

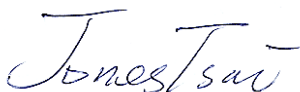
FCC RADIO TEST REPORT

FCC ID : MSQI001D
Equipment : ASUS Phone(Mobile Phone)
Brand Name : ASUS
Model name : ASUS_I001D
ASUS_I001DC
Applicant : ASUSTeK COMPUTER INC.
4F, No. 150, LI-TE RD., PEITOU, TAIPEI, TAIWAN
Manufacturer : Guangdong Enok Communication Co., Ltd.
No. 137, 139, Lixiang Road., Songmushan Village, Dalang
Town, Dongguan City, Guangdong Province, China
Standard : FCC Part 15 Subpart E §15.407

The product was received on Mar. 13, 2019 and testing was started from May 15, 2019 and completed on Jul. 18, 2019. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

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



Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR931316F	01	Initial issue of report	Jul. 19, 2019

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 4.10 dB at 11550.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 7.91 dB at 13.560 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: Elise Chang

1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WWAN: PIFA Antenna WLAN <Ant. 0>: PIFA Antenna <Ant. 1>: PIFA Antenna <Ant. 2>: PIFA Antenna <Ant. 3>: PIFA Antenna Bluetooth: PIFA Antenna GPS / Glonass / BDS / Galileo: PIFA Antenna NFC: Loop Antenna FM: Using Earphone as Antenna

<Sample Information>

Sample	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Confi	8G/256GB	12G/512GB	12G/512GB	12G/128GB	12G/256GB
LCD+ Touch module	TIANMA/TA066VVH M01-00 ON CELL	TIANMA/TA066VVH M01-00 ON CELL	TIANMA/TA066VVH M01-00 ON CELL	TIANMA/TA066VVH M01-00 ON CELL	TM/TA066VVHM01-00 2.0 ON CELL
Front Camera 24M	AZUREWAVE/AM-9B F8N01-A	SUNWIN/SWCG572 Y0DAB-VA	AZUREWAVE/AM-9B F8N01-A	SUNWIN/SWCG572Y 0DAB-VA	SUNWIN/SWCG572 Y0DAB-VA
Rear Camera 48M	O FILM/OSS1588	LUXVISIONS/9BAL0 2P3	O FILM/OSS1588	PRIMAX/50-704J1AS C8	LUXVISIONS/9BAL0 2P3
Finger print	ACE TW/9105-260002101	ACE TW/9105-260002101	ACE TW/9105-260002101	ACE TW/9105-260002101	ACE TW/9105-260002101
BATT	SCUD/C11P1901	SCUD/C11P1901	SCUD/C11P1901	SCUD/C11P1901	SCUD/C11P1901
CPU	QUALCOMM 893MPSP/SM-8150-1-893BMPSP-TR-03-0-AB	QUALCOMM 893MPSP/SM-8150-1-893BMPSP-TR-03-0-AB	QUALCOMM 893MPSP/SM-8150-1-893BMPSP-TR-03-0-AB	QUALCOMM 893MPSP/SM-8150-1-MPSP893-TR-03-0-AC	QUALCOMM 893MPSP/SM-8150-5-MPSP893-TR-03-0-AC
DDR	SAMSUNG/K3UH7H 70AM-AGCL	SAMSUNG/K3UHAH A0AM-AGCL	SAMSUNG/K3UHAH A0AM-AGCL	SAMSUNG/K3UHAH A0AM-AGCL	SAMSUNG/K3UHAH A0AM-AGCL
UFS	Samsung/KLUEG8U 1EA-B0C1	Samsung/KLUFG8R 1EM-B0C1	Samsung/KLUFG8R 1EM-B0C1	SAMSUNG KLUDG4UHDB-B2D1	HYNIX/H28S9O302 BMR

1.2 Modification of EUT

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



1.3 Testing Location

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

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	03CH16-HY	

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

FCC designation No.: TW1190 and TW0007

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Calling Mode: Y plane with bottom port for Ant. 3, Z plane with bottom port for MIMO Ant. 0+3, Z plane with side port for Ant. 0; Camera Mode: Y plane with bottom port for Ant. 3 and MIMO Ant. 3+2, Z plane with side port for Ant. 2; Gaming Mode: Y plane with bottom port for Ant. 1, Z plane with bottom port for MIMO Ant. 0+1) 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
	155 [#]	5775	165	5825

Note:

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

2.2 Test Mode

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

Single Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

Test Cases

AC Conducted Emission	Mode 1 : GSM 850 Idle + Bluetooth Link + WLAN (5GHz) Link + X mode + Aura sync + NFC On + MPEG4 (Color Bar) + Earphone 3 + Inbox 1 (Charging from Adapter via USB Cable) + Fan on (Max.) + SIM 1 for Sample 3
Remark: For Radiated Test Cases, the tests were performed with Earphone 1 and Sample 3	

Ch. #		Band IV : 5725-5850 MHz			
		802.11a	802.11n HT20	802.11n HT40	802.11ac VHT80
L	Low	149	149	151	-
M	Middle	157	157	-	155
H	High	165	165	159	-

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY700A2029	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	ASUS	Unshielded, 1.8 m
4.	Notebook	DELL	Latitude E6320	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
6.	Earphone 3	ASUS	EA010	FCC DoC	Unshielded, 1.2 m	N/A



2.5 EUT Operation Test Setup

The RF test items, utility “QRCT Version3.0.271.0” 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.

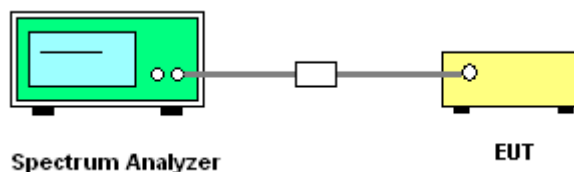
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

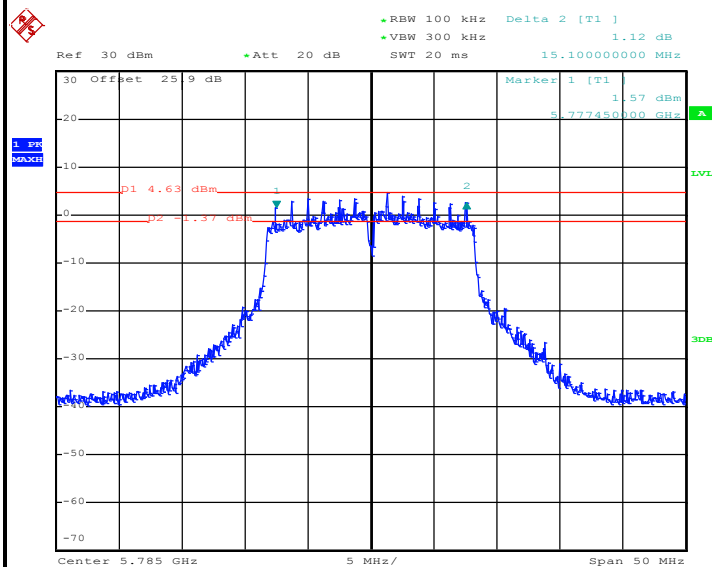
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section C) Emission bandwidth for the band 5.725-5.85GHz
2. Set RBW = 100kHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is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

3.1.4 Test Setup

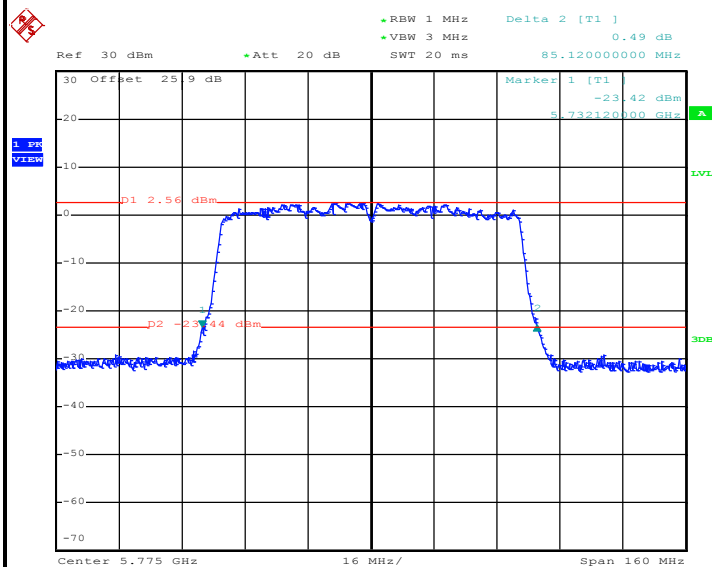


3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

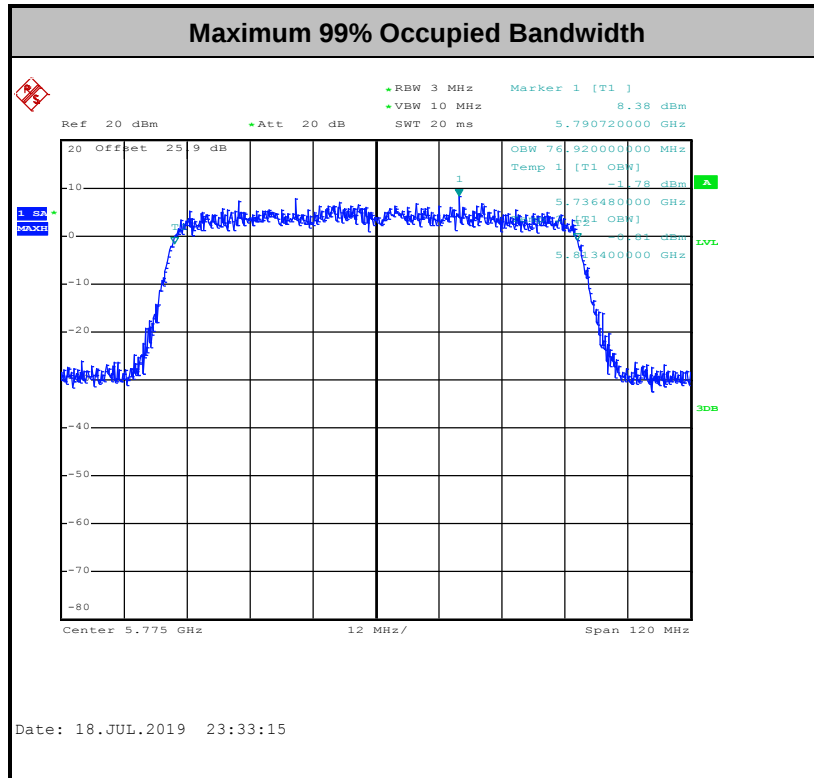
Please refer to Appendix A.

**Minimum 6dB Bandwidth**

Date: 18.JUL.2019 19:58:18

Maximum 26dB Bandwidth

Date: 18.JUL.2019 23:35:12



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 for TXBF modes.

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-2

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

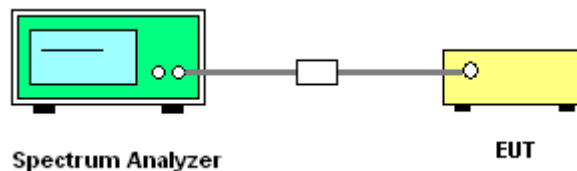
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz.
- Set VBW $\geq$ 1 MHz.
- Number of points in sweep $\geq$ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add $10 \log(500\text{kHz}/\text{RBW})$ to the test result.
- Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (c): Measure and add $10 \log(N_{\text{ANT}})$ dB.

With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{\text{ANT}})$ dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{\text{ANT}}^{\text{th}}$ of the PSD limit.

3.3.4 Test Setup

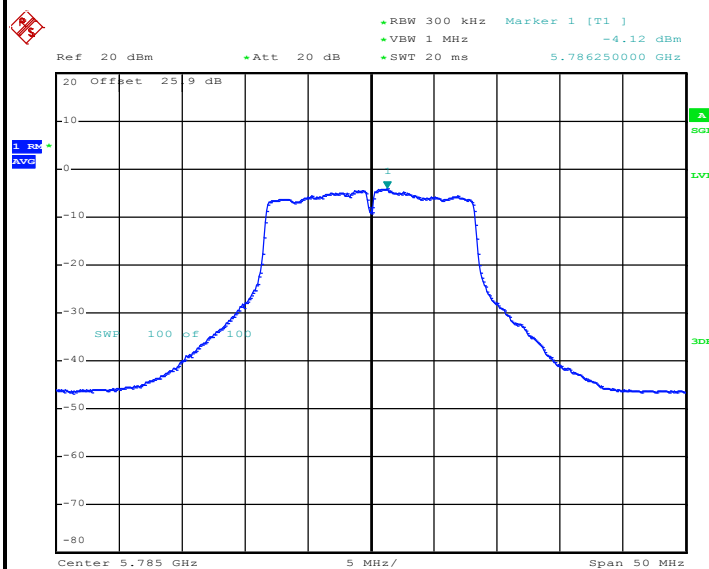


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

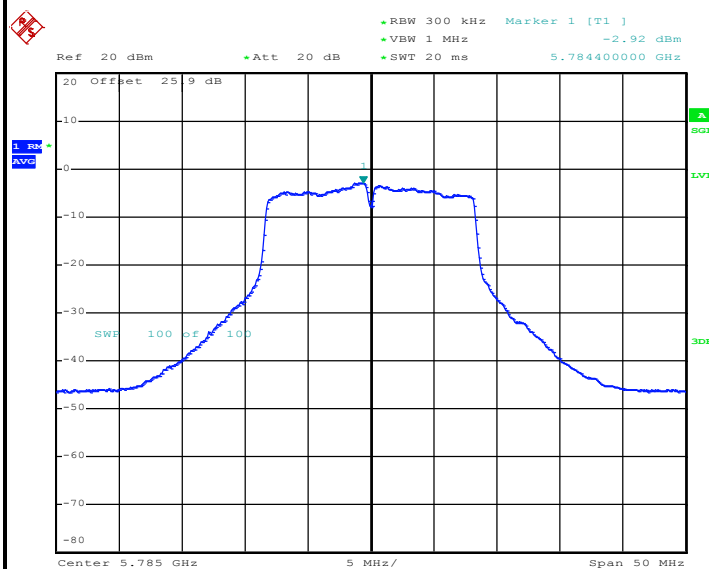


Worst Case Power Density (dBm/MHz) for MIMO Ant. 1



Date: 18.JUL.2019 20:41:59

Worst Case Power Density (dBm/MHz) for MIMO Ant. 2



Date: 18.JUL.2019 20:45:30

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.

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

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

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

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.³
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.⁴

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

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

3.4.2 Measuring Instruments

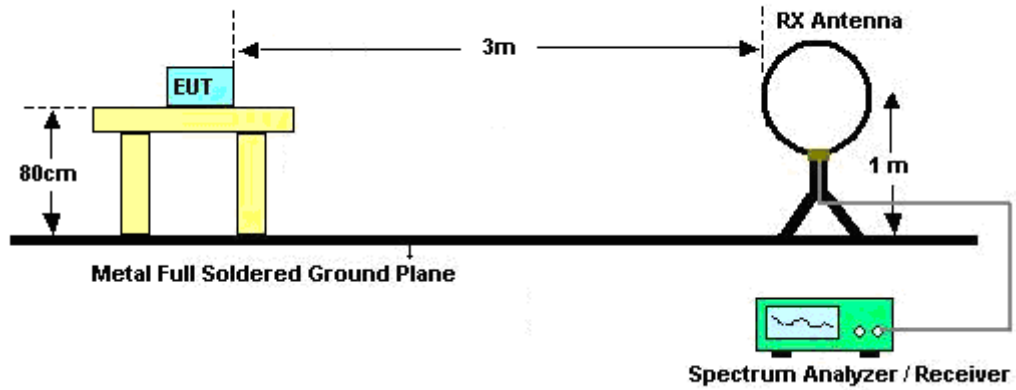
See list of measuring equipment of this test report.

3.4.3 Test Procedures

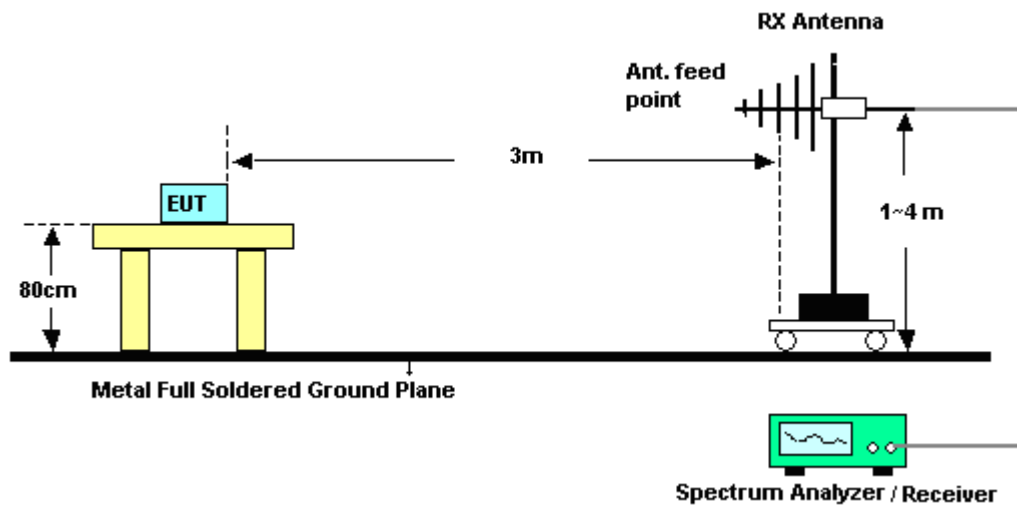
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 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

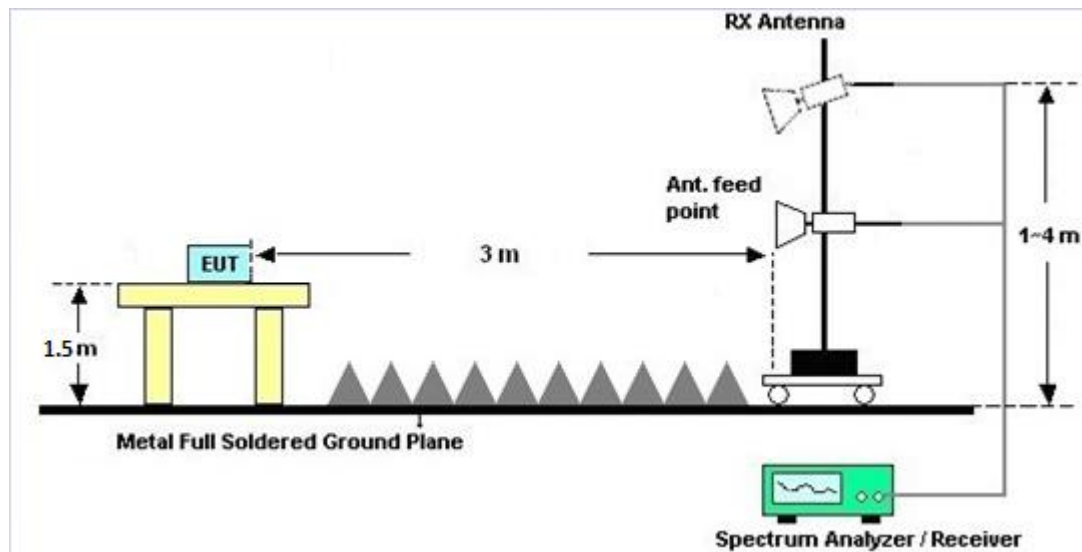
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions 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

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

CDD Mode	EUT Mode	Antenna Information				MMIO Gain		Max Value	
		Ant. 0 (dBi)	Ant. 1 (dBi)	Ant. 2 (dBi)	Ant. 3 (dBi)	DG for Power	DG for PSD	DG for Power	DG for PSD
Band IV	Calling	-0.2	-	-	-1	-0.2	2.42	2.20	4.09
	Camera	-	-	2.2	-1	2.2	3.76		
	Gaming	-0.2	1.3	-	-	1.3	3.59		
	Normal	-0.2	-	2.2	-	2.2	4.09		

Power Limit Reduction = $DG(\text{Power}) - 6\text{dBi}$, (min = 0)

PSD Limit Reduction = $DG(\text{PSD}) - 6\text{dBi}$, (min = 0)

Remark: Use the max value composite gain in this report.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	DARE	RPR3006W	13I00030S NO32	9kHz~6GHz	Dec. 03, 2018	May 15, 2019~ Jul. 18, 2019	Dec. 02, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2018	May 15, 2019~ Jul. 18, 2019	Nov. 20, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC120838 2	N/A	Mar. 27, 2019	May 15, 2019~ Jul. 18, 2019	Mar. 26, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 14, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 12, 2018	Jun. 14, 2019	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Jun. 14, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Jun. 14, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 14, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	Jun. 14, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	Jun. 14, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 11, 2019	May 22, 2019~ Jun. 27, 2019	Jan. 10, 2020	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&0 0802N1D01N- 06	47020&06	30MHz to 1GHz	Oct. 13, 2018	May 22, 2019~ Jun. 27, 2019	Oct. 12, 2019	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-152 2	1G~18GHz	Sep. 07, 2018	May 22, 2019~ Jun. 27, 2019	Sep. 06, 2019	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 251	18GHz ~ 40GHz	Nov. 20, 2018	May 22, 2019~ Jun. 27, 2019	Nov. 19, 2019	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1000MHZ	Oct. 02, 2018	May 22, 2019~ Jun. 27, 2019	Oct. 01, 2019	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055007	1GHz~18GHz	Apr. 01, 2019	May 22, 2019~ Jun. 27, 2019	Mar. 31, 2020	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY532702 64	1GHz~26.5GHz	Dec. 12, 2018	May 22, 2019~ Jun. 27, 2019	Dec.11, 2019	Radiation (03CH16-HY)
Amplifier	MITEQ	TTA1840-35- HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	May 22, 2019~ Jun. 27, 2019	Jul. 15, 2019	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY572901 11	3Hz~26.5GHz	Nov. 29, 2018	May 22, 2019~ Jun. 27, 2019	Nov. 28, 2019	Radiation (03CH16-HY)
Spectrum Analyzer	Agilent	N9010A	MY542004 86	10Hz~44GHz	Oct. 19, 2018	May 22, 2019~ Jun. 27, 2019	Oct. 18, 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	MY1082/2 6EA	30M-18G	Oct. 15, 2018	May 22, 2019~ Jun. 27, 2019	Oct. 14, 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/ 4	30M-18G	Feb. 26, 2019	May 22, 2019~ Jun. 27, 2019	Feb. 25, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/ 4	30M~18GHz	Apr. 15, 2019	May 22, 2019~ Jun. 27, 2019	Apr. 14, 2020	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	May 22, 2019~ Jun. 27, 2019	N/A	Radiation (03CH16-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.20
--	------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90
--	------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.80
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.90
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	CreedWu	Temperature:	21~25	°C
Test Date:	2019/5/15~07/18	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

Band IV												
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	16.80	16.65	24.55	24.50	15.50	15.50	0.5	Pass
11a	6Mbps	1	157	5785	16.70	16.75	24.05	24.55	15.10	15.30	0.5	Pass
11a	6Mbps	1	165	5825	16.70	16.70	24.10	24.30	15.30	15.20	0.5	Pass
HT20	MCS0	1	149	5745	17.90	17.85	26.00	25.70	15.95	16.80	0.5	Pass
HT20	MCS0	1	157	5785	17.90	17.90	26.00	25.55	15.95	15.10	0.5	Pass
HT20	MCS0	1	165	5825	17.85	17.90	26.10	25.45	16.00	16.75	0.5	Pass
HT40	MCS0	1	151	5755	36.70	36.60	41.94	41.83	35.73	35.36	0.5	Pass
HT40	MCS0	1	159	5795	36.50	36.60	41.94	41.94	35.12	35.59	0.5	Pass
VHT80	MCS0	1	155	5775	76.92	76.80	84.80	84.36	75.20	75.20	0.5	Pass
11a	6Mbps	2	149	5745	16.70	16.65	24.55	23.85	15.55	15.10	0.5	Pass
11a	6Mbps	2	157	5785	16.70	16.70	24.75	24.95	15.50	15.40	0.5	Pass
11a	6Mbps	2	165	5825	16.70	16.60	24.80	23.90	15.30	15.10	0.5	Pass
HT20	MCS0	2	149	5745	17.95	17.80	26.35	25.50	16.50	15.95	0.5	Pass
HT20	MCS0	2	157	5785	17.85	17.85	26.05	25.45	16.75	16.00	0.5	Pass
HT20	MCS0	2	165	5825	17.95	17.85	26.55	25.25	16.75	15.95	0.5	Pass
HT40	MCS0	2	151	5755	36.70	36.50	42.00	41.94	35.13	35.72	0.5	Pass
HT40	MCS0	2	159	5795	36.50	36.60	41.76	42.12	35.01	35.55	0.5	Pass
VHT80	MCS0	2	155	5775	76.92	76.80	85.12	82.88	73.92	75.20	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV												
Mod.	Data Rate	N _{TX}	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	14.60	14.70		30.00	30.00	-0.20	2.20	Pass
11a	6Mbps	1	157	5785	14.90	15.00		30.00	30.00	-0.20	2.20	Pass
11a	6Mbps	1	165	5825	14.80	14.90		30.00	30.00	-0.20	2.20	Pass
HT20	MCS0	1	149	5745	14.90	14.60		30.00	30.00	-0.20	2.20	Pass
HT20	MCS0	1	157	5785	14.70	14.90		30.00	30.00	-0.20	2.20	Pass
HT20	MCS0	1	165	5825	14.70	14.80		30.00	30.00	-0.20	2.20	Pass
HT40	MCS0	1	151	5755	14.90	14.70		30.00	30.00	-0.20	2.20	Pass
HT40	MCS0	1	159	5795	14.80	14.90		30.00	30.00	-0.20	2.20	Pass
VHT20	MCS0	1	149	5745	14.80	14.50		30.00	30.00	-0.20	2.20	Pass
VHT20	MCS0	1	157	5785	14.60	14.80		30.00	30.00	-0.20	2.20	Pass
VHT20	MCS0	1	165	5825	14.60	14.70		30.00	30.00	-0.20	2.20	Pass
VHT40	MCS0	1	151	5755	14.80	14.60		30.00	30.00	-0.20	2.20	Pass
VHT40	MCS0	1	159	5795	14.70	14.80		30.00	30.00	-0.20	2.20	Pass
VHT80	MCS0	1	155	5775	14.90	14.90		30.00	30.00	-0.20	2.20	Pass
11a	6Mbps	2	149	5745	11.20	12.10	14.68	30.00		2.20		Pass
11a	6Mbps	2	157	5785	11.60	12.30	14.97	30.00		2.20		Pass
11a	6Mbps	2	165	5825	11.50	12.30	14.93	30.00		2.20		Pass
HT20	MCS0	2	149	5745	11.60	12.30	14.97	30.00		2.20		Pass
HT20	MCS0	2	157	5785	11.50	12.30	14.93	30.00		2.20		Pass
HT20	MCS0	2	165	5825	11.30	12.10	14.73	30.00		2.20		Pass
HT40	MCS0	2	151	5755	11.20	12.20	14.74	30.00		2.20		Pass
HT40	MCS0	2	159	5795	11.30	11.90	14.62	30.00		2.20		Pass
VHT20	MCS0	2	149	5745	11.50	12.30	14.93	30.00		2.20		Pass
VHT20	MCS0	2	157	5785	11.40	12.30	14.88	30.00		2.20		Pass
VHT20	MCS0	2	165	5825	11.20	12.10	14.68	30.00		2.20		Pass
VHT40	MCS0	2	151	5755	11.10	12.10	14.64	30.00		2.20		Pass
VHT40	MCS0	2	159	5795	11.20	11.80	14.52	30.00		2.20		Pass
VHT80	MCS0	2	155	5775	11.20	12.00	14.63	30.00		2.20		Pass

TEST RESULTS DATA
Power Spectral Density

Band IV																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		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	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	0.09	0.10	2.22	2.22	1.27	1.61		30.00	30.00	-0.20	2.20	Pass
11a	6Mbps	1	157	5785	0.09	0.10	2.22	2.22	1.32	1.91		30.00	30.00	-0.20	2.20	Pass
11a	6Mbps	1	165	5825	0.09	0.10	2.22	2.22	1.12	1.71		30.00	30.00	-0.20	2.20	Pass
HT20	MCS0	1	149	5745	0.09	0.09	2.22	2.22	1.15	1.07		30.00	30.00	-0.20	2.20	Pass
HT20	MCS0	1	157	5785	0.09	0.09	2.22	2.22	0.85	1.41		30.00	30.00	-0.20	2.20	Pass
HT20	MCS0	1	165	5825	0.09	0.09	2.22	2.22	0.68	1.10		30.00	30.00	-0.20	2.20	Pass
HT40	MCS0	1	151	5755	0.17	0.18	2.22	2.22	-1.90	-1.83		30.00	30.00	-0.20	2.20	Pass
HT40	MCS0	1	159	5795	0.17	0.18	2.22	2.22	-1.91	-1.74		30.00	30.00	-0.20	2.20	Pass
VHT80	MCS0	1	155	5775	0.30	0.30	2.22	2.22	-5.08	-4.93		30.00	30.00	-0.20	2.20	Pass
11a	6Mbps	2	149	5745	0.09	0.09	2.22		-2.56	-1.11	1.90	30.00		4.09		Pass
11a	6Mbps	2	157	5785	0.09	0.09	2.22		-1.81	-0.61	2.40	30.00		4.09		Pass
11a	6Mbps	2	165	5825	0.09	0.09	2.22		-2.06	-0.71	2.30	30.00		4.09		Pass
HT20	MCS0	2	149	5745	0.10	0.09	2.22		-1.93	-0.62	2.39	30.00		4.09		Pass
HT20	MCS0	2	165	5825	0.10	0.09	2.22		-2.79	-1.37	1.64	30.00		4.09		Pass
HT40	MCS0	2	151	5755	0.17	0.36	2.22		-5.10	-4.02	-1.01	30.00		4.09		Pass
HT40	MCS0	2	159	5795	0.17	0.36	2.22		-5.64	-4.31	-1.30	30.00		4.09		Pass
VHT80	MCS0	2	155	5775	0.34	0.38	2.22		-8.48	-7.38	-4.37	30.00		4.09		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)



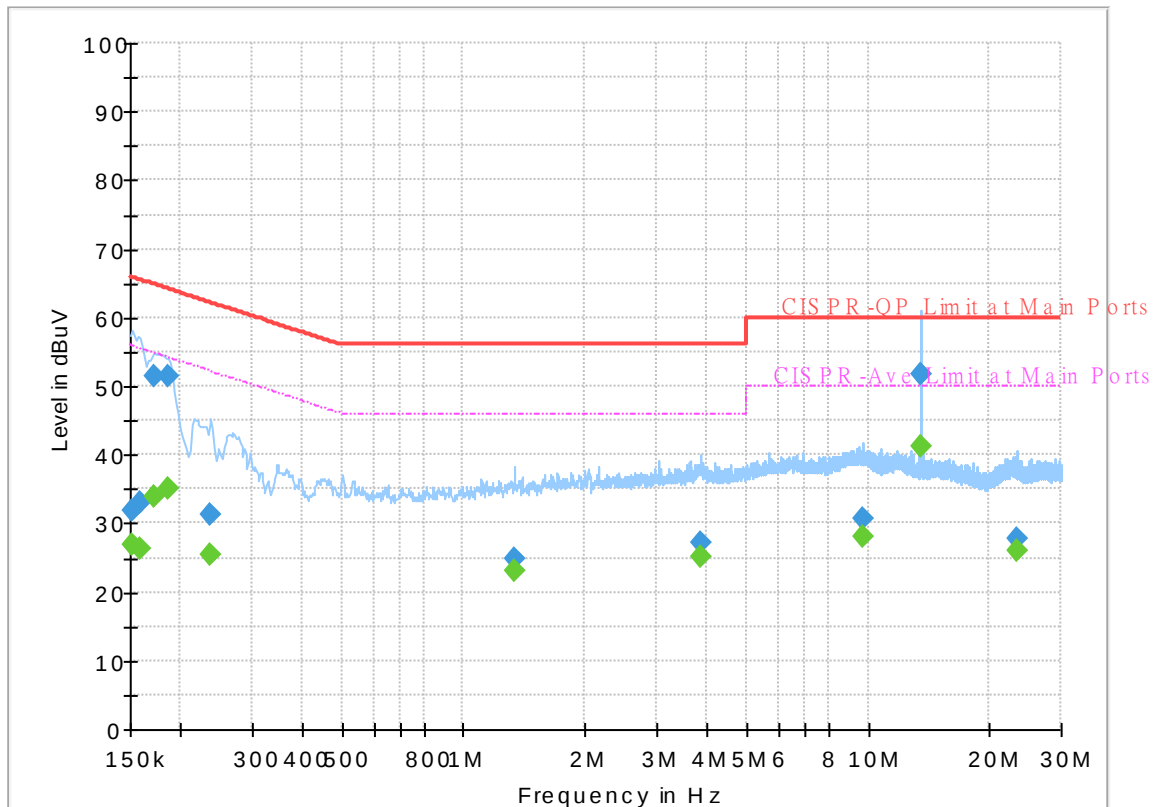
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jimmy Chang	Temperature :	24~26℃
		Relative Humidity :	53~55%

EUT Information

Report NO : 931316
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



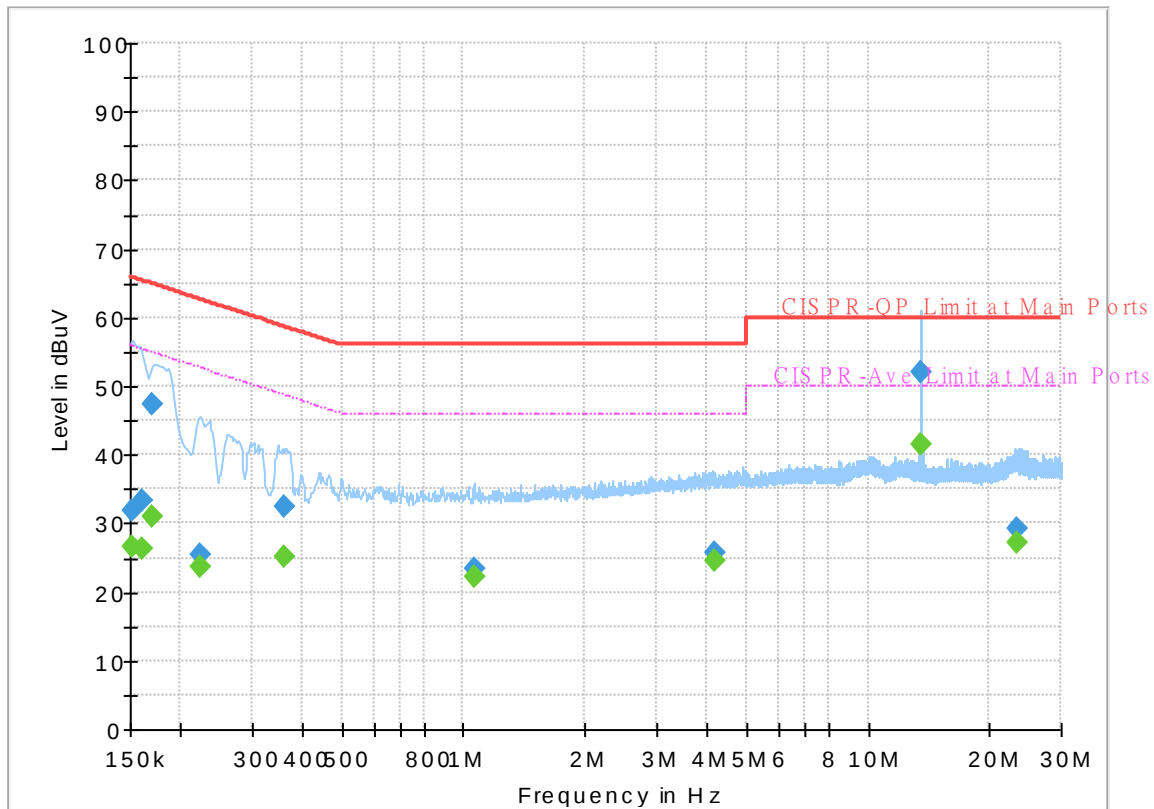
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	26.84	55.88	29.04	L1	OFF	19.5
0.152250	31.95	---	65.88	33.93	L1	OFF	19.5
0.159000	---	26.28	55.52	29.24	L1	OFF	19.5
0.159000	33.10	---	65.52	32.42	L1	OFF	19.5
0.172500	---	33.92	54.84	20.92	L1	OFF	19.5
0.172500	51.56	---	64.84	13.28	L1	OFF	19.5
0.186000	---	35.00	54.21	19.21	L1	OFF	19.5
0.186000	51.39	---	64.21	12.82	L1	OFF	19.5
0.237750	---	25.54	52.17	26.63	L1	OFF	19.5
0.237750	31.21	---	62.17	30.96	L1	OFF	19.5
1.340250	---	23.23	46.00	22.77	L1	OFF	19.6
1.340250	24.73	---	56.00	31.27	L1	OFF	19.6
3.862500	---	25.25	46.00	20.75	L1	OFF	19.7
3.862500	27.09	---	56.00	28.91	L1	OFF	19.7
9.672000	---	28.01	50.00	21.99	L1	OFF	19.9
9.672000	30.71	---	60.00	29.29	L1	OFF	19.9
13.560000	---	41.28	50.00	8.72	L1	OFF	20.0
13.560000	51.77	---	60.00	8.23	L1	OFF	20.0
23.282250	---	26.16	50.00	23.84	L1	OFF	20.3
23.282250	27.78	---	60.00	32.22	L1	OFF	20.3

EUT Information

Report NO : 931316
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	26.75	55.88	29.13	N	OFF	19.5
0.152250	31.73	---	65.88	34.15	N	OFF	19.5
0.161250	---	26.20	55.40	29.20	N	OFF	19.5
0.161250	33.39	---	65.40	32.01	N	OFF	19.5
0.170250	---	30.91	54.95	24.04	N	OFF	19.5
0.170250	47.37	---	64.95	17.58	N	OFF	19.5
0.224250	---	23.80	52.66	28.86	N	OFF	19.5
0.224250	25.41	---	62.66	37.25	N	OFF	19.5
0.361500	---	25.08	48.69	23.61	N	OFF	19.5
0.361500	32.58	---	58.69	26.11	N	OFF	19.5
1.061250	---	22.35	46.00	23.65	N	OFF	19.6
1.061250	23.49	---	56.00	32.51	N	OFF	19.6
4.168500	---	24.55	46.00	21.45	N	OFF	19.7
4.168500	25.84	---	56.00	30.16	N	OFF	19.7
13.560000	---	41.53	50.00	8.47	N	OFF	20.1
13.560000	52.09	---	60.00	7.91	N	OFF	20.1
23.223750	---	27.17	50.00	22.83	N	OFF	20.4
23.223750	29.26	---	60.00	30.74	N	OFF	20.4



Appendix C. Radiated Spurious Emission

Test Engineer :	Jacky Hung, Austin Li, and CR Liao	Temperature :	20~25°C
		Relative Humidity :	50~60%

<Calling Mode>

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.
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5648	55.12	-13.08	68.2	38.61	32.53	13.79	29.81	260	66	P	H
		5696.6	56.91	-45.78	102.69	40.19	32.63	13.92	29.83	260	66	P	H
		5713	58.28	-50.56	108.84	41.48	32.67	13.97	29.84	260	66	P	H
		5723.8	62.51	-56.95	119.46	45.68	32.69	13.99	29.85	260	66	P	H
	*	5745	112.09	-	-	95.16	32.74	14.05	29.86	260	66	P	H
	*	5745	104.5	-	-	87.57	32.74	14.05	29.86	260	66	A	H
													H
													H
		5615.4	54.97	-13.23	68.2	38.62	32.45	13.7	29.8	100	86	P	V
		5688.2	55.74	-40.76	96.5	39.06	32.61	13.9	29.83	100	86	P	V
		5712.6	56.26	-52.47	108.73	39.47	32.67	13.96	29.84	100	86	P	V
		5724.2	58.17	-62.21	120.38	41.33	32.69	14	29.85	100	86	P	V
	*	5745	107.01	-	-	90.08	32.74	14.05	29.86	100	86	P	V
	*	5745	99.56	-	-	82.63	32.74	14.05	29.86	100	86	A	V
													V
													V



WIFI Ant. 0	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		5623.8	55.09	-13.11	68.2	38.7	32.47	13.72	29.8	271	67	P	H
		5682.6	55.14	-37.22	92.36	38.49	32.6	13.88	29.83	271	67	P	H
		5716.2	56.59	-53.15	109.74	39.78	32.68	13.97	29.84	271	67	P	H
		5720.2	56.45	-54.81	111.26	39.64	32.68	13.98	29.85	271	67	P	H
	*	5785	112.15	-	-	95.04	32.83	14.16	29.88	271	67	P	H
	*	5785	104.62	-	-	87.51	32.83	14.16	29.88	271	67	A	H
		5851.8	55.98	-62.12	118.1	38.89	32.97	14.03	29.91	271	67	P	H
		5857.4	56.5	-53.63	110.13	39.41	32.99	14.01	29.91	271	67	P	H
		5875.8	56.25	-48.36	104.61	39.19	33.03	13.95	29.92	271	67	P	H
		5938.6	55.76	-12.44	68.2	38.81	33.16	13.74	29.95	271	67	P	H
													H
													H
		5608.4	55.26	-12.94	68.2	38.93	32.44	13.68	29.79	101	85	P	V
		5662.2	55.28	-21.98	77.26	38.71	32.56	13.83	29.82	101	85	P	V
		5717.8	55	-55.18	110.18	38.18	32.68	13.98	29.84	101	85	P	V
		5724	55.36	-64.56	119.92	38.53	32.69	13.99	29.85	101	85	P	V
	*	5785	107.79	-	-	90.68	32.83	14.16	29.88	101	85	P	V
	*	5785	100.2	-	-	83.09	32.83	14.16	29.88	101	85	A	V
		5852.4	55.92	-60.81	116.73	38.83	32.98	14.02	29.91	101	85	P	V
		5864.6	55.76	-52.35	108.11	38.7	33	13.98	29.92	101	85	P	V
		5920.4	55.69	-15.9	71.59	38.71	33.12	13.8	29.94	101	85	P	V
		5948	55.6	-12.6	68.2	38.67	33.19	13.7	29.96	101	85	P	V
													V
													V



WIFI Ant. 0	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	111.7	-	-	94.56	32.92	14.12	29.9	268	66	P	H
	*	5825	104.14	-	-	87	32.92	14.12	29.9	268	66	A	H
		5854.8	57.86	-53.4	111.26	40.77	32.98	14.02	29.91	268	66	P	H
		5857	57.53	-52.71	110.24	40.44	32.99	14.01	29.91	268	66	P	H
		5882.6	56.92	-42.64	99.56	39.88	33.04	13.92	29.92	268	66	P	H
		5928.2	56.03	-12.17	68.2	39.07	33.14	13.77	29.95	268	66	P	H
													H
													H
	*	5825	108.12	-	-	90.98	32.92	14.12	29.9	100	86	P	V
	*	5825	99.95	-	-	82.81	32.92	14.12	29.9	100	86	A	V
		5850.8	56.87	-63.51	120.38	39.78	32.97	14.03	29.91	100	86	P	V
		5857.4	56.07	-54.06	110.13	38.98	32.99	14.01	29.91	100	86	P	V
		5913.2	56	-20.9	76.9	39.01	33.11	13.82	29.94	100	86	P	V
		5935.4	55.09	-13.11	68.2	38.13	33.16	13.75	29.95	100	86	P	V
													V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

WIFI 802.11a (Harmonic @ 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.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	59.93	-14.07	74	64.04	39.71	18.37	62.19	166	345	P	H
		11490	48.64	-5.36	54	52.75	39.71	18.37	62.19	166	345	A	H
		17235	49.93	-18.27	68.2	42.62	43.12	23.27	59.08	100	0	P	H
													H
		11490	48.04	-25.96	74	52.15	39.71	18.37	62.19	100	0	P	V
		17235	50.27	-17.93	68.2	42.96	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	59.44	-14.56	74	63.66	39.6	18.44	62.26	164	348	P	H
		11570	48.96	-5.04	54	53.18	39.6	18.44	62.26	164	348	A	H
		17355	50.79	-17.41	68.2	42.43	43.75	23.43	58.82	400	0	P	H
													H
		11570	47.22	-26.78	74	51.44	39.6	18.44	62.26	100	0	P	V
		17355	50.61	-17.59	68.2	42.25	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	58.89	-15.11	74	63.22	39.49	18.5	62.32	170	338	P	H
		11650	48.42	-5.58	54	52.75	39.49	18.5	62.32	170	338	A	H
		17475	51.41	-16.79	68.2	42.01	44.37	23.59	58.56	100	0	P	H
													H
		11650	47.22	-26.78	74	51.55	39.49	18.5	62.32	100	0	P	V
		17475	51.72	-16.48	68.2	42.32	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5636.6	55.81	-12.39	68.2	39.36	32.5	13.76	29.81	300	67	P	H
		5692	56.23	-43.07	99.3	39.53	32.62	13.91	29.83	300	67	P	H
		5719.8	58.35	-52.39	110.74	41.54	32.68	13.98	29.85	300	67	P	H
		5724.4	62.93	-57.9	120.83	46.09	32.69	14	29.85	300	67	P	H
	*	5745	112.02	-	-	95.09	32.74	14.05	29.86	300	67	P	H
	*	5745	104.38	-	-	87.45	32.74	14.05	29.86	300	67	A	H
													H
													H
		5627	54.67	-13.53	68.2	38.26	32.48	13.73	29.8	101	85	P	V
		5690.6	55.47	-42.8	98.27	38.78	32.62	13.9	29.83	101	85	P	V
		5705.8	56.46	-50.37	106.83	39.7	32.65	13.95	29.84	101	85	P	V
		5722.4	59.27	-57	116.27	42.44	32.69	13.99	29.85	101	85	P	V
	*	5745	107.94	-	-	91.01	32.74	14.05	29.86	101	85	P	V
	*	5745	99.59	-	-	82.66	32.74	14.05	29.86	101	85	A	V
													V
													V



WIFI Ant. 0	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		5617	54.95	-13.25	68.2	38.58	32.46	13.71	29.8	267	65	P	H
		5690.8	55.99	-42.43	98.42	39.29	32.62	13.91	29.83	267	65	P	H
		5713.8	56.27	-52.8	109.07	39.47	32.67	13.97	29.84	267	65	P	H
		5723.6	56.57	-62.44	119.01	39.74	32.69	13.99	29.85	267	65	P	H
	*	5785	112.08	-	-	94.97	32.83	14.16	29.88	267	65	P	H
	*	5785	103.99	-	-	86.88	32.83	14.16	29.88	267	65	A	H
		5851.6	56.79	-61.76	118.55	39.7	32.97	14.03	29.91	267	65	P	H
		5867.4	55.92	-51.41	107.33	38.86	33.01	13.97	29.92	267	65	P	H
		5895.8	56.43	-33.34	89.77	39.41	33.07	13.88	29.93	267	65	P	H
		5932.4	55.82	-12.38	68.2	38.86	33.15	13.76	29.95	267	65	P	H
													H
													H
		5641.6	55.85	-12.35	68.2	39.38	32.51	13.77	29.81	101	86	P	V
		5693.4	54.67	-45.66	100.33	37.96	32.63	13.91	29.83	101	86	P	V
		5712	55.37	-53.19	108.56	38.58	32.67	13.96	29.84	101	86	P	V
		5720.8	54.85	-57.77	112.62	38.02	32.69	13.99	29.85	101	86	P	V
	*	5785	107.87	-	-	90.76	32.83	14.16	29.88	101	86	P	V
	*	5785	100.36	-	-	83.25	32.83	14.16	29.88	101	86	A	V
		5852.8	54.27	-61.55	115.82	37.18	32.98	14.02	29.91	101	86	P	V
		5874.2	55.84	-49.58	105.42	38.79	33.02	13.95	29.92	101	86	P	V
		5922.6	55.31	-14.66	69.97	38.33	33.13	13.79	29.94	101	86	P	V
		5925	54.65	-13.55	68.2	37.68	33.13	13.78	29.94	101	86	P	V
													V
													V



WIFI Ant. 0	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	112.83	-	-	95.69	32.92	14.12	29.9	264	67	P	H
	*	5825	105.22	-	-	88.08	32.92	14.12	29.9	264	67	A	H
		5853.6	65.55	-48.44	113.99	48.46	32.98	14.02	29.91	264	67	P	H
		5856	62.52	-48	110.52	45.44	32.98	14.01	29.91	264	67	P	H
		5883.8	57.69	-40.98	98.67	40.65	33.04	13.92	29.92	264	67	P	H
		5945.6	56	-12.2	68.2	39.06	33.18	13.71	29.95	264	67	P	H
													H
													H
	*	5825	108.18	-	-	91.04	32.92	14.12	29.9	101	87	P	V
	*	5825	100.57	-	-	83.43	32.92	14.12	29.9	101	87	A	V
		5852.4	60.53	-56.2	116.73	43.44	32.98	14.02	29.91	101	87	P	V
		5855	58.21	-52.59	110.8	41.12	32.98	14.02	29.91	101	87	P	V
		5903	55.89	-28.55	84.44	38.88	33.09	13.85	29.93	101	87	P	V
		5947.2	55.28	-12.92	68.2	38.34	33.18	13.71	29.95	101	87	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		11490	60.43	-13.57	74	64.54	39.71	18.37	62.19	166	347	P	H
		11490	49.13	-4.87	54	53.24	39.71	18.37	62.19	166	347	A	H
		17235	51.2	-17	68.2	43.89	43.12	23.27	59.08	400	0	P	H
													H
		11490	46.95	-27.05	74	51.06	39.71	18.37	62.19	100	0	P	V
		17235	49.56	-18.64	68.2	42.25	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	59.36	-14.64	74	63.58	39.6	18.44	62.26	166	348	P	H
		11570	48.09	-5.91	54	52.31	39.6	18.44	62.26	166	348	A	H
		17355	49.82	-18.38	68.2	41.46	43.75	23.43	58.82	100	0	P	H
													H
		11570	46.12	-27.88	74	50.34	39.6	18.44	62.26	100	0	P	V
		17355	49.76	-18.44	68.2	41.4	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	60.93	-13.07	74	65.26	39.49	18.5	62.32	164	341	P	H
		11650	48.8	-5.2	54	53.13	39.49	18.5	62.32	164	341	A	H
		17475	50.39	-17.81	68.2	40.99	44.37	23.59	58.56	100	0	P	H
													H
		11650	45.97	-28.03	74	50.3	39.49	18.5	62.32	100	0	P	V
		17475	50.43	-17.77	68.2	41.03	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5647.8	55.77	-12.43	68.2	39.26	32.53	13.79	29.81	264	65	P	H
		5699	63.59	-40.87	104.46	46.86	32.64	13.93	29.84	264	65	P	H
		5718	68.78	-41.46	110.24	51.96	32.68	13.98	29.84	264	65	P	H
		5723.6	68.95	-50.06	119.01	52.12	32.69	13.99	29.85	264	65	P	H
	*	5755	109.91	-	-	92.93	32.76	14.08	29.86	264	65	P	H
	*	5755	102	-	-	85.02	32.76	14.08	29.86	264	65	A	H
		5851	56.44	-63.48	119.92	39.35	32.97	14.03	29.91	264	65	P	H
		5874.2	56.33	-49.09	105.42	39.28	33.02	13.95	29.92	264	65	P	H
		5883.2	56.18	-42.93	99.11	39.14	33.04	13.92	29.92	264	65	P	H
		5943.6	55.82	-12.38	68.2	38.87	33.18	13.72	29.95	264	65	P	H
													H
													H
		5634.4	55.71	-12.49	68.2	39.26	32.5	13.75	29.8	100	84	P	V
		5698.6	58.01	-46.16	104.17	41.28	32.64	13.93	29.84	100	84	P	V
		5718.4	62.97	-47.38	110.35	46.15	32.68	13.98	29.84	100	84	P	V
		5723.6	64.49	-54.52	119.01	47.66	32.69	13.99	29.85	100	84	P	V
	*	5755	105.3	-	-	88.32	32.76	14.08	29.86	100	84	P	V
	*	5755	97.46	-	-	80.48	32.76	14.08	29.86	100	84	A	V
		5850.4	55.79	-65.5	121.29	38.7	32.97	14.03	29.91	100	84	P	V
		5855.4	56.78	-53.91	110.69	39.7	32.98	14.01	29.91	100	84	P	V
		5905.2	56.46	-26.35	82.81	39.45	33.09	13.85	29.93	100	84	P	V
		5933.4	55.77	-12.43	68.2	38.82	33.15	13.75	29.95	100	84	P	V
													V
													V



WIFI Ant. 0	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		5647.2	55.92	-12.28	68.2	39.42	32.52	13.79	29.81	259	65	P	H
		5692.4	56.32	-43.28	99.6	39.62	32.62	13.91	29.83	259	65	P	H
		5717	58.68	-51.28	109.96	41.86	32.68	13.98	29.84	259	65	P	H
		5724.8	60.44	-61.3	121.74	43.6	32.69	14	29.85	259	65	P	H
	*	5795	110.08	-	-	92.92	32.85	14.19	29.88	259	65	P	H
	*	5795	102.25	-	-	85.09	32.85	14.19	29.88	259	65	A	H
		5852	62.35	-55.29	117.64	45.26	32.97	14.03	29.91	259	65	P	H
		5855.6	62.42	-48.21	110.63	45.34	32.98	14.01	29.91	259	65	P	H
		5876.2	57.65	-46.66	104.31	40.6	33.03	13.94	29.92	259	65	P	H
		5925	56.7	-11.5	68.2	39.73	33.13	13.78	29.94	259	65	P	H
													H
													H
		5645.8	55.38	-12.82	68.2	38.89	32.52	13.78	29.81	100	86	P	V
		5695.8	55.21	-46.89	102.1	38.49	32.63	13.92	29.83	100	86	P	V
		5710.8	57.31	-50.92	108.23	40.53	32.66	13.96	29.84	100	86	P	V
		5724.6	57.01	-64.28	121.29	40.17	32.69	14	29.85	100	86	P	V
	*	5795	106.04	-	-	88.88	32.85	14.19	29.88	100	86	P	V
	*	5795	98.23	-	-	81.07	32.85	14.19	29.88	100	86	A	V
		5850.6	59.41	-61.42	120.83	42.32	32.97	14.03	29.91	100	86	P	V
		5855.6	59.54	-51.09	110.63	42.46	32.98	14.01	29.91	100	86	P	V
		5884.2	56.3	-42.07	98.37	39.25	33.05	13.92	29.92	100	86	P	V
		5947.6	55.65	-12.55	68.2	38.71	33.18	13.71	29.95	100	86	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		11510	58.04	-15.96	74	62.17	39.69	18.39	62.21	207	352	P	H
		11510	49.11	-4.89	54	53.24	39.69	18.39	62.21	207	352	A	H
		17265	49.24	-18.96	68.2	41.68	43.28	23.3	59.02	100	0	P	H
													H
		11510	46.65	-27.35	74	50.78	39.69	18.39	62.21	100	0	P	V
		17265	49.07	-19.13	68.2	41.51	43.28	23.3	59.02	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	58.9	-15.1	74	63.14	39.57	18.46	62.27	206	339	P	H
		11590	49.63	-4.37	54	53.87	39.57	18.46	62.27	206	339	A	H
		17385	49.63	-18.57	68.2	41.01	43.9	23.47	58.75	100	0	P	H
													H
		11590	47.01	-26.99	74	51.25	39.57	18.46	62.27	100	0	P	V
		17385	49.41	-18.79	68.2	40.79	43.9	23.47	58.75	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5647.2	61.69	-6.51	68.2	45.19	32.52	13.79	29.81	286	67	P	H
		5697	70.78	-32.21	102.99	54.06	32.63	13.92	29.83	286	67	P	H
		5717	73.25	-36.71	109.96	56.43	32.68	13.98	29.84	286	67	P	H
		5724.4	72.54	-48.29	120.83	55.7	32.69	14	29.85	286	67	P	H
	*	5775	107.91	-	-	90.84	32.81	14.13	29.87	286	67	P	H
	*	5775	100.08	-	-	83.01	32.81	14.13	29.87	286	67	A	H
		5852.4	70.71	-46.02	116.73	53.62	32.98	14.02	29.91	286	67	P	H
		5856.2	70.4	-40.06	110.46	53.32	32.98	14.01	29.91	286	67	P	H
		5875	64.7	-40.5	105.2	47.64	33.03	13.95	29.92	286	67	P	H
		5935.2	57.09	-11.11	68.2	40.13	33.16	13.75	29.95	286	67	P	H
													H
													H
		5649.8	58.09	-10.11	68.2	41.58	32.53	13.79	29.81	105	86	P	V
		5699	66.98	-37.48	104.46	50.25	32.64	13.93	29.84	105	86	P	V
		5718.6	68.17	-42.24	110.41	51.35	32.68	13.98	29.84	105	86	P	V
		5723.4	67.41	-51.14	118.55	50.58	32.69	13.99	29.85	105	86	P	V
	*	5775	102.99	-	-	85.92	32.81	14.13	29.87	105	86	P	V
	*	5775	95.45	-	-	78.38	32.81	14.13	29.87	105	86	A	V
		5850	66.59	-55.61	122.2	49.5	32.97	14.03	29.91	105	86	P	V
		5863.8	65.06	-43.27	108.33	47.98	33	13.99	29.91	105	86	P	V
		5879.8	61.9	-39.73	101.63	44.85	33.04	13.93	29.92	105	86	P	V
		5937	56.02	-12.18	68.2	39.07	33.16	13.74	29.95	105	86	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 802.11ac VHT80 (Harmonic @ 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.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		11550	58.72	-15.28	74	62.91	39.63	18.42	62.24	205	338	P	H
		11550	49.9	-4.1	54	54.09	39.63	18.42	62.24	205	338	A	H
		17325	49.41	-18.79	68.2	41.31	43.59	23.39	58.88	100	0	P	H
													H
		11550	48.36	-25.64	74	52.55	39.63	18.42	62.24	100	0	P	V
		17325	49.69	-18.51	68.2	41.59	43.59	23.39	58.88	100	0	P	V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													

Emission below 1GHz

5GHz 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		102.75	32.03	-11.47	43.5	47.03	16.29	1.08	32.37	100	0	P	H
		160.95	22.54	-20.96	43.5	36.87	16.48	1.55	32.36	-	-	P	H
		278.32	20.49	-25.51	46	31.62	18.88	2.4	32.41	-	-	P	H
		654.68	27.71	-18.29	46	29.92	26.31	4.08	32.6	-	-	P	H
		841.89	30.93	-15.07	46	29.47	28.97	4.61	32.12	-	-	P	H
		960.23	33.32	-20.68	54	28.75	31.01	4.82	31.26	-	-	P	H
													H
													H
													H
													H
													H
													H
		101.78	31.16	-12.34	43.5	46.33	16.13	1.07	32.37	-	-	P	V
		159.98	26.82	-16.68	43.5	41.03	16.6	1.55	32.36	-	-	P	V
		394.72	22.84	-23.16	46	30.56	21.6	3.18	32.5	-	-	P	V
		770.11	30.87	-15.13	46	30.62	28.21	4.45	32.41	-	-	P	V
		846.74	32.38	-13.62	46	30.82	29.01	4.64	32.09	-	-	P	V
		951.5	34.09	-11.91	46	30.01	30.78	4.64	31.34	100	0	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5641.4	55.79	-12.41	68.2	39.32	32.51	13.77	29.81	128	355	P	H
		5699.2	57.13	-47.48	104.61	40.4	32.64	13.93	29.84	128	355	P	H
		5717.4	65.35	-44.72	110.07	48.53	32.68	13.98	29.84	128	355	P	H
		5724.6	75.39	-45.9	121.29	58.55	32.69	14	29.85	128	355	P	H
	*	5745	111.47	-	-	94.54	32.74	14.05	29.86	128	355	P	H
	*	5745	104.14	-	-	87.21	32.74	14.05	29.86	128	355	A	H
													H
													H
		5643.6	55.7	-12.5	68.2	39.21	32.52	13.78	29.81	119	359	P	V
		5696.6	58.5	-44.19	102.69	41.78	32.63	13.92	29.83	119	359	P	V
		5720	67.52	-43.28	110.8	50.71	32.68	13.98	29.85	119	359	P	V
		5725	75.81	-46.39	122.2	58.97	32.69	14	29.85	119	359	P	V
	*	5745	112.78	-	-	95.85	32.74	14.05	29.86	119	359	P	V
	*	5745	105.79	-	-	88.86	32.74	14.05	29.86	119	359	A	V
													V
													V



WIFI Ant. 3	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		5621.6	55.51	-12.69	68.2	39.12	32.47	13.72	29.8	100	351	P	H
		5696	54.95	-47.3	102.25	38.23	32.63	13.92	29.83	100	351	P	H
		5711.4	55.09	-53.3	108.39	38.3	32.67	13.96	29.84	100	351	P	H
		5722.6	53.96	-62.77	116.73	37.13	32.69	13.99	29.85	100	351	P	H
	*	5785	111.36	-	-	94.25	32.83	14.16	29.88	100	351	P	H
	*	5785	103.38	-	-	86.27	32.83	14.16	29.88	100	351	A	H
		5850.6	53.54	-67.29	120.83	36.45	32.97	14.03	29.91	100	351	P	H
		5868.6	54.1	-52.89	106.99	37.04	33.01	13.97	29.92	100	351	P	H
		5882	55.46	-44.54	100	38.41	33.04	13.93	29.92	100	351	P	H
		5949.4	55.33	-12.87	68.2	38.4	33.19	13.7	29.96	100	351	P	H
													H
													H
		5636	55.28	-12.92	68.2	38.83	32.5	13.76	29.81	107	7	P	V
		5682.8	55.36	-37.15	92.51	38.71	32.6	13.88	29.83	107	7	P	V
		5710.4	55.09	-53.02	108.11	38.31	32.66	13.96	29.84	107	7	P	V
		5721.4	55.3	-58.69	113.99	38.47	32.69	13.99	29.85	107	7	P	V
	*	5785	111.75	-	-	94.64	32.83	14.16	29.88	107	7	P	V
	*	5785	104.11	-	-	87	32.83	14.16	29.88	107	7	A	V
		5852	55.36	-62.28	117.64	38.27	32.97	14.03	29.91	107	7	P	V
		5857.4	54.97	-55.16	110.13	37.88	32.99	14.01	29.91	107	7	P	V
		5894.2	55.61	-35.34	90.95	38.59	33.07	13.88	29.93	107	7	P	V
		5942.2	55.63	-12.57	68.2	38.69	33.17	13.72	29.95	107	7	P	V
													V
													V



WIFI Ant. 3	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	111.1	-	-	93.96	32.92	14.12	29.9	101	351	P	H
	*	5825	103.24	-	-	86.1	32.92	14.12	29.9	101	351	A	H
		5851.4	59.31	-59.7	119.01	42.22	32.97	14.03	29.91	101	351	P	H
		5855.2	58.11	-52.63	110.74	41.02	32.98	14.02	29.91	101	351	P	H
		5913.8	55.44	-21.02	76.46	38.45	33.11	13.82	29.94	101	351	P	H
		5935	54.49	-13.71	68.2	37.53	33.16	13.75	29.95	101	351	P	H
													H
													H
	*	5825	112.19	-	-	95.05	32.92	14.12	29.9	101	6	P	V
	*	5825	104.27	-	-	87.13	32.92	14.12	29.9	101	6	A	V
		5851.6	63.01	-55.54	118.55	45.92	32.97	14.03	29.91	101	6	P	V
		5855.8	60.71	-49.87	110.58	43.63	32.98	14.01	29.91	101	6	P	V
		5875	57.18	-48.02	105.2	40.12	33.03	13.95	29.92	101	6	P	V
		5937.2	54.56	-13.64	68.2	37.61	33.16	13.74	29.95	101	6	P	V
													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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	46.1	-27.9	74	50.21	39.71	18.37	62.19	100	0	P	H
		17235	51.4	-16.8	68.2	44.09	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	46.11	-27.89	74	50.22	39.71	18.37	62.19	100	0	P	V
		17235	50.5	-17.7	68.2	43.19	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	46.46	-27.54	74	50.68	39.6	18.44	62.26	100	0	P	H
		17355	50.51	-17.69	68.2	42.15	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	45.3	-28.7	74	49.52	39.6	18.44	62.26	100	0	P	V
		17355	50.73	-17.47	68.2	42.37	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	46.61	-27.39	74	50.94	39.49	18.5	62.32	100	0	P	H
		17475	51.11	-17.09	68.2	41.71	44.37	23.59	58.56	100	0	P	H
													H
													H
		11650	45.95	-28.05	74	50.28	39.49	18.5	62.32	100	0	P	V
		17475	50.88	-17.32	68.2	41.48	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5616.2	54.54	-13.66	68.2	38.18	32.46	13.7	29.8	101	350	P	H
		5699	57.02	-47.44	104.46	40.29	32.64	13.93	29.84	101	350	P	H
		5718	60.45	-49.79	110.24	43.63	32.68	13.98	29.84	101	350	P	H
		5724.8	65.67	-56.07	121.74	48.83	32.69	14	29.85	101	350	P	H
	*	5745	110.99	-	-	94.06	32.74	14.05	29.86	101	350	P	H
	*	5745	103.08	-	-	86.15	32.74	14.05	29.86	101	350	A	H
													H
													H
		5601.6	54.32	-13.88	68.2	38.03	32.42	13.66	29.79	107	6	P	V
		5698.2	58.26	-45.61	103.87	41.53	32.64	13.93	29.84	107	6	P	V
		5720	61.79	-49.01	110.8	44.98	32.68	13.98	29.85	107	6	P	V
		5725	67.24	-54.96	122.2	50.4	32.69	14	29.85	107	6	P	V
	*	5745	111.73	-	-	94.8	32.74	14.05	29.86	107	6	P	V
	*	5745	103.49	-	-	86.56	32.74	14.05	29.86	107	6	A	V
													V
													V



WIFI Ant. 3	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		5619.8	54.49	-13.71	68.2	38.12	32.46	13.71	29.8	101	351	P	H
		5698.6	55.21	-48.96	104.17	38.48	32.64	13.93	29.84	101	351	P	H
		5718	54.6	-55.64	110.24	37.78	32.68	13.98	29.84	101	351	P	H
		5721.4	55.35	-58.64	113.99	38.52	32.69	13.99	29.85	101	351	P	H
	*	5785	110.58	-	-	93.47	32.83	14.16	29.88	101	351	P	H
	*	5785	102.94	-	-	85.83	32.83	14.16	29.88	101	351	A	H
		5854.4	56.14	-56.03	112.17	39.05	32.98	14.02	29.91	101	351	P	H
		5864.6	54.33	-53.78	108.11	37.27	33	13.98	29.92	101	351	P	H
		5897.4	55.19	-33.4	88.59	38.18	33.07	13.87	29.93	101	351	P	H
		5925.6	55.12	-13.08	68.2	38.14	33.14	13.78	29.94	101	351	P	H
													H
													H
		5627	54.7	-13.5	68.2	38.29	32.48	13.73	29.8	103	6	P	V
		5698.4	54.34	-49.68	104.02	37.61	32.64	13.93	29.84	103	6	P	V
		5716	55.06	-54.62	109.68	38.25	32.68	13.97	29.84	103	6	P	V
		5723	54.67	-62.97	117.64	37.84	32.69	13.99	29.85	103	6	P	V
	*	5785	111.37	-	-	94.26	32.83	14.16	29.88	103	6	P	V
	*	5785	103.59	-	-	86.48	32.83	14.16	29.88	103	6	A	V
		5851	54.36	-65.56	119.92	37.27	32.97	14.03	29.91	103	6	P	V
		5859	55.36	-54.32	109.68	38.28	32.99	14	29.91	103	6	P	V
		5906.8	55.37	-26.26	81.63	38.38	33.09	13.84	29.94	103	6	P	V
		5948.2	55.09	-13.11	68.2	38.16	33.19	13.7	29.96	103	6	P	V
													V
													V



WIFI Ant. 3	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	110.51	-	-	93.37	32.92	14.12	29.9	101	351	P	H
	*	5825	102.76	-	-	85.62	32.92	14.12	29.9	101	351	A	H
		5851.2	61.21	-58.25	119.46	44.12	32.97	14.03	29.91	101	351	P	H
		5855.2	59.19	-51.55	110.74	42.1	32.98	14.02	29.91	101	351	P	H
		5910.2	55.74	-23.38	79.12	38.75	33.1	13.83	29.94	101	351	P	H
		5929.4	54.77	-13.43	68.2	37.81	33.14	13.77	29.95	101	351	P	H
													H
													H
	*	5825	112.38	-	-	95.24	32.92	14.12	29.9	101	6	P	V
	*	5825	103.86	-	-	86.72	32.92	14.12	29.9	101	6	A	V
		5854.4	63.23	-48.94	112.17	46.14	32.98	14.02	29.91	101	6	P	V
		5855	60.91	-49.89	110.8	43.82	32.98	14.02	29.91	101	6	P	V
		5915.2	55.73	-19.7	75.43	38.75	33.11	13.81	29.94	101	6	P	V
		5934.2	56.32	-11.88	68.2	39.36	33.16	13.75	29.95	101	6	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		11490	46.03	-27.97	74	50.14	39.71	18.37	62.19	100	0	P	H
		17235	49.89	-18.31	68.2	42.58	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	45.79	-28.21	74	49.9	39.71	18.37	62.19	100	0	P	V
		17235	50.29	-17.91	68.2	42.98	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	46.32	-27.68	74	50.54	39.6	18.44	62.26	100	0	P	H
		17355	50.89	-17.31	68.2	42.53	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	45.94	-28.06	74	50.16	39.6	18.44	62.26	100	0	P	V
		17355	51.99	-16.21	68.2	43.63	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	46.33	-27.67	74	50.66	39.49	18.5	62.32	100	0	P	H
		17475	50.23	-17.97	68.2	40.83	44.37	23.59	58.56	100	0	P	H
													H
													H
		11650	46.1	-27.9	74	50.43	39.49	18.5	62.32	100	0	P	V
		17475	51.2	-17	68.2	41.8	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5646.2	56.37	-11.83	68.2	39.88	32.52	13.78	29.81	101	350	P	H
		5699.2	67.86	-36.75	104.61	51.13	32.64	13.93	29.84	101	350	P	H
		5717.2	75.87	-34.15	110.02	59.05	32.68	13.98	29.84	101	350	P	H
		5725	78.39	-43.81	122.2	61.55	32.69	14	29.85	101	350	P	H
	*	5755	108.8	-	-	91.82	32.76	14.08	29.86	101	350	P	H
	*	5755	101.02	-	-	84.04	32.76	14.08	29.86	101	350	A	H
		5853.4	56.18	-58.27	114.45	39.09	32.98	14.02	29.91	101	350	P	H
		5859.4	56.42	-53.15	109.57	39.34	32.99	14	29.91	101	350	P	H
		5875.6	56.98	-47.77	104.75	39.92	33.03	13.95	29.92	101	350	P	H
		5926.4	56.27	-11.93	68.2	39.29	33.14	13.78	29.94	101	350	P	H
													H
													H
		5640.6	55.68	-12.52	68.2	39.21	32.51	13.77	29.81	105	360	P	V
		5699	65.13	-39.33	104.46	48.4	32.64	13.93	29.84	105	360	P	V
		5719	77.6	-32.92	110.52	60.79	32.68	13.98	29.85	105	360	P	V
		5725	79.24	-42.96	122.2	62.4	32.69	14	29.85	105	360	P	V
	*	5755	109.32	-	-	92.34	32.76	14.08	29.86	105	360	P	V
	*	5755	101.8	-	-	84.82	32.76	14.08	29.86	105	360	A	V
		5852.8	58.13	-57.69	115.82	41.04	32.98	14.02	29.91	105	360	P	V
		5871.2	56.17	-50.09	106.26	39.11	33.02	13.96	29.92	105	360	P	V
		5880.4	57.31	-43.88	101.19	40.26	33.04	13.93	29.92	105	360	P	V
		5928.8	55.64	-12.56	68.2	38.68	33.14	13.77	29.95	105	360	P	V
													V
													V



WIFI Ant. 3	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		5628	54.48	-13.72	68.2	38.06	32.48	13.74	29.8	100	346	P	H
		5668.8	55.06	-27.09	82.15	38.46	32.57	13.85	29.82	100	346	P	H
		5714.8	57.61	-51.74	109.35	40.81	32.67	13.97	29.84	100	346	P	H
		5723	58.4	-59.24	117.64	41.57	32.69	13.99	29.85	100	346	P	H
	*	5795	108.17	-	-	91.01	32.85	14.19	29.88	100	346	P	H
	*	5795	100.68	-	-	83.52	32.85	14.19	29.88	100	346	A	H
		5852.6	61.53	-54.74	116.27	44.44	32.98	14.02	29.91	100	346	P	H
		5857.2	61.37	-48.81	110.18	44.28	32.99	14.01	29.91	100	346	P	H
		5877.4	56.54	-46.88	103.42	39.49	33.03	13.94	29.92	100	346	P	H
		5938.6	55.16	-13.04	68.2	38.21	33.16	13.74	29.95	100	346	P	H
													H
													H
		5611.6	54.24	-13.96	68.2	37.89	32.45	13.69	29.79	100	360	P	V
		5698.2	54.99	-48.88	103.87	38.26	32.64	13.93	29.84	100	360	P	V
		5719.8	57.04	-53.7	110.74	40.23	32.68	13.98	29.85	100	360	P	V
		5723.8	57.72	-61.74	119.46	40.89	32.69	13.99	29.85	100	360	P	V
	*	5795	108.92	-	-	91.76	32.85	14.19	29.88	100	360	P	V
	*	5795	101.08	-	-	83.92	32.85	14.19	29.88	100	360	A	V
		5852.6	63.94	-52.33	116.27	46.85	32.98	14.02	29.91	100	360	P	V
		5856	64.08	-46.44	110.52	47	32.98	14.01	29.91	100	360	P	V
		5877.8	58.89	-44.23	103.12	41.84	33.03	13.94	29.92	100	360	P	V
		5927.2	55.13	-13.07	68.2	38.17	33.14	13.77	29.95	100	360	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		11510	45.98	-28.02	74	50.11	39.69	18.39	62.21	100	0	P	H
		17265	50.35	-17.85	68.2	42.79	43.28	23.3	59.02	100	0	P	H
													H
													H
		11510	45.99	-28.01	74	50.12	39.69	18.39	62.21	100	0	P	V
		17265	49.75	-18.45	68.2	42.19	43.28	23.3	59.02	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	45.62	-28.38	74	49.86	39.57	18.46	62.27	100	0	P	H
		17385	51.37	-16.83	68.2	42.75	43.9	23.47	58.75	100	0	P	H
													H
													H
		11590	45.75	-28.25	74	49.99	39.57	18.46	62.27	100	0	P	V
		17385	50.9	-17.3	68.2	42.28	43.9	23.47	58.75	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5645.8	59.14	-9.06	68.2	42.65	32.52	13.78	29.81	107	347	P	H
		5697	71.55	-31.44	102.99	54.83	32.63	13.92	29.83	107	347	P	H
		5717.2	75.6	-34.42	110.02	58.78	32.68	13.98	29.84	107	347	P	H
		5722.4	73.28	-42.99	116.27	56.45	32.69	13.99	29.85	107	347	P	H
	*	5775	104.72	-	-	87.65	32.81	14.13	29.87	107	347	P	H
	*	5775	97.1	-	-	80.03	32.81	14.13	29.87	107	347	A	H
		5850.4	73.98	-47.31	121.29	56.89	32.97	14.03	29.91	107	347	P	H
		5866.6	71.09	-36.46	107.55	54.02	33.01	13.98	29.92	107	347	P	H
		5875.2	67.25	-37.8	105.05	50.19	33.03	13.95	29.92	107	347	P	H
		5926.8	57.16	-11.04	68.2	40.18	33.14	13.78	29.94	107	347	P	H
													H
													H
		5647	58.14	-10.06	68.2	41.64	32.52	13.79	29.81	100	358	P	V
		5696.8	71.15	-31.69	102.84	54.43	32.63	13.92	29.83	100	358	P	V
		5717.4	75.93	-34.14	110.07	59.11	32.68	13.98	29.84	100	358	P	V
		5720.6	75.51	-36.66	112.17	58.68	32.69	13.99	29.85	100	358	P	V
	*	5775	105.52	-	-	88.45	32.81	14.13	29.87	100	358	P	V
	*	5775	97.76	-	-	80.69	32.81	14.13	29.87	100	358	A	V
		5853.6	75.02	-38.97	113.99	57.93	32.98	14.02	29.91	100	358	P	V
		5856	74.27	-36.25	110.52	57.19	32.98	14.01	29.91	100	358	P	V
		5877.2	66.82	-36.75	103.57	49.77	33.03	13.94	29.92	100	358	P	V
		5939.6	56.04	-12.16	68.2	39.09	33.17	13.73	29.95	100	358	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 802.11ac VHT80 (Harmonic @ 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.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		11550	45.63	-28.37	74	49.82	39.63	18.42	62.24	100	0	P	H
		17325	50.08	-18.12	68.2	41.98	43.59	23.39	58.88	100	0	P	H
													H
													H
		11550	46.32	-27.68	74	50.51	39.63	18.42	62.24	100	0	P	V
		17325	49.9	-18.3	68.2	41.8	43.59	23.39	58.88	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		100.81	35.54	-7.96	43.5	50.88	15.97	1.06	32.37	100	0	P	H
		160.95	26.79	-16.71	43.5	41.12	16.48	1.55	32.36	-	-	P	H
		266.68	27.13	-18.87	46	37.68	19.5	2.35	32.4	-	-	P	H
		584.84	27.17	-18.83	46	30.66	25.42	3.75	32.66	-	-	P	H
		847.71	32.36	-13.64	46	30.79	29.02	4.64	32.09	-	-	P	H
		996.12	34.32	-19.68	54	29.15	30.58	5.53	30.94	-	-	P	H
													H
													H
													H
													H
													H
													H
		97.9	31.19	-12.31	43.5	46.93	15.58	1.05	32.37	100	0	P	V
		162.89	26.1	-17.4	43.5	40.66	16.24	1.56	32.36	-	-	P	V
		367.56	24.62	-21.38	46	33.27	20.87	2.96	32.48	-	-	P	V
		561.56	27.07	-18.93	46	29.82	26.24	3.65	32.64	-	-	P	V
		767.2	30.75	-15.25	46	30.49	28.22	4.46	32.42	-	-	P	V
		951.5	33.46	-12.54	46	29.38	30.78	4.64	31.34	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5607.8	55.34	-12.86	68.2	39.01	32.44	13.68	29.79	289	64	P	H
		5690.6	55.41	-42.86	98.27	38.72	32.62	13.9	29.83	289	64	P	H
		5715.4	57.51	-52	109.51	40.71	32.67	13.97	29.84	289	64	P	H
		5724	63.01	-56.91	119.92	46.18	32.69	13.99	29.85	289	64	P	H
	*	5745	112.37	-	-	95.44	32.74	14.05	29.86	289	64	P	H
	*	5745	104.92	-	-	87.99	32.74	14.05	29.86	289	64	A	H
													H
													H
		5621.6	54.17	-14.03	68.2	37.78	32.47	13.72	29.8	100	101	P	V
		5681.6	54.94	-36.68	91.62	38.29	32.6	13.88	29.83	100	101	P	V
		5717.4	57.02	-53.05	110.07	40.2	32.68	13.98	29.84	100	101	P	V
		5725	59.83	-62.37	122.2	42.99	32.69	14	29.85	100	101	P	V
	*	5745	109.52	-	-	92.59	32.74	14.05	29.86	100	101	P	V
	*	5745	101.74	-	-	84.81	32.74	14.05	29.86	100	101	A	V
													V
													V



WIFI Ant. 0+3	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		5606.4	55.39	-12.81	68.2	39.07	32.43	13.68	29.79	288	72	P	H
		5692.8	54.55	-45.34	99.89	37.85	32.62	13.91	29.83	288	72	P	H
		5720	55.63	-55.17	110.8	38.82	32.68	13.98	29.85	288	72	P	H
		5722.8	56.19	-60.99	117.18	39.36	32.69	13.99	29.85	288	72	P	H
	*	5785	111.73	-	-	94.62	32.83	14.16	29.88	288	72	P	H
	*	5785	104.09	-	-	86.98	32.83	14.16	29.88	288	72	A	H
		5854.4	54.53	-57.64	112.17	37.44	32.98	14.02	29.91	288	72	P	H
		5858.6	56.93	-52.86	109.79	39.85	32.99	14	29.91	288	72	P	H
		5904.4	55.93	-27.48	83.41	38.92	33.09	13.85	29.93	288	72	P	H
		5944.2	54.26	-13.94	68.2	37.31	33.18	13.72	29.95	288	72	P	H
													H
													H
		5609.4	54.19	-14.01	68.2	37.85	32.44	13.69	29.79	100	105	P	V
		5665.6	54.57	-25.21	79.78	37.99	32.56	13.84	29.82	100	105	P	V
		5716.8	53.94	-55.97	109.91	37.12	32.68	13.98	29.84	100	105	P	V
		5721.6	55	-59.45	114.45	38.17	32.69	13.99	29.85	100	105	P	V
	*	5785	109.14	-	-	92.03	32.83	14.16	29.88	100	105	P	V
	*	5785	101.52	-	-	84.41	32.83	14.16	29.88	100	105	A	V
		5853.6	55.98	-58.01	113.99	38.89	32.98	14.02	29.91	100	105	P	V
		5873.6	54.76	-50.83	105.59	37.71	33.02	13.95	29.92	100	105	P	V
		5875.2	55.53	-49.52	105.05	38.47	33.03	13.95	29.92	100	105	P	V
		5938.6	55.79	-12.41	68.2	38.84	33.16	13.74	29.95	100	105	P	V
													V
													V



WIFI Ant. 0+3	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	110.77	-	-	93.63	32.92	14.12	29.9	295	66	P	H
	*	5825	103.28	-	-	86.14	32.92	14.12	29.9	295	66	A	H
		5850.4	57.1	-64.19	121.29	40.01	32.97	14.03	29.91	295	66	P	H
		5858.4	56.45	-53.4	109.85	39.37	32.99	14	29.91	295	66	P	H
		5887.6	55.84	-40.01	95.85	38.81	33.05	13.91	29.93	295	66	P	H
		5949	54.7	-13.5	68.2	37.77	33.19	13.7	29.96	295	66	P	H
													H
													H
	*	5825	108.4	-	-	91.26	32.92	14.12	29.9	100	102	P	V
	*	5825	100.84	-	-	83.7	32.92	14.12	29.9	100	102	A	V
		5852.2	56.18	-61	117.18	39.09	32.97	14.03	29.91	100	102	P	V
		5860.8	56.3	-52.87	109.17	39.22	32.99	14	29.91	100	102	P	V
		5885.8	55.64	-41.54	97.18	38.61	33.05	13.91	29.93	100	102	P	V
		5929.2	55.74	-12.46	68.2	38.78	33.14	13.77	29.95	100	102	P	V
													V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

WIFI 802.11a (Harmonic @ 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.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	47.95	-26.05	74	52.06	39.71	18.37	62.19	100	0	P	H
		17235	50.27	-17.93	68.2	42.96	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	47.33	-26.67	74	51.44	39.71	18.37	62.19	100	0	P	V
		17235	49.81	-18.39	68.2	42.5	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	48.96	-25.04	74	53.18	39.6	18.44	62.26	100	0	P	H
		17355	50.21	-17.99	68.2	41.85	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	47.13	-26.87	74	51.35	39.6	18.44	62.26	100	0	P	V
		17355	50.21	-17.99	68.2	41.85	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	47.55	-26.45	74	51.88	39.49	18.5	62.32	100	0	P	H
		17475	51.71	-16.49	68.2	42.31	44.37	23.59	58.56	100	0	P	H
													H
													H
		11650	47.18	-26.82	74	51.51	39.49	18.5	62.32	100	0	P	V
		17475	50.96	-17.24	68.2	41.56	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5632.8	54.9	-13.3	68.2	38.46	32.49	13.75	29.8	289	69	P	H
		5696.2	56.27	-46.13	102.4	39.55	32.63	13.92	29.83	289	69	P	H
		5720	58.9	-51.9	110.8	42.09	32.68	13.98	29.85	289	69	P	H
		5723.8	62.34	-57.12	119.46	45.51	32.69	13.99	29.85	289	69	P	H
	*	5745	112.03	-	-	95.1	32.74	14.05	29.86	289	69	P	H
	*	5745	103.94	-	-	87.01	32.74	14.05	29.86	289	69	A	H
													H
													H
		5636.6	55.07	-13.13	68.2	38.62	32.5	13.76	29.81	100	106	P	V
		5691.2	54.53	-44.18	98.71	37.83	32.62	13.91	29.83	100	106	P	V
		5720	56.99	-53.81	110.8	40.18	32.68	13.98	29.85	100	106	P	V
		5724.6	59.39	-61.9	121.29	42.55	32.69	14	29.85	100	106	P	V
	*	5745	108.48	-	-	91.55	32.74	14.05	29.86	100	106	P	V
	*	5745	100.81	-	-	83.88	32.74	14.05	29.86	100	106	A	V
													V
													V



WIFI Ant. 0+3	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		5639.4	55.4	-12.8	68.2	38.93	32.51	13.77	29.81	287	65	P	H
		5690.8	54.38	-44.04	98.42	37.68	32.62	13.91	29.83	287	65	P	H
		5719.8	54.43	-56.31	110.74	37.62	32.68	13.98	29.85	287	65	P	H
		5724	54.26	-65.66	119.92	37.43	32.69	13.99	29.85	287	65	P	H
	*	5785	111.47	-	-	94.36	32.83	14.16	29.88	287	65	P	H
	*	5785	103.6	-	-	86.49	32.83	14.16	29.88	287	65	A	H
		5854.2	54.57	-58.05	112.62	37.48	32.98	14.02	29.91	287	65	P	H
		5860.6	56.57	-52.66	109.23	39.49	32.99	14	29.91	287	65	P	H
		5876.2	55.03	-49.28	104.31	37.98	33.03	13.94	29.92	287	65	P	H
		5933.8	55.54	-12.66	68.2	38.59	33.15	13.75	29.95	287	65	P	H
													H
													H
		5622.4	54.86	-13.34	68.2	38.47	32.47	13.72	29.8	100	108	P	V
		5682.4	54.5	-37.71	92.21	37.85	32.6	13.88	29.83	100	108	P	V
		5712	54.87	-53.69	108.56	38.08	32.67	13.96	29.84	100	108	P	V
		5724.2	53.97	-66.41	120.38	37.13	32.69	14	29.85	100	108	P	V
	*	5785	109.39	-	-	92.28	32.83	14.16	29.88	100	108	P	V
	*	5785	100.96	-	-	83.85	32.83	14.16	29.88	100	108	A	V
		5854.6	55.1	-56.61	111.71	38.01	32.98	14.02	29.91	100	108	P	V
		5860	55.35	-54.05	109.4	38.27	32.99	14	29.91	100	108	P	V
		5884	55.95	-42.57	98.52	38.91	33.04	13.92	29.92	100	108	P	V
		5939.2	55.81	-12.39	68.2	38.86	33.17	13.73	29.95	100	108	P	V
													V
													V



WIFI Ant. 0+3	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	111.53	-	-	94.39	32.92	14.12	29.9	283	63	P	H
	*	5825	103.3	-	-	86.16	32.92	14.12	29.9	283	63	A	H
		5852.4	58.45	-58.28	116.73	41.36	32.98	14.02	29.91	283	63	P	H
		5857.4	56.62	-53.51	110.13	39.53	32.99	14.01	29.91	283	63	P	H
		5904.6	55.99	-27.27	83.26	38.98	33.09	13.85	29.93	283	63	P	H
		5934.2	55.5	-12.7	68.2	38.54	33.16	13.75	29.95	283	63	P	H
													H
													H
	*	5825	108.53	-	-	91.39	32.92	14.12	29.9	100	101	P	V
	*	5825	100.67	-	-	83.53	32.92	14.12	29.9	100	101	A	V
		5850.4	56.58	-64.71	121.29	39.49	32.97	14.03	29.91	100	101	P	V
		5856.8	56.58	-53.72	110.3	39.5	32.98	14.01	29.91	100	101	P	V
		5889.4	55.4	-39.11	94.51	38.37	33.06	13.9	29.93	100	101	P	V
		5942	54.59	-13.61	68.2	37.65	33.17	13.72	29.95	100	101	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		11490	47.77	-26.23	74	51.88	39.71	18.37	62.19	100	0	P	H
		17235	49.84	-18.36	68.2	42.53	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	46.5	-27.5	74	50.61	39.71	18.37	62.19	100	0	P	V
		17235	51.11	-17.09	68.2	43.8	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	60.57	-13.43	74	64.79	39.6	18.44	62.26	100	348	P	H
		11570	48.88	-5.12	54	53.1	39.6	18.44	62.26	100	348	A	H
		17355	52.95	-15.25	68.2	44.59	43.75	23.43	58.82	100	0	P	H
													H
		11570	49.88	-24.12	74	54.1	39.6	18.44	62.26	100	0	P	V
		17355	51.09	-17.11	68.2	42.73	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	59.1	-14.9	74	63.43	39.49	18.5	62.32	209	346	P	H
		11650	48.18	-5.82	54	52.51	39.49	18.5	62.32	209	346	A	H
		17475	51.95	-16.25	68.2	42.55	44.37	23.59	58.56	100	0	P	H
													H
		11650	49.09	-24.91	74	53.42	39.49	18.5	62.32	100	0	P	V
		17475	51.62	-16.58	68.2	42.22	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5602.8	54.95	-13.25	68.2	38.64	32.43	13.67	29.79	291	62	P	H
		5699.2	61.54	-43.07	104.61	44.81	32.64	13.93	29.84	291	62	P	H
		5718.2	66.68	-43.62	110.3	49.86	32.68	13.98	29.84	291	62	P	H
		5723.8	68.13	-51.33	119.46	51.3	32.69	13.99	29.85	291	62	P	H
	*	5755	109.15	-	-	92.17	32.76	14.08	29.86	291	62	P	H
	*	5755	101.2	-	-	84.22	32.76	14.08	29.86	291	62	A	H
		5854.4	54.03	-58.14	112.17	36.94	32.98	14.02	29.91	291	62	P	H
		5865.8	54.68	-53.09	107.77	37.62	33	13.98	29.92	291	62	P	H
		5885.8	55.01	-42.17	97.18	37.98	33.05	13.91	29.93	291	62	P	H
		5931.6	54.91	-13.29	68.2	37.95	33.15	13.76	29.95	291	62	P	H
													H
													H
		5637.8	54.14	-14.06	68.2	37.69	32.5	13.76	29.81	100	100	P	V
		5699.6	59.23	-45.68	104.91	42.5	32.64	13.93	29.84	100	100	P	V
		5717.2	63.48	-46.54	110.02	46.66	32.68	13.98	29.84	100	100	P	V
		5722.2	64.99	-50.83	115.82	48.16	32.69	13.99	29.85	100	100	P	V
	*	5755	106.39	-	-	89.41	32.76	14.08	29.86	100	100	P	V
	*	5755	98.46	-	-	81.48	32.76	14.08	29.86	100	100	A	V
		5853.4	55.57	-58.88	114.45	38.48	32.98	14.02	29.91	100	100	P	V
		5874	54.84	-50.64	105.48	37.79	33.02	13.95	29.92	100	100	P	V
		5909	54.86	-25.15	80.01	37.87	33.1	13.83	29.94	100	100	P	V
		5931	54.69	-13.51	68.2	37.73	33.15	13.76	29.95	100	100	P	V
													V
													V



WIFI Ant. 0+3	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		5643.2	55.24	-12.96	68.2	38.75	32.52	13.78	29.81	287	64	P	H
		5689	55.26	-41.83	97.09	38.57	32.62	13.9	29.83	287	64	P	H
		5717.4	56.49	-53.58	110.07	39.67	32.68	13.98	29.84	287	64	P	H
		5722.4	58.19	-58.08	116.27	41.36	32.69	13.99	29.85	287	64	P	H
	*	5795	108.45	-	-	91.29	32.85	14.19	29.88	287	64	P	H
	*	5795	100.48	-	-	83.32	32.85	14.19	29.88	287	64	A	H
		5852.8	59.82	-56	115.82	42.73	32.98	14.02	29.91	287	64	P	H
		5856.2	58.05	-52.41	110.46	40.97	32.98	14.01	29.91	287	64	P	H
		5875.8	56.64	-47.97	104.61	39.58	33.03	13.95	29.92	287	64	P	H
		5945	55.98	-12.22	68.2	39.04	33.18	13.71	29.95	287	64	P	H
													H
													H
		5633.6	55.56	-12.64	68.2	39.12	32.49	13.75	29.8	100	91	P	V
		5695.4	55.46	-46.35	101.81	38.74	32.63	13.92	29.83	100	91	P	V
		5711.4	55.57	-52.82	108.39	38.78	32.67	13.96	29.84	100	91	P	V
		5723.4	55.18	-63.37	118.55	38.35	32.69	13.99	29.85	100	91	P	V
	*	5795	106.63	-	-	89.47	32.85	14.19	29.88	100	91	P	V
	*	5795	98.58	-	-	81.42	32.85	14.19	29.88	100	91	A	V
		5854.8	57.94	-53.32	111.26	40.85	32.98	14.02	29.91	100	91	P	V
		5855.8	57.88	-52.7	110.58	40.8	32.98	14.01	29.91	100	91	P	V
		5878	55.02	-47.95	102.97	37.97	33.03	13.94	29.92	100	91	P	V
		5928.2	55.3	-12.9	68.2	38.34	33.14	13.77	29.95	100	91	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		11510	47.31	-26.69	74	51.44	39.69	18.39	62.21	100	0	P	H
		17265	50.99	-17.21	68.2	43.43	43.28	23.3	59.02	100	0	P	H
													H
													H
		11510	46.86	-27.14	74	50.99	39.69	18.39	62.21	100	0	P	V
		17265	50	-18.2	68.2	42.44	43.28	23.3	59.02	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	46.66	-27.34	74	50.9	39.57	18.46	62.27	100	0	P	H
		17385	51.09	-17.11	68.2	42.47	43.9	23.47	58.75	100	0	P	H
													H
													H
		11590	45.95	-28.05	74	50.19	39.57	18.46	62.27	100	0	P	V
		17385	51.14	-17.06	68.2	42.52	43.9	23.47	58.75	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5644.6	56.97	-11.23	68.2	40.48	32.52	13.78	29.81	286	63	P	H
		5698.8	65.53	-38.79	104.32	48.8	32.64	13.93	29.84	286	63	P	H
		5717.2	66.98	-43.04	110.02	50.16	32.68	13.98	29.84	286	63	P	H
		5721.8	68.19	-46.71	114.9	51.36	32.69	13.99	29.85	286	63	P	H
	*	5775	105.52	-	-	88.45	32.81	14.13	29.87	286	63	P	H
	*	5775	97.83	-	-	80.76	32.81	14.13	29.87	286	63	A	H
		5850.4	66.25	-55.04	121.29	49.16	32.97	14.03	29.91	286	63	P	H
		5855.4	64.28	-46.41	110.69	47.2	32.98	14.01	29.91	286	63	P	H
		5876.6	60.55	-43.46	104.01	43.5	33.03	13.94	29.92	286	63	P	H
		5947.8	55.22	-12.98	68.2	38.28	33.19	13.7	29.95	286	63	P	H
													H
													H
		5648.6	56.9	-11.3	68.2	40.39	32.53	13.79	29.81	100	92	P	V
		5699.8	62.78	-42.27	105.05	46.05	32.64	13.93	29.84	100	92	P	V
		5717.2	65.52	-44.5	110.02	48.7	32.68	13.98	29.84	100	92	P	V
		5721.8	65.84	-49.06	114.9	49.01	32.69	13.99	29.85	100	92	P	V
	*	5775	102.72	-	-	85.65	32.81	14.13	29.87	100	92	P	V
	*	5775	95.21	-	-	78.14	32.81	14.13	29.87	100	92	A	V
		5850.6	65.93	-54.9	120.83	48.84	32.97	14.03	29.91	100	92	P	V
		5857.2	64.56	-45.62	110.18	47.47	32.99	14.01	29.91	100	92	P	V
		5875.8	59.9	-44.71	104.61	42.84	33.03	13.95	29.92	100	92	P	V
		5945.6	55.06	-13.14	68.2	38.12	33.18	13.71	29.95	100	92	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 802.11ac VHT80 (Harmonic @ 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.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		11550	46.49	-27.51	74	50.68	39.63	18.42	62.24	100	0	P	H
		17325	50.24	-17.96	68.2	42.14	43.59	23.39	58.88	100	0	P	H
													H
													H
		11550	46.7	-27.3	74	50.89	39.63	18.42	62.24	100	0	P	V
		17325	50.97	-17.23	68.2	42.87	43.59	23.39	58.88	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		97.9	36.59	-6.91	43.5	52.33	15.58	1.05	32.37	100	0	P	H
		159.01	29.18	-14.32	43.5	43.37	16.62	1.55	32.36	-	-	P	H
		450.01	24.63	-21.37	46	30.86	23.14	3.17	32.54	-	-	P	H
		727.43	29.35	-16.65	46	30.04	27.46	4.33	32.48	-	-	P	H
		835.1	31.15	-14.85	46	29.99	28.76	4.56	32.16	-	-	P	H
		961.2	33.98	-20.02	54	29.39	31	4.84	31.25	-	-	P	H
													H
													H
													H
													H
													H
													H
		96.93	33.2	-10.3	43.5	49.08	15.45	1.04	32.37	100	0	P	V
		173.56	26.76	-16.74	43.5	42.16	15.36	1.6	32.36	-	-	P	V
		411.21	23.51	-22.49	46	30.54	22.27	3.21	32.51	-	-	P	V
		723.55	30.55	-15.45	46	31.47	27.27	4.3	32.49	-	-	P	V
		944.71	33.94	-12.06	46	30.12	30.6	4.62	31.4	-	-	P	V
		965.08	34.07	-19.93	54	29.41	30.97	4.91	31.22	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Camera Mode>

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.
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5640.8	55.18	-13.02	68.2	38.71	32.51	13.77	29.81	111	24	P	H
		5688.8	55.77	-41.17	96.94	39.08	32.62	13.9	29.83	111	24	P	H
		5718.4	64.51	-45.84	110.35	47.69	32.68	13.98	29.84	111	24	P	H
		5724.4	69.8	-51.03	120.83	52.96	32.69	14	29.85	111	24	P	H
	*	5745	111.49	-	-	94.56	32.74	14.05	29.86	111	24	P	H
	*	5745	103.84	-	-	86.91	32.74	14.05	29.86	111	24	A	H
													H
													H
		5633.6	55.19	-13.01	68.2	38.75	32.49	13.75	29.8	109	0	P	V
		5673.8	55.13	-30.72	85.85	38.51	32.58	13.86	29.82	109	0	P	V
		5717.2	66.64	-43.38	110.02	49.82	32.68	13.98	29.84	109	0	P	V
		5724.8	69.08	-52.66	121.74	52.24	32.69	14	29.85	109	0	P	V
	*	5745	111.62	-	-	94.69	32.74	14.05	29.86	109	0	P	V
	*	5745	103.75	-	-	86.82	32.74	14.05	29.86	109	0	A	V
													V
													V



WIFI Ant. 3	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		5641.6	54.34	-13.86	68.2	37.87	32.51	13.77	29.81	104	23	P	H
		5684	54.25	-39.15	93.4	37.59	32.6	13.89	29.83	104	23	P	H
		5700.4	55.06	-50.25	105.31	38.33	32.64	13.93	29.84	104	23	P	H
		5723.2	55.03	-63.07	118.1	38.2	32.69	13.99	29.85	104	23	P	H
	*	5785	111.6	-	-	94.49	32.83	14.16	29.88	104	23	P	H
	*	5785	104.25	-	-	87.14	32.83	14.16	29.88	104	23	A	H
		5853	54.29	-61.07	115.36	37.2	32.98	14.02	29.91	104	23	P	H
		5869.2	54.4	-52.42	106.82	37.34	33.01	13.97	29.92	104	23	P	H
		5885.6	55.04	-42.29	97.33	38.01	33.05	13.91	29.93	104	23	P	H
		5940	55.54	-12.66	68.2	38.59	33.17	13.73	29.95	104	23	P	H
													H
													H
		5617	54.29	-13.91	68.2	37.92	32.46	13.71	29.8	115	1	P	V
		5659.8	55.79	-19.69	75.48	39.24	32.55	13.82	29.82	115	1	P	V
		5715.4	54.33	-55.18	109.51	37.53	32.67	13.97	29.84	115	1	P	V
		5720.8	55.18	-57.44	112.62	38.35	32.69	13.99	29.85	115	1	P	V
	*	5785	111.67	-	-	94.56	32.83	14.16	29.88	115	1	P	V
	*	5785	104.37	-	-	87.26	32.83	14.16	29.88	115	1	A	V
		5854.8	54.58	-56.68	111.26	37.49	32.98	14.02	29.91	115	1	P	V
		5863.8	55.21	-53.12	108.33	38.13	33	13.99	29.91	115	1	P	V
		5917.2	55.18	-18.77	73.95	38.19	33.12	13.81	29.94	115	1	P	V
		5928	55.18	-13.02	68.2	38.22	33.14	13.77	29.95	115	1	P	V
													V
													V



WIFI Ant. 3	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	110.69	-	-	93.55	32.92	14.12	29.9	101	24	P	H
	*	5825	103.63	-	-	86.49	32.92	14.12	29.9	101	24	A	H
		5850	67.61	-54.59	122.2	50.52	32.97	14.03	29.91	101	24	P	H
		5856.8	64.69	-45.61	110.3	47.61	32.98	14.01	29.91	101	24	P	H
		5913.2	55.65	-21.25	76.9	38.66	33.11	13.82	29.94	101	24	P	H
		5945.8	54.84	-13.36	68.2	37.9	33.18	13.71	29.95	101	24	P	H
													H
													H
	*	5825	111.71	-	-	94.57	32.92	14.12	29.9	116	0	P	V
	*	5825	104.19	-	-	87.05	32.92	14.12	29.9	116	0	A	V
		5850.2	68.85	-52.89	121.74	51.76	32.97	14.03	29.91	116	0	P	V
		5858	66.65	-43.31	109.96	49.56	32.99	14.01	29.91	116	0	P	V
		5875.2	57.63	-47.42	105.05	40.57	33.03	13.95	29.92	116	0	P	V
		5932.4	54.39	-13.81	68.2	37.43	33.15	13.76	29.95	116	0	P	V
													V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

WIFI 802.11a (Harmonic @ 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.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	47.89	-26.11	74	52	39.71	18.37	62.19	100	0	P	H
		17235	52.21	-15.99	68.2	44.9	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	47.15	-26.85	74	51.26	39.71	18.37	62.19	100	0	P	V
		17235	51.69	-16.51	68.2	44.38	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	48.12	-25.88	74	52.34	39.6	18.44	62.26	100	0	P	H
		17355	51.79	-16.41	68.2	43.43	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	47.56	-26.44	74	51.78	39.6	18.44	62.26	100	0	P	V
		17355	51.43	-16.77	68.2	43.07	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	53.4	-20.6	74	57.73	39.49	18.5	62.32	202	333	P	H
		11650	42.5	-11.5	54	46.83	39.49	18.5	62.32	202	333	A	H
		17475	51.59	-16.61	68.2	42.19	44.37	23.59	58.56	100	0	P	H
													H
		11650	49.39	-24.61	74	53.72	39.49	18.5	62.32	100	0	P	V
		17475	51.82	-16.38	68.2	42.42	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5650	55.35	-12.85	68.2	38.83	32.53	13.8	29.81	109	25	P	H
		5693	56.49	-43.55	100.04	39.79	32.62	13.91	29.83	109	25	P	H
		5718.6	67.86	-42.55	110.41	51.04	32.68	13.98	29.84	109	25	P	H
		5723.8	74.81	-44.65	119.46	57.98	32.69	13.99	29.85	109	25	P	H
	*	5745	111.32	-	-	94.39	32.74	14.05	29.86	109	25	P	H
	*	5745	103.48	-	-	86.55	32.74	14.05	29.86	109	25	A	H
													H
													H
		5641.6	55.07	-13.13	68.2	38.6	32.51	13.77	29.81	108	1	P	V
		5693.4	56.26	-44.07	100.33	39.55	32.63	13.91	29.83	108	1	P	V
		5717.4	67.01	-43.06	110.07	50.19	32.68	13.98	29.84	108	1	P	V
		5724.2	74.35	-46.03	120.38	57.51	32.69	14	29.85	108	1	P	V
	*	5745	111.76	-	-	94.83	32.74	14.05	29.86	108	1	P	V
	*	5745	103.55	-	-	86.62	32.74	14.05	29.86	108	1	A	V
													V
													V



WIFI Ant. 3	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		5625	53.92	-14.28	68.2	37.52	32.47	13.73	29.8	102	24	P	H
		5656.6	54.11	-18.99	73.1	37.58	32.54	13.81	29.82	102	24	P	H
		5703.8	54.49	-51.78	106.27	37.74	32.65	13.94	29.84	102	24	P	H
		5721.4	53.62	-60.37	113.99	36.79	32.69	13.99	29.85	102	24	P	H
	*	5785	111.36	-	-	94.25	32.83	14.16	29.88	102	24	P	H
	*	5785	103.63	-	-	86.52	32.83	14.16	29.88	102	24	A	H
		5851	54.81	-65.11	119.92	37.72	32.97	14.03	29.91	102	24	P	H
		5864.6	54.93	-53.18	108.11	37.87	33	13.98	29.92	102	24	P	H
		5897.2	55.45	-33.28	88.73	38.44	33.07	13.87	29.93	102	24	P	H
		5929.8	54.16	-14.04	68.2	37.19	33.15	13.77	29.95	102	24	P	H
													H
													H
		5611	53.5	-14.7	68.2	37.16	32.44	13.69	29.79	111	1	P	V
		5672.4	55.03	-29.79	84.82	38.41	32.58	13.86	29.82	111	1	P	V
		5706.8	54.35	-52.76	107.11	37.59	32.65	13.95	29.84	111	1	P	V
		5720.8	54.55	-58.07	112.62	37.72	32.69	13.99	29.85	111	1	P	V
	*	5785	111.65	-	-	94.54	32.83	14.16	29.88	111	1	P	V
	*	5785	103.81	-	-	86.7	32.83	14.16	29.88	111	1	A	V
		5852.4	54.59	-62.14	116.73	37.5	32.98	14.02	29.91	111	1	P	V
		5859.2	55.9	-53.72	109.62	38.82	32.99	14	29.91	111	1	P	V
		5914.2	56.47	-19.7	76.17	39.48	33.11	13.82	29.94	111	1	P	V
		5928	55.44	-12.76	68.2	38.48	33.14	13.77	29.95	111	1	P	V
													V
													V



WIFI Ant. 3	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	110.86	-	-	93.72	32.92	14.12	29.9	105	23	P	H
	*	5825	103.48	-	-	86.34	32.92	14.12	29.9	105	23	A	H
		5850.2	67.32	-54.42	121.74	50.23	32.97	14.03	29.91	105	23	P	H
		5855.2	64.67	-46.07	110.74	47.58	32.98	14.02	29.91	105	23	P	H
		5917.4	56.11	-17.69	73.8	39.12	33.12	13.81	29.94	105	23	P	H
		5926.4	54.57	-13.63	68.2	37.59	33.14	13.78	29.94	105	23	P	H
													H
													H
	*	5825	111.73	-	-	94.59	32.92	14.12	29.9	116	1	P	V
	*	5825	103.93	-	-	86.79	32.92	14.12	29.9	116	1	A	V
		5850.2	69.65	-52.09	121.74	52.56	32.97	14.03	29.91	116	1	P	V
		5855.2	66.38	-44.36	110.74	49.29	32.98	14.02	29.91	116	1	P	V
		5877	56.31	-47.4	103.71	39.26	33.03	13.94	29.92	116	1	P	V
		5947	54.44	-13.76	68.2	37.5	33.18	13.71	29.95	116	1	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5633	54	-14.2	68.2	37.56	32.49	13.75	29.8	120	24	P	H
		5698.8	64.91	-39.41	104.32	48.18	32.64	13.93	29.84	120	24	P	H
		5719	71.69	-38.83	110.52	54.88	32.68	13.98	29.85	120	24	P	H
		5723	74.46	-43.18	117.64	57.63	32.69	13.99	29.85	120	24	P	H
	*	5755	108.1	-	-	91.12	32.76	14.08	29.86	120	24	P	H
	*	5755	100.47	-	-	83.49	32.76	14.08	29.86	120	24	A	H
		5853.2	55.28	-59.62	114.9	38.19	32.98	14.02	29.91	120	24	P	H
		5863.6	54.96	-53.43	108.39	37.88	33	13.99	29.91	120	24	P	H
		5923.4	55.3	-14.08	69.38	38.32	33.13	13.79	29.94	120	24	P	H
		5940.2	55.7	-12.5	68.2	38.75	33.17	13.73	29.95	120	24	P	H
													H
													H
		5624.2	55.02	-13.18	68.2	38.62	32.47	13.73	29.8	100	347	P	V
		5697	64.47	-38.52	102.99	47.75	32.63	13.92	29.83	100	347	P	V
		5719.6	70.92	-39.77	110.69	54.11	32.68	13.98	29.85	100	347	P	V
		5721.6	73.22	-41.23	114.45	56.39	32.69	13.99	29.85	100	347	P	V
	*	5755	108.77	-	-	91.79	32.76	14.08	29.86	100	347	P	V
	*	5755	101.14	-	-	84.16	32.76	14.08	29.86	100	347	A	V
		5855	54.93	-55.87	110.8	37.84	32.98	14.02	29.91	100	347	P	V
		5861.4	55.17	-53.84	109.01	38.09	33	13.99	29.91	100	347	P	V
		5903.2	55.57	-28.72	84.29	38.56	33.09	13.85	29.93	100	347	P	V
		5936.2	55.34	-12.86	68.2	38.39	33.16	13.74	29.95	100	347	P	V
													V
													V



WIFI Ant. 3	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		5639.2	53.79	-14.41	68.2	37.32	32.51	13.77	29.81	109	25	P	H
		5698.4	57.67	-46.35	104.02	40.94	32.64	13.93	29.84	109	25	P	H
		5717.8	59.22	-50.96	110.18	42.4	32.68	13.98	29.84	109	25	P	H
		5723.2	61.55	-56.55	118.1	44.72	32.69	13.99	29.85	109	25	P	H
	*	5795	108.79	-	-	91.63	32.85	14.19	29.88	109	25	P	H
	*	5795	100.65	-	-	83.49	32.85	14.19	29.88	109	25	A	H
		5850.8	64.08	-56.3	120.38	46.99	32.97	14.03	29.91	109	25	P	H
		5857.4	62.54	-47.59	110.13	45.45	32.99	14.01	29.91	109	25	P	H
		5878.6	57.13	-45.4	102.53	40.08	33.03	13.94	29.92	109	25	P	H
		5929.2	54.42	-13.78	68.2	37.46	33.14	13.77	29.95	109	25	P	H
													H
													H
		5629	54.11	-14.09	68.2	37.69	32.48	13.74	29.8	100	356	P	V
		5697.4	55.73	-47.55	103.28	39.01	32.63	13.92	29.83	100	356	P	V
		5718.4	59.76	-50.59	110.35	42.94	32.68	13.98	29.84	100	356	P	V
		5723.6	60.51	-58.5	119.01	43.68	32.69	13.99	29.85	100	356	P	V
	*	5795	109.28	-	-	92.12	32.85	14.19	29.88	100	356	P	V
	*	5795	101.54	-	-	84.38	32.85	14.19	29.88	100	356	A	V
		5852.6	66.7	-49.57	116.27	49.61	32.98	14.02	29.91	100	356	P	V
		5856.4	64.66	-45.75	110.41	47.58	32.98	14.01	29.91	100	356	P	V
		5883.2	57.1	-42.01	99.11	40.06	33.04	13.92	29.92	100	356	P	V
		5946.8	53.99	-14.21	68.2	37.05	33.18	13.71	29.95	100	356	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5647	60.39	-7.81	68.2	43.89	32.52	13.79	29.81	102	25	P	H
		5698.8	71.47	-32.85	104.32	54.74	32.64	13.93	29.84	102	25	P	H
		5716.8	74.75	-35.16	109.91	57.93	32.68	13.98	29.84	102	25	P	H
		5724	73.42	-46.5	119.92	56.59	32.69	13.99	29.85	102	25	P	H
	*	5775	105.79	-	-	88.72	32.81	14.13	29.87	102	25	P	H
	*	5775	97.94	-	-	80.87	32.81	14.13	29.87	102	25	A	H
		5852.8	71.44	-44.38	115.82	54.35	32.98	14.02	29.91	102	25	P	H
		5857.2	70.46	-39.72	110.18	53.37	32.99	14.01	29.91	102	25	P	H
		5877.4	65.27	-38.15	103.42	48.22	33.03	13.94	29.92	102	25	P	H
		5939.4	55.63	-12.57	68.2	38.68	33.17	13.73	29.95	102	25	P	H
													H
													H
		5649.8	60.45	-7.75	68.2	43.94	32.53	13.79	29.81	117	0	P	V
		5697.4	72.22	-31.06	103.28	55.5	32.63	13.92	29.83	117	0	P	V
		5717	75.07	-34.89	109.96	58.25	32.68	13.98	29.84	117	0	P	V
		5721.4	74.61	-39.38	113.99	57.78	32.69	13.99	29.85	117	0	P	V
	*	5775	106.16	-	-	89.09	32.81	14.13	29.87	117	0	P	V
	*	5775	98.1	-	-	81.03	32.81	14.13	29.87	117	0	A	V
		5852.4	72.83	-43.9	116.73	55.74	32.98	14.02	29.91	117	0	P	V
		5856.4	71.07	-39.34	110.41	53.99	32.98	14.01	29.91	117	0	P	V
		5875.2	66.44	-38.61	105.05	49.38	33.03	13.95	29.92	117	0	P	V
		5944.6	57.68	-10.52	68.2	40.73	33.18	13.72	29.95	117	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

5GHz WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11n HT40 LF		98.87	35.27	-8.23	43.5	50.89	15.7	1.05	32.37	100	0	P	H
		159.98	26.15	-17.35	43.5	40.36	16.6	1.55	32.36	-	-	P	H
		267.65	25.97	-20.03	46	36.58	19.44	2.35	32.4	-	-	P	H
		552.83	26.94	-19.06	46	30.38	25.58	3.61	32.63	-	-	P	H
		763.32	30.9	-15.1	46	30.61	28.23	4.48	32.42	-	-	P	H
		967.02	33.92	-20.08	54	29.22	30.95	4.95	31.2	-	-	P	H
													H
													H
													H
													H
													H
													H
		97.9	31.07	-12.43	43.5	46.81	15.58	1.05	32.37	100	0	P	V
		164.83	25.23	-18.27	43.5	40.03	15.99	1.57	32.36	-	-	P	V
		445.16	24.03	-21.97	46	30.35	23.05	3.17	32.54	-	-	P	V
		661.47	28.36	-17.64	46	30.52	26.35	4.08	32.59	-	-	P	V
		758.47	30.4	-15.6	46	30.11	28.22	4.5	32.43	-	-	P	V
		942.77	33.23	-12.77	46	29.48	30.54	4.62	31.41	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5642.2	55.57	-12.63	68.2	39.1	32.51	13.77	29.81	100	292	P	H
		5689	55.47	-41.62	97.09	38.78	32.62	13.9	29.83	100	292	P	H
		5720	59.1	-51.7	110.8	42.29	32.68	13.98	29.85	100	292	P	H
		5725	67.02	-55.18	122.2	50.18	32.69	14	29.85	100	292	P	H
	*	5745	108.02	-	-	91.09	32.74	14.05	29.86	100	292	P	H
	*	5745	100.69	-	-	83.76	32.74	14.05	29.86	100	292	A	H
													H
													H
		5634.4	53.97	-14.23	68.2	37.52	32.5	13.75	29.8	100	203	P	V
		5688	54.47	-41.88	96.35	37.79	32.61	13.9	29.83	100	203	P	V
		5717	56.01	-53.95	109.96	39.19	32.68	13.98	29.84	100	203	P	V
		5724.4	56.84	-63.99	120.83	40	32.69	14	29.85	100	203	P	V
	*	5745	101.83	-	-	84.9	32.74	14.05	29.86	100	203	P	V
	*	5745	94.31	-	-	77.38	32.74	14.05	29.86	100	203	A	V
													V
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 157 5785MHz		5639.8	54.67	-13.53	68.2	38.2	32.51	13.77	29.81	100	294	P	H
		5692.6	53.76	-45.98	99.74	37.06	32.62	13.91	29.83	100	294	P	H
		5717.4	54.05	-56.02	110.07	37.23	32.68	13.98	29.84	100	294	P	H
		5724.2	54.06	-66.32	120.38	37.22	32.69	14	29.85	100	294	P	H
	*	5785	107.36	-	-	90.25	32.83	14.16	29.88	100	294	P	H
	*	5785	99.77	-	-	82.66	32.83	14.16	29.88	100	294	A	H
		5850.4	53.34	-67.95	121.29	36.25	32.97	14.03	29.91	100	294	P	H
		5860.6	54.55	-54.68	109.23	37.47	32.99	14	29.91	100	294	P	H
		5875.8	55.24	-49.37	104.61	38.18	33.03	13.95	29.92	100	294	P	H
		5932.8	54.99	-13.21	68.2	38.03	33.15	13.76	29.95	100	294	P	H
													H
													H
		5605.6	53.61	-14.59	68.2	37.29	32.43	13.68	29.79	100	189	P	V
		5661.6	55.07	-21.74	76.81	38.5	32.56	13.83	29.82	100	189	P	V
		5715	54.28	-55.12	109.4	37.48	32.67	13.97	29.84	100	189	P	V
		5723.6	55.17	-63.84	119.01	38.34	32.69	13.99	29.85	100	189	P	V
	*	5785	102.35	-	-	85.24	32.83	14.16	29.88	100	189	P	V
	*	5785	95.07	-	-	77.96	32.83	14.16	29.88	100	189	A	V
		5852	53.65	-63.99	117.64	36.56	32.97	14.03	29.91	100	189	P	V
		5871	55.12	-51.2	106.32	38.06	33.02	13.96	29.92	100	189	P	V
		5875.8	55.35	-49.26	104.61	38.29	33.03	13.95	29.92	100	189	P	V
		5935	54.68	-13.52	68.2	37.72	33.16	13.75	29.95	100	189	P	V
													V
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 165 5825MHz	*	5825	107.25	-	-	90.11	32.92	14.12	29.9	100	295	P	H
	*	5825	99.71	-	-	82.57	32.92	14.12	29.9	100	295	A	H
		5851.6	58.2	-60.35	118.55	41.11	32.97	14.03	29.91	100	295	P	H
		5855.6	56.67	-53.96	110.63	39.59	32.98	14.01	29.91	100	295	P	H
		5875	56.24	-48.96	105.2	39.18	33.03	13.95	29.92	100	295	P	H
		5947	55.26	-12.94	68.2	38.32	33.18	13.71	29.95	100	295	P	H
													H
													H
	*	5825	102.09	-	-	84.95	32.92	14.12	29.9	106	187	P	V
	*	5825	94.96	-	-	77.82	32.92	14.12	29.9	106	187	A	V
		5853.2	54	-60.9	114.9	36.91	32.98	14.02	29.91	106	187	P	V
		5863	55.16	-53.4	108.56	38.08	33	13.99	29.91	106	187	P	V
		5902.6	56.07	-28.67	84.74	39.05	33.09	13.86	29.93	106	187	P	V
		5925.8	54.89	-13.31	68.2	37.91	33.14	13.78	29.94	106	187	P	V
													V
													V
													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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	46.41	-27.59	74	50.52	39.71	18.37	62.19	100	0	P	H
		17235	50.44	-17.76	68.2	43.13	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	46.41	-27.59	74	50.52	39.71	18.37	62.19	100	0	P	V
		17235	49.83	-18.37	68.2	42.52	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	46.35	-27.65	74	50.57	39.6	18.44	62.26	100	0	P	H
		17355	49.84	-18.36	68.2	41.48	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	45.9	-28.1	74	50.12	39.6	18.44	62.26	100	0	P	V
		17355	50.1	-18.1	68.2	41.74	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	46.53	-27.47	74	50.86	39.49	18.5	62.32	100	0	P	H
		17475	51.18	-17.02	68.2	41.78	44.37	23.59	58.56	100	0	P	H
													H
													H
		11650	45.68	-28.32	74	50.01	39.49	18.5	62.32	100	0	P	V
		17475	50.9	-17.3	68.2	41.5	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5629.2	54.97	-13.23	68.2	38.55	32.48	13.74	29.8	101	59	P	H
		5694.2	55.82	-45.1	100.92	39.11	32.63	13.91	29.83	101	59	P	H
		5720	60.76	-50.04	110.8	43.95	32.68	13.98	29.85	101	59	P	H
		5725	68.38	-53.82	122.2	51.54	32.69	14	29.85	101	59	P	H
	*	5745	109.4	-	-	92.47	32.74	14.05	29.86	101	59	P	H
	*	5745	101.69	-	-	84.76	32.74	14.05	29.86	101	59	A	H
													H
													H
		5631	55.36	-12.84	68.2	38.93	32.49	13.74	29.8	100	263	P	V
		5679.6	55.55	-34.59	90.14	38.91	32.6	13.87	29.83	100	263	P	V
		5719.4	57.37	-53.26	110.63	40.56	32.68	13.98	29.85	100	263	P	V
		5724	62.72	-57.2	119.92	45.89	32.69	13.99	29.85	100	263	P	V
	*	5745	103.94	-	-	87.01	32.74	14.05	29.86	100	263	P	V
	*	5745	95.67	-	-	78.74	32.74	14.05	29.86	100	263	A	V
													V
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 157 5785MHz		5641.8	55.55	-12.65	68.2	39.08	32.51	13.77	29.81	101	60	P	H
		5670	56.02	-27.02	83.04	39.42	32.57	13.85	29.82	101	60	P	H
		5717.4	55.88	-54.19	110.07	39.06	32.68	13.98	29.84	101	60	P	H
		5725	54.53	-67.67	122.2	37.69	32.69	14	29.85	101	60	P	H
	*	5785	109.41	-	-	92.3	32.83	14.16	29.88	101	60	P	H
	*	5785	101.89	-	-	84.78	32.83	14.16	29.88	101	60	A	H
		5851	55.14	-64.78	119.92	38.05	32.97	14.03	29.91	101	60	P	H
		5874	55.95	-49.53	105.48	38.9	33.02	13.95	29.92	101	60	P	H
		5879.8	56.28	-45.35	101.63	39.23	33.04	13.93	29.92	101	60	P	H
		5931	55.99	-12.21	68.2	39.03	33.15	13.76	29.95	101	60	P	H
													H
													H
		5637	55.66	-12.54	68.2	39.21	32.5	13.76	29.81	101	259	P	V
		5698.6	55.02	-49.15	104.17	38.29	32.64	13.93	29.84	101	259	P	V
		5708.8	56.22	-51.45	107.67	39.45	32.66	13.95	29.84	101	259	P	V
		5723.8	54.49	-64.97	119.46	37.66	32.69	13.99	29.85	101	259	P	V
	*	5785	103.69	-	-	86.58	32.83	14.16	29.88	101	259	P	V
	*	5785	96.14	-	-	79.03	32.83	14.16	29.88	101	259	A	V
		5854.6	55.5	-56.21	111.71	38.41	32.98	14.02	29.91	101	259	P	V
		5864.4	55.95	-52.22	108.17	38.88	33	13.98	29.91	101	259	P	V
		5886.8	56.8	-39.64	96.44	39.77	33.05	13.91	29.93	101	259	P	V
		5926.4	55.6	-12.6	68.2	38.62	33.14	13.78	29.94	101	259	P	V
													V
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 165 5825MHz	*	5825	109.27	-	-	92.13	32.92	14.12	29.9	100	59	P	H
	*	5825	101.76	-	-	84.62	32.92	14.12	29.9	100	59	A	H
		5850	62.81	-59.39	122.2	45.72	32.97	14.03	29.91	100	59	P	H
		5855.8	60.72	-49.86	110.58	43.64	32.98	14.01	29.91	100	59	P	H
		5877.4	56.78	-46.64	103.42	39.73	33.03	13.94	29.92	100	59	P	H
		5931.4	56.84	-11.36	68.2	39.88	33.15	13.76	29.95	100	59	P	H
													H
													H
	*	5825	103	-	-	85.86	32.92	14.12	29.9	106	259	P	V
	*	5825	95.58	-	-	78.44	32.92	14.12	29.9	106	259	A	V
		5850.2	57.58	-64.16	121.74	40.49	32.97	14.03	29.91	106	259	P	V
		5870	56.14	-50.46	106.6	39.08	33.01	13.97	29.92	106	259	P	V
		5885.4	56.46	-41.02	97.48	39.42	33.05	13.91	29.92	106	259	P	V
		5942	55.39	-12.81	68.2	38.45	33.17	13.72	29.95	106	259	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5629.8	55.69	-12.51	68.2	39.26	32.49	13.74	29.8	104	61	P	H
		5699	62.66	-41.8	104.46	45.93	32.64	13.93	29.84	104	61	P	H
		5718.8	71.52	-38.94	110.46	54.71	32.68	13.98	29.85	104	61	P	H
		5724.6	74.8	-46.49	121.29	57.96	32.69	14	29.85	104	61	P	H
	*	5755	106.77	-	-	89.79	32.76	14.08	29.86	104	61	P	H
	*	5755	98.72	-	-	81.74	32.76	14.08	29.86	104	61	A	H
		5850.8	56.07	-64.31	120.38	38.98	32.97	14.03	29.91	104	61	P	H
		5860	56.82	-52.58	109.4	39.74	32.99	14	29.91	104	61	P	H
		5892	56.05	-36.53	92.58	39.03	33.06	13.89	29.93	104	61	P	H
		5948	56.11	-12.09	68.2	39.18	33.19	13.7	29.96	104	61	P	H
													H
													H
		5622.8	54.74	-13.46	68.2	38.35	32.47	13.72	29.8	101	260	P	V
		5699.4	57.29	-47.47	104.76	40.56	32.64	13.93	29.84	101	260	P	V
		5720	65.13	-45.67	110.8	48.32	32.68	13.98	29.85	101	260	P	V
		5724	67.24	-52.68	119.92	50.41	32.69	13.99	29.85	101	260	P	V
	*	5755	100.79	-	-	83.81	32.76	14.08	29.86	101	260	P	V
	*	5755	92.93	-	-	75.95	32.76	14.08	29.86	101	260	A	V
		5855	55.28	-55.52	110.8	38.19	32.98	14.02	29.91	101	260	P	V
		5872.4	55.98	-49.95	105.93	38.92	33.02	13.96	29.92	101	260	P	V
		5918	55.71	-17.65	73.36	38.73	33.12	13.8	29.94	101	260	P	V
		5933.4	55.78	-12.42	68.2	38.83	33.15	13.75	29.95	101	260	P	V
													V
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 159 5795MHz		5623.2	55.65	-12.55	68.2	39.26	32.47	13.72	29.8	103	60	P	H
		5673.6	55.81	-29.89	85.7	39.19	32.58	13.86	29.82	103	60	P	H
		5712.4	56.5	-52.17	108.67	39.71	32.67	13.96	29.84	103	60	P	H
		5721.6	57.31	-57.14	114.45	40.48	32.69	13.99	29.85	103	60	P	H
	*	5795	107.34	-	-	90.18	32.85	14.19	29.88	103	60	P	H
	*	5795	99.46	-	-	82.3	32.85	14.19	29.88	103	60	A	H
		5852.4	64.03	-52.7	116.73	46.94	32.98	14.02	29.91	103	60	P	H
		5856.2	60.98	-49.48	110.46	43.9	32.98	14.01	29.91	103	60	P	H
		5883.6	56.87	-41.94	98.81	39.83	33.04	13.92	29.92	103	60	P	H
		5944.8	55.61	-12.59	68.2	38.67	33.18	13.71	29.95	103	60	P	H
													H
													H
		5630.8	54.46	-13.74	68.2	38.03	32.49	13.74	29.8	101	260	P	V
		5675.6	55.94	-31.24	87.18	39.31	32.59	13.86	29.82	101	260	P	V
		5720	55.5	-55.3	110.8	38.69	32.68	13.98	29.85	101	260	P	V
		5720.2	55.61	-55.65	111.26	38.8	32.68	13.98	29.85	101	260	P	V
	*	5795	101.57	-	-	84.41	32.85	14.19	29.88	101	260	P	V
	*	5795	93.35	-	-	76.19	32.85	14.19	29.88	101	260	A	V
		5852.4	57.38	-59.35	116.73	40.29	32.98	14.02	29.91	101	260	P	V
		5857.4	57.5	-52.63	110.13	40.41	32.99	14.01	29.91	101	260	P	V
		5876.6	56.04	-47.97	104.01	38.99	33.03	13.94	29.92	101	260	P	V
		5944	55.92	-12.28	68.2	38.97	33.18	13.72	29.95	101	260	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5648.6	57.12	-11.08	68.2	40.61	32.53	13.79	29.81	100	59	P	H
		5697.2	69.37	-33.77	103.14	52.65	32.63	13.92	29.83	100	59	P	H
		5717	73.14	-36.82	109.96	56.32	32.68	13.98	29.84	100	59	P	H
		5720	72.93	-37.87	110.8	56.12	32.68	13.98	29.85	100	59	P	H
	*	5775	103.25	-	-	86.18	32.81	14.13	29.87	100	59	P	H
	*	5775	95.78	-	-	78.71	32.81	14.13	29.87	100	59	A	H
		5852.6	72.55	-43.72	116.27	55.46	32.98	14.02	29.91	100	59	P	H
		5857.6	71.05	-39.02	110.07	53.96	32.99	14.01	29.91	100	59	P	H
		5875.2	65.83	-39.22	105.05	48.77	33.03	13.95	29.92	100	59	P	H
		5933.4	56.6	-11.6	68.2	39.65	33.15	13.75	29.95	100	59	P	H
													H
													H
		5603.8	55.18	-13.02	68.2	38.87	32.43	13.67	29.79	100	259	P	V
		5697.2	63.21	-39.93	103.14	46.49	32.63	13.92	29.83	100	259	P	V
		5717.8	65.97	-44.21	110.18	49.15	32.68	13.98	29.84	100	259	P	V
		5720.4	66.88	-44.83	111.71	50.06	32.68	13.99	29.85	100	259	P	V
	*	5775	98.3	-	-	81.23	32.81	14.13	29.87	100	259	P	V
	*	5775	90.61	-	-	73.54	32.81	14.13	29.87	100	259	A	V
		5850.4	66.55	-54.74	121.29	49.46	32.97	14.03	29.91	100	259	P	V
		5855.8	65.86	-44.72	110.58	48.78	32.98	14.01	29.91	100	259	P	V
		5875.2	60.45	-44.6	105.05	43.39	33.03	13.95	29.92	100	259	P	V
		5942.2	55.67	-12.53	68.2	38.73	33.17	13.72	29.95	100	259	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		97.9	37.27	-6.23	43.5	53.01	15.58	1.05	32.37	100	0	P	H
		161.92	30.03	-13.47	43.5	44.47	16.36	1.56	32.36	-	-	P	H
		279.29	25.56	-20.44	46	36.73	18.83	2.41	32.41	-	-	P	H
		559.62	27.51	-18.49	46	30.24	26.27	3.64	32.64	-	-	P	H
		749.74	30.79	-15.21	46	30.56	28.15	4.53	32.45	-	-	P	H
		940.83	32.81	-13.19	46	29.13	30.49	4.62	31.43	-	-	P	H
													H
													H
													H
													H
													H
													H
		95.96	32.46	-11.04	43.5	48.46	15.33	1.04	32.37	100	0	P	V
		175.5	26.04	-17.46	43.5	41.52	15.26	1.61	32.35	-	-	P	V
		395.69	23.53	-22.47	46	31.21	21.63	3.19	32.5	-	-	P	V
		651.77	27.8	-18.2	46	30.03	26.29	4.08	32.6	-	-	P	V
		862.26	32.76	-13.24	46	30.99	29.12	4.66	32.01	-	-	P	V
		938.89	34.31	-11.69	46	30.72	30.42	4.62	31.45	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5648	54.4	-13.8	68.2	37.89	32.53	13.79	29.81	150	351	P	H
		5679.6	54.78	-35.36	90.14	38.14	32.6	13.87	29.83	150	351	P	H
		5719.8	59.37	-51.37	110.74	42.56	32.68	13.98	29.85	150	351	P	H
		5724.8	63.79	-57.95	121.74	46.95	32.69	14	29.85	150	351	P	H
	*	5745	109.65	-	-	92.72	32.74	14.05	29.86	150	351	P	H
	*	5745	102.12	-	-	85.19	32.74	14.05	29.86	150	351	A	H
													H
													H
		5621.6	54.99	-13.21	68.2	38.6	32.47	13.72	29.8	106	360	P	V
		5698	56.05	-47.68	103.73	39.33	32.64	13.92	29.84	106	360	P	V
		5718.8	57.48	-52.98	110.46	40.67	32.68	13.98	29.85	106	360	P	V
		5725	64.57	-57.63	122.2	47.73	32.69	14	29.85	106	360	P	V
	*	5745	110.68	-	-	93.75	32.74	14.05	29.86	106	360	P	V
	*	5745	102.43	-	-	85.5	32.74	14.05	29.86	106	360	A	V
													V
													V



WIFI Ant. 3+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 157 5785MHz		5628.2	55.27	-12.93	68.2	38.85	32.48	13.74	29.8	154	352	P	H
		5663.2	56.04	-21.96	78	39.47	32.56	13.83	29.82	154	352	P	H
		5715.2	55.13	-54.33	109.46	38.33	32.67	13.97	29.84	154	352	P	H
		5720.4	54.87	-56.84	111.71	38.05	32.68	13.99	29.85	154	352	P	H
	*	5785	109.78	-	-	92.67	32.83	14.16	29.88	154	352	P	H
	*	5785	101.97	-	-	84.86	32.83	14.16	29.88	154	352	A	H
		5851.8	54.57	-63.53	118.1	37.48	32.97	14.03	29.91	154	352	P	H
		5857.4	55.75	-54.38	110.13	38.66	32.99	14.01	29.91	154	352	P	H
		5922.8	55.51	-14.31	69.82	38.53	33.13	13.79	29.94	154	352	P	H
		5933	55.3	-12.9	68.2	38.35	33.15	13.75	29.95	154	352	P	H
													H
													H
		5644.4	54.65	-13.55	68.2	38.16	32.52	13.78	29.81	103	348	P	V
		5692	55.3	-44	99.3	38.6	32.62	13.91	29.83	103	348	P	V
		5709.6	54.86	-53.03	107.89	38.08	32.66	13.96	29.84	103	348	P	V
		5721.4	55.47	-58.52	113.99	38.64	32.69	13.99	29.85	103	348	P	V
	*	5785	110.27	-	-	93.16	32.83	14.16	29.88	103	348	P	V
	*	5785	102.69	-	-	85.58	32.83	14.16	29.88	103	348	A	V
		5854	55.06	-58.02	113.08	37.97	32.98	14.02	29.91	103	348	P	V
		5863.2	54.93	-53.57	108.5	37.85	33	13.99	29.91	103	348	P	V
		5880.8	55.69	-45.2	100.89	38.64	33.04	13.93	29.92	103	348	P	V
		5927.6	55.55	-12.65	68.2	38.59	33.14	13.77	29.95	103	348	P	V
													V
													V



WIFI Ant. 3+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 165 5825MHz	*	5825	109.13	-	-	91.99	32.92	14.12	29.9	153	352	P	H
	*	5825	101.16	-	-	84.02	32.92	14.12	29.9	153	352	A	H
		5852	56.2	-61.44	117.64	39.11	32.97	14.03	29.91	153	352	P	H
		5857.6	56.11	-53.96	110.07	39.02	32.99	14.01	29.91	153	352	P	H
		5907	56.12	-25.36	81.48	39.12	33.1	13.84	29.94	153	352	P	H
		5935.2	55.52	-12.68	68.2	38.56	33.16	13.75	29.95	153	352	P	H
													H
													H
	*	5825	110.02	-	-	92.88	32.92	14.12	29.9	102	348	P	V
	*	5825	102.27	-	-	85.13	32.92	14.12	29.9	102	348	A	V
		5853.6	58.62	-55.37	113.99	41.53	32.98	14.02	29.91	102	348	P	V
		5856.2	55.57	-54.89	110.46	38.49	32.98	14.01	29.91	102	348	P	V
		5904.4	56.32	-27.09	83.41	39.31	33.09	13.85	29.93	102	348	P	V
		5950	55.26	-12.94	68.2	38.33	33.19	13.7	29.96	102	348	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	47.07	-26.93	74	51.18	39.71	18.37	62.19	100	0	P	H
		17235	51.32	-16.88	68.2	44.01	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	47.8	-26.2	74	51.91	39.71	18.37	62.19	100	0	P	V
		17235	50.42	-17.78	68.2	43.11	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	47.53	-26.47	74	51.75	39.6	18.44	62.26	100	0	P	H
		17355	51.14	-17.06	68.2	42.78	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	47.14	-26.86	74	51.36	39.6	18.44	62.26	100	0	P	V
		17355	52.19	-16.01	68.2	43.83	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	49.48	-24.52	74	53.81	39.49	18.5	62.32	100	0	P	H
		17475	51.86	-16.34	68.2	42.46	44.37	23.59	58.56	100	0	P	H
													H
													H
		11650	48.21	-25.79	74	52.54	39.49	18.5	62.32	100	0	P	V
		17475	52.46	-15.74	68.2	43.06	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5642.4	55.51	-12.69	68.2	39.04	32.51	13.77	29.81	146	353	P	H
		5688.6	55.75	-41.04	96.79	39.07	32.61	13.9	29.83	146	353	P	H
		5719.6	58.98	-51.71	110.69	42.17	32.68	13.98	29.85	146	353	P	H
		5722.8	65.06	-52.12	117.18	48.23	32.69	13.99	29.85	146	353	P	H
	*	5745	109.38	-	-	92.45	32.74	14.05	29.86	146	353	P	H
	*	5745	101.75	-	-	84.82	32.74	14.05	29.86	146	353	A	H
													H
													H
		5628.6	55.39	-12.81	68.2	38.97	32.48	13.74	29.8	102	358	P	V
		5694.4	56.18	-44.89	101.07	39.47	32.63	13.91	29.83	102	358	P	V
		5719.6	58.84	-51.85	110.69	42.03	32.68	13.98	29.85	102	358	P	V
		5724.8	65.07	-56.67	121.74	48.23	32.69	14	29.85	102	358	P	V
	*	5745	110.06	-	-	93.13	32.74	14.05	29.86	102	358	P	V
	*	5745	102.14	-	-	85.21	32.74	14.05	29.86	102	358	A	V
													V
													V



WIFI Ant. 3+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 157 5785MHz		5610.4	55.87	-12.33	68.2	39.53	32.44	13.69	29.79	153	353	P	H
		5672.6	55.57	-29.39	84.96	38.95	32.58	13.86	29.82	153	353	P	H
		5707.4	55.62	-51.65	107.27	38.85	32.66	13.95	29.84	153	353	P	H
		5724.8	55.76	-65.98	121.74	38.92	32.69	14	29.85	153	353	P	H
	*	5785	108.64	-	-	91.53	32.83	14.16	29.88	153	353	P	H
	*	5785	100.91	-	-	83.8	32.83	14.16	29.88	153	353	A	H
		5852	55.34	-62.3	117.64	38.25	32.97	14.03	29.91	153	353	P	H
		5867.4	56.66	-50.67	107.33	39.6	33.01	13.97	29.92	153	353	P	H
		5916	56.58	-18.26	74.84	39.59	33.12	13.81	29.94	153	353	P	H
		5934.4	56.08	-12.12	68.2	39.12	33.16	13.75	29.95	153	353	P	H
													H
													H
		5600.6	55.32	-12.88	68.2	39.03	32.42	13.66	29.79	105	357	P	V
		5673.8	56.58	-29.27	85.85	39.96	32.58	13.86	29.82	105	357	P	V
		5709.6	56	-51.89	107.89	39.22	32.66	13.96	29.84	105	357	P	V
		5724	56.31	-63.61	119.92	39.48	32.69	13.99	29.85	105	357	P	V
	*	5785	110.4	-	-	93.29	32.83	14.16	29.88	105	357	P	V
	*	5785	102.7	-	-	85.59	32.83	14.16	29.88	105	357	A	V
		5853.6	56.14	-57.85	113.99	39.05	32.98	14.02	29.91	105	357	P	V
		5863	56.05	-52.51	108.56	38.97	33	13.99	29.91	105	357	P	V
		5902	56.69	-28.49	85.18	39.68	33.08	13.86	29.93	105	357	P	V
		5947	55.95	-12.25	68.2	39.01	33.18	13.71	29.95	105	357	P	V
													V
													V



WIFI Ant. 3+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 165 5825MHz	*	5825	107.28	-	-	90.14	32.92	14.12	29.9	105	53	P	H
	*	5825	99.49	-	-	82.35	32.92	14.12	29.9	105	53	A	H
		5850	60.74	-61.46	122.2	43.65	32.97	14.03	29.91	105	53	P	H
		5858	57.94	-52.02	109.96	40.85	32.99	14.01	29.91	105	53	P	H
		5905.6	56.42	-26.1	82.52	39.41	33.09	13.85	29.93	105	53	P	H
		5937.8	55.91	-12.29	68.2	38.96	33.16	13.74	29.95	105	53	P	H
													H
													H
	*	5825	110.99	-	-	93.85	32.92	14.12	29.9	102	352	P	V
	*	5825	103.02	-	-	85.88	32.92	14.12	29.9	102	352	A	V
		5854.8	57.94	-53.32	111.26	40.85	32.98	14.02	29.91	102	352	P	V
		5859.4	57.79	-51.78	109.57	40.71	32.99	14	29.91	102	352	P	V
		5902.2	56.77	-28.26	85.03	39.76	33.08	13.86	29.93	102	352	P	V
		5939	55.54	-12.66	68.2	38.59	33.17	13.73	29.95	102	352	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5639.6	55.72	-12.48	68.2	39.25	32.51	13.77	29.81	102	54	P	H
		5689.4	57.22	-40.16	97.38	40.53	32.62	13.9	29.83	102	54	P	H
		5719	65.13	-45.39	110.52	48.32	32.68	13.98	29.85	102	54	P	H
		5723	66.03	-51.61	117.64	49.2	32.69	13.99	29.85	102	54	P	H
	*	5755	105.28	-	-	88.3	32.76	14.08	29.86	102	54	P	H
	*	5755	97.55	-	-	80.57	32.76	14.08	29.86	102	54	A	H
		5851.2	55.55	-63.91	119.46	38.46	32.97	14.03	29.91	102	54	P	H
		5867.8	55.82	-51.39	107.21	38.76	33.01	13.97	29.92	102	54	P	H
		5889.4	56.32	-38.19	94.51	39.29	33.06	13.9	29.93	102	54	P	H
		5930.2	55.51	-12.69	68.2	38.55	33.15	13.76	29.95	102	54	P	H
													H
													H
		5647.6	55.31	-12.89	68.2	38.81	32.52	13.79	29.81	106	360	P	V
		5698.4	58.36	-45.66	104.02	41.63	32.64	13.93	29.84	106	360	P	V
		5719	68.25	-42.27	110.52	51.44	32.68	13.98	29.85	106	360	P	V
		5723.2	69.21	-48.89	118.1	52.38	32.69	13.99	29.85	106	360	P	V
	*	5755	107.74	-	-	90.76	32.76	14.08	29.86	106	360	P	V
	*	5755	99.88	-	-	82.9	32.76	14.08	29.86	106	360	A	V
		5853.2	55.96	-58.94	114.9	38.87	32.98	14.02	29.91	106	360	P	V
		5864.6	57.14	-50.97	108.11	40.08	33	13.98	29.92	106	360	P	V
		5889.8	55.75	-38.47	94.22	38.72	33.06	13.9	29.93	106	360	P	V
		5948.4	55.61	-12.59	68.2	38.68	33.19	13.7	29.96	106	360	P	V
													V
													V



WIFI Ant. 3+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 159 5795MHz		5601.2	54.26	-13.94	68.2	37.97	32.42	13.66	29.79	100	355	P	H
		5662	55.48	-21.63	77.11	38.91	32.56	13.83	29.82	100	355	P	H
		5708.2	56.17	-51.33	107.5	39.4	32.66	13.95	29.84	100	355	P	H
		5723.6	55.81	-63.2	119.01	38.98	32.69	13.99	29.85	100	355	P	H
	*	5795	106.73	-	-	89.57	32.85	14.19	29.88	100	355	P	H
	*	5795	98.93	-	-	81.77	32.85	14.19	29.88	100	355	A	H
		5851.2	56.67	-62.79	119.46	39.58	32.97	14.03	29.91	100	355	P	H
		5859.4	56.18	-53.39	109.57	39.1	32.99	14	29.91	100	355	P	H
		5885.6	56.19	-41.14	97.33	39.16	33.05	13.91	29.93	100	355	P	H
		5939.4	55.47	-12.73	68.2	38.52	33.17	13.73	29.95	100	355	P	H
													H
													H
		5624.2	54.77	-13.43	68.2	38.37	32.47	13.73	29.8	100	359	P	V
		5693.8	56.35	-44.28	100.63	39.64	32.63	13.91	29.83	100	359	P	V
		5708.2	55.7	-51.8	107.5	38.93	32.66	13.95	29.84	100	359	P	V
		5721.2	55.59	-57.95	113.54	38.76	32.69	13.99	29.85	100	359	P	V
	*	5795	107.62	-	-	90.46	32.85	14.19	29.88	100	359	P	V
	*	5795	99.89	-	-	82.73	32.85	14.19	29.88	100	359	A	V
		5852.2	57.61	-59.57	117.18	40.52	32.97	14.03	29.91	100	359	P	V
		5855.8	56.81	-53.77	110.58	39.73	32.98	14.01	29.91	100	359	P	V
		5883	55.88	-43.38	99.26	38.84	33.04	13.92	29.92	100	359	P	V
		5938.6	55.37	-12.83	68.2	38.42	33.16	13.74	29.95	100	359	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5621.4	54.84	-13.36	68.2	38.45	32.47	13.72	29.8	117	360	P	H
		5691.8	62.35	-36.8	99.15	45.65	32.62	13.91	29.83	117	360	P	H
		5718.6	66.81	-43.6	110.41	49.99	32.68	13.98	29.84	117	360	P	H
		5723.2	67.81	-50.29	118.1	50.98	32.69	13.99	29.85	117	360	P	H
	*	5775	103.44	-	-	86.37	32.81	14.13	29.87	117	360	P	H
	*	5775	95.95	-	-	78.88	32.81	14.13	29.87	117	360	A	H
		5853	58.16	-57.2	115.36	41.07	32.98	14.02	29.91	117	360	P	H
		5856.4	58.38	-52.03	110.41	41.3	32.98	14.01	29.91	117	360	P	H
		5883.2	56.48	-42.63	99.11	39.44	33.04	13.92	29.92	117	360	P	H
		5927	54.79	-13.41	68.2	37.82	33.14	13.77	29.94	117	360	P	H
													H
													H
		5618.6	55.9	-12.3	68.2	39.53	32.46	13.71	29.8	114	359	P	V
		5698	62.84	-40.89	103.73	46.12	32.64	13.92	29.84	114	359	P	V
		5719.8	66.37	-44.37	110.74	49.56	32.68	13.98	29.85	114	359	P	V
		5722.8	66.26	-50.92	117.18	49.43	32.69	13.99	29.85	114	359	P	V
	*	5775	103.94	-	-	86.87	32.81	14.13	29.87	114	359	P	V
	*	5775	95.88	-	-	78.81	32.81	14.13	29.87	114	359	A	V
		5852.4	58.03	-58.7	116.73	40.94	32.98	14.02	29.91	114	359	P	V
		5855.8	59.12	-51.46	110.58	42.04	32.98	14.01	29.91	114	359	P	V
		5876.4	56.72	-47.44	104.16	39.67	33.03	13.94	29.92	114	359	P	V
		5931.2	55.2	-13	68.2	38.24	33.15	13.76	29.95	114	359	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz 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.	
3+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11a LF		97.9	34.41	-9.09	43.5	50.15	15.58	1.05	32.37	100	0	P	H
		160.95	26.5	-17	43.5	40.83	16.48	1.55	32.36	-	-	P	H
		649.83	28.28	-17.72	46	30.53	26.28	4.08	32.61	-	-	P	H
		769.14	29.98	-16.02	46	29.71	28.22	4.46	32.41	-	-	P	H
		901.06	33.69	-12.31	46	31.75	29.07	4.65	31.78	-	-	P	H
		976.72	34.99	-19.01	54	30.08	30.88	5.14	31.11	-	-	P	H
													H
													H
													H
													H
													H
													H
		98.87	29.9	-13.6	43.5	45.52	15.7	1.05	32.37	-	-	P	V
		162.89	25.46	-18.04	43.5	40.02	16.24	1.56	32.36	-	-	P	V
		358.83	21.76	-24.24	46	30.65	20.69	2.89	32.47	-	-	P	V
		559.62	27.45	-18.55	46	30.18	26.27	3.64	32.64	-	-	P	V
		764.29	30.57	-15.43	46	30.29	28.22	4.48	32.42	-	-	P	V
		940.83	33.12	-12.88	46	29.44	30.49	4.62	31.43	100	0	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Gaming Mode>

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		5643.2	54.79	-13.41	68.2	38.3	32.52	13.78	29.81	100	57	P	H
		5697.8	56.34	-47.24	103.58	39.61	32.64	13.92	29.83	100	57	P	H
		5714.6	57.07	-52.22	109.29	40.27	32.67	13.97	29.84	100	57	P	H
		5725	61.09	-61.11	122.2	44.25	32.69	14	29.85	100	57	P	H
	*	5745	108.39	-	-	91.46	32.74	14.05	29.86	100	57	P	H
	*	5745	100.65	-	-	83.72	32.74	14.05	29.86	100	57	A	H
													H
													H
		5602.4	54.55	-13.65	68.2	38.24	32.43	13.67	29.79	400	34	P	V
		5695	54.67	-46.84	101.51	37.95	32.63	13.92	29.83	400	34	P	V
		5712.8	54.97	-53.82	108.79	38.18	32.67	13.96	29.84	400	34	P	V
		5723.6	56.24	-62.77	119.01	39.41	32.69	13.99	29.85	400	34	P	V
	*	5745	102.98	-	-	86.05	32.74	14.05	29.86	400	34	P	V
	*	5745	95.45	-	-	78.52	32.74	14.05	29.86	400	34	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		5636.2	54.74	-13.46	68.2	38.29	32.5	13.76	29.81	100	58	P	H
		5655.4	54.48	-17.73	72.21	37.94	32.54	13.81	29.81	100	58	P	H
		5706.2	53.91	-53.03	106.94	37.15	32.65	13.95	29.84	100	58	P	H
		5720.8	53.5	-59.12	112.62	36.67	32.69	13.99	29.85	100	58	P	H
	*	5785	108.68	-	-	91.57	32.83	14.16	29.88	100	58	P	H
	*	5785	100.78	-	-	83.67	32.83	14.16	29.88	100	58	A	H
		5850.2	53.54	-68.2	121.74	36.45	32.97	14.03	29.91	100	58	P	H
		5866.2	54.62	-53.04	107.66	37.55	33.01	13.98	29.92	100	58	P	H
		5905.4	55.87	-26.8	82.67	38.86	33.09	13.85	29.93	100	58	P	H
		5948.8	55.1	-13.1	68.2	38.17	33.19	13.7	29.96	100	58	P	H
													H
													H
		5626.4	54.06	-14.14	68.2	37.65	32.48	13.73	29.8	394	34	P	V
		5670.2	54.44	-28.75	83.19	37.84	32.57	13.85	29.82	394	34	P	V
		5711.2	55.04	-53.3	108.34	38.26	32.66	13.96	29.84	394	34	P	V
		5723.8	53.12	-66.34	119.46	36.29	32.69	13.99	29.85	394	34	P	V
	*	5785	102.85	-	-	85.74	32.83	14.16	29.88	394	34	P	V
	*	5785	95.35	-	-	78.24	32.83	14.16	29.88	394	34	A	V
		5853	53.59	-61.77	115.36	36.5	32.98	14.02	29.91	394	34	P	V
		5872.4	55.78	-50.15	105.93	38.72	33.02	13.96	29.92	394	34	P	V
		5889.2	54.99	-39.67	94.66	37.96	33.06	13.9	29.93	394	34	P	V
		5939.6	54.81	-13.39	68.2	37.86	33.17	13.73	29.95	394	34	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	108.89	-	-	91.75	32.92	14.12	29.9	100	60	P	H
	*	5825	101.04	-	-	83.9	32.92	14.12	29.9	100	60	A	H
		5853.2	58.17	-56.73	114.9	41.08	32.98	14.02	29.91	100	60	P	H
		5855	57.56	-53.24	110.8	40.47	32.98	14.02	29.91	100	60	P	H
		5918.4	56	-17.07	73.07	39.02	33.12	13.8	29.94	100	60	P	H
		5944	54.85	-13.35	68.2	37.9	33.18	13.72	29.95	100	60	P	H
													H
													H
	*	5825	102.98	-	-	85.84	32.92	14.12	29.9	390	33	P	V
	*	5825	95.27	-	-	78.13	32.92	14.12	29.9	390	33	A	V
		5851.8	55.78	-62.32	118.1	38.69	32.97	14.03	29.91	390	33	P	V
		5865.8	55.63	-52.14	107.77	38.57	33	13.98	29.92	390	33	P	V
		5883.6	55.09	-43.72	98.81	38.05	33.04	13.92	29.92	390	33	P	V
		5944.4	54.82	-13.38	68.2	37.87	33.18	13.72	29.95	390	33	P	V
													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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	46.03	-27.97	74	50.14	39.71	18.37	62.19	100	0	P	H
		17235	50.48	-17.72	68.2	43.17	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	46.15	-27.85	74	50.26	39.71	18.37	62.19	100	0	P	V
		17235	49.67	-18.53	68.2	42.36	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	45.04	-28.96	74	49.26	39.6	18.44	62.26	100	0	P	H
		17355	50.86	-17.34	68.2	42.5	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	45.51	-28.49	74	49.73	39.6	18.44	62.26	100	0	P	V
		17355	50.16	-18.04	68.2	41.8	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	45.88	-28.12	74	50.21	39.49	18.5	62.32	100	0	P	H
		17475	52.17	-16.03	68.2	42.77	44.37	23.59	58.56	100	0	P	H
													H
													H
		11650	45.52	-28.48	74	49.85	39.49	18.5	62.32	100	0	P	V
		17475	51.27	-16.93	68.2	41.87	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5644.2	54.3	-13.9	68.2	37.81	32.52	13.78	29.81	100	62	P	H
		5695.6	56.16	-45.8	101.96	39.44	32.63	13.92	29.83	100	62	P	H
		5718	58.21	-52.03	110.24	41.39	32.68	13.98	29.84	100	62	P	H
		5723.2	61.01	-57.09	118.1	44.18	32.69	13.99	29.85	100	62	P	H
	*	5745	109.12	-	-	92.19	32.74	14.05	29.86	100	62	P	H
	*	5745	101.33	-	-	84.4	32.74	14.05	29.86	100	62	A	H
													H
													H
		5604.6	54.75	-13.45	68.2	38.44	32.43	13.67	29.79	399	34	P	V
		5673.4	55.41	-30.15	85.56	38.79	32.58	13.86	29.82	399	34	P	V
		5713.4	55.55	-53.4	108.95	38.75	32.67	13.97	29.84	399	34	P	V
		5724.6	57.06	-64.23	121.29	40.22	32.69	14	29.85	399	34	P	V
	*	5745	103.08	-	-	86.15	32.74	14.05	29.86	399	34	P	V
	*	5745	95.31	-	-	78.38	32.74	14.05	29.86	399	34	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		5649.2	54.5	-13.7	68.2	37.99	32.53	13.79	29.81	100	57	P	H
		5698.8	56.1	-48.22	104.32	39.37	32.64	13.93	29.84	100	57	P	H
		5713	54.26	-54.58	108.84	37.46	32.67	13.97	29.84	100	57	P	H
		5722.4	53.69	-62.58	116.27	36.86	32.69	13.99	29.85	100	57	P	H
	*	5785	108.12	-	-	91.01	32.83	14.16	29.88	100	57	P	H
	*	5785	100.53	-	-	83.42	32.83	14.16	29.88	100	57	A	H
		5854.8	53.77	-57.49	111.26	36.68	32.98	14.02	29.91	100	57	P	H
		5873.8	54.84	-50.7	105.54	37.79	33.02	13.95	29.92	100	57	P	H
		5878.6	55.36	-47.17	102.53	38.31	33.03	13.94	29.92	100	57	P	H
		5930	54.43	-13.77	68.2	37.47	33.15	13.76	29.95	100	57	P	H
													H
													H
		5648.6	54.52	-13.68	68.2	38.01	32.53	13.79	29.81	398	34	P	V
		5666.4	54.91	-25.46	80.37	38.32	32.57	13.84	29.82	398	34	P	V
		5702.8	54.52	-51.47	105.99	37.77	32.65	13.94	29.84	398	34	P	V
		5724.2	53.53	-66.85	120.38	36.69	32.69	14	29.85	398	34	P	V
	*	5785	102.81	-	-	85.7	32.83	14.16	29.88	398	34	P	V
	*	5785	95.07	-	-	77.96	32.83	14.16	29.88	398	34	A	V
		5855	54.53	-56.27	110.8	37.44	32.98	14.02	29.91	398	34	P	V
		5892.4	54.72	-37.57	92.29	37.7	33.06	13.89	29.93	398	34	P	V
		5912.6	54.86	-22.49	77.35	37.87	33.11	13.82	29.94	398	34	P	V
		5949.2	54.32	-13.88	68.2	37.39	33.19	13.7	29.96	398	34	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	108.19	-	-	91.05	32.92	14.12	29.9	100	61	P	H
	*	5825	100.41	-	-	83.27	32.92	14.12	29.9	100	61	A	H
		5850	58.76	-63.44	122.2	41.67	32.97	14.03	29.91	100	61	P	H
		5857.6	57.19	-52.88	110.07	40.1	32.99	14.01	29.91	100	61	P	H
		5880	54.72	-46.77	101.49	37.67	33.04	13.93	29.92	100	61	P	H
		5931.8	54.45	-13.75	68.2	37.49	33.15	13.76	29.95	100	61	P	H
													H
													H
	*	5825	102.63	-	-	85.49	32.92	14.12	29.9	391	34	P	V
	*	5825	94.97	-	-	77.83	32.92	14.12	29.9	391	34	A	V
		5850.6	55.4	-65.43	120.83	38.31	32.97	14.03	29.91	391	34	P	V
		5855	55.09	-55.71	110.8	38	32.98	14.02	29.91	391	34	P	V
		5917.2	54.84	-19.11	73.95	37.85	33.12	13.81	29.94	391	34	P	V
		5936.6	55.12	-13.08	68.2	38.17	33.16	13.74	29.95	391	34	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5639.8	54.18	-14.02	68.2	37.71	32.51	13.77	29.81	100	61	P	H
		5699.8	57.25	-47.8	105.05	40.52	32.64	13.93	29.84	100	61	P	H
		5717.4	61.27	-48.8	110.07	44.45	32.68	13.98	29.84	100	61	P	H
		5723.2	63.46	-54.64	118.1	46.63	32.69	13.99	29.85	100	61	P	H
	*	5755	104.93	-	-	87.95	32.76	14.08	29.86	100	61	P	H
	*	5755	97.19	-	-	80.21	32.76	14.08	29.86	100	61	A	H
		5852.6	54.62	-61.65	116.27	37.53	32.98	14.02	29.91	100	61	P	H
		5866	54.3	-53.42	107.72	37.23	33.01	13.98	29.92	100	61	P	H
		5879.2	55.43	-46.65	102.08	38.39	33.03	13.93	29.92	100	61	P	H
		5942.2	55.75	-12.45	68.2	38.81	33.17	13.72	29.95	100	61	P	H
													H
													H
		5612.2	54.03	-14.17	68.2	37.68	32.45	13.69	29.79	400	36	P	V
		5687.4	55.44	-40.47	95.91	38.76	32.61	13.9	29.83	400	36	P	V
		5716.2	57.95	-51.79	109.74	41.14	32.68	13.97	29.84	400	36	P	V
		5722.6	59.35	-57.38	116.73	42.52	32.69	13.99	29.85	400	36	P	V
	*	5755	100.11	-	-	83.13	32.76	14.08	29.86	400	36	P	V
	*	5755	92.17	-	-	75.19	32.76	14.08	29.86	400	36	A	V
		5853.4	55.7	-58.75	114.45	38.61	32.98	14.02	29.91	400	36	P	V
		5866	54.69	-53.03	107.72	37.62	33.01	13.98	29.92	400	36	P	V
		5916.6	54.73	-19.66	74.39	37.74	33.12	13.81	29.94	400	36	P	V
		5925.4	55.39	-12.81	68.2	38.41	33.14	13.78	29.94	400	36	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		5617	54.05	-14.15	68.2	37.68	32.46	13.71	29.8	100	62	P	H
		5696	54.89	-47.36	102.25	38.17	32.63	13.92	29.83	100	62	P	H
		5717.4	55.91	-54.16	110.07	39.09	32.68	13.98	29.84	100	62	P	H
		5723.4	56.09	-62.46	118.55	39.26	32.69	13.99	29.85	100	62	P	H
	*	5795	105.68	-	-	88.52	32.85	14.19	29.88	100	62	P	H
	*	5795	97.8	-	-	80.64	32.85	14.19	29.88	100	62	A	H
		5852	58.4	-59.24	117.64	41.31	32.97	14.03	29.91	100	62	P	H
		5856.6	58.48	-51.87	110.35	41.4	32.98	14.01	29.91	100	62	P	H
		5881.4	55.32	-45.13	100.45	38.27	33.04	13.93	29.92	100	62	P	H
		5941.4	54.72	-13.48	68.2	37.77	33.17	13.73	29.95	100	62	P	H
													H
													H
		5624.4	55.56	-12.64	68.2	39.16	32.47	13.73	29.8	396	34	P	V
		5677.8	54.37	-34.44	88.81	37.74	32.59	13.87	29.83	396	34	P	V
		5710	53.71	-54.29	108	36.93	32.66	13.96	29.84	396	34	P	V
		5722.4	53.69	-62.58	116.27	36.86	32.69	13.99	29.85	396	34	P	V
	*	5795	99.68	-	-	82.52	32.85	14.19	29.88	396	34	P	V
	*	5795	92.07	-	-	74.91	32.85	14.19	29.88	396	34	A	V
		5854.4	55.49	-56.68	112.17	38.4	32.98	14.02	29.91	396	34	P	V
		5869	54.68	-52.2	106.88	37.62	33.01	13.97	29.92	396	34	P	V
		5875.8	54.66	-49.95	104.61	37.6	33.03	13.95	29.92	396	34	P	V
		5947.6	55.29	-12.91	68.2	38.35	33.18	13.71	29.95	396	34	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5643.2	55.15	-13.05	68.2	38.66	32.52	13.78	29.81	100	62	P	H
		5698.2	63.47	-40.4	103.87	46.74	32.64	13.93	29.84	100	62	P	H
		5712.8	65.17	-43.62	108.79	48.38	32.67	13.96	29.84	100	62	P	H
		5723.8	65.26	-54.2	119.46	48.43	32.69	13.99	29.85	100	62	P	H
	*	5775	102.26	-	-	85.19	32.81	14.13	29.87	100	62	P	H
	*	5775	94.39	-	-	77.32	32.81	14.13	29.87	100	62	A	H
		5853	65.89	-49.47	115.36	48.8	32.98	14.02	29.91	100	62	P	H
		5855.8	64.19	-46.39	110.58	47.11	32.98	14.01	29.91	100	62	P	H
		5877.2	58.79	-44.78	103.57	41.74	33.03	13.94	29.92	100	62	P	H
		5931.6	56.57	-11.63	68.2	39.61	33.15	13.76	29.95	100	62	P	H
													H
													H
		5644.2	53.89	-14.31	68.2	37.4	32.52	13.78	29.81	400	34	P	V
		5696.8	61.28	-41.56	102.84	44.56	32.63	13.92	29.83	400	34	P	V
		5717.2	62.69	-47.33	110.02	45.87	32.68	13.98	29.84	400	34	P	V
		5720.4	62	-49.71	111.71	45.18	32.68	13.99	29.85	400	34	P	V
	*	5775	97.05	-	-	79.98	32.81	14.13	29.87	400	34	P	V
	*	5775	89.33	-	-	72.26	32.81	14.13	29.87	400	34	A	V
		5852.4	58.8	-57.93	116.73	41.71	32.98	14.02	29.91	400	34	P	V
		5857.8	58.83	-51.18	110.01	41.74	32.99	14.01	29.91	400	34	P	V
		5876.6	55.8	-48.21	104.01	38.75	33.03	13.94	29.92	400	34	P	V
		5927	54.52	-13.68	68.2	37.55	33.14	13.77	29.94	400	34	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		98.87	34.92	-8.58	43.5	50.54	15.7	1.05	32.37	100	0	P	H
		162.89	27.42	-16.08	43.5	41.98	16.24	1.56	32.36	-	-	P	H
		377.26	25	-21	46	33.39	21.05	3.04	32.48	-	-	P	H
		676.02	28.3	-17.7	46	30.34	26.45	4.08	32.57	-	-	P	H
		861.29	32.71	-13.29	46	30.93	29.13	4.66	32.01	-	-	P	H
		967.02	34.19	-19.81	54	29.49	30.95	4.95	31.2	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		97.9	30.76	-12.74	43.5	46.5	15.58	1.05	32.37	100	0	P	V
		163.86	25.54	-17.96	43.5	40.22	16.11	1.57	32.36	-	-	P	V
		364.65	25.7	-20.3	46	34.42	20.82	2.94	32.48	-	-	P	V
		678.93	28.02	-17.98	46	30.03	26.47	4.08	32.56	-	-	P	V
		851.59	32.67	-13.33	46	31.02	29.06	4.66	32.07	-	-	P	V
		988.36	34.1	-19.9	54	29.03	30.71	5.37	31.01	-	-	P	V
													V
												V	
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5608.8	55.43	-12.77	68.2	39.1	32.44	13.68	29.79	263	66	P	H
		5691.4	55.44	-43.42	98.86	38.74	32.62	13.91	29.83	263	66	P	H
		5720	58.65	-52.15	110.8	41.84	32.68	13.98	29.85	263	66	P	H
		5724.2	61.83	-58.55	120.38	44.99	32.69	14	29.85	263	66	P	H
	*	5745	112.54	-	-	95.61	32.74	14.05	29.86	263	66	P	H
	*	5745	105	-	-	88.07	32.74	14.05	29.86	263	66	A	H
													H
													H
		5635.8	54.91	-13.29	68.2	38.46	32.5	13.76	29.81	100	85	P	V
		5686.8	55.24	-40.22	95.46	38.57	32.61	13.89	29.83	100	85	P	V
		5705	56.28	-50.32	106.6	39.53	32.65	13.94	29.84	100	85	P	V
		5723.6	58.72	-60.29	119.01	41.89	32.69	13.99	29.85	100	85	P	V
	*	5745	109.95	-	-	93.02	32.74	14.05	29.86	100	85	P	V
	*	5745	102.06	-	-	85.13	32.74	14.05	29.86	100	85	A	V
													V
													V



WIFI Ant. 0+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		5632.4	54.39	-13.81	68.2	37.95	32.49	13.75	29.8	259	67	P	H
		5698.8	55.13	-49.19	104.32	38.4	32.64	13.93	29.84	259	67	P	H
		5703.4	55.46	-50.69	106.15	38.71	32.65	13.94	29.84	259	67	P	H
		5723.4	54.59	-63.96	118.55	37.76	32.69	13.99	29.85	259	67	P	H
	*	5785	112.54	-	-	95.43	32.83	14.16	29.88	259	67	P	H
	*	5785	104.95	-	-	87.84	32.83	14.16	29.88	259	67	A	H
		5852.2	55.21	-61.97	117.18	38.12	32.97	14.03	29.91	259	67	P	H
		5872.8	55	-50.82	105.82	37.94	33.02	13.96	29.92	259	67	P	H
		5890.8	55.29	-38.18	93.47	38.26	33.06	13.9	29.93	259	67	P	H
		5944.6	55.35	-12.85	68.2	38.4	33.18	13.72	29.95	259	67	P	H
													H
													H
		5628.8	54.28	-13.92	68.2	37.86	32.48	13.74	29.8	100	106	P	V
		5658.4	55.7	-18.74	74.44	39.15	32.55	13.82	29.82	100	106	P	V
		5713	54.48	-54.36	108.84	37.68	32.67	13.97	29.84	100	106	P	V
		5725	54.15	-68.05	122.2	37.31	32.69	14	29.85	100	106	P	V
	*	5785	109.34	-	-	92.23	32.83	14.16	29.88	100	106	P	V
	*	5785	101.46	-	-	84.35	32.83	14.16	29.88	100	106	A	V
		5851.6	55.99	-62.56	118.55	38.9	32.97	14.03	29.91	100	106	P	V
		5864	55	-53.28	108.28	37.92	33	13.99	29.91	100	106	P	V
		5895.4	55.44	-34.63	90.07	38.42	33.07	13.88	29.93	100	106	P	V
		5932.2	55.1	-13.1	68.2	38.14	33.15	13.76	29.95	100	106	P	V
													V
													V



WIFI Ant. 0+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	111.31	-	-	94.17	32.92	14.12	29.9	268	66	P	H
	*	5825	103.74	-	-	86.6	32.92	14.12	29.9	268	66	A	H
		5851	56.59	-63.33	119.92	39.5	32.97	14.03	29.91	268	66	P	H
		5855.4	56.39	-54.3	110.69	39.31	32.98	14.01	29.91	268	66	P	H
		5893.8	56.3	-34.95	91.25	39.27	33.07	13.89	29.93	268	66	P	H
		5933	54.5	-13.7	68.2	37.55	33.15	13.75	29.95	268	66	P	H
													H
													H
	*	5825	108.48	-	-	91.34	32.92	14.12	29.9	100	104	P	V
	*	5825	101.02	-	-	83.88	32.92	14.12	29.9	100	104	A	V
		5851.4	56.16	-62.85	119.01	39.07	32.97	14.03	29.91	100	104	P	V
		5865.6	56.87	-50.96	107.83	39.81	33	13.98	29.92	100	104	P	V
		5879.6	56.84	-44.94	101.78	39.79	33.04	13.93	29.92	100	104	P	V
		5928.6	55.21	-12.99	68.2	38.25	33.14	13.77	29.95	100	104	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		11490	49.74	-24.26	74	53.85	39.71	18.37	62.19	100	0	P	H
		17235	50.47	-17.73	68.2	43.16	43.12	23.27	59.08	100	0	P	H
													H
													H
		11490	48.26	-25.74	74	52.37	39.71	18.37	62.19	100	0	P	V
		17235	50.99	-17.21	68.2	43.68	43.12	23.27	59.08	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	49.75	-24.25	74	53.97	39.6	18.44	62.26	100	0	P	H
		17355	50.19	-18.01	68.2	41.83	43.75	23.43	58.82	100	0	P	H
													H
													H
		11570	47.81	-26.19	74	52.03	39.6	18.44	62.26	100	0	P	V
		17355	49.23	-18.97	68.2	40.87	43.75	23.43	58.82	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	49.82	-24.18	74	54.15	39.49	18.5	62.32	100	0	P	H
		17475	50.03	-18.17	68.2	40.63	44.37	23.59	58.56	100	0	P	H
													H
													H
		11650	48.58	-25.42	74	52.91	39.49	18.5	62.32	100	0	P	V
		17475	51.09	-17.11	68.2	41.69	44.37	23.59	58.56	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 149 5745MHz		5628.6	55.36	-12.84	68.2	38.94	32.48	13.74	29.8	259	67	P	H
		5683.2	56.02	-36.78	92.8	39.37	32.6	13.88	29.83	259	67	P	H
		5718.8	57.45	-53.01	110.46	40.64	32.68	13.98	29.85	259	67	P	H
		5724.4	61.88	-58.95	120.83	45.04	32.69	14	29.85	259	67	P	H
	*	5745	112.58	-	-	95.65	32.74	14.05	29.86	259	67	P	H
	*	5745	104.22	-	-	87.29	32.74	14.05	29.86	259	67	A	H
													H
													H
		5623.8	54.3	-13.9	68.2	37.91	32.47	13.72	29.8	100	90	P	V
		5679.6	55.59	-34.55	90.14	38.95	32.6	13.87	29.83	100	90	P	V
		5716.2	56.48	-53.26	109.74	39.67	32.68	13.97	29.84	100	90	P	V
		5725	59.14	-63.06	122.2	42.3	32.69	14	29.85	100	90	P	V
	*	5745	109.72	-	-	92.79	32.74	14.05	29.86	100	90	P	V
	*	5745	101.24	-	-	84.31	32.74	14.05	29.86	100	90	A	V
													V
													V



WIFI Ant. 0+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		5618.8	54.98	-13.22	68.2	38.61	32.46	13.71	29.8	258	66	P	H
		5688.2	55.05	-41.45	96.5	38.37	32.61	13.9	29.83	258	66	P	H
		5701.8	55.33	-50.37	105.7	38.6	32.64	13.93	29.84	258	66	P	H
		5725	55.88	-66.32	122.2	39.04	32.69	14	29.85	258	66	P	H
	*	5785	112.9	-	-	95.79	32.83	14.16	29.88	258	66	P	H
	*	5785	104.45	-	-	87.34	32.83	14.16	29.88	258	66	A	H
		5854.2	55.16	-57.46	112.62	38.07	32.98	14.02	29.91	258	66	P	H
		5855.8	55.18	-55.4	110.58	38.1	32.98	14.01	29.91	258	66	P	H
		5883.4	55.13	-43.83	98.96	38.09	33.04	13.92	29.92	258	66	P	H
		5930.8	54.91	-13.29	68.2	37.95	33.15	13.76	29.95	258	66	P	H
													H
													H
		5608.2	55.65	-12.55	68.2	39.32	32.44	13.68	29.79	100	91	P	V
		5655.6	55.08	-17.28	72.36	38.54	32.54	13.81	29.81	100	91	P	V
		5713.4	54.73	-54.22	108.95	37.93	32.67	13.97	29.84	100	91	P	V
		5721.6	54.42	-60.03	114.45	37.59	32.69	13.99	29.85	100	91	P	V
	*	5785	109.32	-	-	92.21	32.83	14.16	29.88	100	91	P	V
	*	5785	101.58	-	-	84.47	32.83	14.16	29.88	100	91	A	V
		5851.2	54.66	-64.8	119.46	37.57	32.97	14.03	29.91	100	91	P	V
		5870.8	55.33	-51.04	106.37	38.27	33.02	13.96	29.92	100	91	P	V
		5879.8	55.27	-46.36	101.63	38.22	33.04	13.93	29.92	100	91	P	V
		5942.2	55.47	-12.73	68.2	38.53	33.17	13.72	29.95	100	91	P	V
													V
													V



WIFI Ant. 0+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	111.69	-	-	94.55	32.92	14.12	29.9	255	66	P	H
	*	5825	104.06	-	-	86.92	32.92	14.12	29.9	255	66	A	H
		5850.4	59.33	-61.96	121.29	42.24	32.97	14.03	29.91	255	66	P	H
		5855.6	57.85	-52.78	110.63	40.77	32.98	14.01	29.91	255	66	P	H
		5880.6	56.25	-44.79	101.04	39.2	33.04	13.93	29.92	255	66	P	H
		5937.6	55.39	-12.81	68.2	38.44	33.16	13.74	29.95	255	66	P	H
													H
													H
	*	5825	109.52	-	-	92.38	32.92	14.12	29.9	100	85	P	V
	*	5825	101.48	-	-	84.34	32.92	14.12	29.9	100	85	A	V
		5850.4	57.82	-63.47	121.29	40.73	32.97	14.03	29.91	100	85	P	V
		5860.8	57.68	-51.49	109.17	40.6	32.99	14	29.91	100	85	P	V
		5879.8	55.76	-45.87	101.63	38.71	33.04	13.93	29.92	100	85	P	V
		5931.8	56.85	-11.35	68.2	39.89	33.15	13.76	29.95	100	85	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 151 5755MHz		5649.2	54.95	-13.25	68.2	38.44	32.53	13.79	29.81	261	65	P	H
		5699	62.65	-41.81	104.46	45.92	32.64	13.93	29.84	261	65	P	H
		5719.8	66.1	-44.64	110.74	49.29	32.68	13.98	29.85	261	65	P	H
		5723.8	67.2	-52.26	119.46	50.37	32.69	13.99	29.85	261	65	P	H
	*	5755	109.52	-	-	92.54	32.76	14.08	29.86	261	65	P	H
	*	5755	101.78	-	-	84.8	32.76	14.08	29.86	261	65	A	H
		5850.8	54.53	-65.85	120.38	37.44	32.97	14.03	29.91	261	65	P	H
		5866.2	55.1	-52.56	107.66	38.03	33.01	13.98	29.92	261	65	P	H
		5887.2	55.24	-40.9	96.14	38.21	33.05	13.91	29.93	261	65	P	H
		5941.2	56.09	-12.11	68.2	39.14	33.17	13.73	29.95	261	65	P	H
													H
													H
		5634.4	55.59	-12.61	68.2	39.14	32.5	13.75	29.8	100	90	P	V
		5698.8	60.4	-43.92	104.32	43.67	32.64	13.93	29.84	100	90	P	V
		5717	64.49	-45.47	109.96	47.67	32.68	13.98	29.84	100	90	P	V
		5725	64.48	-57.72	122.2	47.64	32.69	14	29.85	100	90	P	V
	*	5755	106.67	-	-	89.69	32.76	14.08	29.86	100	90	P	V
	*	5755	98.74	-	-	81.76	32.76	14.08	29.86	100	90	A	V
		5852.2	54.22	-62.96	117.18	37.13	32.97	14.03	29.91	100	90	P	V
		5869.2	54.53	-52.29	106.82	37.47	33.01	13.97	29.92	100	90	P	V
		5910.6	55.18	-23.64	78.82	38.19	33.1	13.83	29.94	100	90	P	V
		5942.8	55.68	-12.52	68.2	38.74	33.17	13.72	29.95	100	90	P	V
													V
													V



WIFI Ant. 0+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		5619	54.49	-13.71	68.2	38.12	32.46	13.71	29.8	259	65	P	H
		5661.6	55.01	-21.8	76.81	38.44	32.56	13.83	29.82	259	65	P	H
		5719.6	56.94	-53.75	110.69	40.13	32.68	13.98	29.85	259	65	P	H
		5722.4	58.25	-58.02	116.27	41.42	32.69	13.99	29.85	259	65	P	H
	*	5795	109.73	-	-	92.57	32.85	14.19	29.88	259	65	P	H
	*	5795	101.91	-	-	84.75	32.85	14.19	29.88	259	65	A	H
		5853.6	60.23	-53.76	113.99	43.14	32.98	14.02	29.91	259	65	P	H
		5855.8	61.16	-49.42	110.58	44.08	32.98	14.01	29.91	259	65	P	H
		5903.2	56.39	-27.9	84.29	39.38	33.09	13.85	29.93	259	65	P	H
		5935.8	54.58	-13.62	68.2	37.62	33.16	13.75	29.95	259	65	P	H
													H
													H
		5609.8	54.09	-14.11	68.2	37.75	32.44	13.69	29.79	100	84	P	V
		5686	54.97	-39.9	94.87	38.3	32.61	13.89	29.83	100	84	P	V
		5719.2	55.95	-54.63	110.58	39.14	32.68	13.98	29.85	100	84	P	V
		5725	56.94	-65.26	122.2	40.1	32.69	14	29.85	100	84	P	V
	*	5795	106.86	-	-	89.7	32.85	14.19	29.88	100	84	P	V
	*	5795	99.05	-	-	81.89	32.85	14.19	29.88	100	84	A	V
		5850.2	58.88	-62.86	121.74	41.79	32.97	14.03	29.91	100	84	P	V
		5855.8	57.96	-52.62	110.58	40.88	32.98	14.01	29.91	100	84	P	V
		5877	56.95	-46.76	103.71	39.9	33.03	13.94	29.92	100	84	P	V
		5936.6	54.39	-13.81	68.2	37.44	33.16	13.74	29.95	100	84	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 155 5775MHz		5646	58.91	-9.29	68.2	42.42	32.52	13.78	29.81	259	66	P	H
		5696.8	65.76	-37.08	102.84	49.04	32.63	13.92	29.83	259	66	P	H
		5713.2	69.54	-39.36	108.9	52.74	32.67	13.97	29.84	259	66	P	H
		5724	69.36	-50.56	119.92	52.53	32.69	13.99	29.85	259	66	P	H
	*	5775	106.63	-	-	89.56	32.81	14.13	29.87	259	66	P	H
	*	5775	98.53	-	-	81.46	32.81	14.13	29.87	259	66	A	H
		5852.8	66.62	-49.2	115.82	49.53	32.98	14.02	29.91	259	66	P	H
		5861.4	65.87	-43.14	109.01	48.79	33	13.99	29.91	259	66	P	H
		5876	61.98	-42.48	104.46	44.92	33.03	13.95	29.92	259	66	P	H
		5945.8	56.24	-11.96	68.2	39.3	33.18	13.71	29.95	259	66	P	H
													H
													H
		5644.6	56	-12.2	68.2	39.51	32.52	13.78	29.81	109	85	P	V
		5697.2	64.28	-38.86	103.14	47.56	32.63	13.92	29.83	109	85	P	V
		5717.2	64.6	-45.42	110.02	47.78	32.68	13.98	29.84	109	85	P	V
		5720.4	64.93	-46.78	111.71	48.11	32.68	13.99	29.85	109	85	P	V
	*	5775	103.79	-	-	86.72	32.81	14.13	29.87	109	85	P	V
	*	5775	95.61	-	-	78.54	32.81	14.13	29.87	109	85	A	V
		5852.8	64.67	-51.15	115.82	47.58	32.98	14.02	29.91	109	85	P	V
		5859.4	63.98	-45.59	109.57	46.9	32.99	14	29.91	109	85	P	V
		5877.2	59.22	-44.35	103.57	42.17	33.03	13.94	29.92	109	85	P	V
		5935.2	55.52	-12.68	68.2	38.56	33.16	13.75	29.95	109	85	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		97.9	36.47	-7.03	43.5	52.21	15.58	1.05	32.37	100	0	P	H
		159.98	28.7	-14.8	43.5	42.91	16.6	1.55	32.36	-	-	P	H
		276.38	23.82	-22.18	46	34.85	18.98	2.4	32.41	-	-	P	H
		528.58	25.89	-20.11	46	30.94	24.1	3.46	32.61	-	-	P	H
		676.99	28.35	-17.65	46	30.37	26.46	4.08	32.56	-	-	P	H
		893.3	32.71	-13.29	46	30.88	29.01	4.65	31.83	-	-	P	H
													H
													H
													H
													H
													H
													H
		96.93	33.28	-10.22	43.5	49.16	15.45	1.04	32.37	100	0	P	V
		173.56	25.82	-17.68	43.5	41.22	15.36	1.6	32.36	-	-	P	V
		562.53	27.47	-18.53	46	30.26	26.19	3.66	32.64	-	-	P	V
		727.43	29.31	-16.69	46	30	27.46	4.33	32.48	-	-	P	V
		848.68	32.62	-13.38	46	31.02	29.03	4.65	32.08	-	-	P	V
		990.3	34.07	-19.93	54	28.99	30.68	5.4	31	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(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 :	Jacky Hung, Austin Li, and CR Liao	Temperature :	20~25°C
		Relative Humidity :	50~60%

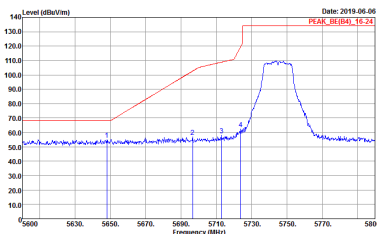
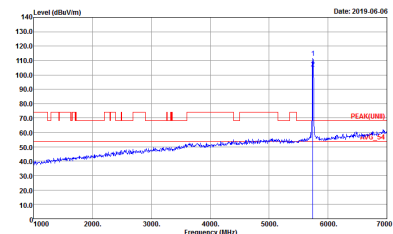
Note symbol

-L	Low channel location
-R	High channel location

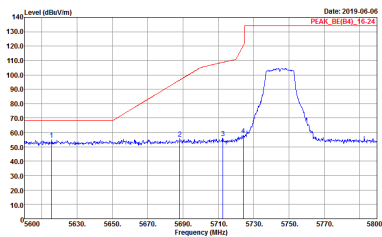
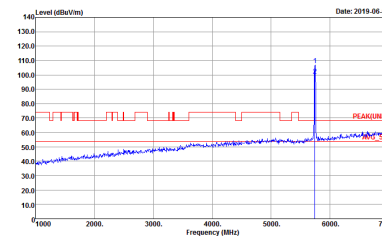
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Band 4 - 5725~5850MHz

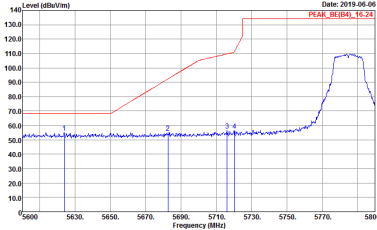
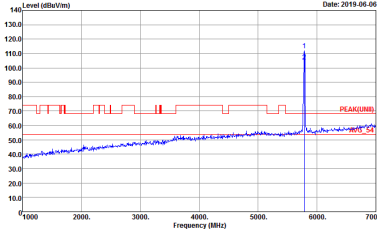
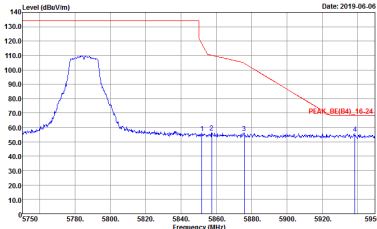
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(84)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14

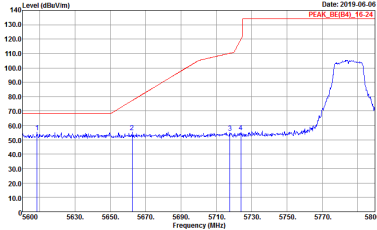
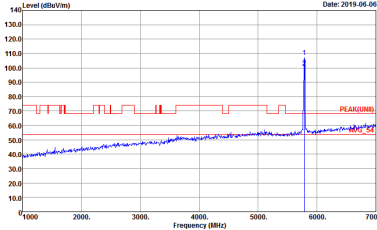
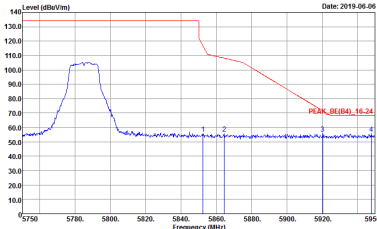


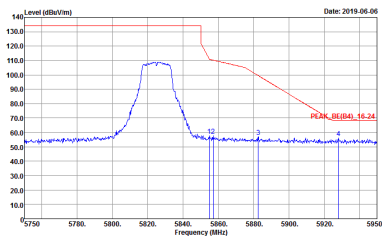
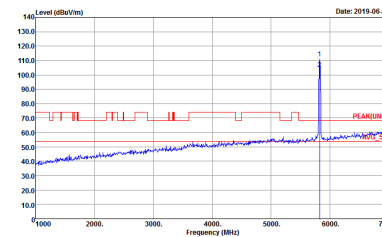
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14



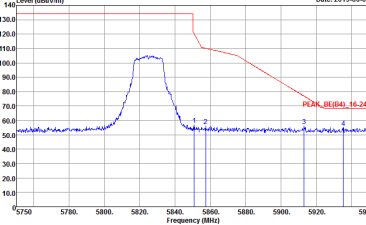
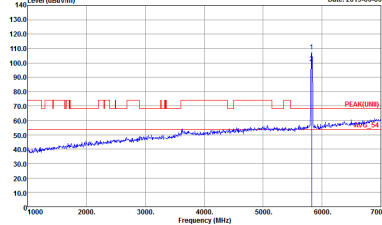
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH165-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH165-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5

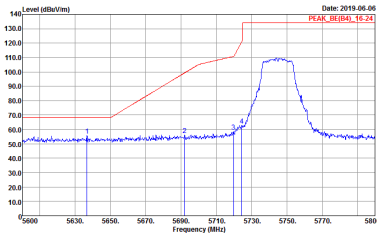
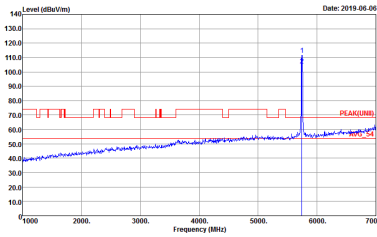


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH165-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH165-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5

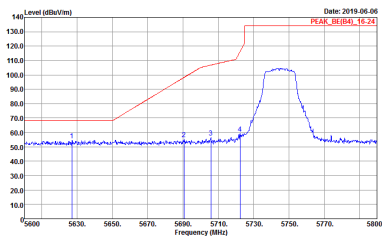
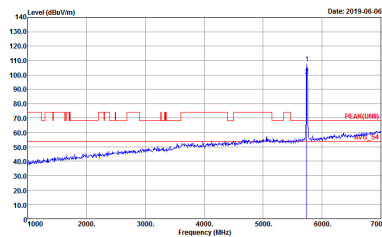


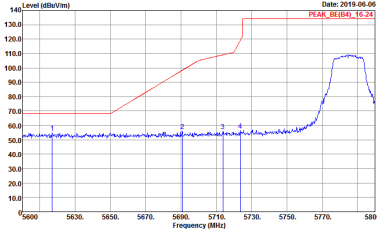
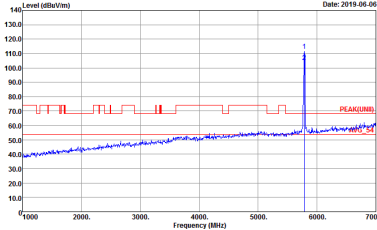
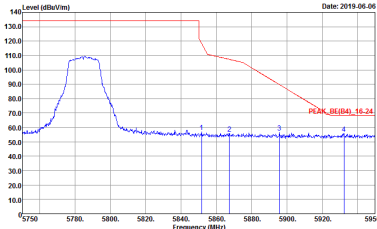
Band 4 5725~5850MHz

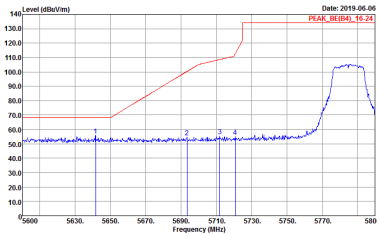
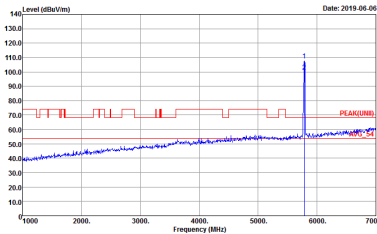
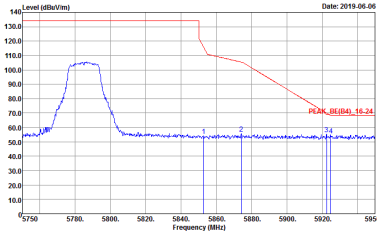
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_RE(84)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5

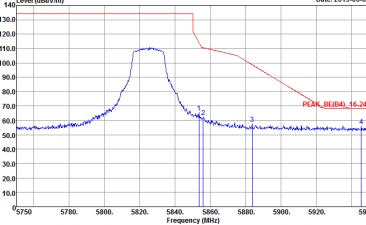
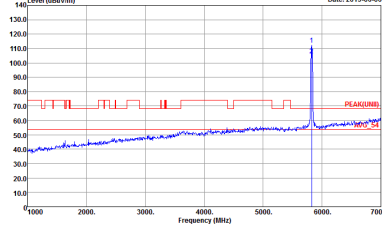


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316 Setting : 14.5

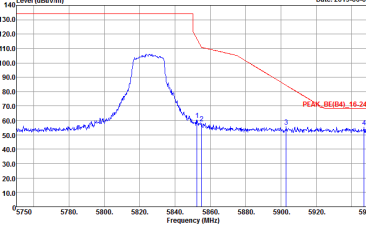
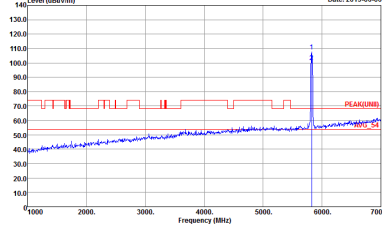
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(04)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5
	 Site : 03CH16-HY Condition : PEAK_BE(04)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(84)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5
	 Site : 03CH16-HY Condition : PEAK_BE(84)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5	Left blank

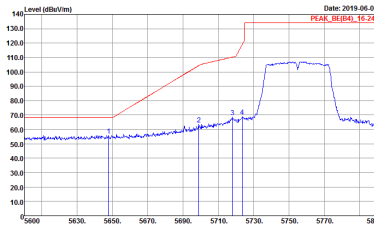
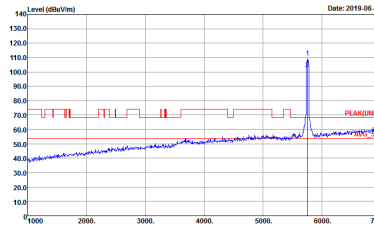
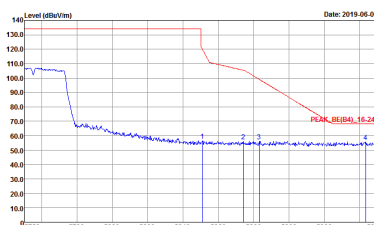


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 931316 Setting : 16	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 931316 Setting : 16

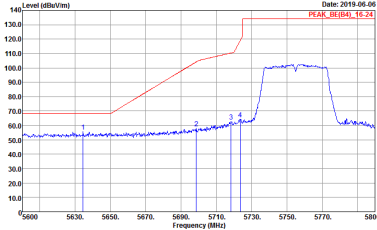
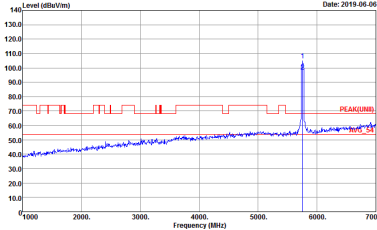
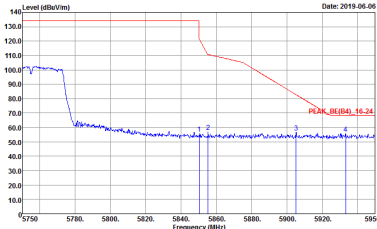


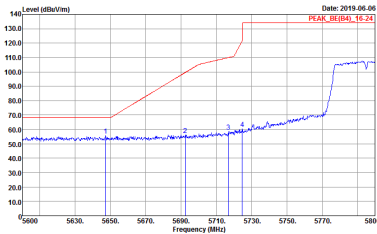
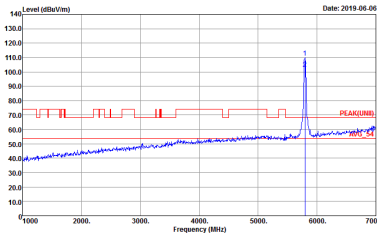
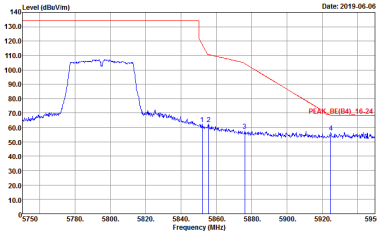
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Setting : 931316 Setting : 16	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Setting : 931316 Setting : 16

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

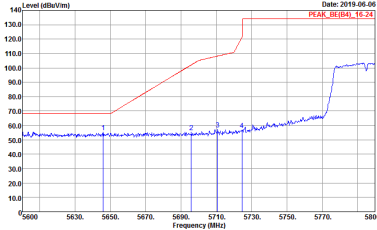
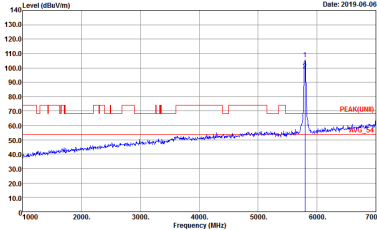
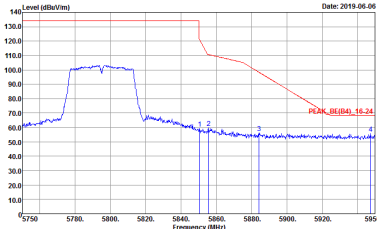
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14	 Site : 03CH16-HY Condition : PEAK(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14	Left blank



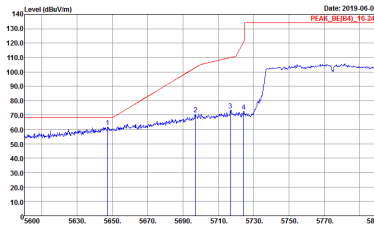
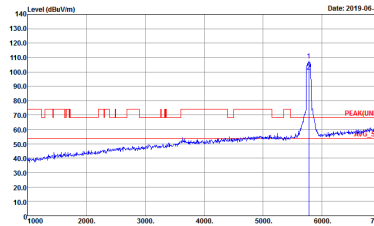
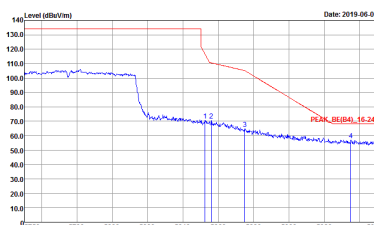
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	Left blank

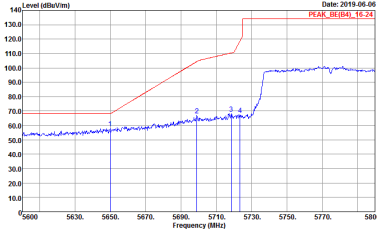
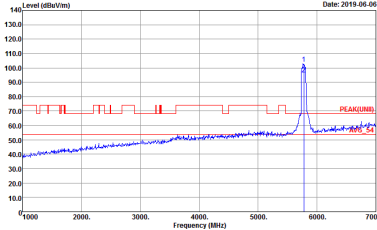
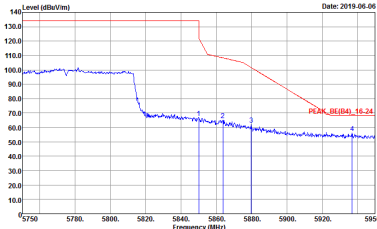


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5	Left blank

Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTA Detector : Peak Project : 931316 Setting : 15	 Site : 03CH16-HY Condition : PEAK(B4)_24 3m 91200_1522 HORIZONTA Detector : Peak Project : 931316 Setting : 15
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTA Detector : Peak Project : 931316 Setting : 15	Left blank

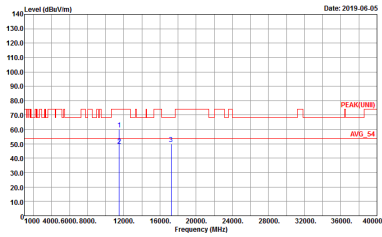
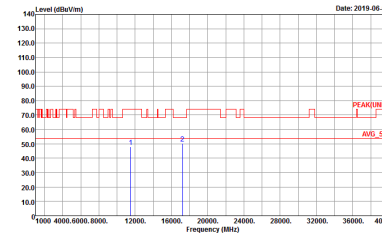


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 15	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 15
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 15	Left blank

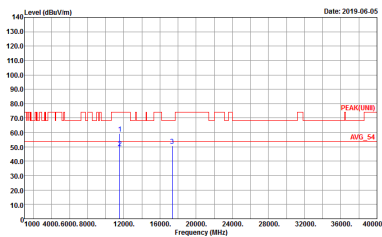
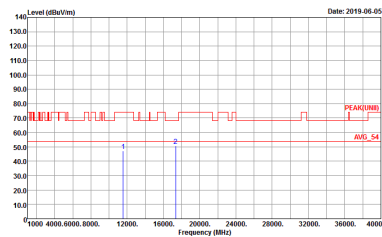


Band 4 - 5725~5850MHz

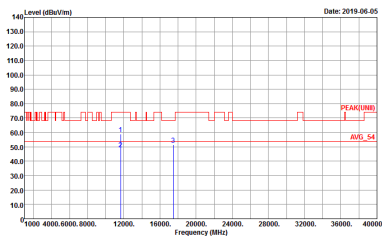
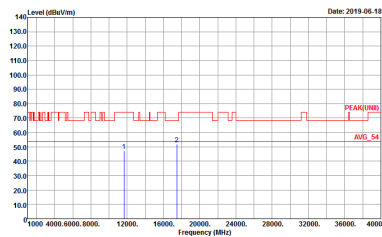
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14

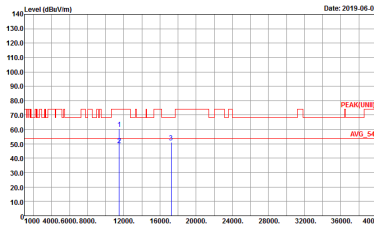
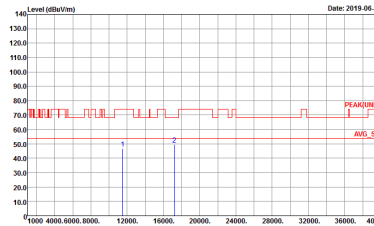


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5

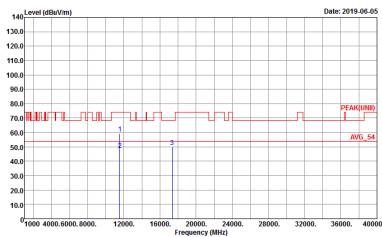
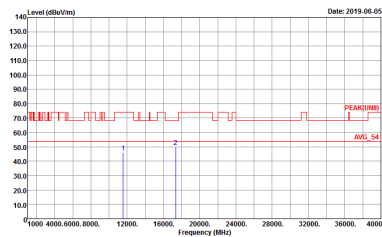


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5

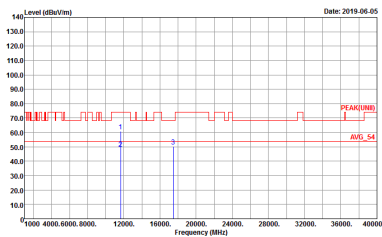
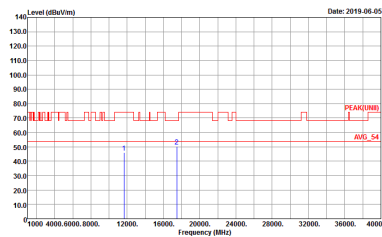
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5

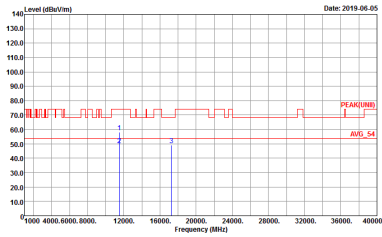
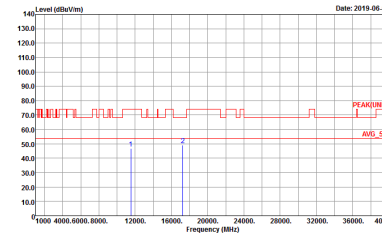


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5

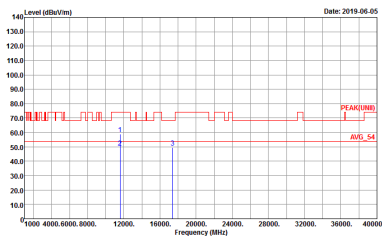
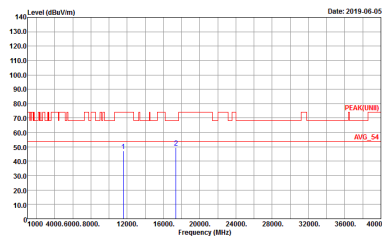


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 16	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 16

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

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14

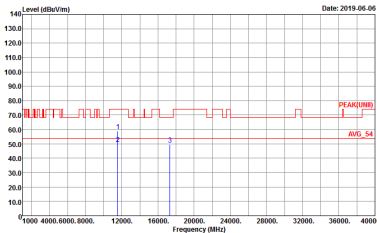
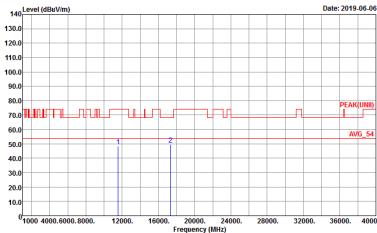


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5

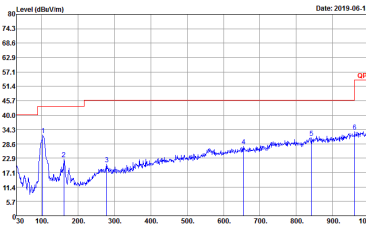
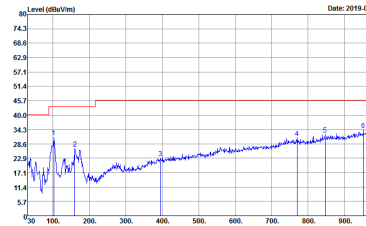


Band 4 5725~5850MHz

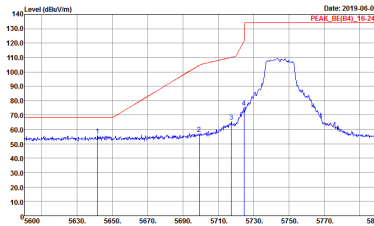
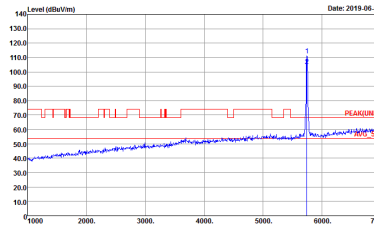
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 15	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 15

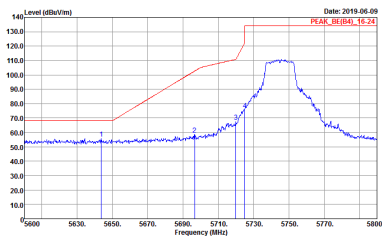
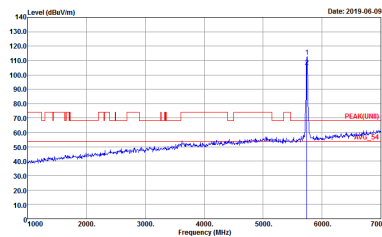
Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

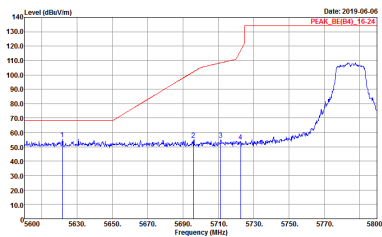
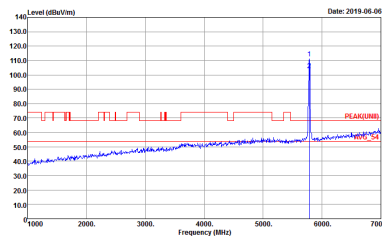
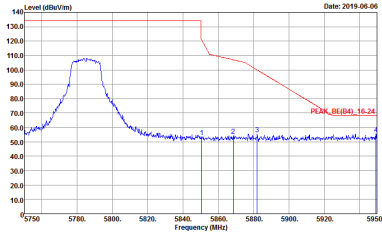
WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
0	Horizontal	Vertical
QP / Peak	 Site : 03CH16-HY Condition : QP 3m BIL06_47020606 HORIZONTAL Detector : Peak Project : 931316 Setting : 15	 Site : 03CH16-HY Condition : QP 3m BIL06_47020606 VERTICAL Detector : Peak Project : 931316 Setting : 15

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

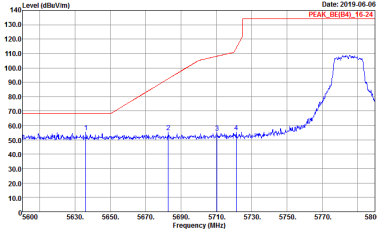
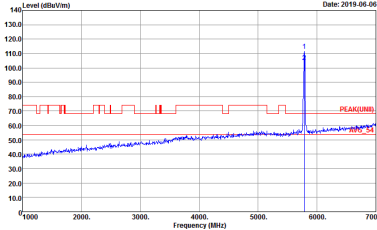
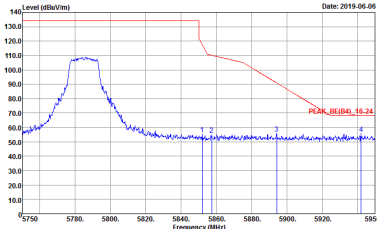
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_RE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(FUND)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316



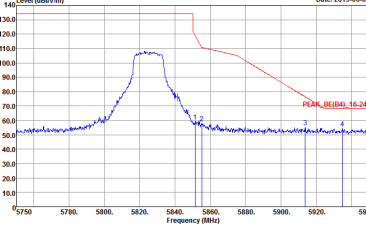
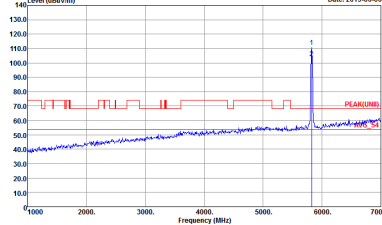
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(84)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK_BE(84)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(84)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

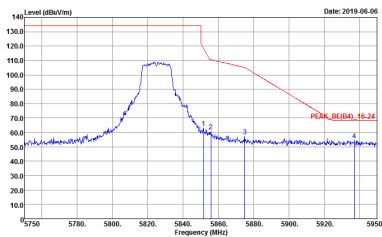
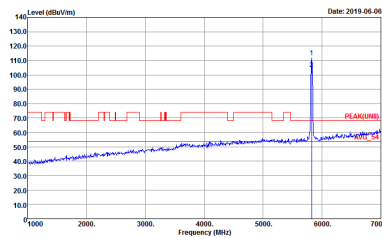


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH165-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH165-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

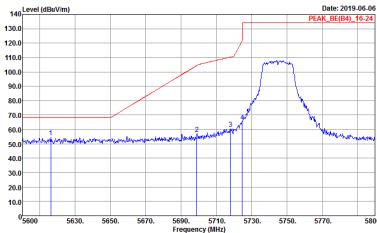
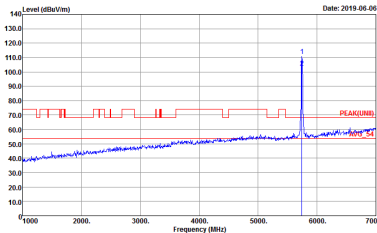


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH165-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH165-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

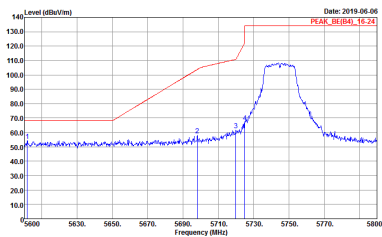
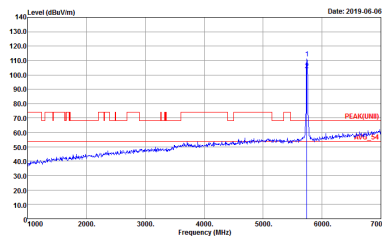


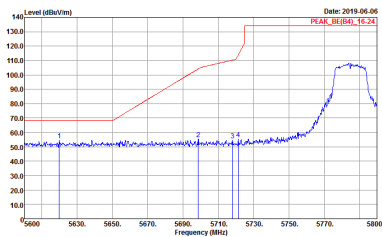
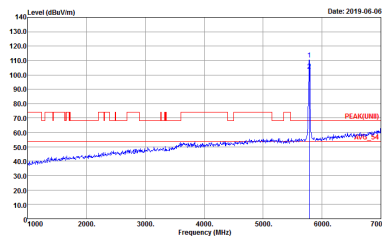
Band 4 5725~5850MHz

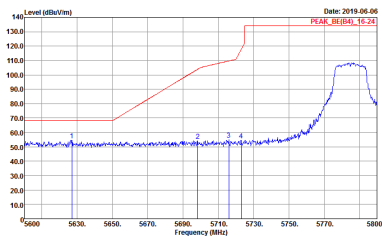
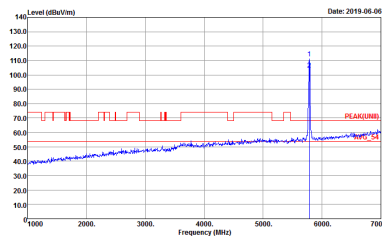
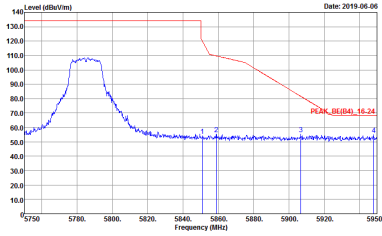
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_RE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(FUND)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

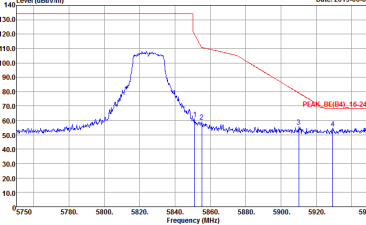
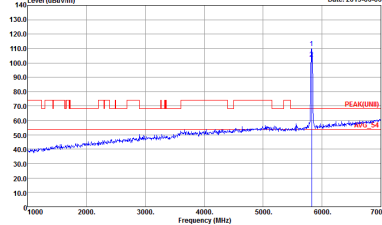


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

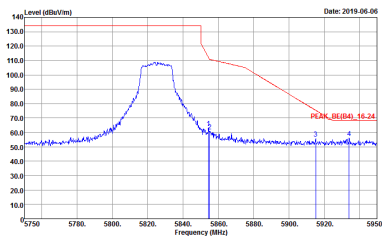
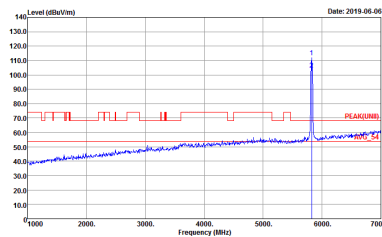
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

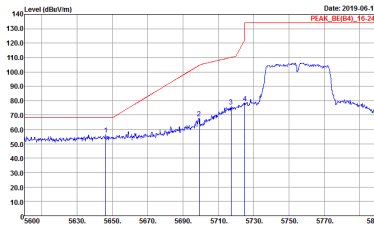
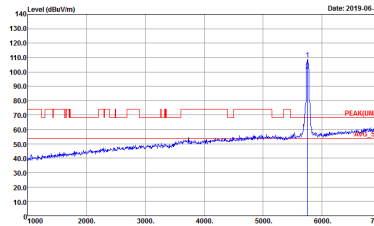
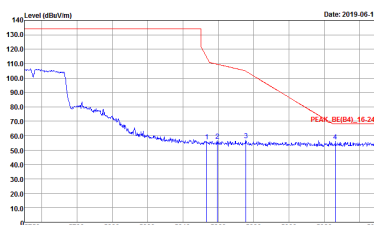


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

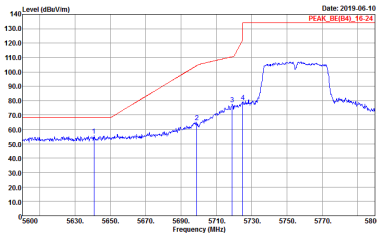
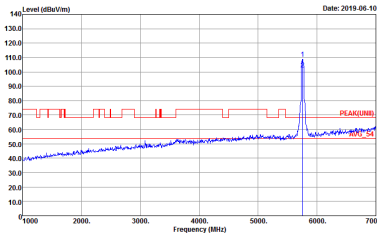
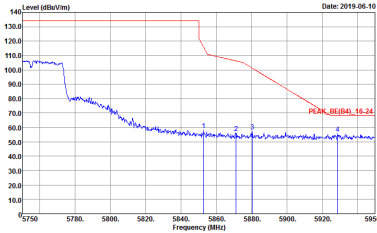


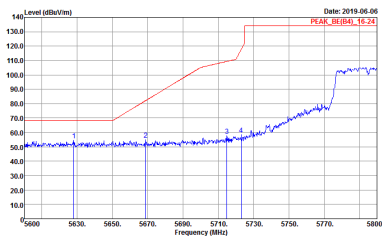
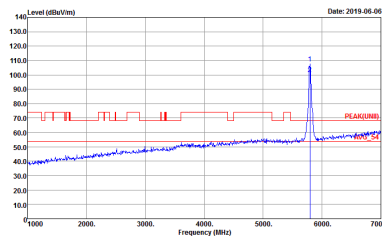
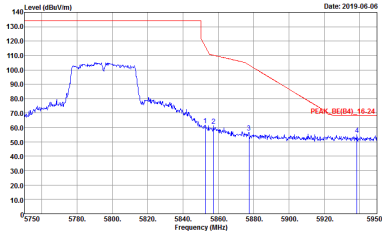
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

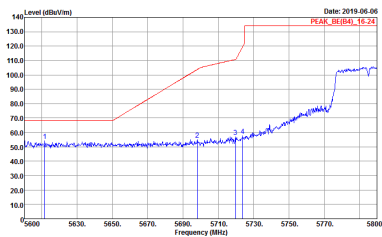
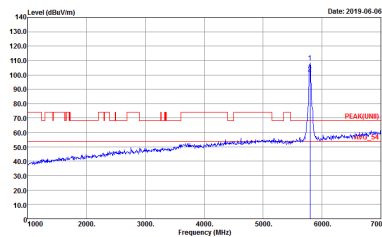
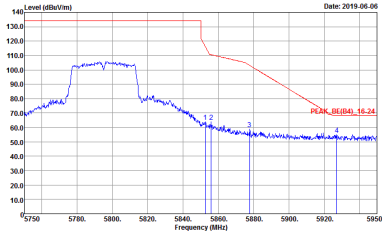
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

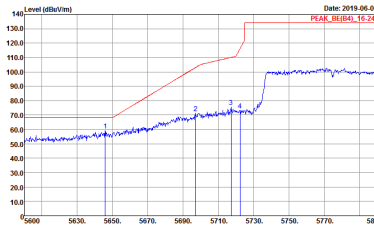
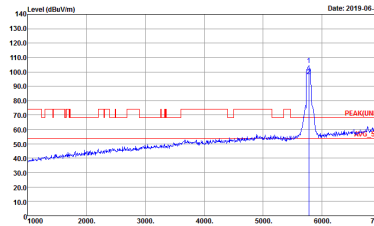
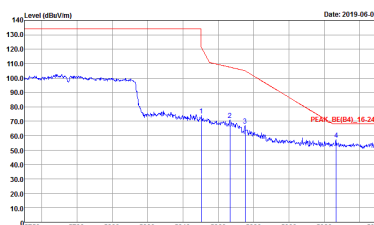


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

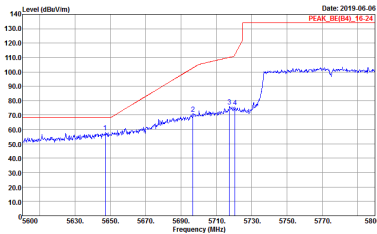
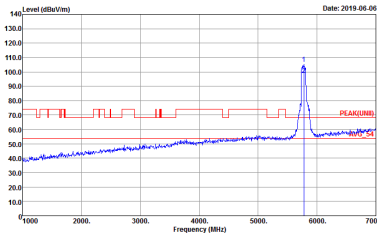
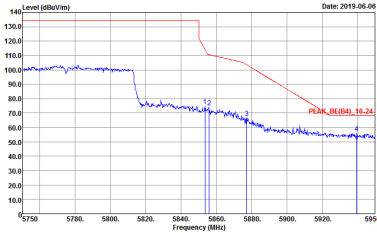
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

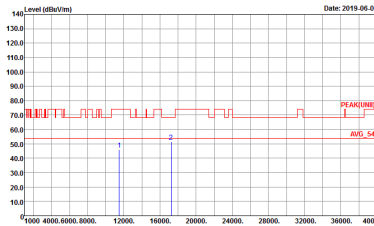
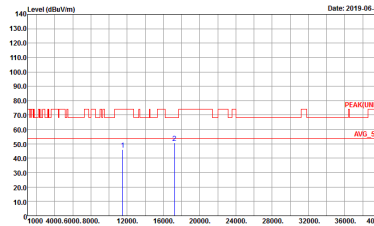
Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	Left blank

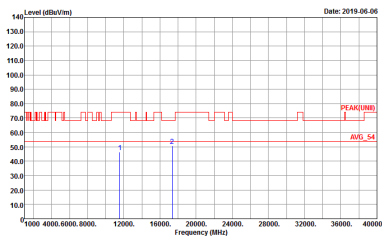
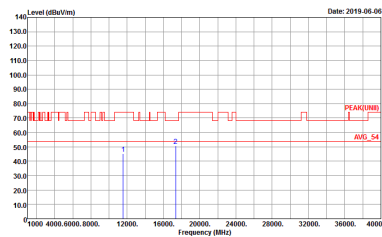


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(04)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK_BE(04)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(04)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

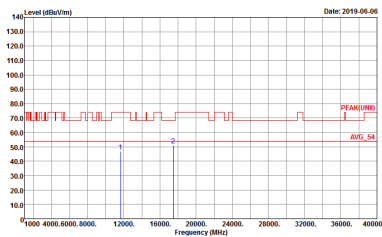
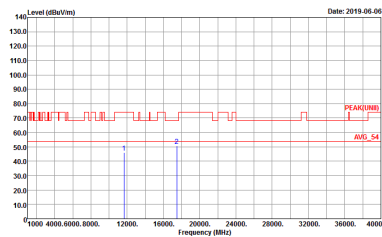
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

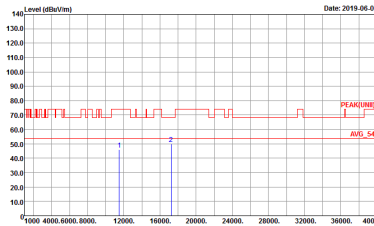
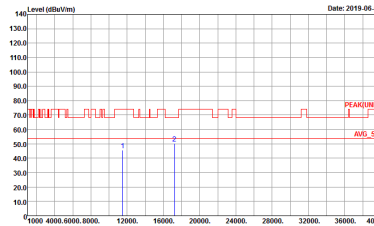


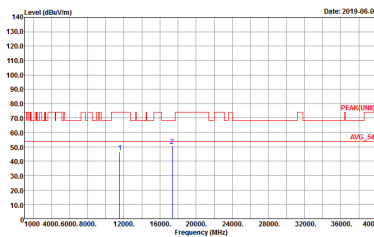
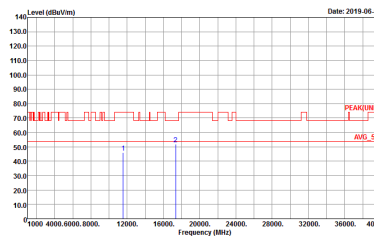
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

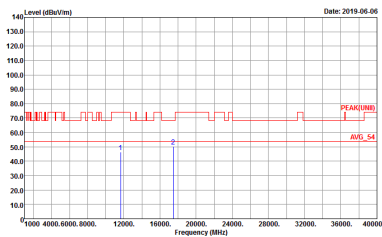
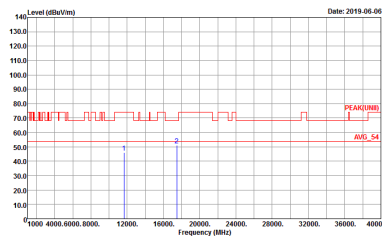


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

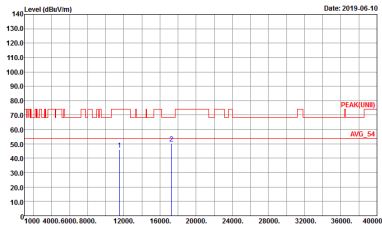
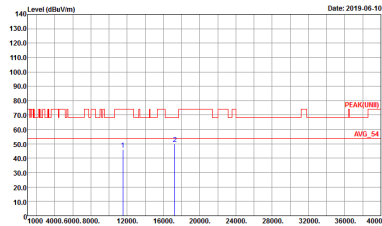
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

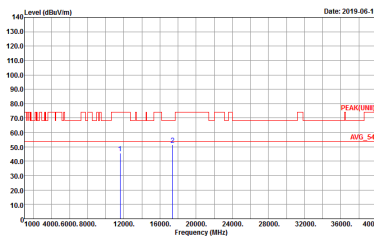
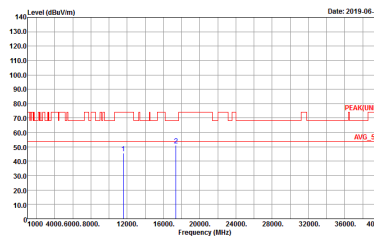
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

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

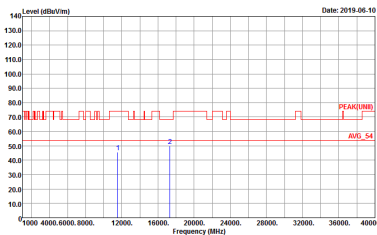
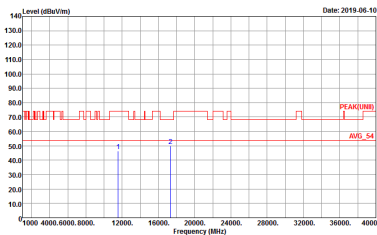
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

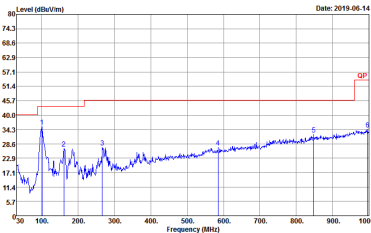
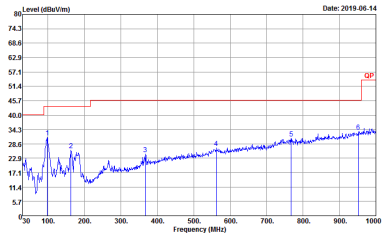


Band 4 5725~5850MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

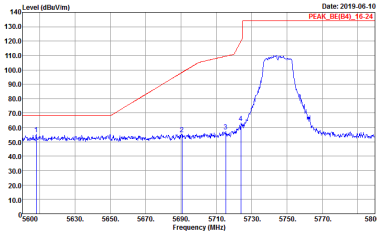
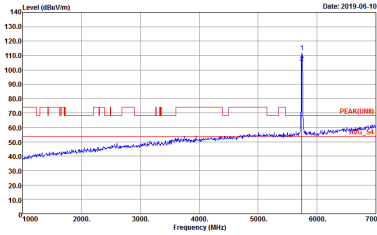
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

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

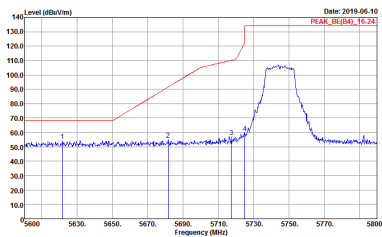
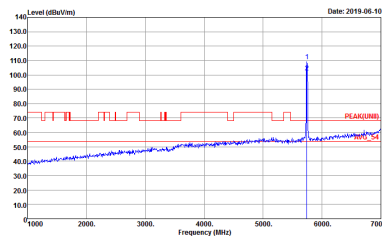
WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
3	Horizontal	Vertical
QP / Peak	 Site : 03CH16-HY Condition : QP 3m BIL06_47020606 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : QP 3m BIL06_47020606 VERTICAL Detector : Peak Project : 931316



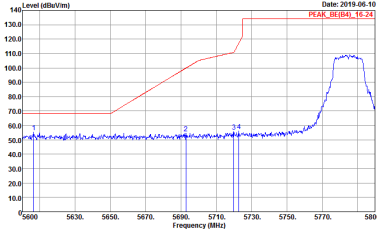
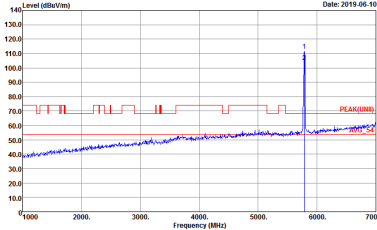
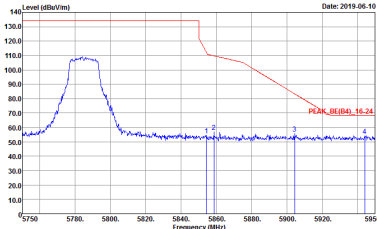
Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_RE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(FUND)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

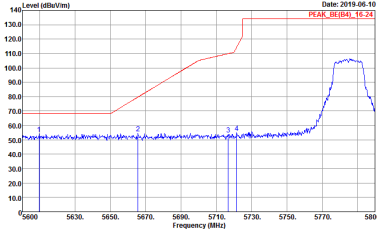
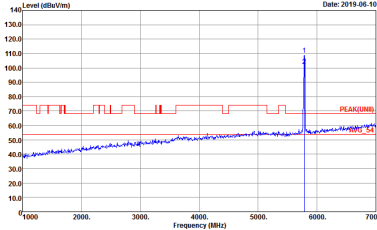
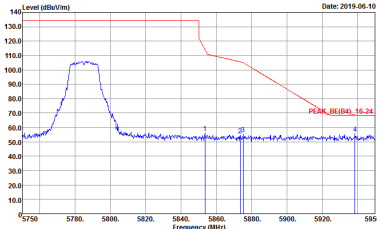


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

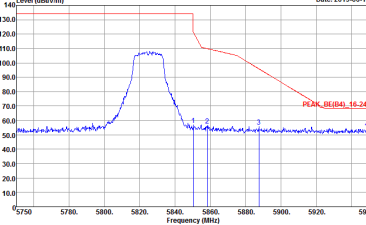
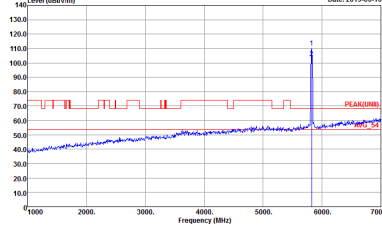


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

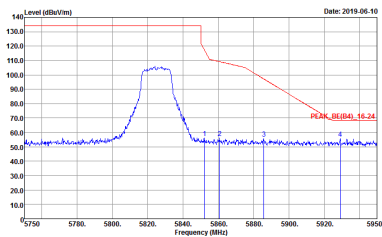
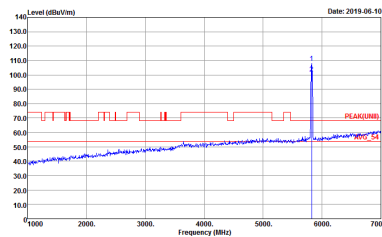


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

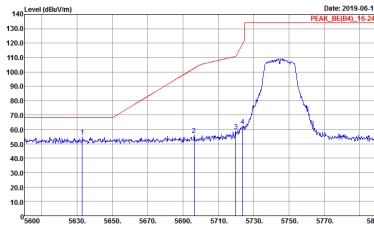
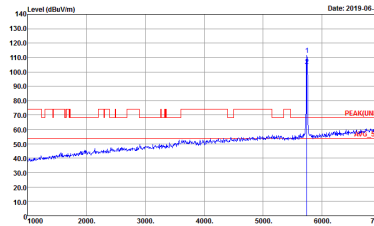


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH165-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH165-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

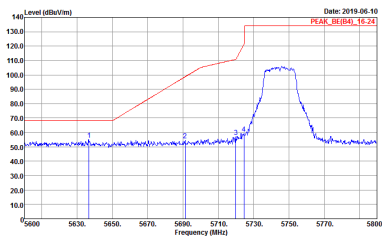
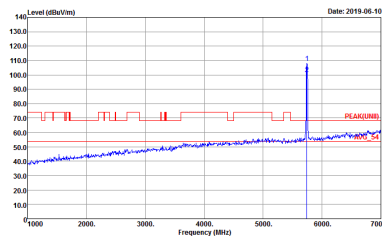


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH165-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH165-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

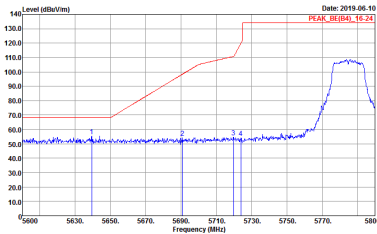
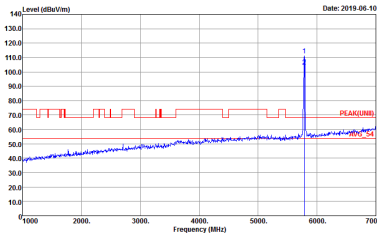
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_RE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

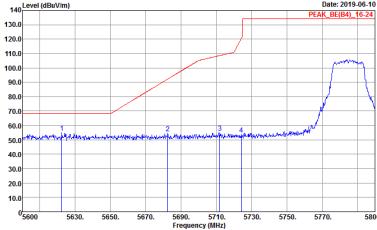
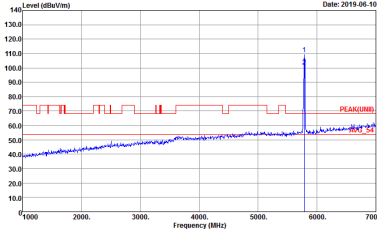
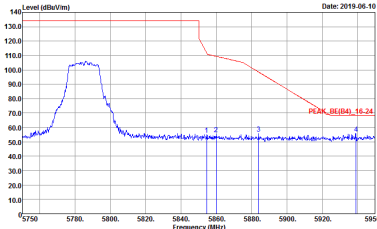


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

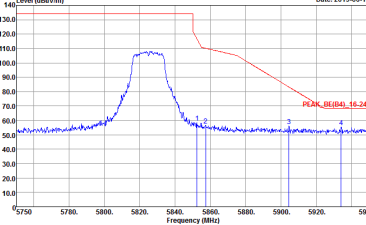
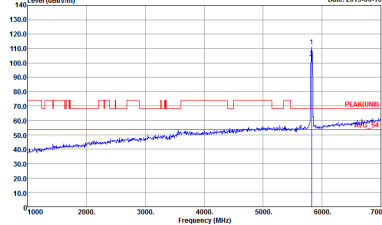


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

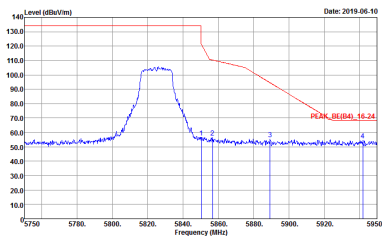
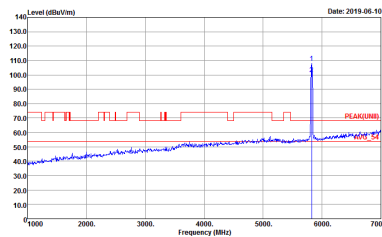


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

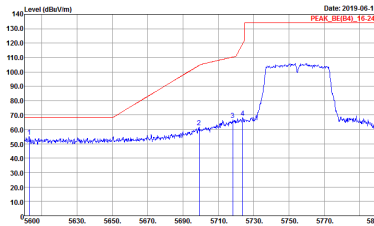
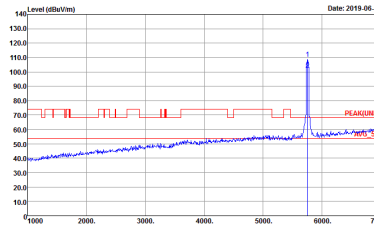
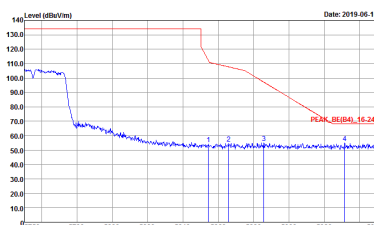


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

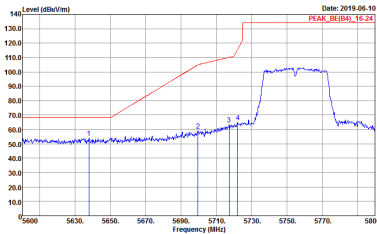
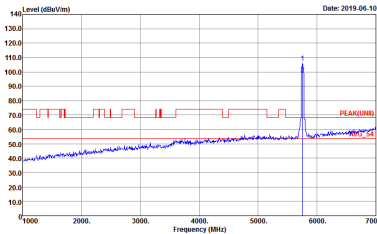
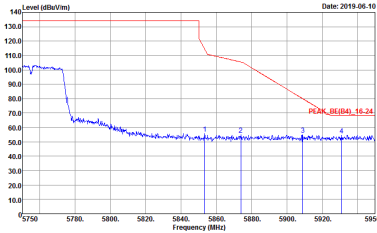


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

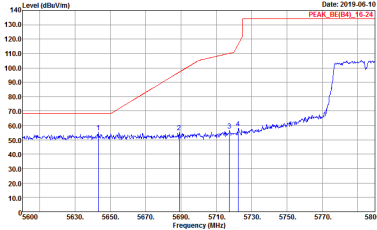
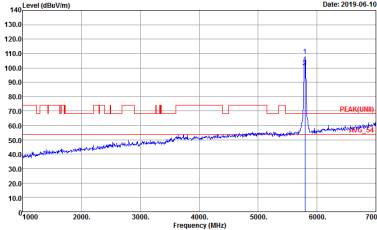
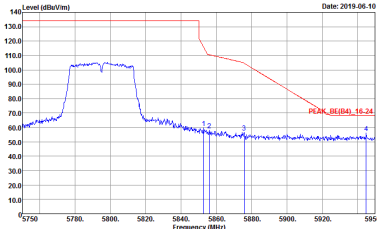
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

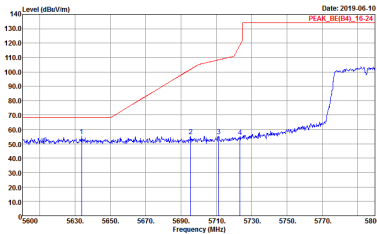
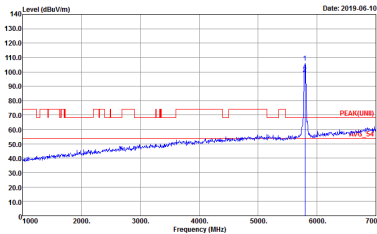
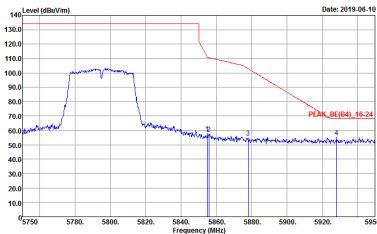


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

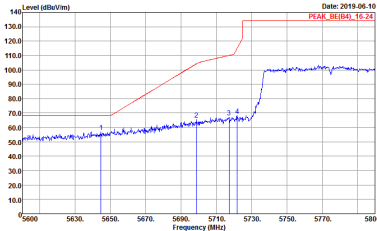
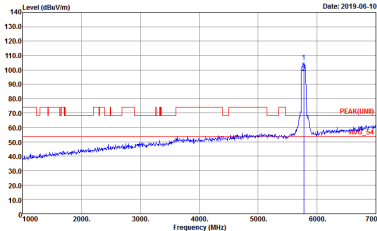
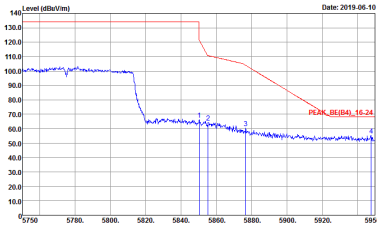


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

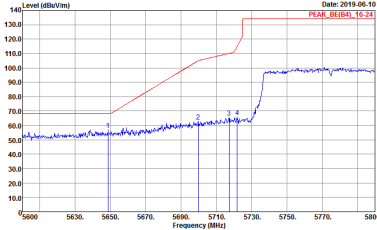
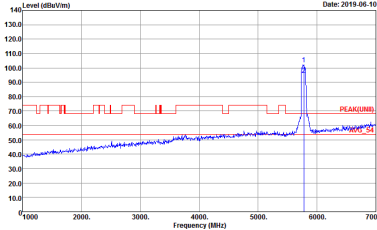
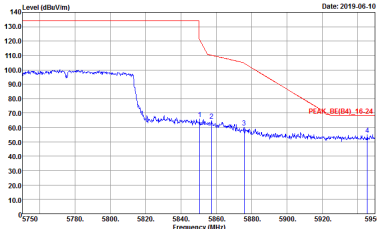


Band 4 5725~5850MHz

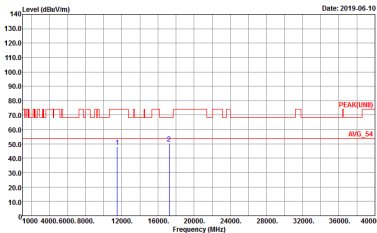
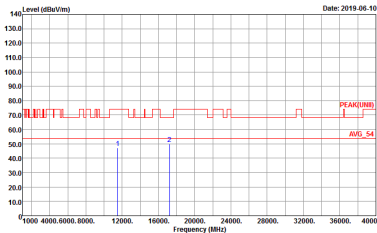
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
0+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(LNB) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	Left blank

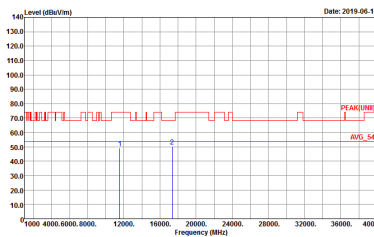
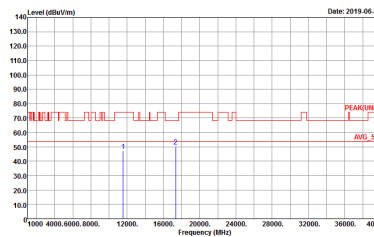


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
0+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank

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

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316 Setting : 14.5

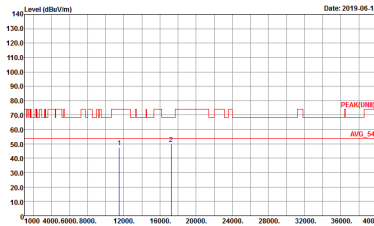
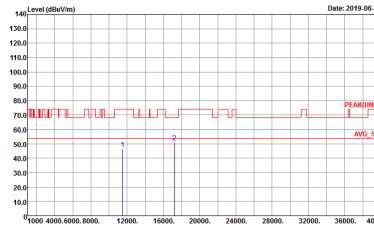


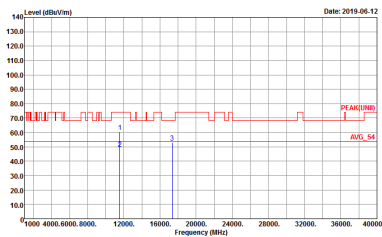
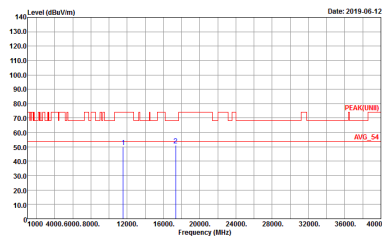
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

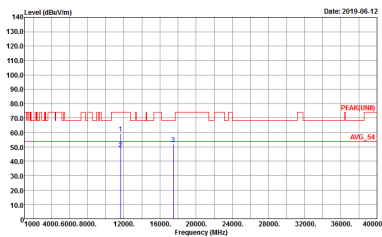
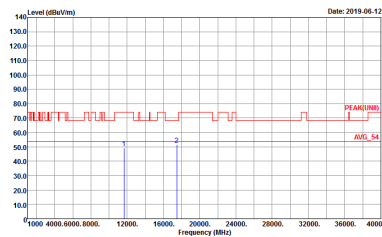


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
0+3	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2019-06-10 Frequency (MHz) Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Level (dBuV/m) Date: 2019-06-10 Frequency (MHz) Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

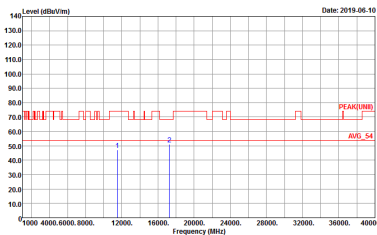
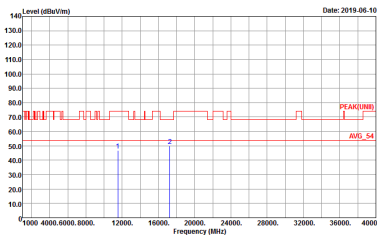
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

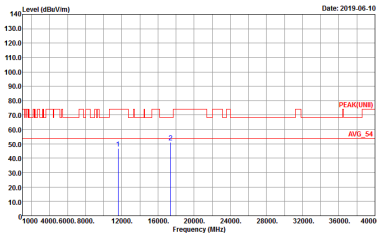
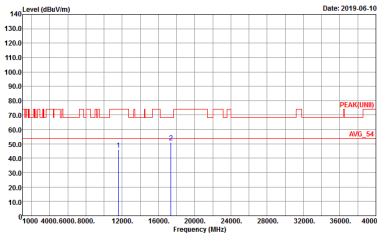
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Date: 2019-06-12 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Date: 2019-06-12 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a noisy baseline with a red line indicating the peak level at approximately 75 dBuV/m. A red label 'PEAK(UWB)' is present. Below the plot, the following text is displayed: Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a noisy baseline with a red line indicating the peak level at approximately 75 dBuV/m. A red label 'PEAK(UWB)' is present. Below the plot, the following text is displayed: Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

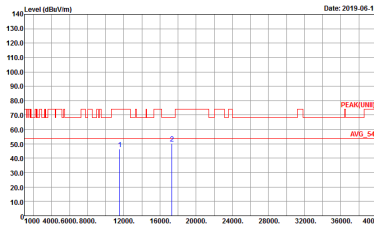
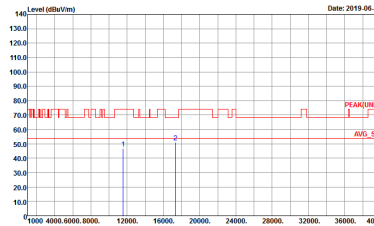
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

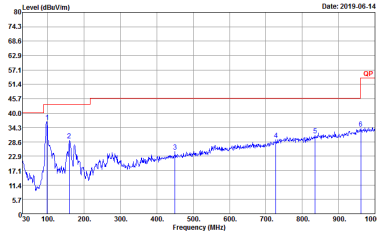
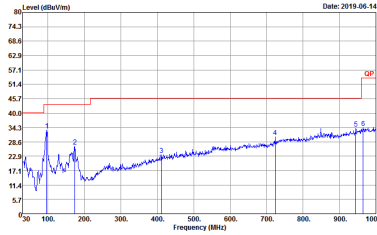


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
0+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316

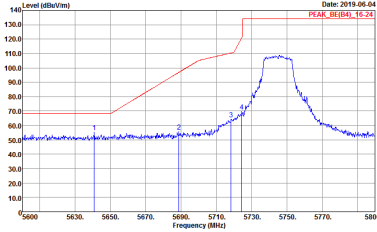
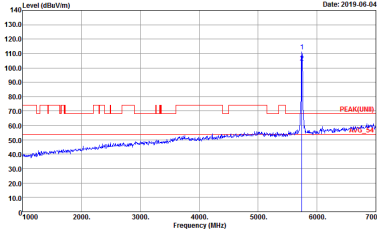
Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
0+3	Horizontal	Vertical
QP / Peak	 Site : 03CH16-HY Condition : QP 3m BIL06_47020606 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : QP 3m BIL06_47020606 VERTICAL Detector : Peak Project : 931316

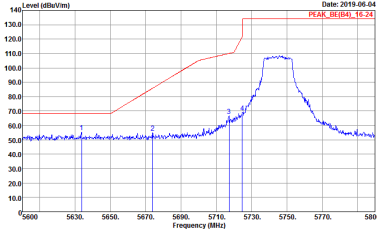
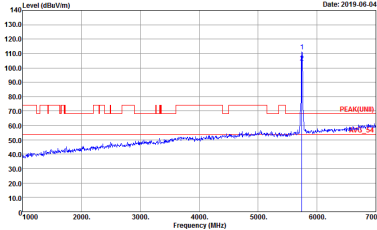


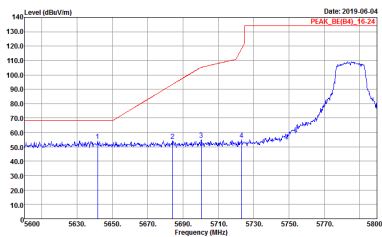
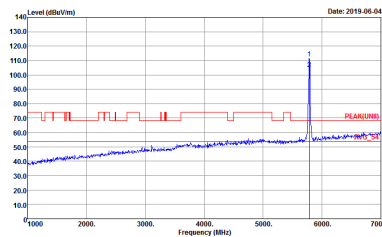
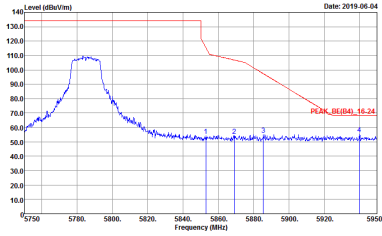
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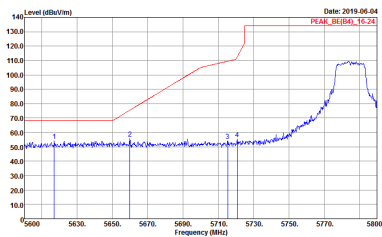
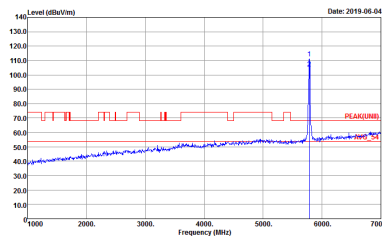
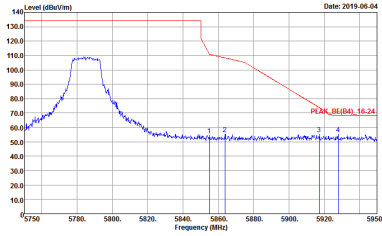
Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 931316

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 HORIZONTAL Detector : Peak Project : 931316	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 931316
	 Site : 03CH16-HY Condition : PEAK_BE(B4)_16-24 3m 91200_1522 VERTICAL Detector : Peak Project : 931316	Left blank