H
													H
		5621.8	46.4	-21.8	68.2	38.51	31.6	9.57	33.28	100	302	P	V
		5674.6	47.38	-39.06	86.44	39.35	31.7	9.63	33.3	100	302	P	V
		5712.6	47.94	-60.79	108.73	39.72	31.85	9.68	33.31	100	302	P	V
		5721.2	46.69	-66.85	113.54	38.44	31.88	9.69	33.32	100	302	P	V
	*	5785	103.1	-	-	94.6	32.07	9.77	33.34	100	302	P	V
	*	5785	95.85	-	-	87.35	32.07	9.77	33.34	100	302	A	V
		5850.4	46.62	-74.67	121.29	37.93	32.2	9.85	33.36	100	302	P	V
		5864	47.37	-60.91	108.28	38.61	32.26	9.86	33.36	100	302	P	V
		5902	49.42	-35.76	85.18	40.5	32.4	9.9	33.38	100	302	P	V
		5931.4	48.88	-19.32	68.2	39.94	32.4	9.93	33.39	100	302	P	V
													V
													V



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 165 5825MHz	*	5825	106.77	-	-	98.15	32.15	9.82	33.35	303	2	P	H
	*	5825	99.25	-	-	90.63	32.15	9.82	33.35	303	2	A	H
		5850.4	53.8	-67.49	121.29	45.11	32.2	9.85	33.36	303	2	P	H
		5855.2	50.2	-60.54	110.74	41.49	32.22	9.85	33.36	303	2	P	H
		5890.8	50	-43.47	93.47	41.12	32.36	9.89	33.37	303	2	P	H
		5940.6	51	-17.2	68.2	42.05	32.4	9.94	33.39	303	2	P	H
													H
													H
	*	5825	103.14	-	-	94.52	32.15	9.82	33.35	100	234	P	V
	*	5825	95.39	-	-	86.77	32.15	9.82	33.35	100	234	A	V
		5851	49.1	-70.82	119.92	40.41	32.2	9.85	33.36	100	234	P	V
		5855.6	48.94	-61.69	110.63	40.23	32.22	9.85	33.36	100	234	P	V
		5908.4	48.59	-31.86	80.45	39.66	32.4	9.91	33.38	100	234	P	V
		5931.6	48.16	-20.04	68.2	39.22	32.4	9.93	33.39	100	234	P	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	57.68	-16.32	74	62.55	39.98	17.46	62.31	124	279	P	H
		11490	48.06	-5.94	54	52.93	39.98	17.46	62.31	124	279	A	H
		17235	49.47	-18.73	68.2	46.32	40.24	21.39	58.48	100	0	P	H
													H
		11490	59.26	-14.74	74	64.13	39.98	17.46	62.31	310	281	P	V
		11490	48.84	-5.16	54	53.71	39.98	17.46	62.31	310	281	A	V
		17235	49.25	-18.95	68.2	46.1	40.24	21.39	58.48	100	0	P	V
													V
802.11a CH 157 5785MHz		11570	58.35	-15.65	74	63.4	39.72	17.54	62.31	126	281	P	H
		11570	47.89	-6.11	54	52.94	39.72	17.54	62.31	126	281	A	H
		17355	50.45	-17.75	68.2	46.13	41	21.58	58.26	100	0	P	H
													H
		11570	60.15	-13.85	74	65.2	39.72	17.54	62.31	301	283	P	V
		11570	49.65	-4.35	54	54.7	39.72	17.54	62.31	301	283	A	V
		17355	50.19	-18.01	68.2	45.87	41	21.58	58.26	100	0	P	V
													V
802.11a CH 165 5825MHz		11650	56.94	-17.06	74	62.35	39.3	17.62	62.33	119	281	P	H
		11650	46.91	-7.09	54	52.32	39.3	17.62	62.33	119	281	A	H
		17475	50.82	-17.38	68.2	45.4	41.7	21.76	58.04	100	0	P	H
													H
		11650	58.71	-15.29	74	64.12	39.3	17.62	62.33	303	284	P	V
		11650	48.26	-5.74	54	53.67	39.3	17.62	62.33	303	284	A	V
		17475	52.22	-15.98	68.2	46.8	41.7	21.76	58.04	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 149 5745MHz		5628.6	48.88	-19.32	68.2	40.98	31.6	9.58	33.28	291	3	P	H
		5693.2	48	-52.19	100.19	39.88	31.77	9.66	33.31	291	3	P	H
		5719.8	59.24	-51.5	110.74	50.98	31.88	9.69	33.31	291	3	P	H
		5721.8	59.55	-55.35	114.9	51.29	31.89	9.69	33.32	291	3	P	H
	*	5745	106.27	-	-	97.89	31.98	9.72	33.32	291	3	P	H
	*	5745	98.55	-	-	90.17	31.98	9.72	33.32	291	3	A	H
													H
													H
		5623	47.77	-20.43	68.2	39.88	31.6	9.57	33.28	100	268	P	V
		5685	47.31	-46.82	94.13	39.22	31.74	9.65	33.3	100	268	P	V
		5719.4	56.94	-53.69	110.63	48.68	31.88	9.69	33.31	100	268	P	V
		5723.4	57.54	-61.01	118.55	49.28	31.89	9.69	33.32	100	268	P	V
	*	5745	102.68	-	-	94.3	31.98	9.72	33.32	100	268	P	V
	*	5745	94.75	-	-	86.37	31.98	9.72	33.32	100	268	A	V
													V
													V



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 157 5785MHz		5638.2	47.81	-20.39	68.2	39.91	31.6	9.59	33.29	288	3	P	H
		5661.6	47.26	-29.55	76.81	39.28	31.65	9.62	33.29	288	3	P	H
		5710.8	47.26	-60.97	108.23	39.05	31.84	9.68	33.31	288	3	P	H
		5724.4	46.71	-74.12	120.83	38.43	31.9	9.7	33.32	288	3	P	H
	*	5785	106.1	-	-	97.6	32.07	9.77	33.34	288	3	P	H
	*	5785	98.91	-	-	90.41	32.07	9.77	33.34	288	3	A	H
		5854.6	49.45	-62.26	111.71	40.74	32.22	9.85	33.36	288	3	P	H
		5855.6	50.44	-60.19	110.63	41.73	32.22	9.85	33.36	288	3	P	H
		5907.6	50.46	-30.58	81.04	41.53	32.4	9.91	33.38	288	3	P	H
		5950	50.13	-18.07	68.2	41.17	32.4	9.95	33.39	288	3	P	H
													H
													H
		5608.6	46.32	-21.88	68.2	38.45	31.6	9.55	33.28	105	266	P	V
		5665.4	46.14	-33.49	79.63	38.16	31.66	9.62	33.3	105	266	P	V
		5712.4	46.52	-62.15	108.67	38.3	31.85	9.68	33.31	105	266	P	V
		5722.2	46.33	-69.49	115.82	38.07	31.89	9.69	33.32	105	266	P	V
	*	5785	103.66	-	-	95.16	32.07	9.77	33.34	105	266	P	V
	*	5785	95.44	-	-	86.94	32.07	9.77	33.34	105	266	A	V
		5852	48.2	-69.44	117.64	39.5	32.21	9.85	33.36	105	266	P	V
		5865.8	48.13	-59.64	107.77	39.37	32.26	9.86	33.36	105	266	P	V
		5884.8	49.55	-48.37	97.92	40.7	32.34	9.88	33.37	105	266	P	V
		5948.4	48.23	-19.97	68.2	39.27	32.4	9.95	33.39	105	266	P	V
													V
													V



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 165 5825MHz	*	5825	105.31	-	-	96.69	32.15	9.82	33.35	281	2	P	H
	*	5825	98.02	-	-	89.4	32.15	9.82	33.35	281	2	A	H
		5850.2	51.21	-70.53	121.74	42.52	32.2	9.85	33.36	281	2	P	H
		5873.8	50.75	-54.79	105.54	41.95	32.3	9.87	33.37	281	2	P	H
		5909.2	49.41	-30.45	79.86	40.48	32.4	9.91	33.38	281	2	P	H
		5941	49.58	-18.62	68.2	40.62	32.4	9.95	33.39	281	2	P	H
													H
													H
	*	5825	101.22	-	-	92.6	32.15	9.82	33.35	100	237	P	V
	*	5825	94	-	-	85.38	32.15	9.82	33.35	100	237	A	V
		5852.2	49.02	-68.16	117.18	40.32	32.21	9.85	33.36	100	237	P	V
		5868	47.85	-59.31	107.16	39.09	32.27	9.86	33.37	100	237	P	V
		5898.8	48.34	-39.21	87.55	39.42	32.4	9.9	33.38	100	237	P	V
		5935.4	48.59	-19.61	68.2	39.64	32.4	9.94	33.39	100	237	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	56.9	-17.1	74	61.77	39.98	17.46	62.31	126	282	P	H
		11490	47.76	-6.24	54	52.63	39.98	17.46	62.31	126	282	A	H
		17235	50.23	-17.97	68.2	47.08	40.24	21.39	58.48	100	0	P	H
													H
		11490	56.87	-17.13	74	61.74	39.98	17.46	62.31	295	284	P	V
		11490	47.79	-6.21	54	52.66	39.98	17.46	62.31	295	284	A	V
		17235	48.56	-19.64	68.2	45.41	40.24	21.39	58.48	100	0	P	V
													V
802.11n HT20 CH 157 5785MHz		11570	49.8	-24.2	74	54.85	39.72	17.54	62.31	100	0	P	H
		17355	49.9	-18.3	68.2	45.58	41	21.58	58.26	100	0	P	H
													H
													H
		11570	58.34	-15.66	74	63.39	39.72	17.54	62.31	302	283	P	V
		11570	48.41	-5.59	54	53.46	39.72	17.54	62.31	302	283	A	V
		17355	50.06	-18.14	68.2	45.74	41	21.58	58.26	100	0	P	V
													V
802.11n HT20 CH 165 5825MHz		11650	49.55	-24.45	74	54.96	39.3	17.62	62.33	100	0	P	H
		17475	50.98	-17.22	68.2	45.56	41.7	21.76	58.04	100	0	P	H
													H
													H
		11650	57.15	-16.85	74	62.56	39.3	17.62	62.33	311	283	P	V
		11650	46.73	-7.27	54	52.14	39.3	17.62	62.33	311	283	A	V
		17475	51.52	-16.68	68.2	46.1	41.7	21.76	58.04	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5601.4	48.32	-19.88	68.2	40.45	31.6	9.54	33.27	292	2	P	H
		5696.2	49.6	-52.8	102.4	41.47	31.78	9.66	33.31	292	2	P	H
		5718.6	58.63	-51.78	110.41	50.38	31.87	9.69	33.31	292	2	P	H
		5725	59.06	-63.14	122.2	50.78	31.9	9.7	33.32	292	2	P	H
	*	5755	102.73	-	-	94.32	32.01	9.73	33.33	292	2	P	H
	*	5755	95.83	-	-	87.42	32.01	9.73	33.33	292	2	A	H
		5854.2	48.39	-64.23	112.62	39.68	32.22	9.85	33.36	292	2	P	H
		5863	49.22	-59.34	108.56	40.47	32.25	9.86	33.36	292	2	P	H
		5906.8	49.97	-31.66	81.63	41.04	32.4	9.91	33.38	292	2	P	H
		5937.2	50.15	-18.05	68.2	41.2	32.4	9.94	33.39	292	2	P	H
													H
													H
		5630.6	47.1	-21.1	68.2	39.2	31.6	9.58	33.28	100	272	P	V
		5694.4	48.86	-52.21	101.07	40.73	31.78	9.66	33.31	100	272	P	V
		5719.4	57.51	-53.12	110.63	49.25	31.88	9.69	33.31	100	272	P	V
		5722.8	56.41	-60.77	117.18	48.15	31.89	9.69	33.32	100	272	P	V
	*	5755	99.44	-	-	91.03	32.01	9.73	33.33	100	272	P	V
	*	5755	93.05	-	-	84.64	32.01	9.73	33.33	100	272	A	V
		5853.8	47.56	-65.98	113.54	38.85	32.22	9.85	33.36	100	272	P	V
		5862.4	48.63	-60.1	108.73	39.88	32.25	9.86	33.36	100	272	P	V
		5892.4	48.54	-43.75	92.29	39.65	32.37	9.89	33.37	100	272	P	V
		5929	47.44	-20.76	68.2	38.5	32.4	9.93	33.39	100	272	P	V
													V
													V



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 159 5795MHz		5637.8	47.1	-21.1	68.2	39.2	31.6	9.59	33.29	274	2	P	H
		5676.2	48.86	-38.77	87.63	40.82	31.7	9.64	33.3	274	2	P	H
		5718.8	48	-62.46	110.46	39.74	31.88	9.69	33.31	274	2	P	H
		5720.8	47.23	-65.39	112.62	38.98	31.88	9.69	33.32	274	2	P	H
	*	5795	102.94	-	-	94.41	32.09	9.78	33.34	274	2	P	H
	*	5795	95.57	-	-	87.04	32.09	9.78	33.34	274	2	A	H
		5851.4	48.14	-70.87	119.01	39.44	32.21	9.85	33.36	274	2	P	H
		5858	50.16	-59.8	109.96	41.44	32.23	9.85	33.36	274	2	P	H
		5911.4	50.74	-27.49	78.23	41.81	32.4	9.91	33.38	274	2	P	H
		5929.2	51.05	-17.15	68.2	42.11	32.4	9.93	33.39	274	2	P	H
													H
													H
		5624.6	47.2	-21	68.2	39.31	31.6	9.57	33.28	100	271	P	V
		5686.4	47.34	-47.83	95.17	39.24	31.75	9.65	33.3	100	271	P	V
		5701.4	48.33	-57.26	105.59	40.16	31.81	9.67	33.31	100	271	P	V
		5723.2	46.43	-71.67	118.1	38.17	31.89	9.69	33.32	100	271	P	V
	*	5795	99.25	-	-	90.72	32.09	9.78	33.34	100	271	P	V
	*	5795	91.49	-	-	82.96	32.09	9.78	33.34	100	271	A	V
		5855	47.61	-63.19	110.8	38.9	32.22	9.85	33.36	100	271	P	V
		5860	48.36	-61.04	109.4	39.62	32.24	9.86	33.36	100	271	P	V
		5891.6	48.96	-43.92	92.88	40.07	32.37	9.89	33.37	100	271	P	V
		5931.4	48.84	-19.36	68.2	39.9	32.4	9.93	33.39	100	271	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 151 5755MHz		11510	49.87	-24.13	74	54.74	39.96	17.47	62.3	100	0	P	H
		17265	49.68	-18.52	68.2	46.3	40.36	21.44	58.42	100	0	P	H
													H
													H
		11510	54.75	-19.25	74	59.62	39.96	17.47	62.3	299	283	P	V
		11510	46.02	-7.98	54	50.89	39.96	17.47	62.3	299	283	A	V
		17265	49.15	-19.05	68.2	45.77	40.36	21.44	58.42	100	0	P	V
													V
802.11n HT40 CH 159 5795MHz		11590	48.87	-25.13	74	53.99	39.64	17.56	62.32	100	0	P	H
		17385	51.21	-16.99	68.2	46.54	41.26	21.62	58.21	100	0	P	H
													H
													H
		11590	55.76	-18.24	74	60.88	39.64	17.56	62.32	307	283	P	V
		11590	45.98	-8.02	54	51.1	39.64	17.56	62.32	307	283	A	V
		17385	49.96	-18.24	68.2	45.29	41.26	21.62	58.21	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)
802.11a LF		62.98	34.96	-5.04	40	51.99	11.89	0.75	29.67	298	137	Q	H
		150.28	35.73	-7.77	43.5	46.81	17.24	1.26	29.58	203	131	Q	H
		408.3	39.01	-6.99	46	43.66	22.38	2.15	29.18	-	-	P	H
		564.47	39.26	-6.74	46	39.09	26.4	2.62	28.85	-	-	P	H
		666.32	37.74	-8.26	46	37.13	26.41	2.88	28.68	-	-	P	H
		886.51	39.11	-6.89	46	34.66	28.97	3.72	28.24	-	-	P	H
													H
													H
													H
													H
		62.98	35.3	-4.7	40	52.33	11.89	0.75	29.67	100	78	Q	V
		150.28	31.48	-12.02	43.5	42.56	17.24	1.26	29.58	-	-	P	V
		312.27	31.16	-14.84	46	39.14	19.43	1.87	29.28	-	-	P	V
		480.08	38.39	-7.61	46	41.17	23.8	2.45	29.03	-	-	P	V
		666.32	38.02	-7.98	46	37.41	26.41	2.88	28.68	-	-	P	V
		975.75	38.19	-15.81	54	31.65	30.79	3.83	28.08	-	-	P	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Sample 3>

<Dipole Antenna>

Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 157 5785MHz		5618	47.25	-20.95	68.2	39.37	31.6	9.56	33.28	100	185	P	H
		5658	48.76	-25.38	74.14	40.81	31.63	9.61	33.29	100	185	P	H
		5719	47.39	-63.13	110.52	39.13	31.88	9.69	33.31	100	185	P	H
		5721.2	48.47	-65.07	113.54	40.22	31.88	9.69	33.32	100	185	P	H
	*	5785	106.01	-	-	97.51	32.07	9.77	33.34	100	185	P	H
	*	5785	98.2	-	-	89.7	32.07	9.77	33.34	100	185	A	H
		5851.2	47.42	-72.04	119.46	38.73	32.2	9.85	33.36	100	185	P	H
		5864.4	49.01	-59.16	108.17	40.25	32.26	9.86	33.36	100	185	P	H
		5898.4	52.75	-35.1	87.85	43.84	32.39	9.9	33.38	100	185	P	H
		5942	50.77	-17.43	68.2	41.81	32.4	9.95	33.39	100	185	P	H
													H
													H
		5613.6	47.3	-20.9	68.2	39.42	31.6	9.56	33.28	400	326	P	V
		5667.2	46.1	-34.86	80.96	38.11	31.67	9.62	33.3	400	326	P	V
		5702.8	47.49	-58.5	105.99	39.32	31.81	9.67	33.31	400	326	P	V
		5725	45.77	-76.43	122.2	37.49	31.9	9.7	33.32	400	326	P	V
	*	5785	95.41	-	-	86.91	32.07	9.77	33.34	400	326	P	V
	*	5785	87.69	-	-	79.19	32.07	9.77	33.34	400	326	A	V
		5852.2	47.34	-69.84	117.18	38.64	32.21	9.85	33.36	400	326	P	V
		5860	47.26	-62.14	109.4	38.52	32.24	9.86	33.36	400	326	P	V
		5884.2	48.04	-50.33	98.37	39.19	32.34	9.88	33.37	400	326	P	V
		5929.8	48.87	-19.33	68.2	39.93	32.4	9.93	33.39	400	326	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 157 5785MHz		11570	49.74	-24.26	74	54.79	39.72	17.54	62.31	100	0	P	H
		17355	51.73	-16.47	68.2	47.41	41	21.58	58.26	100	0	P	H
													H
													H
		11570	53.79	-20.21	74	58.84	39.72	17.54	62.31	312	171	P	V
		11570	43.27	-10.73	54	48.32	39.72	17.54	62.31	312	171	A	V
		17355	50.43	-17.77	68.2	46.11	41	21.58	58.26	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)
802.11a LF		62.01	38.59	-1.41	40	55.69	11.82	0.74	29.66	305	1	Q	H
		158.04	35.36	-8.14	43.5	46.91	16.73	1.28	29.56	-	-	P	H
		419.94	34.56	-11.44	46	38.59	22.91	2.22	29.16	-	-	P	H
		666.32	37.33	-8.67	46	36.72	26.41	2.88	28.68	-	-	P	H
		742.95	39.59	-6.41	46	36.75	28.25	3.19	28.6	-	-	P	H
		890.39	37.69	-8.31	46	33.26	28.91	3.75	28.23	-	-	P	H
													H
													H
													H
													H
													H
													H
		62.01	36.93	-3.07	40	54.03	11.82	0.74	29.66	100	84	Q	V
		149.31	26.05	-17.45	43.5	37.14	17.24	1.25	29.58	-	-	P	V
		457.77	33.13	-12.87	46	36.4	23.41	2.4	29.08	-	-	P	V
		666.32	38.71	-7.29	46	38.1	26.41	2.88	28.68	-	-	P	V
		733.25	36.22	-9.78	46	33.75	27.93	3.13	28.59	-	-	P	V
		901.06	37.93	-8.07	46	33.25	29.06	3.81	28.19	-	-	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 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 157 5785MHz		5638.2	46.89	-21.31	68.2	38.99	31.6	9.59	33.29	107	234	P	H
		5697.4	48.8	-54.48	103.28	40.66	31.79	9.66	33.31	107	234	P	H
		5713	47.52	-61.32	108.84	39.3	31.85	9.68	33.31	107	234	P	H
		5722.6	48.63	-68.1	116.73	40.37	31.89	9.69	33.32	107	234	P	H
	*	5785	104.94	-	-	96.44	32.07	9.77	33.34	107	234	P	H
	*	5785	96.88	-	-	88.38	32.07	9.77	33.34	107	234	A	H
		5850.2	48.7	-73.04	121.74	40.01	32.2	9.85	33.36	107	234	P	H
		5856.2	48.93	-61.53	110.46	40.22	32.22	9.85	33.36	107	234	P	H
		5885.2	48.99	-48.64	97.63	40.14	32.34	9.88	33.37	107	234	P	H
		5932.8	49.29	-18.91	68.2	40.34	32.4	9.94	33.39	107	234	P	H
													H
													H
		5601.8	46.49	-21.71	68.2	38.62	31.6	9.54	33.27	400	296	P	V
		5668	47.4	-34.16	81.56	39.41	31.67	9.62	33.3	400	296	P	V
		5717	47.47	-62.49	109.96	39.22	31.87	9.69	33.31	400	296	P	V
		5721.4	44.72	-69.27	113.99	36.46	31.89	9.69	33.32	400	296	P	V
	*	5785	100.93	-	-	92.43	32.07	9.77	33.34	400	296	P	V
	*	5785	92.99	-	-	84.49	32.07	9.77	33.34	400	296	A	V
		5850.2	46.88	-74.86	121.74	38.19	32.2	9.85	33.36	400	296	P	V
		5872	49.41	-56.63	106.04	40.62	32.29	9.87	33.37	400	296	P	V
		5910.4	49.96	-29.01	78.97	41.03	32.4	9.91	33.38	400	296	P	V
		5933.2	49.59	-18.61	68.2	40.64	32.4	9.94	33.39	400	296	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 157 5785MHz		11570	48.64	-25.36	74	53.69	39.72	17.54	62.31	100	0	P	H
		17355	50.53	-17.67	68.2	46.21	41	21.58	58.26	100	0	P	H
													H
													H
		11570	49.31	-24.69	74	54.36	39.72	17.54	62.31	100	0	P	V
		17355	50.84	-17.36	68.2	46.52	41	21.58	58.26	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)

[illegible]



Note symbol

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

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 = 55.45 (dBμV/m)
2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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



Appendix D. Radiated Spurious Emission Plots

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

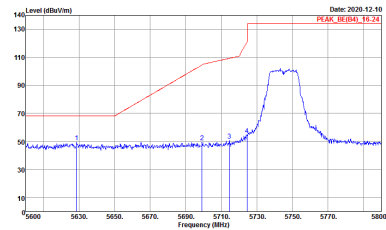
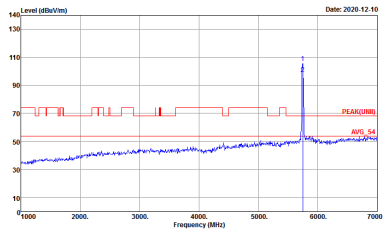
Note symbol

-L	Low channel location
-R	High channel location

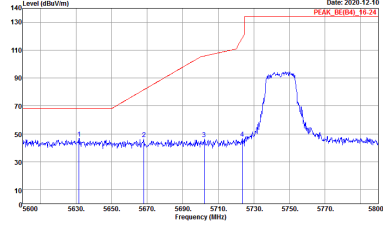
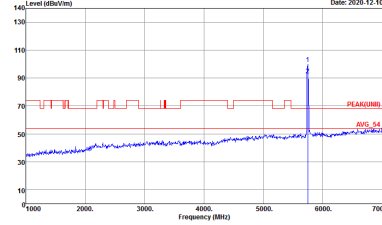


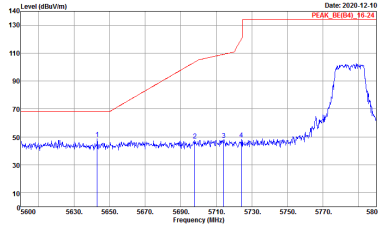
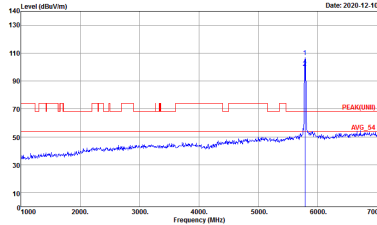
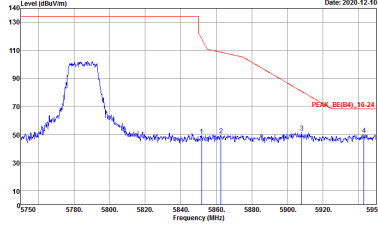
<Sample 1>

Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

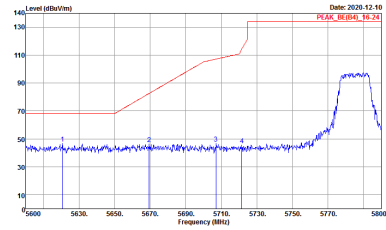
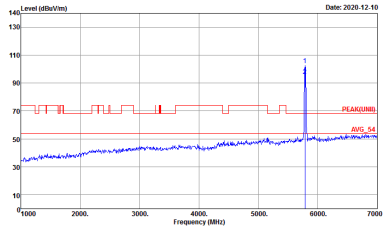
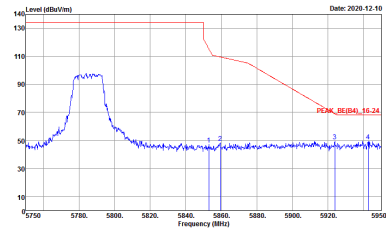
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Fundamental
Peak	<div><p>Site : 03CH12-11Y Condition : PEAK_RE(00)_16.24 3m HORN_91200_1328 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto</p></div>	<div><p>Site : 03CH12-11Y Condition : PEAK_RE(00)_16.24 3m HORN_91200_1328 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto</p></div>



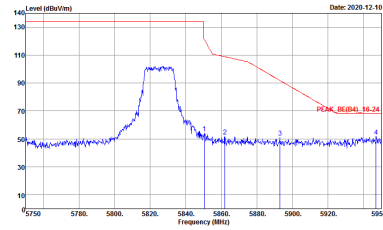
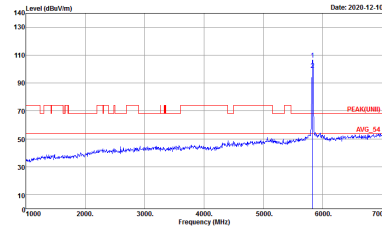
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



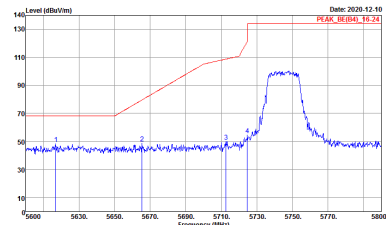
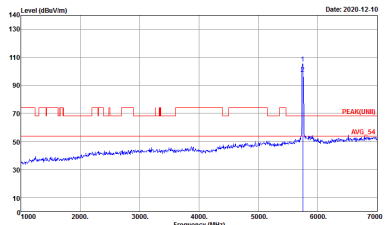
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-4NY Condition : PEAK(FUND)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



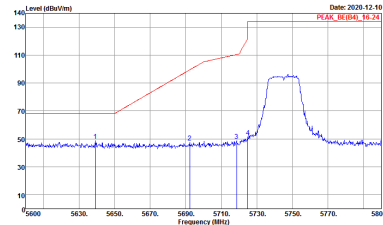
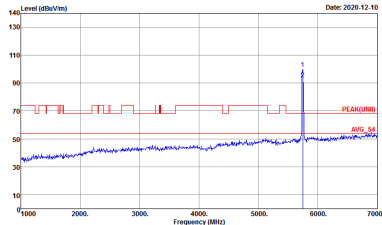
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK(FUND)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

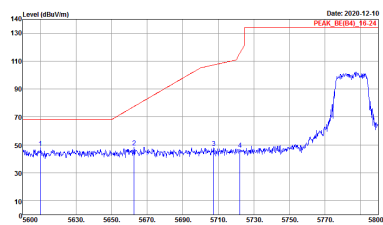
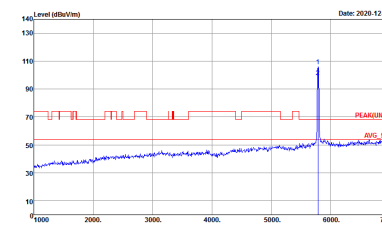
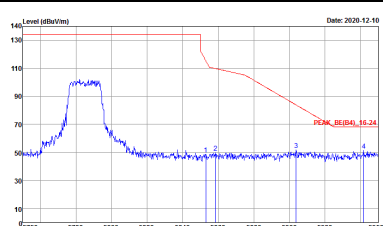


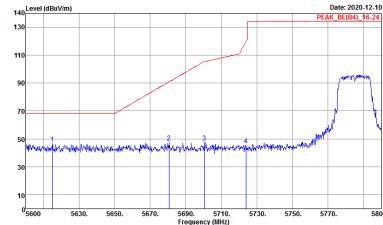
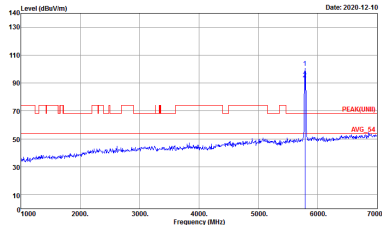
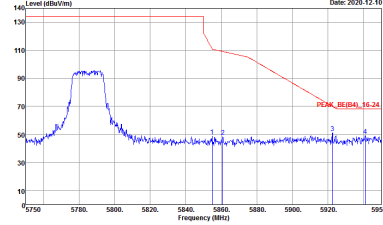
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

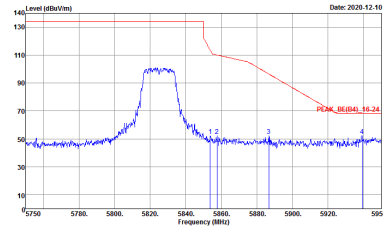
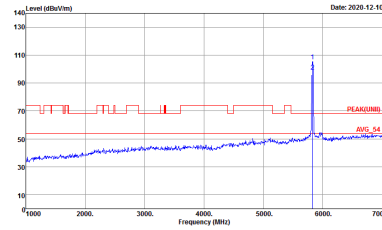
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



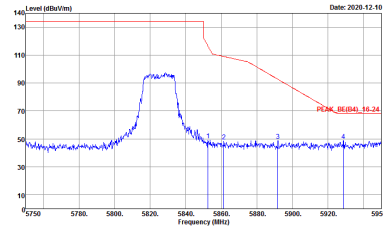
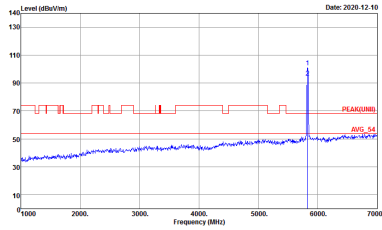
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

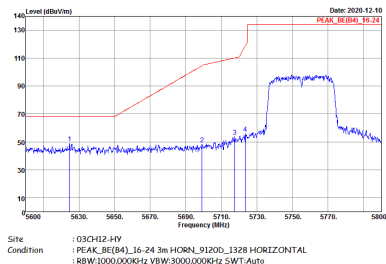
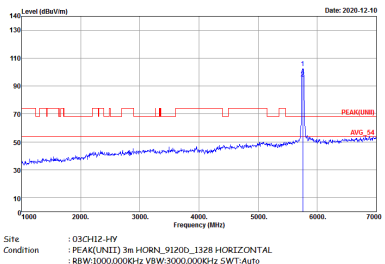
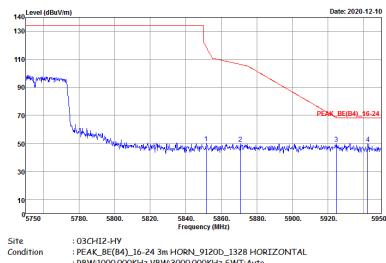
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

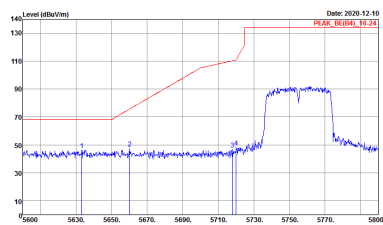
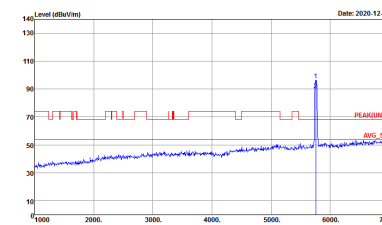
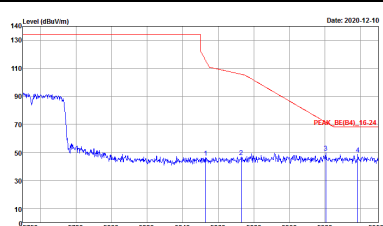
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-4NY Condition : PEAK(FUND)_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>

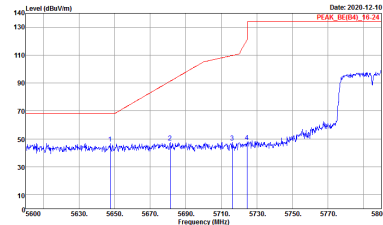
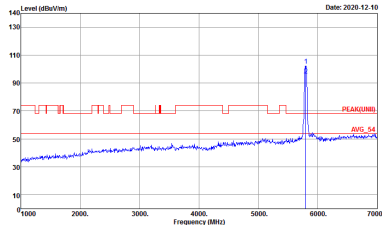
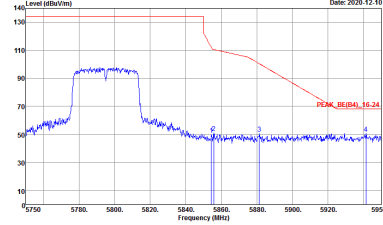


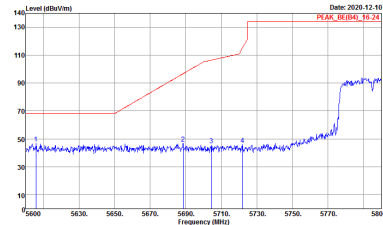
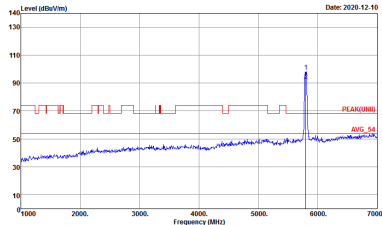
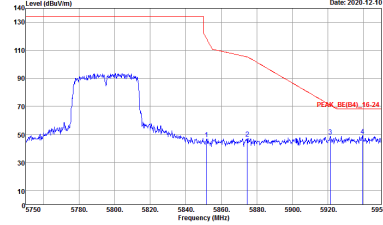
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-4NY Condition : PEAK(FB)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>

Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK_UNI(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

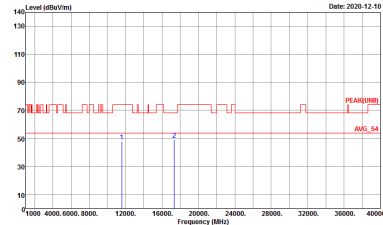
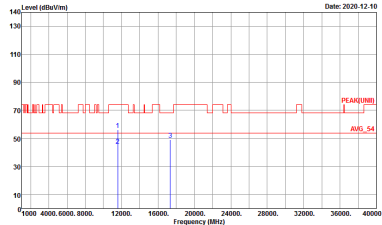
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



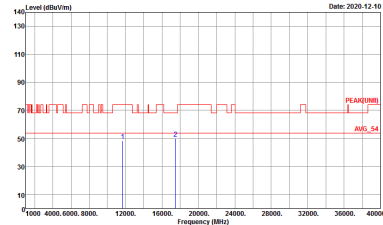
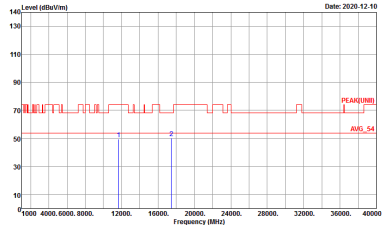
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	<p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

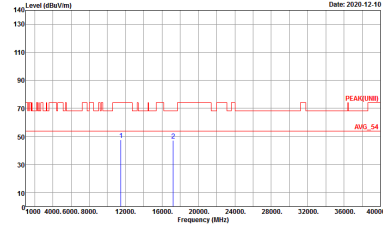
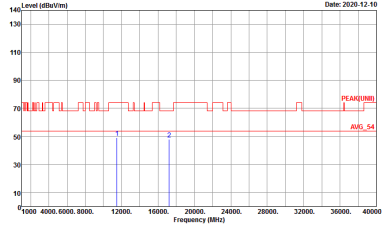


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

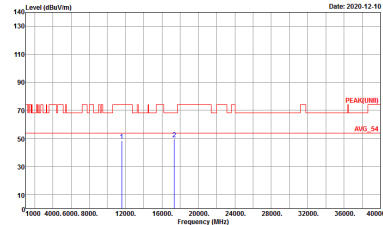
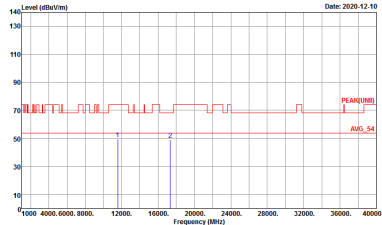


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

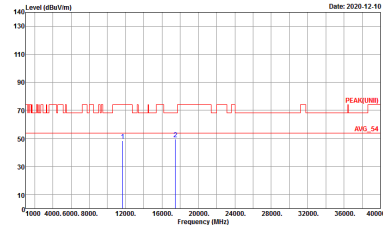
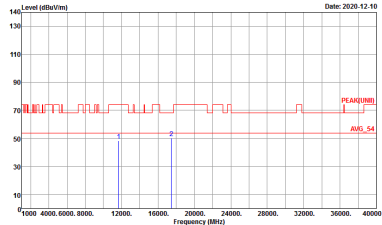
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

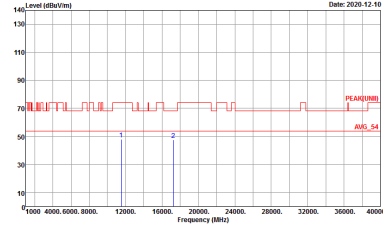
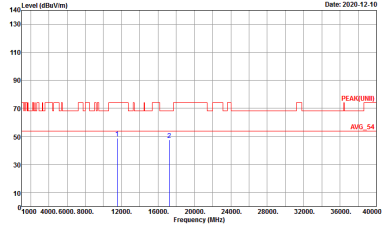


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

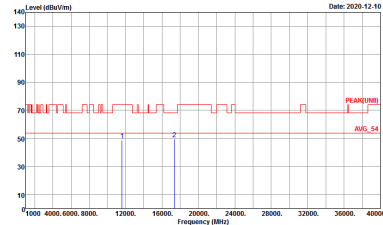
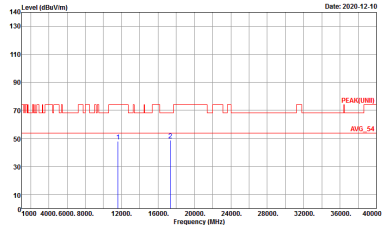


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

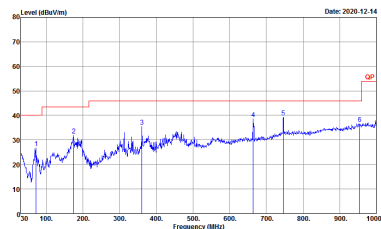
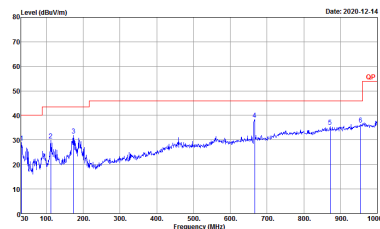
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

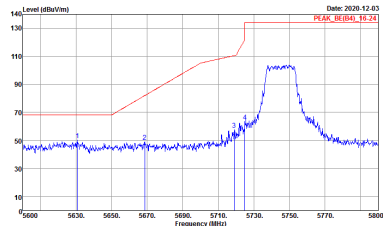
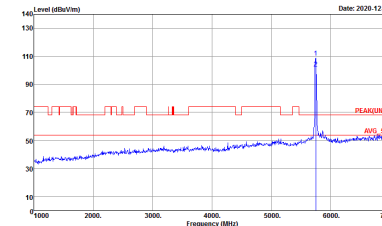
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 VERTICAL</p>

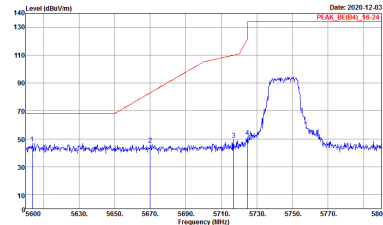
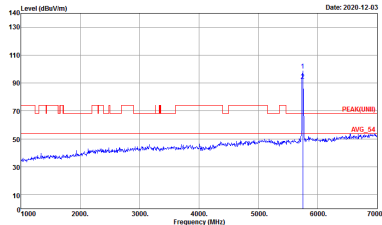


<Sample 2>
<Dipole Antenna>

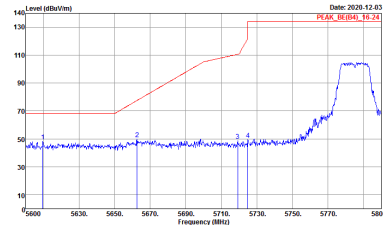
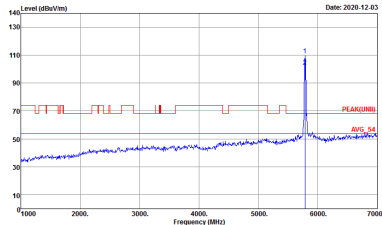
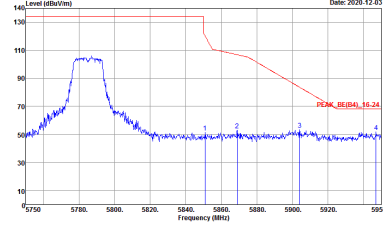
Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

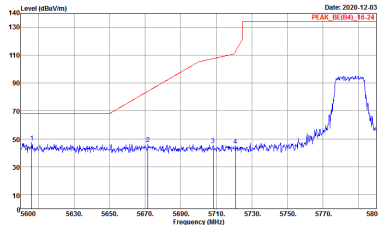
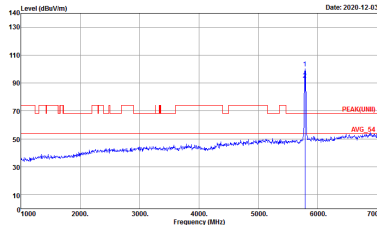
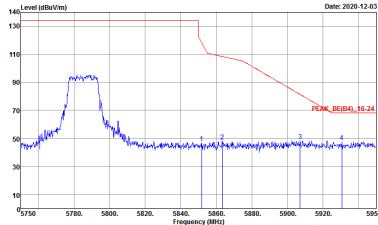
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Fundamental
Peak	<div><p>Site: 03CH12-11Y Condition: PEAK_8E(B4)_16-24 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto</p><p>Date: 2020-12-03 PEAK_RE(B4)_16-24</p></div>	<div><p>Site: 03CH12-11Y Condition: PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto</p><p>Date: 2020-12-03 PEAK(UNIT)</p></div>



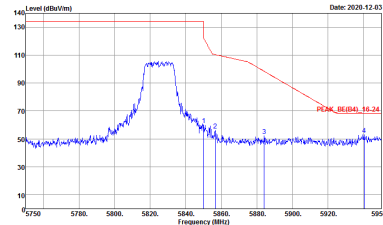
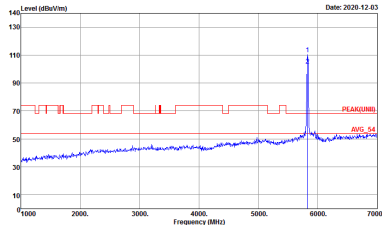
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-11Y Condition : PEAK_BE(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-11Y Condition : PEAK(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>



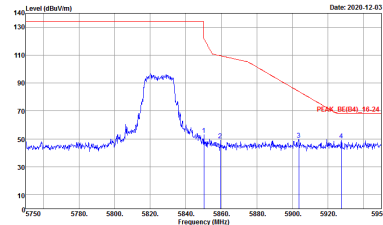
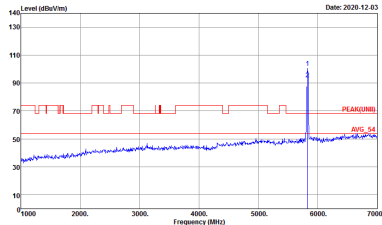
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Fundamental
Peak	<div><p>Site : 03CH12-4Y Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4Y Condition : PEAK(FUND)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>



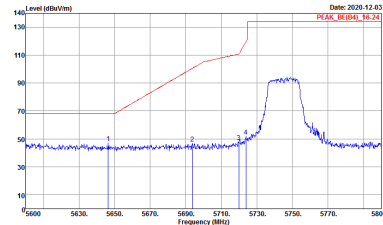
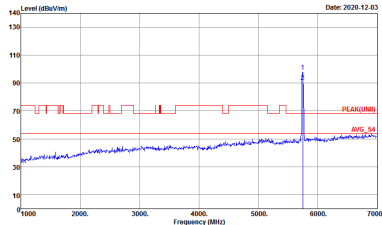
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK(FUND)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>



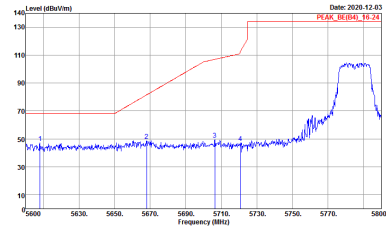
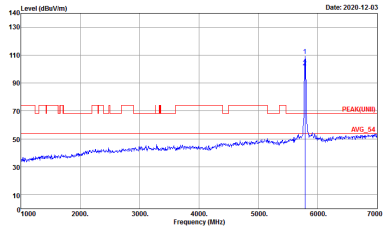
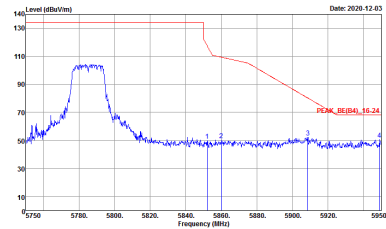
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Fundamental
Peak	<div><p>140 Level (dBuV/m)</p><p>Date: 2020-12-03</p><p>PEAK_16(105)_15-20</p><p>Site : 03CH12-HY Condition : PEAK_BE(84)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>	<div><p>140 Level (dBuV/m)</p><p>Date: 2020-12-03</p><p>PEAK(UNIT)</p><p>AVG_54</p><p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>

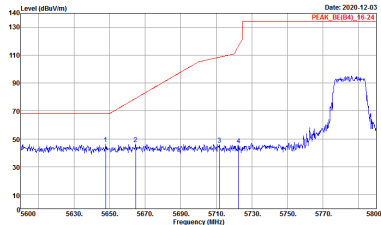
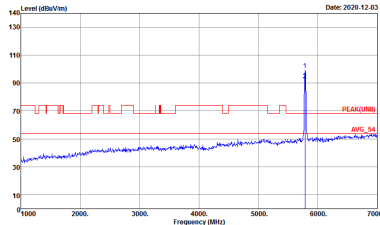
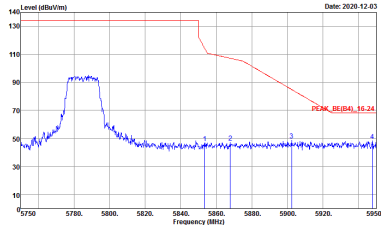


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-11Y Condition : PEAK_BE(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-11Y Condition : PEAK(149) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

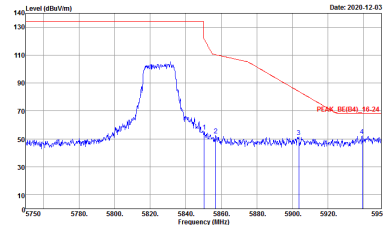
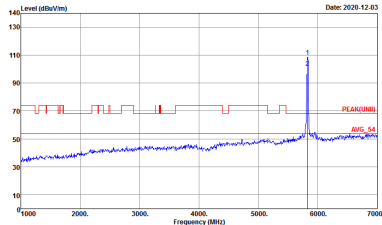


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site: 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2020-12-03</p>	 <p>Site: 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2020-12-03</p>
	 <p>Site: 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2020-12-03</p>	Left blank

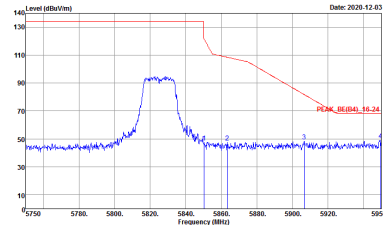
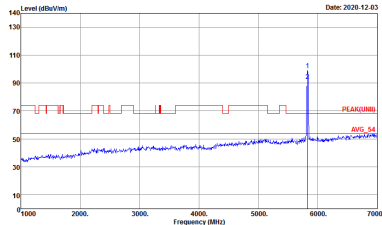


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

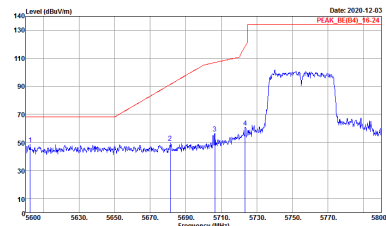
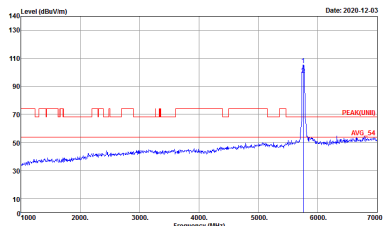
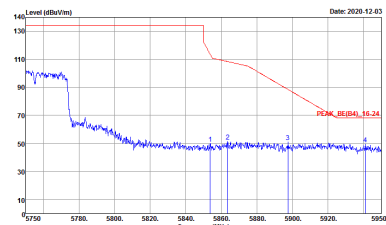


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Fundamental
Peak	<div><p>Site : 03CH12-4Y Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

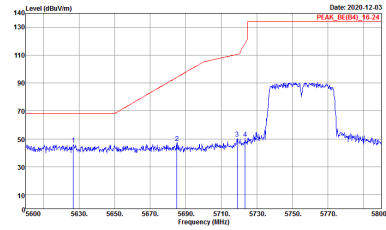
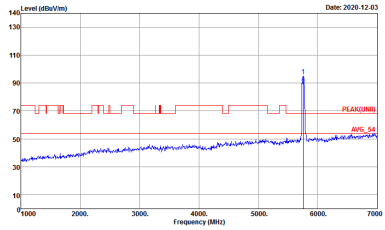
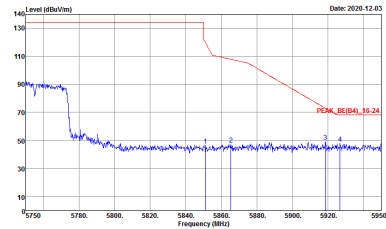


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>

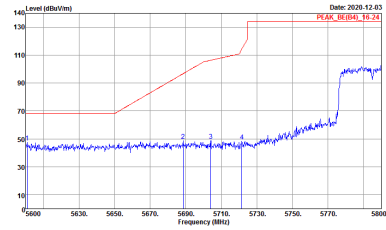
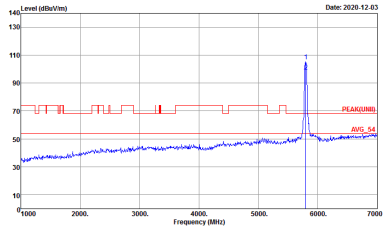
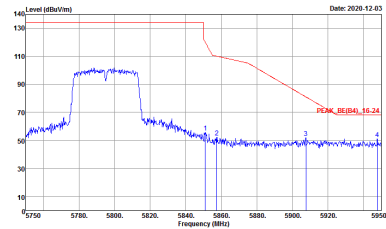
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

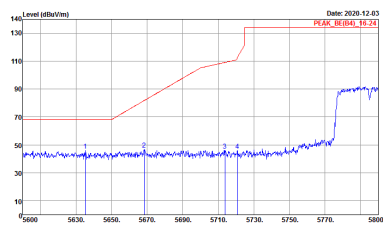
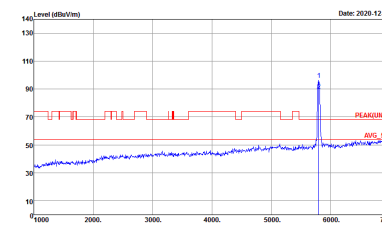
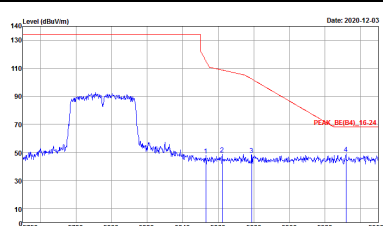
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

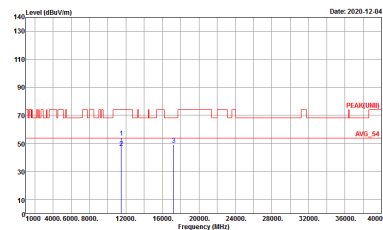



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Fundamental
Peak	 <p>Site: 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site: 03CH12-HY Condition: PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site: 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH12-1HY : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site Condition : 03CH12-1HY : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site Condition : 03CH12-1HY : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



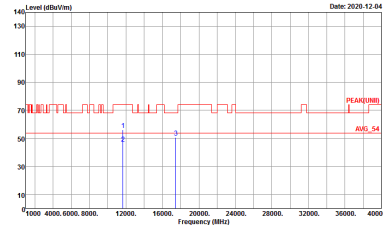
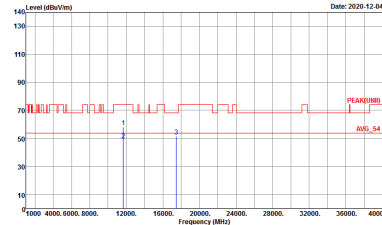
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

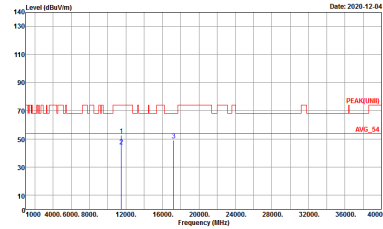
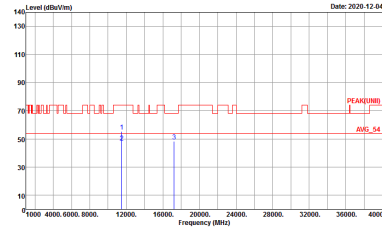


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK[UNIT] 3m HORN_91200_1328 HORIZONTAL</p>	<p>Site : 03CH12-HY Condition : PEAK[UNIT] 3m HORN_91200_1328 VERTICAL</p>

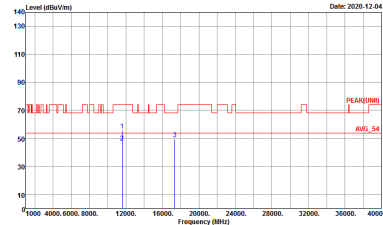
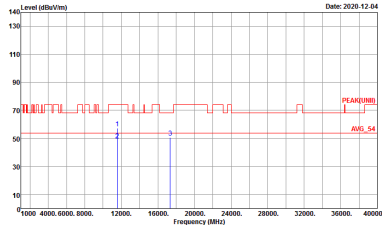


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

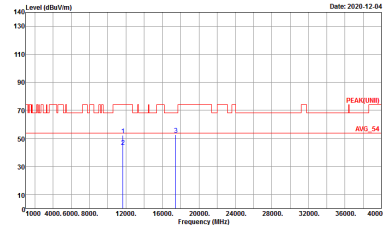
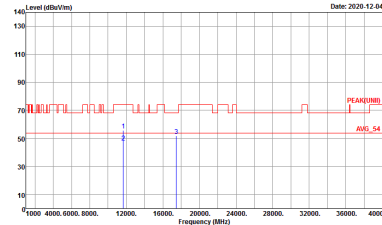
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

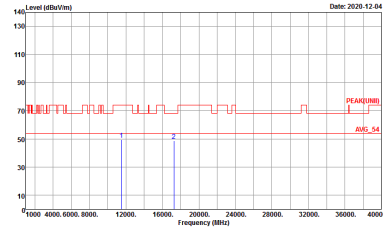
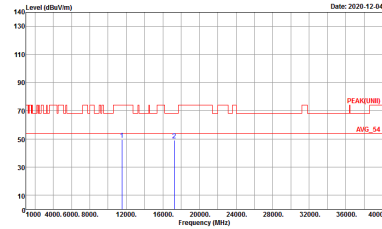


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK[UNIT] 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK[UNIT] 3m HORN_91200_1328 VERTICAL</p>

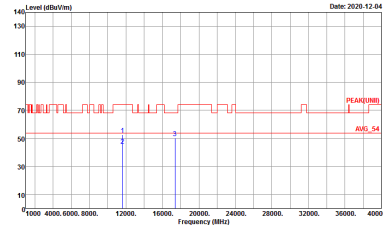
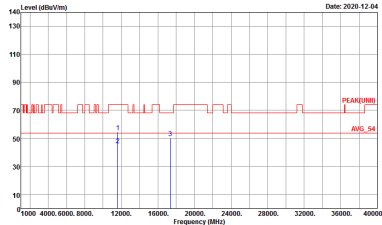


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

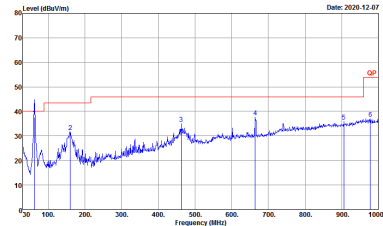
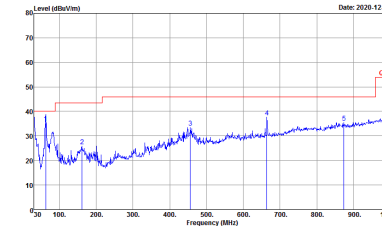
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

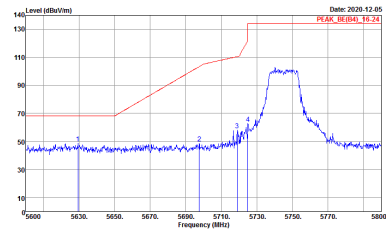
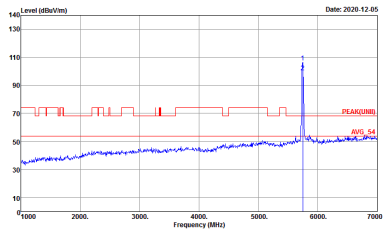
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 VERTICAL</p>

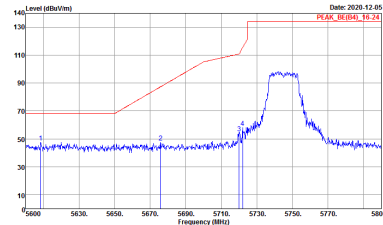
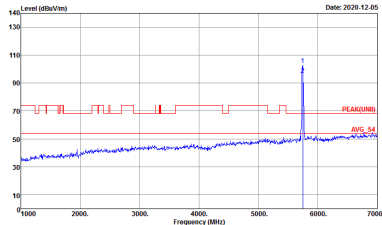


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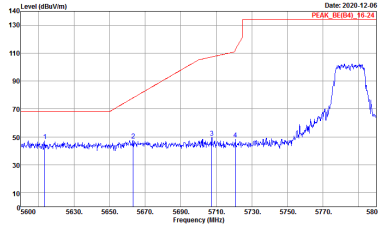
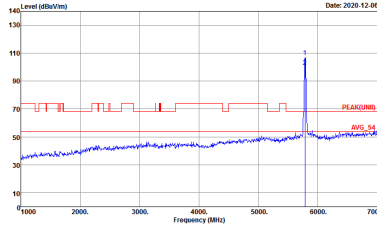
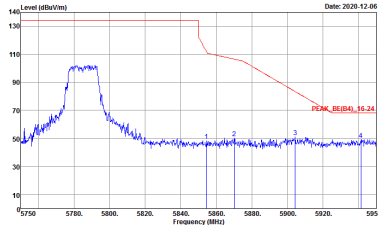
Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-11Y Condition : PEAK_RE(10)_16-24 3m HORN_91200_1328 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto</p>	 <p>Site : 03CH12-11Y Condition : PEAK_RE(10)_16-24 3m HORN_91200_1328 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto</p>

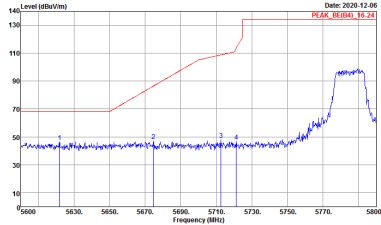
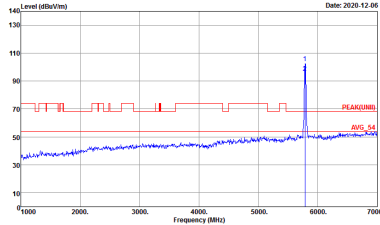
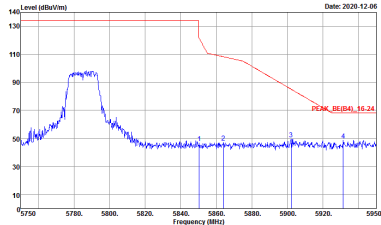


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

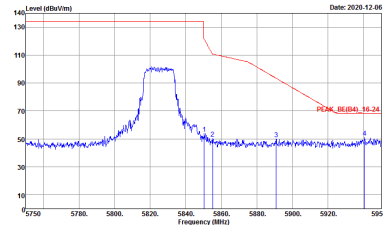
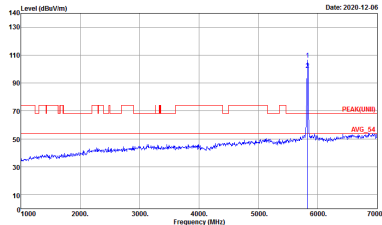


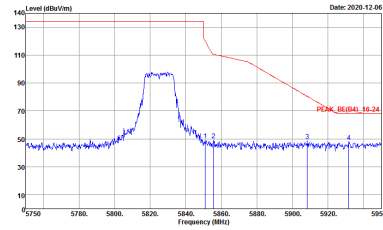
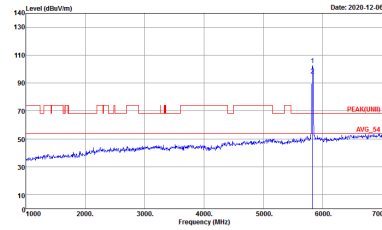
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



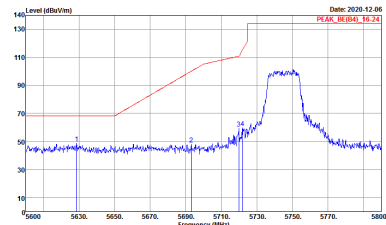
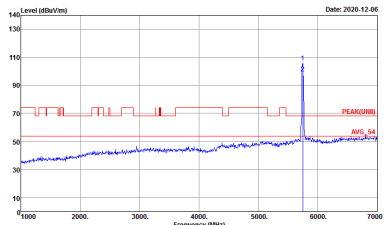
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK(FUND)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

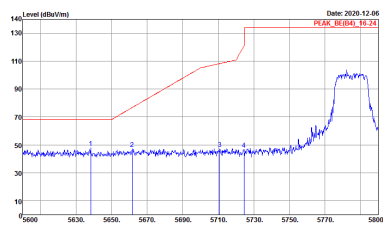
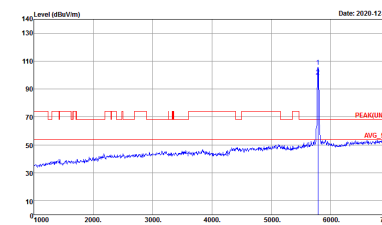
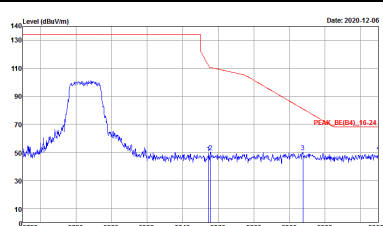
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-4NY Condition : PEAK(FUND) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>

Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

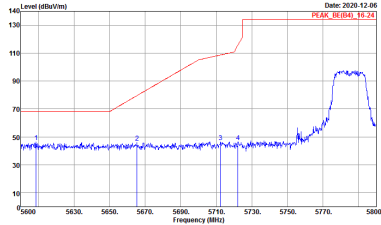
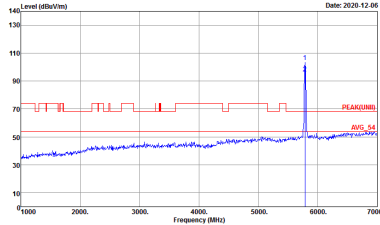
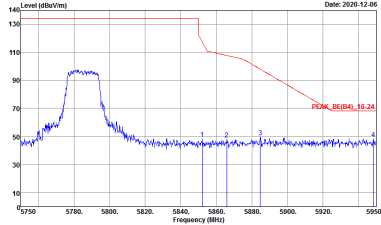
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>



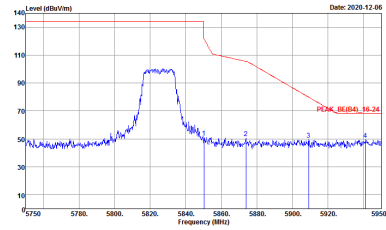
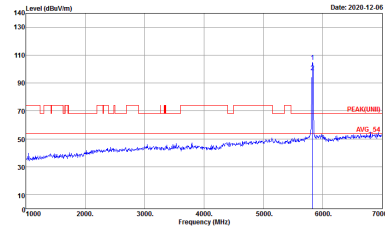
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(149)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div>

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

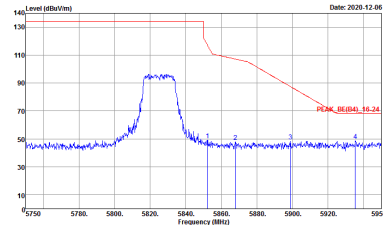
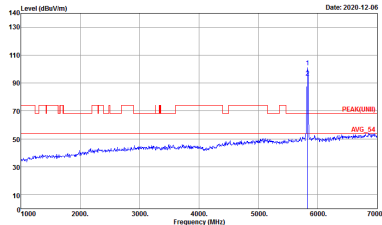


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

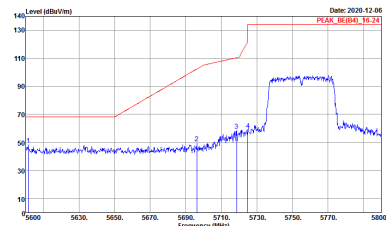
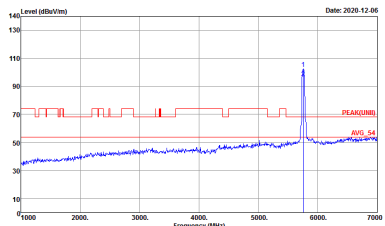
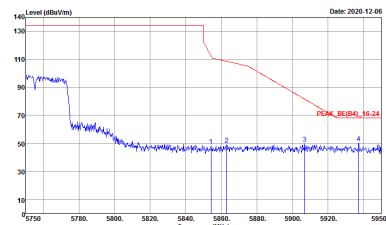


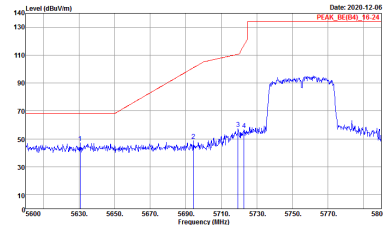
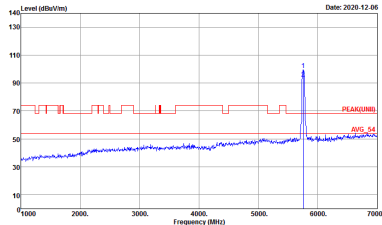
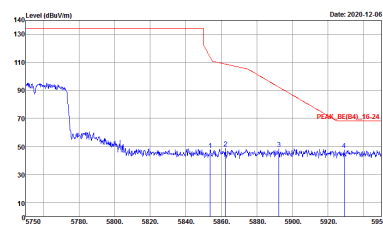
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Fundamental
Peak	<div><p>Site : 03CH12-4Y Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4Y Condition : PEAK(FUND)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>

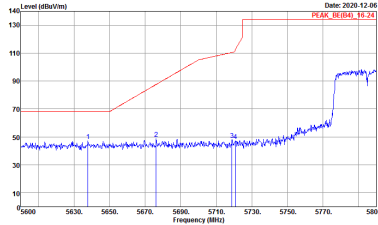
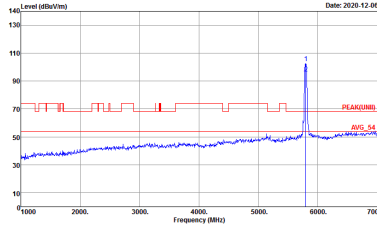
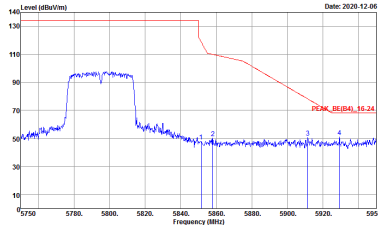


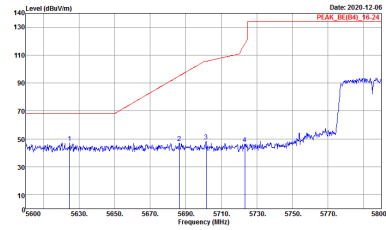
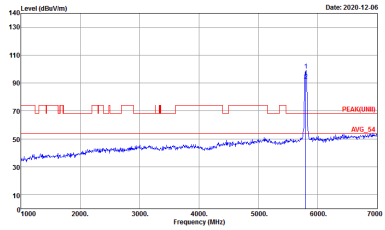
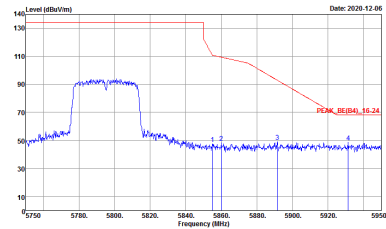
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Vertical	Fundamental
Peak	<div><p>Site : 03CH12-4NY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>	<div><p>Site : 03CH12-4NY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>

Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

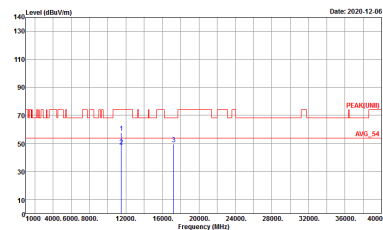

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank

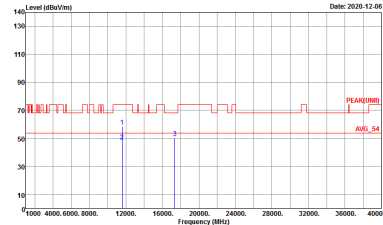
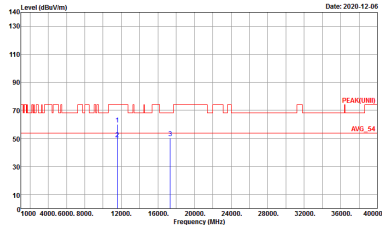
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



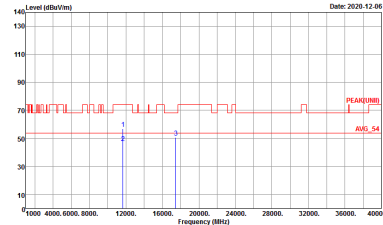
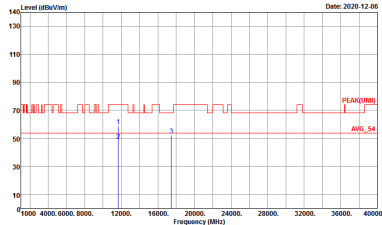
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

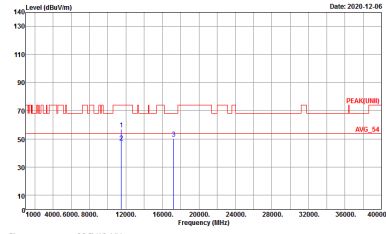
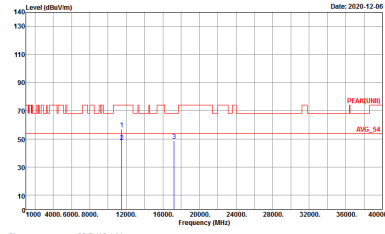


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

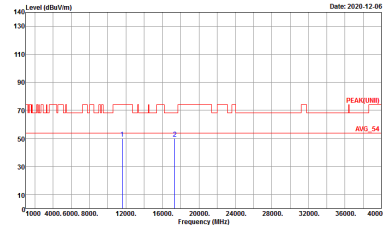
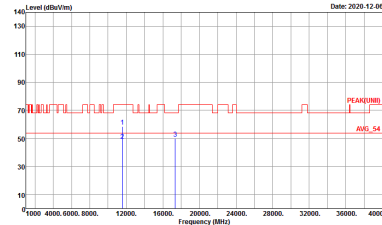


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

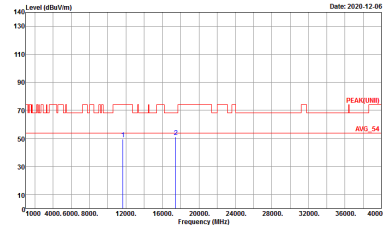
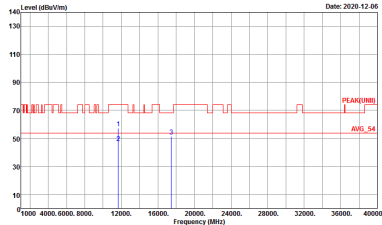
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

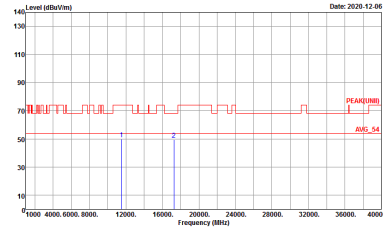
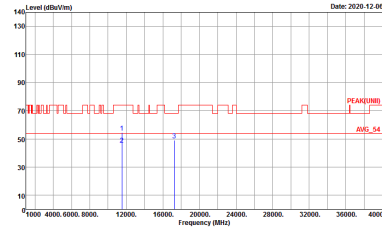


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

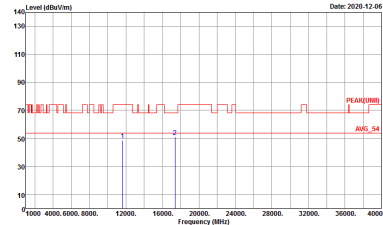
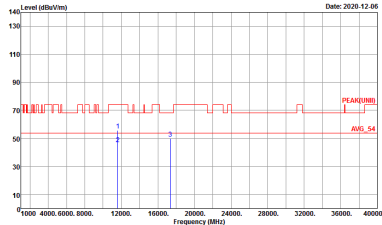


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

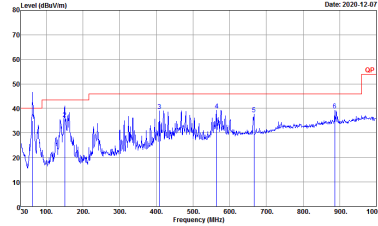
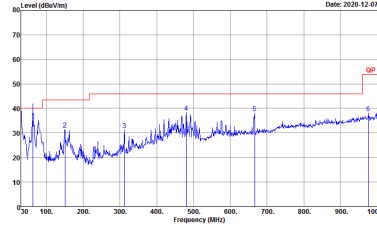
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL</p>

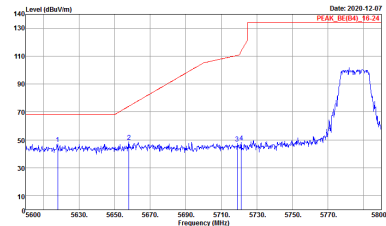
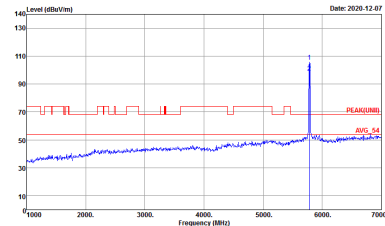
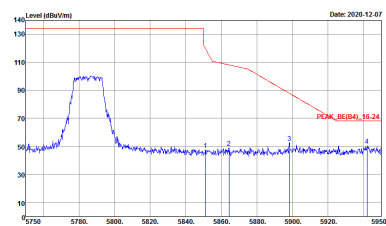
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH12-HY Condition : QP 3m B1LO6_6111D_37059 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : QP 3m B1LO6_6111D_37059 VERTICAL</p>

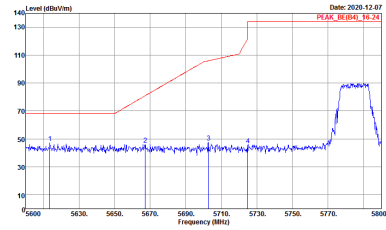
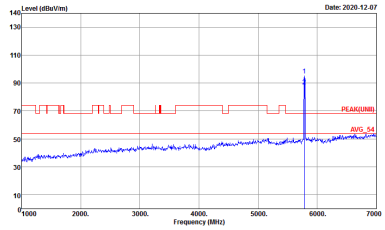
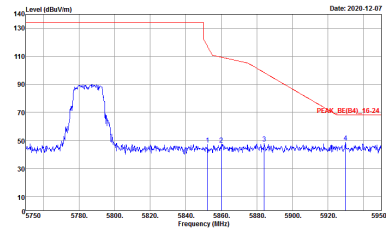


<Sample 3>
<Dipole Antenna>

Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

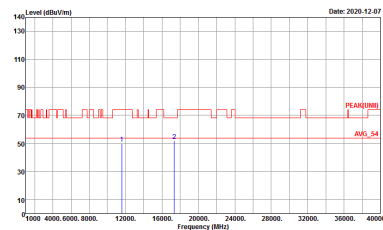
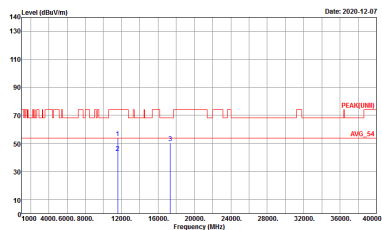
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH12-4HY : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH12-4HY : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Site Condition : 03CH12-4HY : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



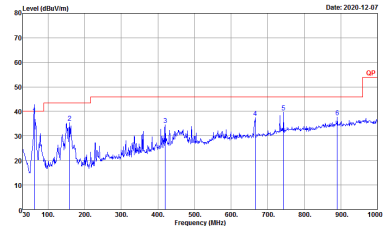
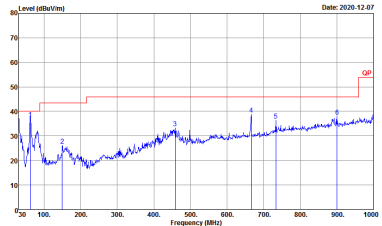
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH12-11Y : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site Condition : 03CH12-11Y : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site Condition : 03CH12-11Y : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site Condition : 03CH12-HY : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	 <p>Site Condition : 03CH12-HY : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

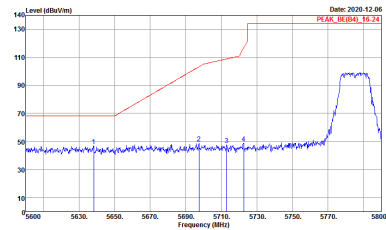
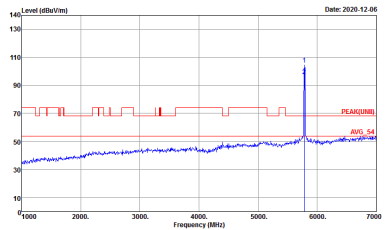
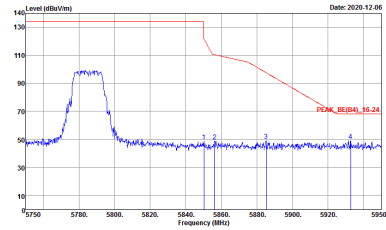
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 VERTICAL</p>

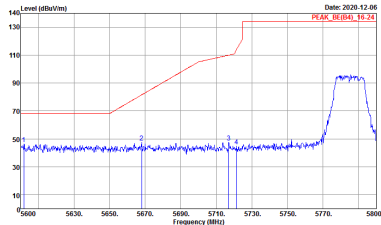
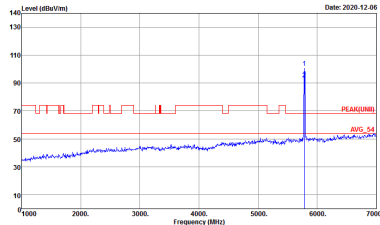
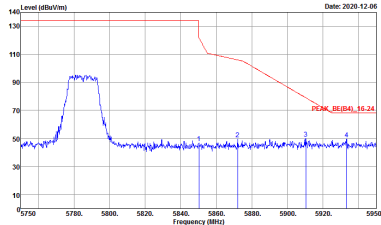


<PIFA Antenna>

Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

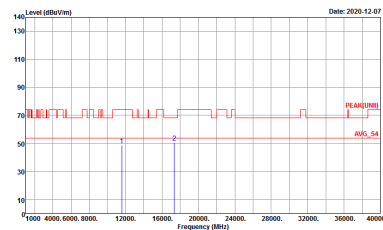
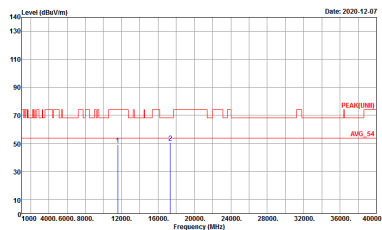
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1328 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1328 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1328 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>	Left blank



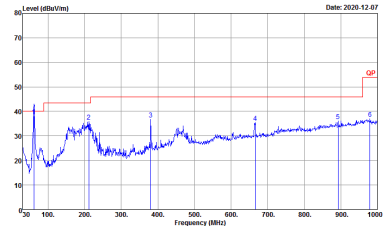
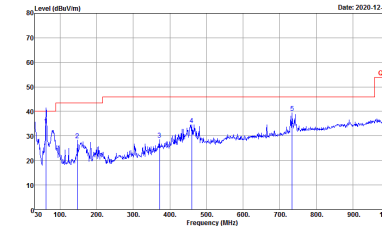
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL</p>

Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 VERTICAL</p>



Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	94.09	2070	0.48	1kHz	0.26
5GHz 802.11n HT20	93.66	1920	0.52	1kHz	0.28
5GHz 802.11n HT40	87.96	950	1.05	3kHz	0.56

