FCC RF Test Report

APPLICANT	:	Ubiquiti Networks, Inc.
EQUIPMENT	:	PRISM Station AC
BRAND NAME	:	UBIQUITI
MODEL NAME	:	PS-5AC
FCC ID	:	SWX-PS5AC
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure

The product was received on Dec. 24, 2016 and testing was completed on Mar. 06, 2017. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager

Testing Laboratory 1190

SPORTON INTERNATIONAL INC.
No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.

TABLE OF CONTENTS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR6N2223-01C	Rev. 01	Initial issue of report	Mar. 24, 2017
FR6N2223-01C	Rev. 02	Adding description of PoE adapter in section 2.1	Mar. 29, 2017

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.403(i)	6dB, 26dB and 99% Occupied Bandwidth	> 500kHz	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 30 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 30 dBm/500kHz	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b)(4)(i) &15.209(a)	Pass	Under limit 0.28 dB at 5416.000 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 7.20 dB at 0.150 MHz
3.6	15.407(g)	Frequency Stability	Within Operation Band	Pass	-
3.7	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.8	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

Ubiquiti Networks, Inc.
2580 Orchard Parkway San Jose, CA 95131

1.2 Manufacturer

Ubiquiti Networks, Inc.
2580 Orchard Parkway San Jose, CA 95131

1.3 Product Feature of Equipment Under Test

Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GPS

Product Specification subjective to this standard	
Antenna Type	WLAN 2.4GHz: Internal Antenna WLAN 5GHz: Horn Antenna GPS: Patch Antenna

1.4 Modification of EUT

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

1.5 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW0007 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan 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.
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. :**
	03CH10-HY

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

1.6 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 v01r03.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- FCC KDB 644545 D03 Guidance for IEEE 802 11ac New Rules v01
- 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 (Y plane) were recorded in this report.

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

2.1 Test Mode

Final test mode of conducted test items and radiated spurious emissions are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11ac VHT10	VHT0
802.11ac VHT20	VHT0
802.11ac VHT30	VHT0
802.11ac VHT40	VHT0
802.11ac VHT50	VHT0
802.11ac VHT60	VHT0
802.11ac VHT80	VHT0

Remark: For radiated spurious emissions, all tests were performed with PoE adapter 1.

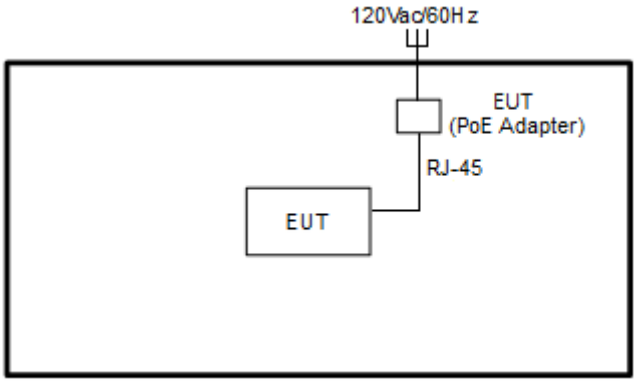
AC Conducted Emission	Mode 1 : WLAN (2.4GHz) Idle + WLAN (5GHz) Link + LAN Link + PoE Adapter 1 + GPS Rx

Ch. #		Band IV：5725-5850 MHz			
		802.11ac VHT10	802.11ac VHT20	802.11ac VHT30	802.11ac VHT40
L	Low	147	148	149	150
M	Middle	158	158	158	158
H	High	168	167	166	165

Ch. #		Band IV：5725-5850 MHz			
		802.11ac VHT50	802.11ac VHT60	802.11ac VHT80	-
L	Low	151	152	154	-
M	Middle	158	158	158	-
H	High	164	163	161	-

2.2 Connection Diagram of Test System

<WLAN Tx Mode>



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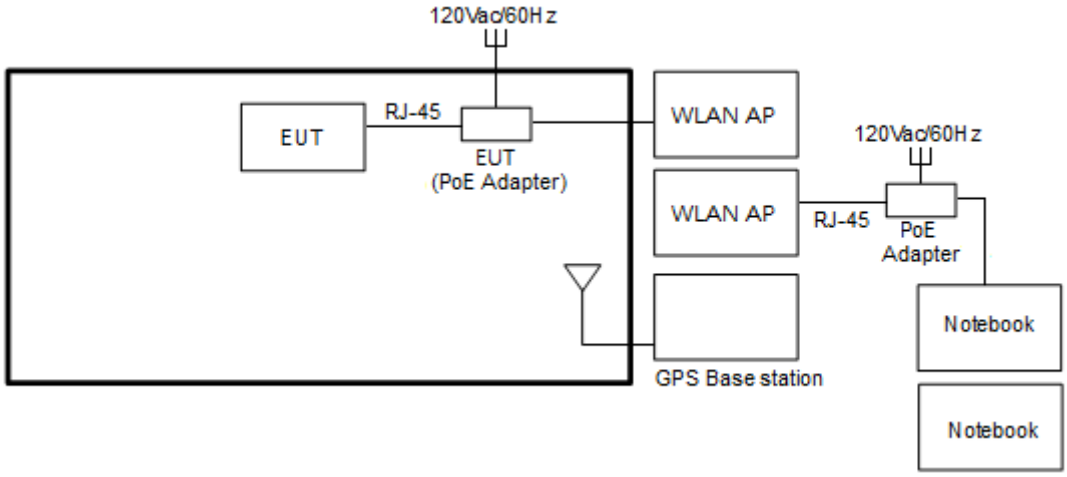

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	AP	Ubiquiti	RP-5AC-GEN2	N/A	N/A	Unshielded, 1.8 m
2.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	P20G	FCC DoC/ Contains FCC ID: QDS-BRCM1051	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	Antenna	N/A	N/A	N/A	N/A	N/A

2.4 EUT Operation Test Setup

For WLAN function, programmed RF utility, “CMD” installed in the notebook make the EUT provide functions like channel selection and power level for continuous transmitting and receiving signals.

2.5 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 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

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03. Section C) Emission bandwidth for the band 5.725-5.85GHz
2. Set RBW = 100kHz.
3. Set the VBW ≥ 3 x 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 Bandwidth

Please refer to Appendix A.

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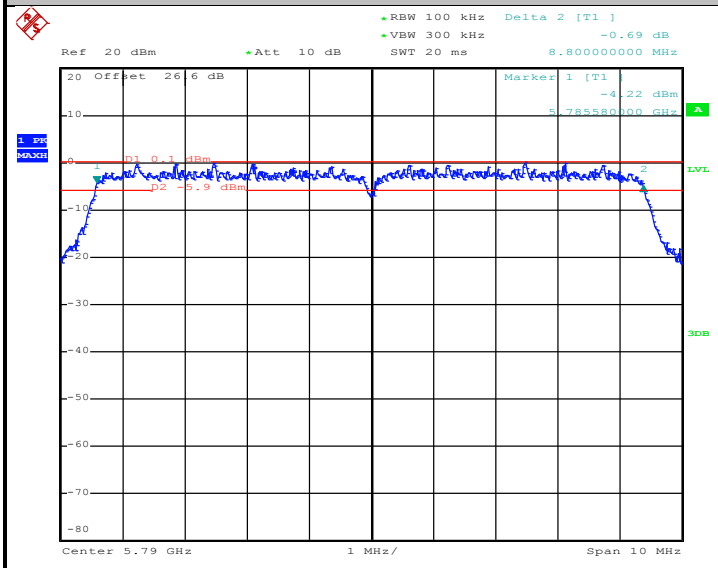
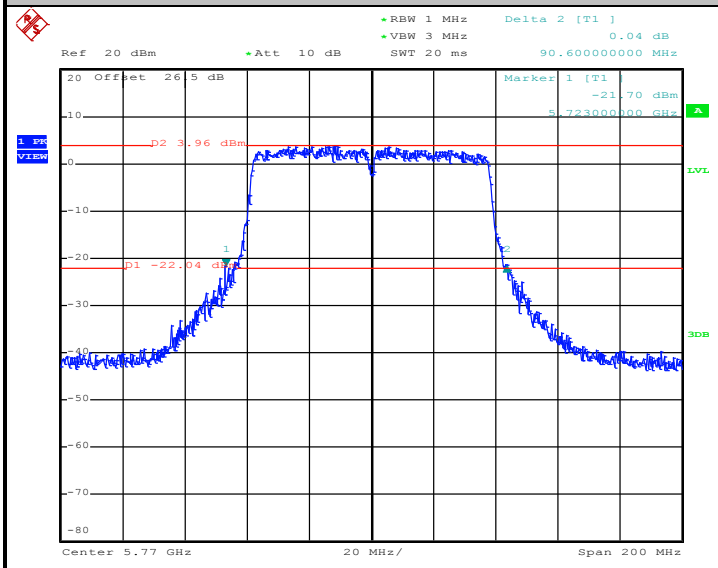
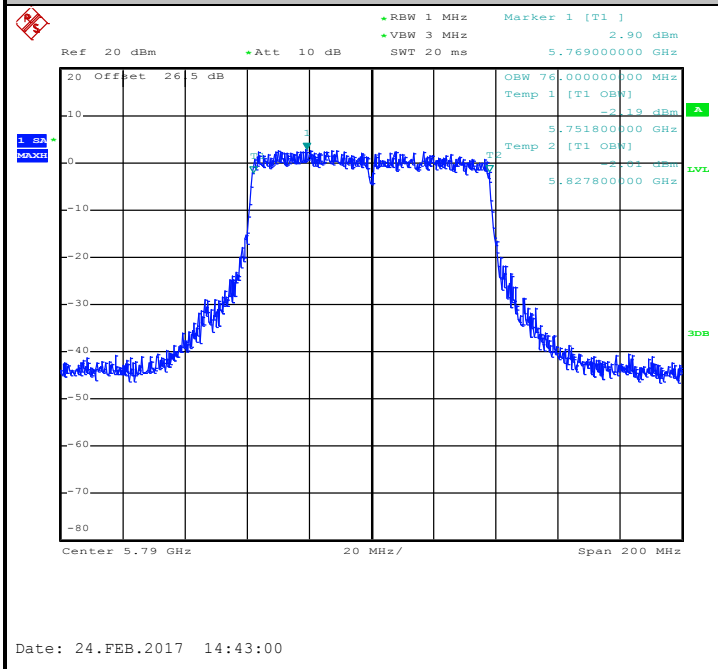
Minimum 6dB Bandwidth



Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

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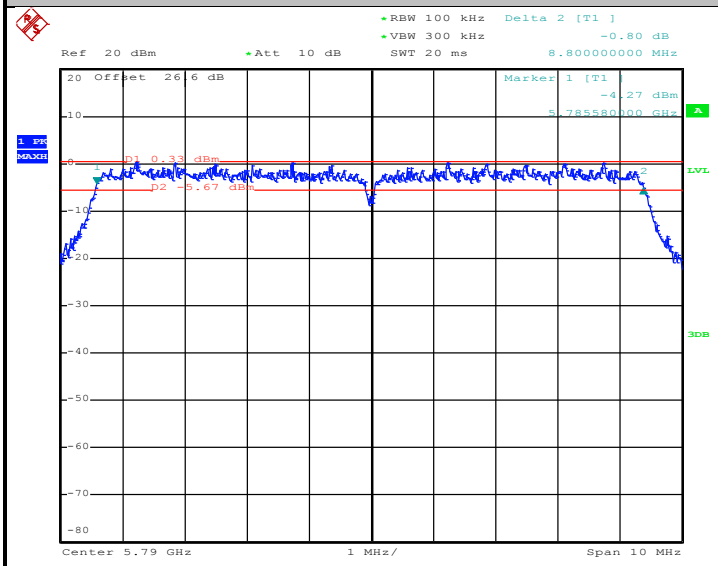
Minimum 6dB Bandwidth



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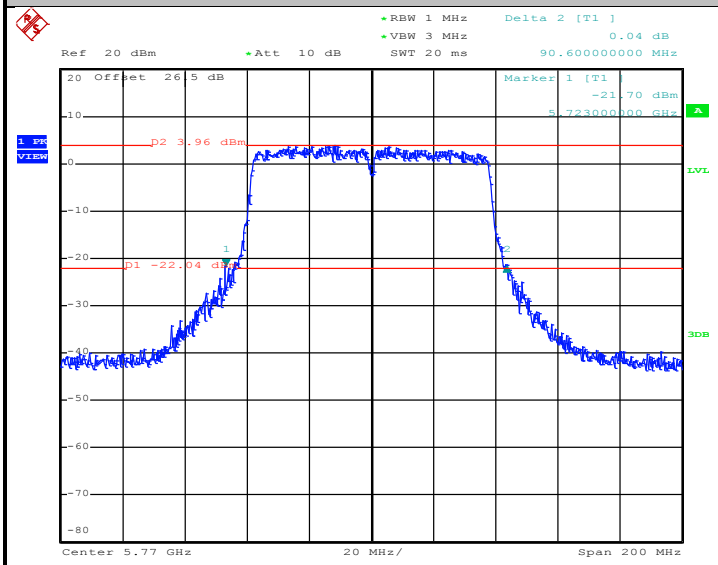
Maximum 26dB Bandwidth



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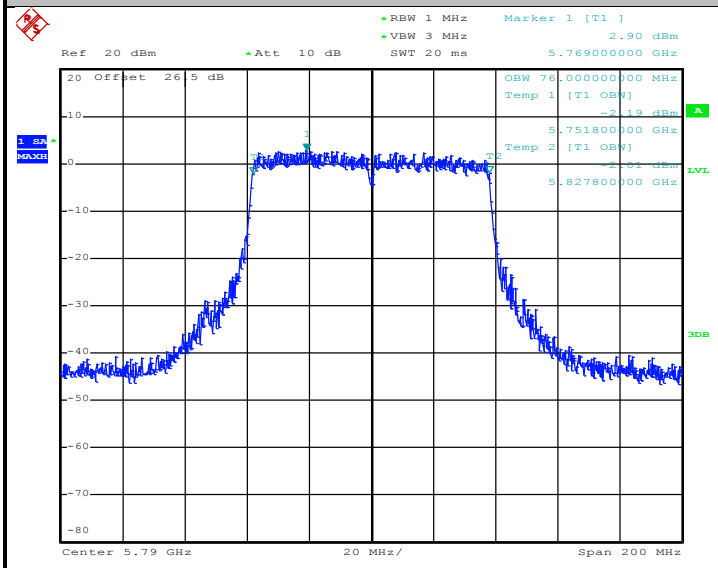
Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

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

The measuring equipment is listed in the section 4 of this test report.

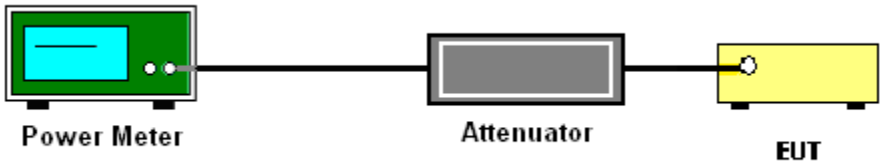
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.

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

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03. 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).

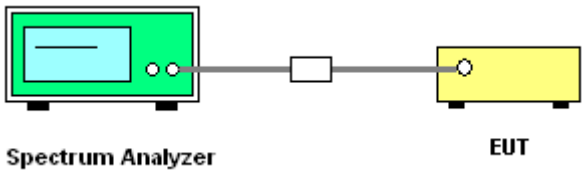
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz.
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(500kHz/RBW) 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_{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_{ANT}) dB is added to each spectrum value before comparing to the emission limit. The addition of 10 log(N_{ANT}) dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

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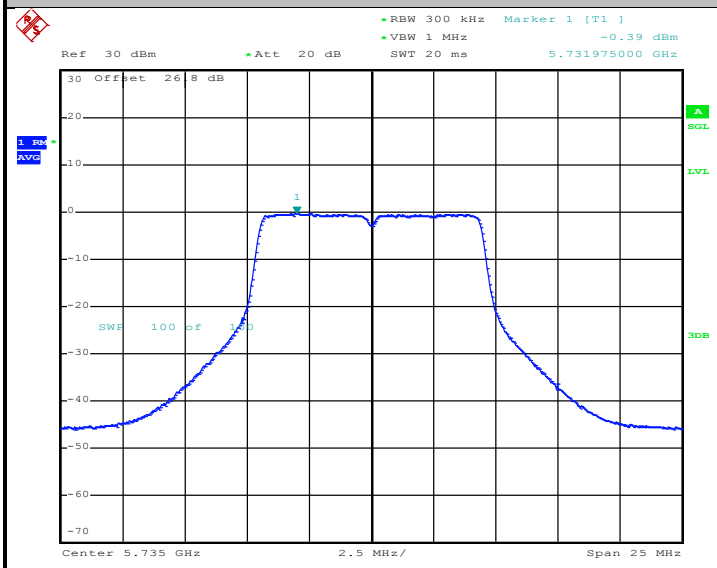
Worst Case Power Density (dBm/300kHz) for MIMO Ant. 1+2(1)



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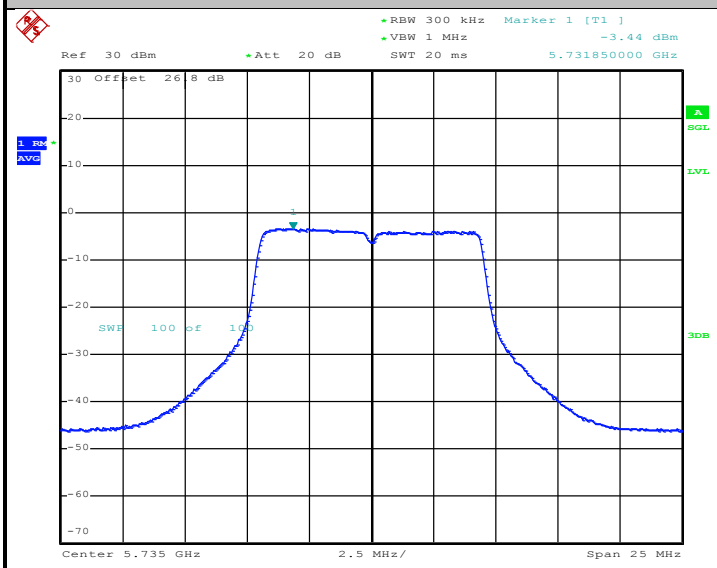
Worst Case Power Density (dBm/300kHz) for MIMO Ant. 1+2(2)



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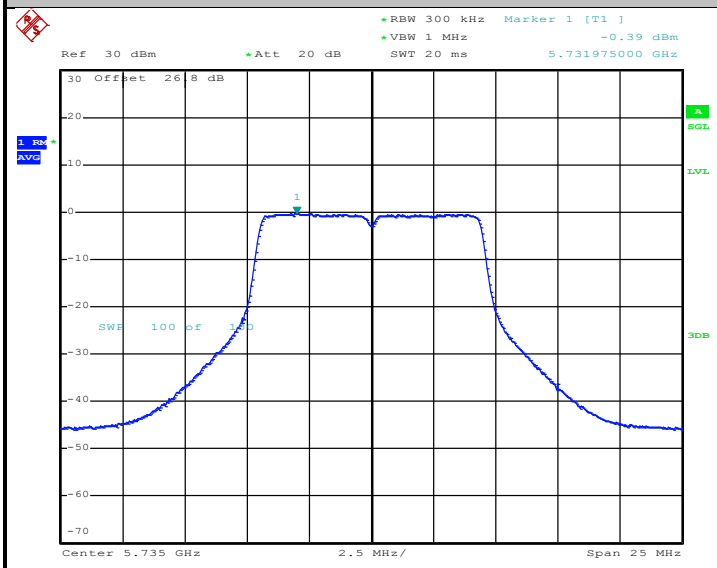
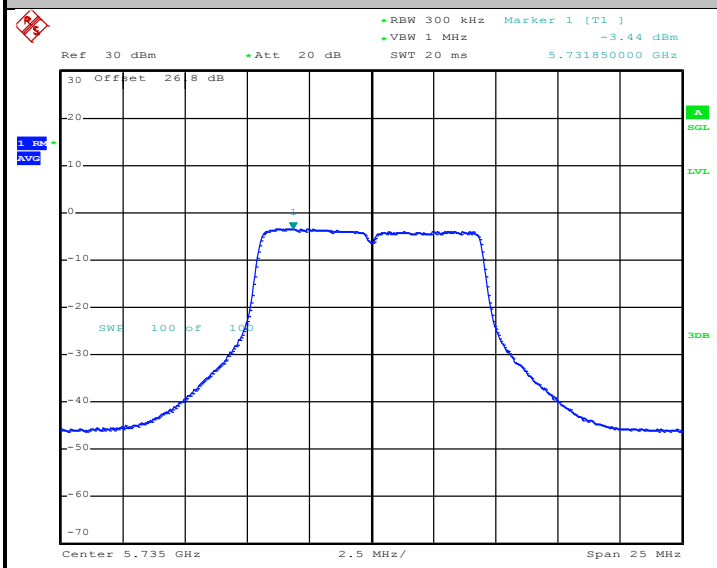
Worst Case Power Density (dBm/300kHz) for MIMO Ant. 1+2(1)



Worst Case Power Density (dBm/300kHz) for MIMO Ant. 1+2(2)



3.4 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part15.205.

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 per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table,

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

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

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
-17	78.3
- 27	68.3

(3) KDB 789033 D02 General UNII Test Procedures New Rules **v01r03** G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules **v01r03**. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

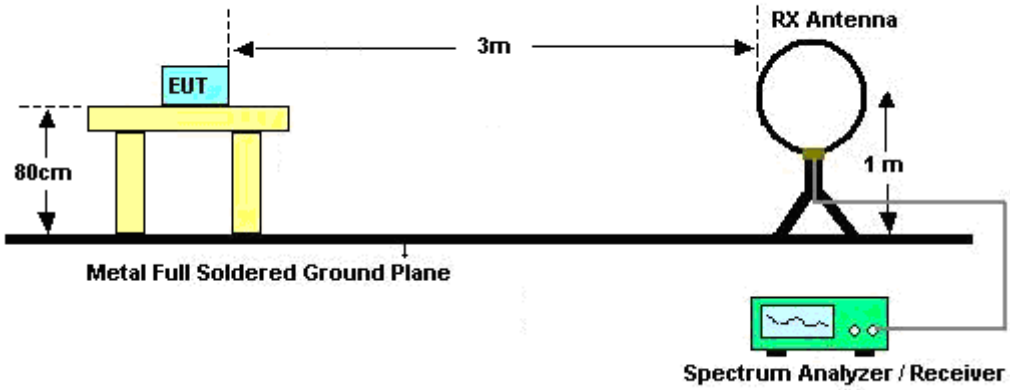
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

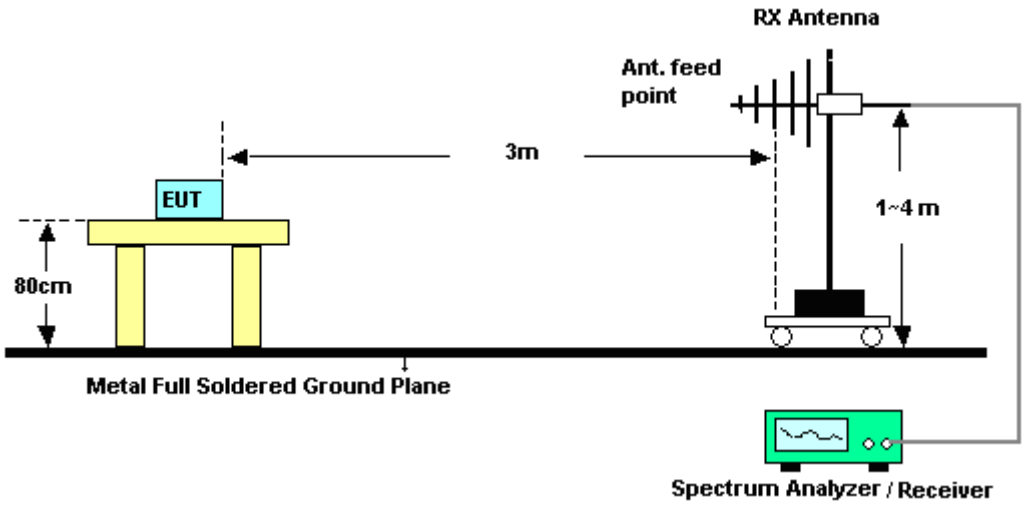
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

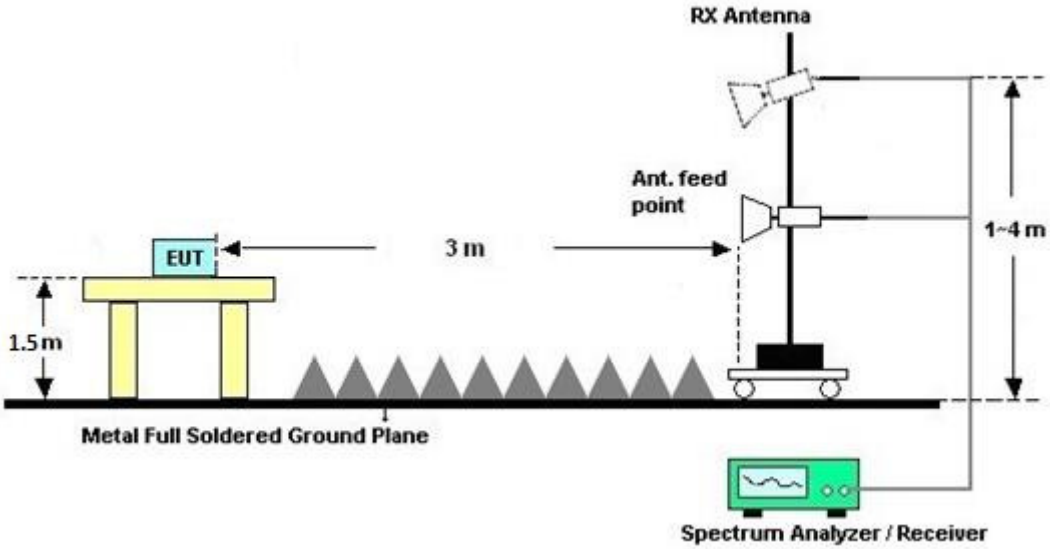
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

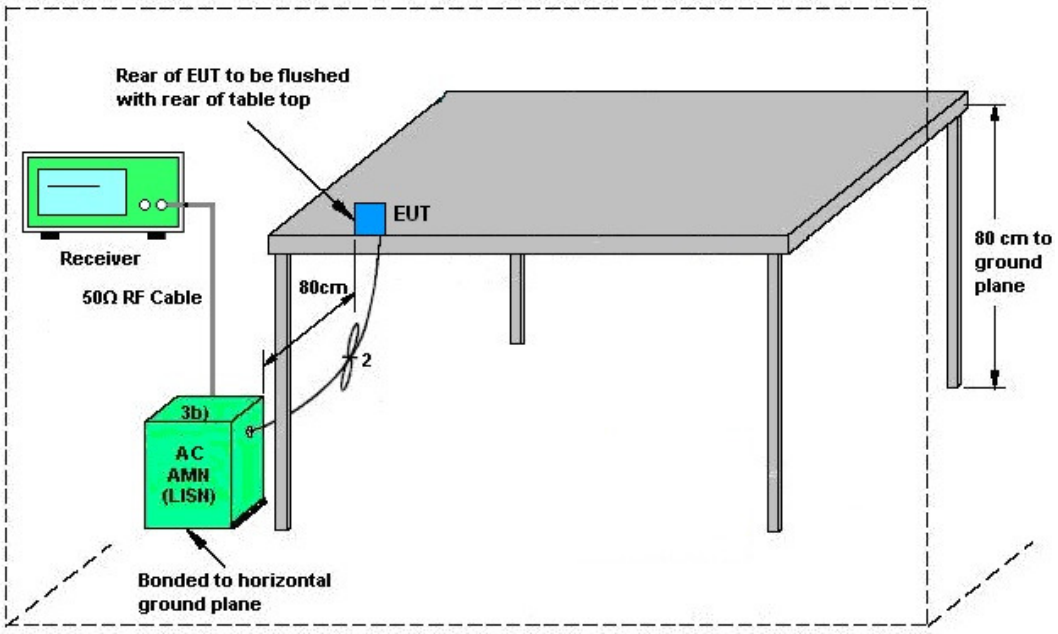
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 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 Frequency Stability Measurement

3.6.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
3. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

3.6.4 Test Setup

3.6.5 Test Result of Frequency Stability

Please refer to Appendix A.

3.7 Automatically Discontinue Transmission

3.7.1 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.

3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.7.3 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.

3.8 Antenna Requirements

3.8.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2) ,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.

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.8.3 Antenna Gain

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.

<PTP>

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band IV	14.00	14.00	14.00	17.01	0.00	0.00

<PTMP>

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band IV	14.00	14.00	14.00	17.01	8.00	11.01

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	300MHz~40GHz	Sep. 29, 2016	Feb. 23, 2017 ~ Feb. 24, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 29, 2016	Feb. 23, 2017 ~ Feb. 24, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Jul. 17, 2016	Feb. 23, 2017 ~ Feb. 24, 2017	Jul. 16, 2017	Conducted (TH05-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 01, 2016	Feb. 23, 2017 ~ Feb. 24, 2017	Aug. 31, 2017	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Feb. 17, 2017	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Feb. 17, 2017	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 29, 2016	Feb. 17, 2017	Nov. 28, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 06, 2016	Feb. 17, 2017	Dec. 05, 2017	Conduction (CO05-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 26, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Oct. 25, 2017	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35413&02	30MHz~1GHz	Jan. 07, 2017	Feb. 13, 2017 ~ Mar. 06, 2017	Jan. 06, 2018	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz ~ 18GHz	Sep. 30, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Sep. 29, 2017	Radiation (03CH10-HY)
Preamplifier	Keysight	83017A	MY53270078	1GHz~26.5GHz	Oct. 26, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Oct. 25, 2017	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz ~ 44GHz	Oct. 17, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Oct. 16, 2017	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Feb. 13, 2017 ~ Mar. 06, 2017	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Feb. 13, 2017 ~ Mar. 06, 2017	N/A	Radiation (03CH10-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Oct. 20, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Oct. 19, 2018	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JPA00101800-30-10P	1601180002	1GHz~18GHz	Jul. 27, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Jul. 26, 2017	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz ~ 40GHz	Apr. 15, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Apr. 14, 2017	Radiation (03CH10-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	N/A	Mar. 10, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Mar. 09, 2017	Radiation (03CH10-HY)
Preamplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	Feb. 13, 2017 ~ Mar. 06, 2017	Jun. 13, 2017	Radiation (03CH10-HY)
Preamplifier	MITEQ	AMF-7D-00101800	2025787	1GHZ~18GHZ	Feb. 13, 2017	Feb. 13, 2017 ~ Mar. 06, 2017	Feb. 12, 2018	Radiation (03CH10-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.7**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.9**

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

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

Appendix A. Conducted Test Results

<PTP>

Test Engineer:	Shiming Liu	Temperature:	21~25	°C
Test Date:	2017/2/23~2017/02/24	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	Ant 1	Ant 2	
VHT10	VHT0	2	147	5735	10.30	10.18	13.88	14.23	8.82	8.81	0.5		Pass
VHT10	VHT0	2	158	5790	10.25	10.23	14.30	13.75	8.80	8.80	0.5		Pass
VHT10	VHT0	2	168	5840	10.28	10.13	14.03	14.05	8.82	8.80	0.5		Pass
VHT20	VHT0	2	148	5740	18.85	18.55	25.20	24.50	17.56	17.50	0.5		Pass
VHT20	VHT0	2	158	5790	18.60	18.60	25.15	24.35	16.28	17.56	0.5		Pass
VHT20	VHT0	2	167	5835	18.65	18.65	25.20	24.75	17.56	17.52	0.5		Pass
VHT30	VHT0	2	149	5745	27.83	27.68	37.05	37.35	26.55	26.55	0.5		Pass
VHT30	VHT0	2	158	5790	27.60	27.68	37.58	36.90	26.52	26.58	0.5		Pass
VHT30	VHT0	2	166	5830	27.75	27.83	37.65	37.00	26.52	26.52	0.5		Pass
VHT40	VHT0	2	150	5750	36.90	36.80	46.00	46.70	36.28	36.32	0.5		Pass
VHT40	VHT0	2	158	5790	36.50	36.80	46.00	45.60	36.00	35.72	0.5		Pass
VHT40	VHT0	2	165	5825	36.70	36.70	44.90	44.20	36.04	35.12	0.5		Pass
VHT50	VHT0	2	151	5755	44.75	44.88	54.25	54.15	44.55	44.20	0.5		Pass
VHT50	VHT0	2	158	5790	44.88	44.88	54.85	54.13	44.30	43.80	0.5		Pass
VHT50	VHT0	2	164	5820	44.75	44.75	57.00	54.75	44.55	44.20	0.5		Pass
VHT60	VHT0	2	152	5760	55.35	55.20	67.95	68.40	54.90	54.83	0.5		Pass
VHT60	VHT0	2	158	5790	55.05	55.20	66.30	66.90	54.89	54.89	0.5		Pass
VHT60	VHT0	2	163	5815	55.35	55.20	67.35	69.45	54.54	54.82	0.5		Pass
VHT80	VHT0	2	154	5770	76.00	76.00	90.60	87.60	75.66	75.44	0.5		Pass
VHT80	VHT0	2	158	5790	76.00	76.00	88.60	86.80	75.68	75.64	0.5		Pass
VHT80	VHT0	2	161	5805	76.00	76.00	87.20	85.60	75.84	75.68	0.5		Pass

TEST RESULTS DATA
Average Power Table

Band IV															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	VHT0	2	147	5735	0.13	0.13	13.05	12.05	15.59	30.00		14.00			Pass
VHT10	VHT0	2	158	5790	0.13	0.13	10.85	10.48	13.68	30.00		14.00			Pass
VHT10	VHT0	2	168	5840	0.13	0.13	9.76	9.69	12.74	30.00		14.00			Pass
VHT20	VHT0	2	148	5740	0.20	0.26	13.11	12.26	15.72	30.00		14.00			Pass
VHT20	VHT0	2	158	5790	0.20	0.26	12.03	11.26	14.67	30.00		14.00			Pass
VHT20	VHT0	2	167	5835	0.20	0.26	9.85	9.90	12.89	30.00		14.00			Pass
VHT30	VHT0	2	149	5745	0.33	0.30	13.73	12.59	16.21	30.00		14.00			Pass
VHT30	VHT0	2	158	5790	0.33	0.30	12.42	11.58	15.03	30.00		14.00			Pass
VHT30	VHT0	2	166	5830	0.33	0.30	10.93	10.22	13.60	30.00		14.00			Pass
VHT40	VHT0	2	150	5750	0.43	0.40	14.49	13.85	17.19	30.00		14.00			Pass
VHT40	VHT0	2	158	5790	0.43	0.40	14.88	14.46	17.69	30.00		14.00			Pass
VHT40	VHT0	2	165	5825	0.43	0.40	15.58	15.49	18.55	30.00		14.00			Pass
VHT50	VHT0	2	151	5755	0.48	0.48	13.83	12.76	16.34	30.00		14.00			Pass
VHT50	VHT0	2	158	5790	0.48	0.48	14.03	13.47	16.77	30.00		14.00			Pass
VHT50	VHT0	2	164	5820	0.48	0.48	13.83	12.93	16.41	30.00		14.00			Pass
VHT60	VHT0	2	152	5760	0.66	0.59	14.63	12.49	16.70	30.00		14.00			Pass
VHT60	VHT0	2	158	5790	0.66	0.59	14.96	14.34	17.67	30.00		14.00			Pass
VHT60	VHT0	2	163	5815	0.66	0.59	14.22	14.13	17.18	30.00		14.00			Pass
VHT80	VHT0	2	154	5770	0.83	0.81	13.42	12.86	16.16	30.00		14.00			Pass
VHT80	VHT0	2	158	5790	0.83	0.81	13.78	13.33	16.57	30.00		14.00			Pass
VHT80	VHT0	2	161	5805	0.83	0.81	13.84	12.89	16.40	30.00		14.00			Pass

TEST RESULTS DATA
Power Spectral Density

Band IV																
Mod.	Data Rate	NTX	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	
VHT10	VHT0	2	147	5735	0.13	0.13	2.22				4.97	30.00		17.01		Pass
VHT10	VHT0	2	158	5790	0.13	0.13	2.22				3.06	30.00		17.01		Pass
VHT10	VHT0	2	168	5840	0.13	0.13	2.22				1.39	30.00		17.01		Pass
VHT20	VHT0	2	148	5740	0.20	0.26	2.22				2.10	30.00		17.01		Pass
VHT20	VHT0	2	158	5790	0.20	0.26	2.22				0.74	30.00		17.01		Pass
VHT20	VHT0	2	167	5835	0.20	0.26	2.22				-1.33	30.00		17.01		Pass
VHT30	VHT0	2	149	5745	0.33	0.30	2.22				-1.72	30.00		17.01		Pass
VHT30	VHT0	2	158	5790	0.33	0.30	2.22				-0.31	30.00		17.01		Pass
VHT30	VHT0	2	166	5830	0.33	0.30	2.22				-2.28	30.00		17.01		Pass
VHT40	VHT0	2	150	5750	0.43	0.40	2.22				0.16	30.00		17.01		Pass
VHT40	VHT0	2	158	5790	0.43	0.40	2.22				0.34	30.00		17.01		Pass
VHT40	VHT0	2	165	5825	0.43	0.40	2.22				1.70	30.00		17.01		Pass
VHT50	VHT0	2	151	5755	0.48	0.48	2.22				-0.34	30.00		17.01		Pass
VHT50	VHT0	2	158	5790	0.48	0.48	2.22				-0.13	30.00		17.01		Pass
VHT50	VHT0	2	164	5820	0.48	0.48	2.22				-1.17	30.00		17.01		Pass
VHT60	VHT0	2	152	5760	0.66	0.59	2.22				-1.51	30.00		17.01		Pass
VHT60	VHT0	2	158	5790	0.66	0.59	2.22				-0.92	30.00		17.01		Pass
VHT60	VHT0	2	163	5815	0.66	0.59	2.22				-1.59	30.00		17.01		Pass
VHT80	VHT0	2	154	5770	0.83	0.81	2.22				-3.68	30.00		17.01		Pass
VHT80	VHT0	2	158	5790	0.83	0.81	2.22				-3.72	30.00		17.01		Pass
VHT80	VHT0	2	161	5805	0.83	0.81	2.22				-3.40	30.00		17.01		Pass

TEST RESULTS DATA
Frequency Stability

Band IV										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
VHT10	VHT0	1	147	5735	5735.010	0.010	1.74	70	230	
VHT10	VHT0	1	147	5735	5734.980	-0.020	-3.49	-40	230	
VHT10	VHT0	1	147	5735	5734.980	-0.020	-3.49	20	253	
VHT10	VHT0	1	147	5735	5734.990	-0.010	-1.74	20	207	
VHT10	VHT0	1	147	5735	5734.970	-0.030	-5.23	20	230	

<PTMP>

Test Engineer:	Shiming Liu	Temperature:	21~25	°C
Test Date:	2017/2/23~2017/02/24	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	Ant 1	Ant 2	
VHT10	VHT0	2	147	5735	10.30	10.18	13.88	14.23	8.82	8.81	0.5		Pass
VHT10	VHT0	2	158	5790	10.25	10.23	14.30	13.75	8.80	8.80	0.5		Pass
VHT10	VHT0	2	168	5840	10.28	10.13	14.03	14.05	8.82	8.80	0.5		Pass
VHT20	VHT0	2	148	5740	18.85	18.55	25.20	24.50	17.56	17.50	0.5		Pass
VHT20	VHT0	2	158	5790	18.60	18.60	25.15	24.35	16.28	17.56	0.5		Pass
VHT20	VHT0	2	167	5835	18.65	18.65	25.20	24.75	17.56	17.52	0.5		Pass
VHT30	VHT0	2	149	5745	27.83	27.68	37.05	37.35	26.55	26.55	0.5		Pass
VHT30	VHT0	2	158	5790	27.60	27.68	37.58	36.90	26.52	26.58	0.5		Pass
VHT30	VHT0	2	166	5830	27.75	27.83	37.65	37.00	26.52	26.52	0.5		Pass
VHT40	VHT0	2	150	5750	36.90	36.80	46.00	46.70	36.28	36.32	0.5		Pass
VHT40	VHT0	2	158	5790	36.50	36.80	46.00	45.60	36.00	35.72	0.5		Pass
VHT40	VHT0	2	165	5825	36.70	36.70	44.90	44.20	36.04	35.12	0.5		Pass
VHT50	VHT0	2	151	5755	44.75	44.88	54.25	54.15	44.55	44.20	0.5		Pass
VHT50	VHT0	2	158	5790	44.88	44.88	54.85	54.13	44.30	43.80	0.5		Pass
VHT50	VHT0	2	164	5820	44.75	44.75	57.00	54.75	44.55	44.20	0.5		Pass
VHT60	VHT0	2	152	5760	55.35	55.20	67.95	68.40	54.90	54.83	0.5		Pass
VHT60	VHT0	2	158	5790	55.05	55.20	66.30	66.90	54.89	54.89	0.5		Pass
VHT60	VHT0	2	163	5815	55.35	55.20	67.35	69.45	54.54	54.82	0.5		Pass
VHT80	VHT0	2	154	5770	76.00	76.00	90.60	87.60	75.66	75.44	0.5		Pass
VHT80	VHT0	2	158	5790	76.00	76.00	88.60	86.80	75.68	75.64	0.5		Pass
VHT80	VHT0	2	161	5805	76.00	76.00	87.20	85.60	75.84	75.68	0.5		Pass

TEST RESULTS DATA
Average Power Table

Band IV															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	VHT0	2	147	5735	0.13	0.13	13.05	12.05	15.59	22.00		14.00			Pass
VHT10	VHT0	2	158	5790	0.13	0.13	10.85	10.48	13.68	22.00		14.00			Pass
VHT10	VHT0	2	168	5840	0.13	0.13	9.76	9.69	12.74	22.00		14.00			Pass
VHT20	VHT0	2	148	5740	0.20	0.26	13.11	12.26	15.72	22.00		14.00			Pass
VHT20	VHT0	2	158	5790	0.20	0.26	12.03	11.26	14.67	22.00		14.00			Pass
VHT20	VHT0	2	167	5835	0.20	0.26	9.85	9.90	12.89	22.00		14.00			Pass
VHT30	VHT0	2	149	5745	0.33	0.30	13.73	12.59	16.21	22.00		14.00			Pass
VHT30	VHT0	2	158	5790	0.33	0.30	12.42	11.58	15.03	22.00		14.00			Pass
VHT30	VHT0	2	166	5830	0.33	0.30	10.93	10.22	13.60	22.00		14.00			Pass
VHT40	VHT0	2	150	5750	0.43	0.40	14.49	13.85	17.19	22.00		14.00			Pass
VHT40	VHT0	2	158	5790	0.43	0.40	14.88	14.46	17.69	22.00		14.00			Pass
VHT40	VHT0	2	165	5825	0.43	0.40	15.58	15.49	18.55	22.00		14.00			Pass
VHT50	VHT0	2	151	5755	0.48	0.48	13.83	12.76	16.34	22.00		14.00			Pass
VHT50	VHT0	2	158	5790	0.48	0.48	14.03	13.47	16.77	22.00		14.00			Pass
VHT50	VHT0	2	164	5820	0.48	0.48	13.83	12.93	16.41	22.00		14.00			Pass
VHT60	VHT0	2	152	5760	0.66	0.59	14.63	12.49	16.70	22.00		14.00			Pass
VHT60	VHT0	2	158	5790	0.66	0.59	14.96	14.34	17.67	22.00		14.00			Pass
VHT60	VHT0	2	163	5815	0.66	0.59	14.22	14.13	17.18	22.00		14.00			Pass
VHT80	VHT0	2	154	5770	0.83	0.81	13.42	12.86	16.16	22.00		14.00			Pass
VHT80	VHT0	2	158	5790	0.83	0.81	13.78	13.33	16.57	22.00		14.00			Pass
VHT80	VHT0	2	161	5805	0.83	0.81	13.84	12.89	16.40	22.00		14.00			Pass

TEST RESULTS DATA
Power Spectral Density

Band IV																
Mod.	Data Rate	NTX	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	
VHT10	VHT0	2	147	5735	0.13	0.13	2.22				4.97	18.99		17.01		Pass
VHT10	VHT0	2	158	5790	0.13	0.13	2.22				3.06	18.99		17.01		Pass
VHT10	VHT0	2	168	5840	0.13	0.13	2.22				1.39	18.99		17.01		Pass
VHT20	VHT0	2	148	5740	0.20	0.26	2.22				2.10	18.99		17.01		Pass
VHT20	VHT0	2	158	5790	0.20	0.26	2.22				0.74	18.99		17.01		Pass
VHT20	VHT0	2	167	5835	0.20	0.26	2.22				-1.33	18.99		17.01		Pass
VHT30	VHT0	2	149	5745	0.33	0.30	2.22				-1.72	18.99		17.01		Pass
VHT30	VHT0	2	158	5790	0.33	0.30	2.22				-0.31	18.99		17.01		Pass
VHT30	VHT0	2	166	5830	0.33	0.30	2.22				-2.28	18.99		17.01		Pass
VHT40	VHT0	2	150	5750	0.43	0.40	2.22				0.16	18.99		17.01		Pass
VHT40	VHT0	2	158	5790	0.43	0.40	2.22				0.34	18.99		17.01		Pass
VHT40	VHT0	2	165	5825	0.43	0.40	2.22				1.70	18.99		17.01		Pass
VHT50	VHT0	2	151	5755	0.48	0.48	2.22				-0.34	18.99		17.01		Pass
VHT50	VHT0	2	158	5790	0.48	0.48	2.22				-0.13	18.99		17.01		Pass
VHT50	VHT0	2	164	5820	0.48	0.48	2.22				-1.17	18.99		17.01		Pass
VHT60	VHT0	2	152	5760	0.66	0.59	2.22				-1.51	18.99		17.01		Pass
VHT60	VHT0	2	158	5790	0.66	0.59	2.22				-0.92	18.99		17.01		Pass
VHT60	VHT0	2	163	5815	0.66	0.59	2.22				-1.59	18.99		17.01		Pass
VHT80	VHT0	2	154	5770	0.83	0.81	2.22				-3.68	18.99		17.01		Pass
VHT80	VHT0	2	158	5790	0.83	0.81	2.22				-3.72	18.99		17.01		Pass
VHT80	VHT0	2	161	5805	0.83	0.81	2.22				-3.40	18.99		17.01		Pass

TEST RESULTS DATA
Frequency Stability

Band IV										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
VHT10	VHT0	1	147	5735	5735.010	0.010	1.74	70	230	
VHT10	VHT0	1	147	5735	5734.980	-0.020	-3.49	-40	230	
VHT10	VHT0	1	147	5735	5734.980	-0.020	-3.49	20	253	
VHT10	VHT0	1	147	5735	5734.990	-0.010	-1.74	20	207	
VHT10	VHT0	1	147	5735	5734.970	-0.030	-5.23	20	230	

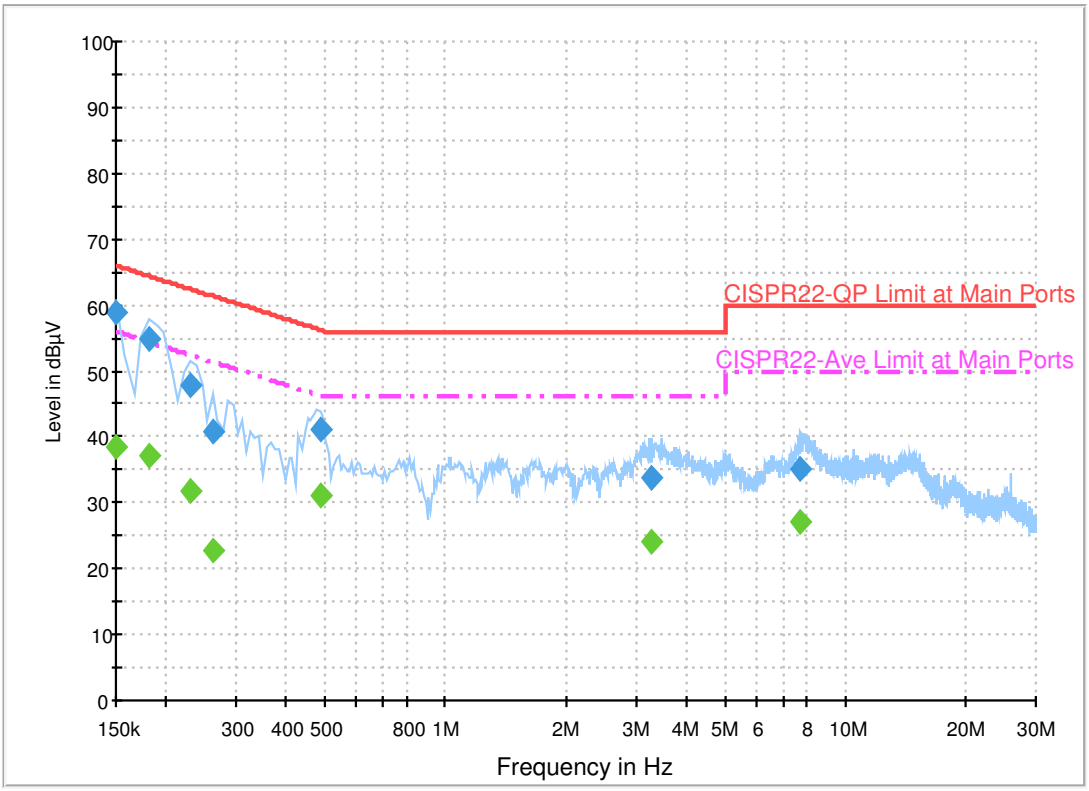
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Arthur Hsieh	**Temperature :**	20~22℃
		Relative Humidity :	50~53%

EUT Information

Report NO :	6N2223-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

ENV216 Auto Test FCC Power Bar - L



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	58.8	Off	L1	19.6	7.2	66.0
0.182000	54.9	Off	L1	19.6	9.5	64.4
0.230000	47.8	Off	L1	19.6	14.6	62.4
0.262000	40.7	Off	L1	19.6	20.7	61.4
0.486000	41.1	Off	L1	19.6	15.1	56.2
3.286000	33.9	Off	L1	19.6	22.1	56.0
7.750000	35.1	Off	L1	19.9	24.9	60.0

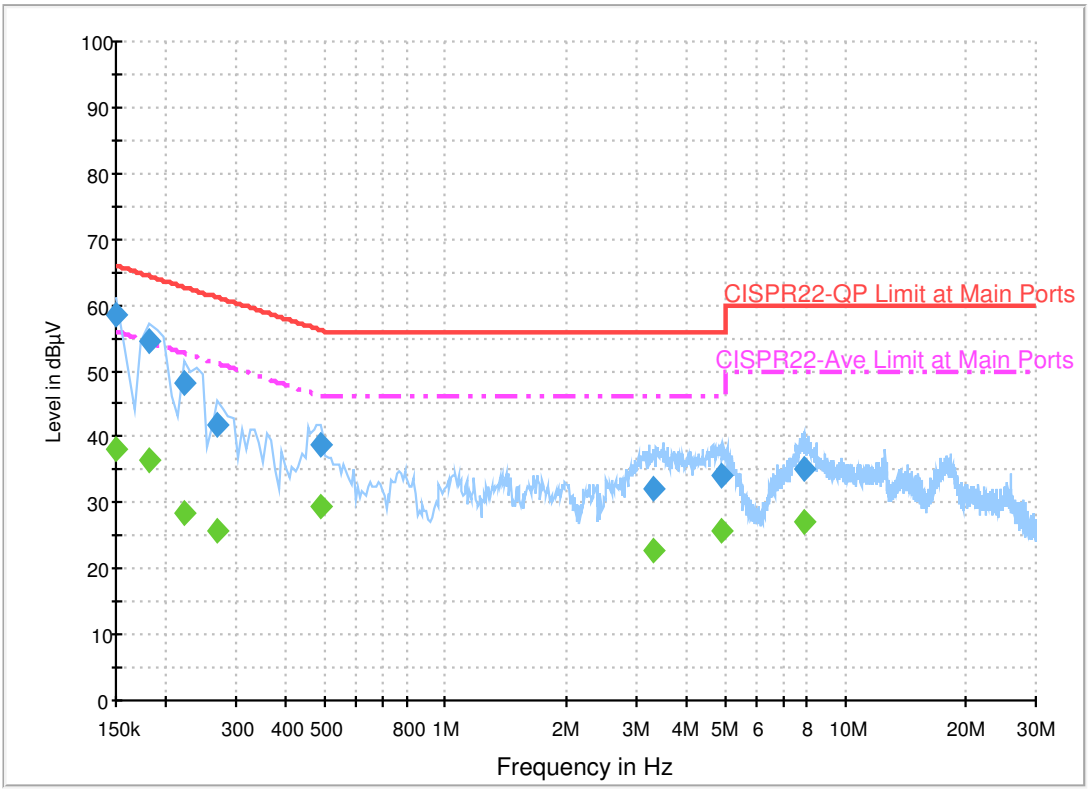
Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	38.4	Off	L1	19.6	17.6	56.0
0.182000	37.1	Off	L1	19.6	17.3	54.4
0.230000	31.7	Off	L1	19.6	20.7	52.4
0.262000	22.7	Off	L1	19.6	28.7	51.4
0.486000	31.2	Off	L1	19.6	15.0	46.2
3.286000	24.2	Off	L1	19.6	21.8	46.0
7.750000	27.0	Off	L1	19.9	23.0	50.0

EUT Information

Report NO :	6N2223-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

ENV216 Auto Test FCC Power Bar - N



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	58.7	Off	N	19.5	7.3	66.0
0.182000	54.6	Off	N	19.5	9.8	64.4
0.222000	48.2	Off	N	19.5	14.5	62.7
0.270000	41.9	Off	N	19.5	19.2	61.1
0.486000	38.9	Off	N	19.5	17.3	56.2
3.302000	32.2	Off	N	19.6	23.8	56.0
4.902000	34.3	Off	N	19.7	21.7	56.0
7.894000	35.2	Off	N	19.9	24.8	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	38.3	Off	N	19.5	17.7	56.0
0.182000	36.6	Off	N	19.5	17.8	54.4
0.222000	28.3	Off	N	19.5	24.4	52.7
0.270000	25.6	Off	N	19.5	25.5	51.1
0.486000	29.6	Off	N	19.5	16.6	46.2
3.302000	22.6	Off	N	19.6	23.4	46.0
4.902000	25.8	Off	N	19.7	20.2	46.0
7.894000	27.2	Off	N	19.9	22.8	50.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Tsung Lee, Stan Hsieh, and Kyle Chuang	Temperature :	22~24°C
		Relative Humidity :	46~48%

Band 4 - 5725~5850MHz

WIFI 802.11ac VHT10 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	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)
		5616.4	58.27	-9.93	68.2	50.17	32.47	8.23	32.6	199	178	P	H
		5657.4	57.12	-16.58	73.7	48.98	32.49	8.27	32.62	199	178	P	H
		5719	60.16	-50.36	110.52	51.97	32.53	8.3	32.64	199	178	P	H
		5725	68.8	-53.4	122.2	60.58	32.53	8.33	32.64	199	178	P	H
		5116	54.01	-19.99	74	46.64	31.94	7.96	32.53	199	178	P	H
		5116	45.15	-8.85	54	37.78	31.94	7.96	32.53	199	178	A	H
		5416	61.8	-12.2	74	53.76	32.3	8.29	32.55	199	178	P	H
		5416	51.95	-2.05	54	43.91	32.3	8.29	32.55	199	178	A	H
	*	5735	115.89	-	-	107.67	32.54	8.33	32.65	199	178	P	H
802.11ac	*	5735	110.01	-	-	101.79	32.54	8.33	32.65	199	178	A	H
VTH10		5617.8	59.06	-9.14	68.2	50.96	32.47	8.23	32.6	206	181	P	V
CH 147		5682.6	59.96	-32.4	92.36	51.79	32.5	8.3	32.63	206	181	P	V
5735MHz		5720	60.62	-50.18	110.8	52.43	32.53	8.3	32.64	206	181	P	V
		5724.6	68.97	-52.32	121.29	60.75	32.53	8.33	32.64	206	181	P	V
		4504	45.15	-28.85	74	39.56	30.8	7.4	32.61	215	178	P	V
		4504	42.13	-11.87	54	36.54	30.8	7.4	32.61	215	178	A	V
		5086	57.79	-16.21	74	50.46	31.9	7.96	32.53	206	181	P	V
		5086	47.64	-6.36	54	40.31	31.9	7.96	32.53	206	181	A	V
		5356	59.73	-14.27	74	51.82	32.22	8.23	32.54	206	181	P	V
		5356	50.14	-3.86	54	42.23	32.22	8.23	32.54	206	181	A	V
	*	5735	117.11	-	-	108.89	32.54	8.33	32.65	206	181	P	V
	*	5735	110.79	-	-	102.57	32.54	8.33	32.65	206	181	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5612.2	57.88	-10.32	68.2	49.79	32.46	8.23	32.6	203	181	P	H
		5654.2	57.61	-13.71	71.32	49.47	32.49	8.27	32.62	203	181	P	H
		5702.4	55.54	-50.33	105.87	47.35	32.52	8.3	32.63	203	181	P	H
		5724.6	55.94	-65.35	121.29	47.72	32.53	8.33	32.64	203	181	P	H
		5098	54.55	-19.45	74	47.2	31.92	7.96	32.53	203	181	P	H
		5098	45.67	-8.33	54	38.32	31.92	7.96	32.53	203	181	A	H
		5416	60.17	-13.83	74	52.13	32.3	8.29	32.55	203	181	P	H
		5416	50.71	-3.29	54	42.67	32.3	8.29	32.55	203	181	A	H
	*	5790	114.1	-	-	105.84	32.58	8.35	32.67	203	181	P	H
	*	5790	108.6	-	-	100.34	32.58	8.35	32.67	203	181	A	H
		5853.8	52.45	-61.09	113.54	44.09	32.62	8.43	32.69	203	181	P	H
		5860.2	54.78	-54.56	109.34	46.43	32.62	8.43	32.7	203	181	P	H
		5879	54.55	-47.68	102.23	46.19	32.63	8.43	32.7	203	181	P	H
802.11ac		5937.2	51.47	-16.73	68.2	43.03	32.66	8.51	32.73	203	181	P	H
VTH10		5628.8	56.49	-11.71	68.2	48.4	32.47	8.23	32.61	197	182	P	V
CH 158		5676.2	57.1	-30.53	87.63	48.95	32.5	8.27	32.62	197	182	P	V
5790MHz		5711.6	57.55	-50.9	108.45	49.37	32.52	8.3	32.64	197	182	P	V
		5723	54.99	-62.65	117.64	46.77	32.53	8.33	32.64	197	182	P	V
		4558	44.34	-29.66	74	38.55	30.9	7.49	32.6	196	178	P	V
		4558	41.95	-12.05	54	36.16	30.9	7.49	32.6	196	178	A	V
		5134	54.89	-19.11	74	47.53	31.96	7.94	32.54	197	182	P	V
		5134	45.27	-8.73	54	37.91	31.96	7.94	32.54	197	182	A	V
		5362	56.81	-17.19	74	48.82	32.24	8.29	32.54	197	182	P	V
		5362	46.87	-7.13	54	38.88	32.24	8.29	32.54	197	182	A	V
	*	5790	116.78	-	-	108.52	32.58	8.35	32.67	197	182	P	V
	*	5790	108.7	-	-	100.44	32.58	8.35	32.67	197	182	A	V
		5850	55.66	-66.54	122.2	47.31	32.61	8.43	32.69	197	182	P	V
		5866.8	53.65	-53.84	107.49	45.3	32.62	8.43	32.7	197	182	P	V
		5902.2	54	-31.03	85.03	45.6	32.64	8.47	32.71	197	182	P	V
		5929.2	53.08	-15.12	68.2	44.63	32.66	8.51	32.72	197	182	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5158	55.88	-12.32	68.2	48.48	32	7.94	32.54	200	179	P	H
		5158	47.52	-6.48	54	40.12	32	7.94	32.54	200	179	A	H
		5356	60.51	-13.49	74	52.6	32.22	8.23	32.54	200	179	P	H
		5356	50.69	-3.31	54	42.78	32.22	8.23	32.54	200	179	A	H
	*	5840	114.34	-	-	106.03	32.61	8.39	32.69	200	179	P	H
	*	5840	107.55	-	-	99.24	32.61	8.39	32.69	200	179	A	H
		5850.8	63.14	-57.24	120.38	54.79	32.61	8.43	32.69	200	179	P	H
		5856.2	55.16	-55.3	110.46	46.8	32.62	8.43	32.69	200	179	P	H
		5881.8	54	-46.15	100.15	45.6	32.63	8.47	32.7	200	179	P	H
802.11ac		5926.2	52.43	-15.77	68.2	43.98	32.66	8.51	32.72	200	179	P	H
VTH10		4612	45.68	-28.32	74	39.7	31.01	7.56	32.59	196	321	P	V
CH 168		4612	46.04	-7.96	54	40.06	31.01	7.56	32.59	196	321	A	V
5840MHz		5128	54.4	-19.6	74	47.04	31.96	7.94	32.54	199	182	P	V
		5128	45.37	-8.63	54	38.01	31.96	7.94	32.54	199	182	A	V
		5362	56.69	-17.31	74	48.7	32.24	8.29	32.54	199	182	P	V
		5362	46.98	-7.02	54	38.99	32.24	8.29	32.54	199	182	A	V
	*	5840	113.7	-	-	105.39	32.61	8.39	32.69	199	182	P	V
	*	5840	107.58	-	-	99.27	32.61	8.39	32.69	199	182	A	V
		5850	64.88	-57.32	122.2	56.53	32.61	8.43	32.69	199	182	P	V
		5855.6	57.8	-52.83	110.63	49.44	32.62	8.43	32.69	199	182	P	V
		5883.4	55.02	-43.94	98.96	46.63	32.63	8.47	32.71	199	182	P	V
		5942	54.22	-13.98	68.2	45.77	32.67	8.51	32.73	199	182	P	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 VHT10 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11470	42.73	-31.27	74	52.06	40.02	12.56	61.91	100	0	P	H
		17205	44.31	-23.89	68.2	49.12	40.96	15.61	61.38	100	0	P	H
802.11ac													H
VTH10													H
CH 147		11470	44.04	-29.96	74	53.37	40.02	12.56	61.91	100	0	P	V
5735MHz		17205	44.63	-23.57	68.2	49.44	40.96	15.61	61.38	100	0	P	V
													V
													V
		11580	42.82	-31.18	74	52.17	39.88	12.66	61.89	100	0	P	H
		17370	45.67	-22.53	68.2	49.73	41.43	15.79	61.28	100	0	P	H
802.11ac													H
VTH10													H
CH 158		11580	43.79	-30.21	74	53.14	39.88	12.66	61.89	100	0	P	V
5790MHz		17370	45.71	-22.49	68.2	49.77	41.43	15.79	61.28	100	0	P	V
													V
													V
		11680	42.6	-31.4	74	52.01	39.69	12.77	61.87	100	0	P	H
		17520	46.54	-21.66	68.2	49.75	42.03	15.94	61.18	100	0	P	H
802.11ac													H
VTH10													H
CH 168		11680	43.27	-30.73	74	52.68	39.69	12.77	61.87	100	0	P	V
5840MHz		17520	46.99	-21.21	68.2	50.2	42.03	15.94	61.18	100	0	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5639	58.97	-9.23	68.2	50.87	32.48	8.23	32.61	200	179	P	H
		5656.2	57.75	-15.06	72.81	49.61	32.49	8.27	32.62	200	179	P	H
		5718	63.19	-47.05	110.24	55	32.53	8.3	32.64	200	179	P	H
		5724	69.47	-50.45	119.92	61.25	32.53	8.33	32.64	200	179	P	H
		5146	54.64	-19.36	74	47.26	31.98	7.94	32.54	200	179	P	H
		5146	47.69	-6.31	54	40.31	31.98	7.94	32.54	200	179	A	H
		5380	60.34	-13.66	74	52.34	32.26	8.29	32.55	200	179	P	H
		5380	52.88	-1.12	54	44.88	32.26	8.29	32.55	200	179	A	H
	*	5740	113.46	-	-	105.24	32.54	8.33	32.65	200	179	P	H
802.11ac	*	5740	107.32	-	-	99.1	32.54	8.33	32.65	200	179	A	H
VHT20		5611.6	60.37	-7.83	68.2	52.28	32.46	8.23	32.6	201	181	P	V
CH 148		5661	60.93	-15.44	76.37	52.79	32.49	8.27	32.62	201	181	P	V
5740MHz		5719.4	64.84	-45.79	110.63	56.65	32.53	8.3	32.64	201	181	P	V
		5724.8	75.91	-45.83	121.74	67.69	32.53	8.33	32.64	201	181	P	V
		4510	45.56	-28.44	74	39.97	30.8	7.4	32.61	201	181	P	V
		4510	40.51	-13.49	54	34.92	30.8	7.4	32.61	201	181	A	V
		5149.99	57.65	-16.35	74	50.27	31.98	7.94	32.54	201	181	P	V
		5149.99	48.76	-5.24	54	41.38	31.98	7.94	32.54	201	181	A	V
		5422	60.17	-13.83	74	52.13	32.3	8.29	32.55	201	181	P	V
		5422	50.6	-3.4	54	42.56	32.3	8.29	32.55	201	181	A	V
	*	5740	114.34	-	-	106.12	32.54	8.33	32.65	201	181	P	V
	*	5740	108.01	-	-	99.79	32.54	8.33	32.65	201	181	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5618.2	59.55	-8.65	68.2	51.45	32.47	8.23	32.6	201	179	P	H
		5665.6	57.64	-22.14	79.78	49.5	32.49	8.27	32.62	201	179	P	H
		5717.4	56.62	-53.45	110.07	48.44	32.52	8.3	32.64	201	179	P	H
		5720.4	57.51	-54.2	111.71	49.32	32.53	8.3	32.64	201	179	P	H
		5044	55.35	-18.65	74	48.03	31.86	7.99	32.53	201	179	P	H
		5044	46.86	-7.14	54	39.54	31.86	7.99	32.53	201	179	A	H
		5380	60.95	-13.05	74	52.95	32.26	8.29	32.55	201	179	P	H
		5380	53.67	-0.33	54	45.67	32.26	8.29	32.55	201	179	A	H
	*	5790	114.23	-	-	105.97	32.58	8.35	32.67	201	179	P	H
	*	5790	106.42	-	-	98.16	32.58	8.35	32.67	201	179	A	H
		5854	54.47	-58.61	113.08	46.11	32.62	8.43	32.69	201	179	P	H
		5861.4	53.97	-55.04	109.01	45.62	32.62	8.43	32.7	201	179	P	H
		5877.6	55.25	-48.02	103.27	46.89	32.63	8.43	32.7	201	179	P	H
802.11ac		5925.6	53.66	-14.54	68.2	45.21	32.66	8.51	32.72	201	179	P	H
VHT20		5600.4	56.11	-12.09	68.2	48.04	32.46	8.2	32.59	201	180	P	V
CH 158		5651.4	56.91	-12.33	69.24	48.76	32.49	8.27	32.61	201	180	P	V
5790MHz		5712.2	57.6	-51.02	108.62	49.42	32.52	8.3	32.64	201	180	P	V
		5723.8	56.88	-62.58	119.46	48.66	32.53	8.33	32.64	201	180	P	V
		4564	46.27	-27.73	74	40.35	30.94	7.58	32.6	228	339	P	V
		4564	41.53	-12.47	54	35.61	30.94	7.58	32.6	228	339	A	V
		5149.99	55.58	-18.42	74	48.2	31.98	7.94	32.54	201	180	P	V
		5149.99	45.74	-8.26	54	38.36	31.98	7.94	32.54	201	180	A	V
		5350	58.16	-10.04	68.2	50.25	32.22	8.23	32.54	201	180	P	V
		5350	47.03	-6.97	54	39.12	32.22	8.23	32.54	201	180	A	V
	*	5790	113.56	-	-	105.3	32.58	8.35	32.67	201	180	P	V
	*	5790	106.46	-	-	98.2	32.58	8.35	32.67	201	180	A	V
		5851.8	56.32	-61.78	118.1	47.97	32.61	8.43	32.69	201	180	P	V
		5874.85	55.99	-49.25	105.24	47.63	32.63	8.43	32.7	201	180	P	V
		5875	55.99	-49.21	105.2	47.63	32.63	8.43	32.7	201	180	P	V
		5938.8	53.13	-15.07	68.2	44.68	32.67	8.51	32.73	201	180	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5056	53.37	-20.63	74	46.03	31.88	7.99	32.53	198	180	P	H
		5056	44.68	-9.32	54	37.34	31.88	7.99	32.53	198	180	A	H
		5452	59.76	-14.24	74	51.68	32.34	8.29	32.55	198	180	P	H
		5452	50.69	-3.31	54	42.61	32.34	8.29	32.55	198	180	A	H
	*	5835	111.05	-	-	102.75	32.6	8.39	32.69	198	180	P	H
	*	5835	104.67	-	-	96.37	32.6	8.39	32.69	198	180	A	H
		5850	69.95	-52.25	122.2	61.6	32.61	8.43	32.69	198	180	P	H
		5856	59.32	-51.2	110.52	50.96	32.62	8.43	32.69	198	180	P	H
		5888.2	53.88	-41.52	95.4	45.48	32.64	8.47	32.71	198	180	P	H
802.11ac		5933	53.08	-15.12	68.2	44.63	32.66	8.51	32.72	198	180	P	H
VHT20		4606	46.45	-27.55	74	40.47	31.01	7.56	32.59	255	340	P	V
CH 167		4606	47.01	-6.99	54	41.03	31.01	7.56	32.59	255	340	A	V
5835MHz		5140	54.06	-19.94	74	46.68	31.98	7.94	32.54	184	182	P	V
		5140	45.87	-8.13	54	38.49	31.98	7.94	32.54	184	182	A	V
		5410	56.45	-17.55	74	48.43	32.28	8.29	32.55	184	182	P	V
		5410	46.93	-7.07	54	38.91	32.28	8.29	32.55	184	182	A	V
	*	5835	110.34	-	-	102.04	32.6	8.39	32.69	184	182	P	V
	*	5835	104.55	-	-	96.25	32.6	8.39	32.69	184	182	A	V
		5850	70.37	-51.83	122.2	62.02	32.61	8.43	32.69	184	182	P	V
		5855	60.31	-50.49	110.8	51.95	32.62	8.43	32.69	184	182	P	V
		5877	54.93	-48.78	103.71	46.57	32.63	8.43	32.7	184	182	P	V
		5926.6	53.96	-14.24	68.2	45.51	32.66	8.51	32.72	184	182	P	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 VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11480	42.17	-31.83	74	51.48	40.02	12.58	61.91	100	0	P	H
		17220	44.58	-23.62	68.2	49.33	41.01	15.61	61.37	100	0	P	H
802.11ac													H
VHT20													H
CH 148		11480	43.49	-30.51	74	52.8	40.02	12.58	61.91	100	0	P	V
5740MHz		17220	45.62	-22.58	68.2	50.37	41.01	15.61	61.37	100	0	P	V
													V
													V
		11580	42.88	-31.12	74	52.23	39.88	12.66	61.89	100	0	P	H
		17370	45.62	-22.58	68.2	49.68	41.43	15.79	61.28	100	0	P	H
802.11ac													H
VHT20													H
CH 158		11580	42.76	-31.24	74	52.11	39.88	12.66	61.89	100	0	P	V
5790MHz		17370	45.37	-22.83	68.2	49.43	41.43	15.79	61.28	100	0	P	V
													V
													V
		11670	42.48	-31.52	74	51.93	39.69	12.73	61.87	100	0	P	H
		17505	46.29	-21.91	68.2	49.76	41.8	15.93	61.2	100	0	P	H
802.11ac													H
VHT20													H
CH 167		11670	42.19	-31.81	74	51.64	39.69	12.73	61.87	100	0	P	V
5835MHz		17505	46.17	-22.03	68.2	49.64	41.8	15.93	61.2	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 VHT30 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5622.2	57.43	-10.77	68.2	49.33	32.47	8.23	32.6	200	181	P	H
		5698	57.44	-46.29	103.73	49.26	32.51	8.3	32.63	200	181	P	H
		5720	68.82	-41.98	110.8	60.63	32.53	8.3	32.64	200	181	P	H
		5723.8	75.78	-43.68	119.46	67.56	32.53	8.33	32.64	200	181	P	H
		5110	55.1	-18.9	74	47.73	31.94	7.96	32.53	200	181	P	H
		5110	47.37	-6.63	54	40	31.94	7.96	32.53	200	181	A	H
		5416	61.48	-12.52	74	53.44	32.3	8.29	32.55	200	181	P	H
		5416	53.72	-0.28	54	45.68	32.3	8.29	32.55	200	181	A	H
	*	5745	111.87	-	-	103.65	32.54	8.33	32.65	200	181	P	H
	*	5745	106.21	-	-	97.99	32.54	8.33	32.65	200	181	A	H
		5854	55.12	-57.96	113.08	46.76	32.62	8.43	32.69	200	181	P	H
		5867	53.65	-53.79	107.44	45.3	32.62	8.43	32.7	200	181	P	H
		5887	53.43	-42.86	96.29	45.04	32.63	8.47	32.71	200	181	P	H
802.11ac		5932	52.32	-15.88	68.2	43.87	32.66	8.51	32.72	200	181	P	H
VHT30		5644.6	60.05	-8.15	68.2	51.91	32.48	8.27	32.61	203	181	P	V
CH 149		5693.6	60.37	-40.11	100.48	52.19	32.51	8.3	32.63	203	181	P	V
5745MHz		5720	68.64	-42.16	110.8	60.45	32.53	8.3	32.64	203	181	P	V
		5724.6	79.52	-41.77	121.29	71.3	32.53	8.33	32.64	203	181	P	V
		4546	51.75	-22.25	74	45.96	30.9	7.49	32.6	242	182	P	V
		4546	45.77	-8.23	54	39.98	30.9	7.49	32.6	242	182	A	V
		5098	55.88	-18.12	74	48.53	31.92	7.96	32.53	203	181	P	V
		5098	48.2	-5.8	54	40.85	31.92	7.96	32.53	203	181	A	V
		5362	59.94	-14.06	74	51.95	32.24	8.29	32.54	203	181	P	V
		5362	50.66	-3.34	54	42.67	32.24	8.29	32.54	203	181	A	V
	*	5745	112.13	-	-	103.91	32.54	8.33	32.65	203	181	P	V
	*	5745	107.02	-	-	98.8	32.54	8.33	32.65	203	181	A	V
		5851.6	57.94	-60.61	118.55	49.59	32.61	8.43	32.69	203	181	P	V
		5872.4	59.39	-46.54	105.93	51.03	32.63	8.43	32.7	203	181	P	V
		5891	56	-37.33	93.33	47.6	32.64	8.47	32.71	203	181	P	V
		5941	55.58	-12.62	68.2	47.13	32.67	8.51	32.73	203	181	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5607.4	58.92	-9.28	68.2	50.83	32.46	8.23	32.6	201	180	P	H
		5662.8	58.03	-19.67	77.7	49.89	32.49	8.27	32.62	201	180	P	H
		5718.6	57.73	-52.68	110.41	49.54	32.53	8.3	32.64	201	180	P	H
		5721.4	57.56	-56.43	113.99	49.37	32.53	8.3	32.64	201	180	P	H
		5068	55.93	-18.07	74	48.59	31.88	7.99	32.53	201	180	P	H
		5068	45.96	-8.04	54	38.62	31.88	7.99	32.53	201	180	A	H
		5386	61.19	-12.81	74	53.19	32.26	8.29	32.55	201	180	P	H
		5386	52.53	-1.47	54	44.53	32.26	8.29	32.55	201	180	A	H
	*	5790	110.94	-	-	102.68	32.58	8.35	32.67	201	180	P	H
	*	5790	105.28	-	-	97.02	32.58	8.35	32.67	201	180	A	H
		5852.4	53.58	-63.15	116.73	45.23	32.61	8.43	32.69	201	180	P	H
		5869.4	53.95	-52.82	106.77	45.6	32.62	8.43	32.7	201	180	P	H
		5901.8	54.85	-30.48	85.33	46.45	32.64	8.47	32.71	201	180	P	H
802.11ac		5933.2	53.32	-14.88	68.2	44.87	32.66	8.51	32.72	201	180	P	H
VHT30		5638.8	57.71	-10.49	68.2	49.61	32.48	8.23	32.61	205	182	P	V
CH 158		5664.2	58.14	-20.6	78.74	50	32.49	8.27	32.62	205	182	P	V
5790MHz		5719.6	57.54	-53.15	110.69	49.35	32.53	8.3	32.64	205	182	P	V
		5720	56.99	-53.81	110.8	48.8	32.53	8.3	32.64	205	182	P	V
		4588	50.49	-23.51	74	44.53	30.97	7.58	32.59	205	325	P	V
		4588	45.18	-8.82	54	39.22	30.97	7.58	32.59	205	325	A	V
		5149.9	54.58	-19.42	74	47.2	31.98	7.94	32.54	205	182	P	V
		5149.9	46.07	-7.93	54	38.69	31.98	7.94	32.54	205	182	A	V
		5446	57.38	-16.62	74	49.3	32.34	8.29	32.55	205	182	P	V
		5446	48.11	-5.89	54	40.03	32.34	8.29	32.55	205	182	A	V
	*	5790	111.36	-	-	103.1	32.58	8.35	32.67	205	182	P	V
	*	5790	105.06	-	-	96.8	32.58	8.35	32.67	205	182	A	V
		5852.6	55.42	-60.85	116.27	47.07	32.61	8.43	32.69	205	182	P	V
		5855.4	56.64	-54.05	110.69	48.28	32.62	8.43	32.69	205	182	P	V
		5889	55.69	-39.12	94.81	47.29	32.64	8.47	32.71	205	182	P	V
		5949.4	54.1	-14.1	68.2	45.65	32.67	8.51	32.73	205	182	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5601.8	58.51	-9.69	68.2	50.41	32.46	8.23	32.59	207	180	P	H
		5655.6	57.22	-15.14	72.36	49.08	32.49	8.27	32.62	207	180	P	H
		5703.4	56.41	-49.74	106.15	48.22	32.52	8.3	32.63	207	180	P	H
		5722.4	55.97	-60.3	116.27	47.75	32.53	8.33	32.64	207	180	P	H
		5080	55.99	-18.01	74	48.63	31.9	7.99	32.53	207	180	P	H
		5080	45.42	-8.58	54	38.06	31.9	7.99	32.53	207	180	A	H
		5410	61.06	-12.94	74	53.04	32.28	8.29	32.55	207	180	P	H
		5410	51.58	-2.42	54	43.56	32.28	8.29	32.55	207	180	A	H
	*	5830	109.86	-	-	101.55	32.6	8.39	32.68	207	180	P	H
	*	5830	103.51	-	-	95.2	32.6	8.39	32.68	207	180	A	H
		5850	77.46	-44.74	122.2	69.11	32.61	8.43	32.69	207	180	P	H
		5856	62.84	-47.68	110.52	54.48	32.62	8.43	32.69	207	180	P	H
		5919.4	54.64	-17.69	72.33	46.24	32.65	8.47	32.72	207	180	P	H
802.11ac		5933.6	52.98	-15.22	68.2	44.53	32.66	8.51	32.72	207	180	P	H
VHT30		5643.8	56.88	-11.32	68.2	48.74	32.48	8.27	32.61	210	182	P	V
CH 166		5698.6	56.99	-47.18	104.17	48.81	32.51	8.3	32.63	210	182	P	V
5830MHz		5703.2	57.31	-48.79	106.1	49.12	32.52	8.3	32.63	210	182	P	V
		5720.2	56.12	-55.14	111.26	47.93	32.53	8.3	32.64	210	182	P	V
		4630	51.71	-22.29	74	45.66	31.08	7.56	32.59	218	325	P	V
		4630	47.44	-6.56	54	41.39	31.08	7.56	32.59	218	325	A	V
		5092	53.18	-20.82	74	45.83	31.92	7.96	32.53	210	182	P	V
		5092	45.62	-8.38	54	38.27	31.92	7.96	32.53	210	182	A	V
		5458	58.93	-15.07	74	50.85	32.34	8.29	32.55	210	182	P	V
		5458	47.97	-6.03	54	39.89	32.34	8.29	32.55	210	182	A	V
	*	5830	109.59	-	-	101.28	32.6	8.39	32.68	210	182	P	V
	*	5830	103.88	-	-	95.57	32.6	8.39	32.68	210	182	A	V
		5850	74.12	-48.08	122.2	65.77	32.61	8.43	32.69	210	182	P	V
		5855	66.48	-44.32	110.8	58.12	32.62	8.43	32.69	210	182	P	V
		5914.8	55.42	-20.3	75.72	47.02	32.65	8.47	32.72	210	182	P	V
		5926.4	53.8	-14.4	68.2	45.35	32.66	8.51	32.72	210	182	P	V

Remark

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

Band 4 5725~5850MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11490	42.53	-31.47	74	51.84	40.01	12.58	61.9	100	0	P	H
		17235	44.76	-23.44	68.2	49.41	41.05	15.66	61.36	100	0	P	H
802.11ac													H
VHT30													H
CH 149		11490	42.34	-31.66	74	51.65	40.01	12.58	61.9	100	0	P	V
5745MHz		17235	44.95	-23.25	68.2	49.6	41.05	15.66	61.36	100	0	P	V
													V
													V
		11580	43.08	-30.92	74	52.43	39.88	12.66	61.89	100	0	P	H
		17370	45.25	-22.95	68.2	49.31	41.43	15.79	61.28	100	0	P	H
802.11ac													H
VHT30													H
CH 158		11580	43.27	-30.73	74	52.62	39.88	12.66	61.89	100	0	P	V
5790MHz		17370	45.44	-22.76	68.2	49.5	41.43	15.79	61.28	100	0	P	V
													V
													V
		11660	43.26	-30.74	74	52.68	39.72	12.73	61.87	100	0	P	H
		17490	44.77	-23.43	68.2	48.3	41.75	15.93	61.21	100	0	P	H
802.11ac													H
VHT30													H
CH 166		11660	43.16	-30.84	74	52.58	39.72	12.73	61.87	100	0	P	V
5830MHz		17490	45.23	-22.97	68.2	48.76	41.75	15.93	61.21	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 VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5638.8	58.3	-9.9	68.2	50.2	32.48	8.23	32.61	180	183	P	H
		5672.4	58.75	-26.07	84.82	50.6	32.5	8.27	32.62	180	183	P	H
		5719.4	69.87	-40.76	110.63	61.68	32.53	8.3	32.64	180	183	P	H
		5725	80.49	-41.71	122.2	72.27	32.53	8.33	32.64	180	183	P	H
		5122	55.61	-18.39	74	48.27	31.94	7.94	32.54	180	183	P	H
		5122	45.54	-8.46	54	38.2	31.94	7.94	32.54	180	183	A	H
		5356	61.14	-12.86	74	53.23	32.22	8.23	32.54	180	183	P	H
		5356	51.9	-2.1	54	43.99	32.22	8.23	32.54	180	183	A	H
	*	5750	112.35	-	-	104.13	32.54	8.33	32.65	180	183	P	H
	*	5750	105.31	-	-	97.09	32.54	8.33	32.65	180	183	A	H
		5853.6	52.95	-61.04	113.99	44.59	32.62	8.43	32.69	180	183	P	H
		5862.8	54.74	-53.87	108.61	46.39	32.62	8.43	32.7	180	183	P	H
		5894.6	53.74	-36.92	90.66	45.34	32.64	8.47	32.71	180	183	P	H
802.11ac		5938.6	52.04	-16.16	68.2	43.59	32.67	8.51	32.73	180	183	P	H
VHT40		5601	56.98	-11.22	68.2	48.91	32.46	8.2	32.59	200	180	P	V
CH 150		5698.8	59.56	-44.76	104.32	51.38	32.51	8.3	32.63	200	180	P	V
5750MHz		5718.8	73.25	-37.21	110.46	65.06	32.53	8.3	32.64	200	180	P	V
		5725	79.41	-42.79	122.2	71.19	32.53	8.33	32.64	200	180	P	V
		4552	61.21	-12.79	74	55.42	30.9	7.49	32.6	240	180	P	V
		4552	45.22	-8.78	54	39.43	30.9	7.49	32.6	240	180	A	V
		5104	54.86	-19.14	74	47.51	31.92	7.96	32.53	200	180	P	V
		5104	45.79	-8.21	54	38.44	31.92	7.96	32.53	200	180	A	V
		5374	57.39	-16.61	74	49.41	32.24	8.29	32.55	200	180	P	V
		5374	48	-6	54	40.02	32.24	8.29	32.55	200	180	A	V
	*	5750	113.22	-	-	105	32.54	8.33	32.65	200	180	P	V
	*	5750	106.77	-	-	98.55	32.54	8.33	32.65	200	180	A	V
		5852.2	54.88	-62.3	117.18	46.53	32.61	8.43	32.69	200	180	P	V
		5871.8	54.26	-51.83	106.09	45.9	32.63	8.43	32.7	200	180	P	V
		5891.8	54.95	-37.78	92.73	46.55	32.64	8.47	32.71	200	180	P	V
		5939.6	54.39	-13.81	68.2	45.94	32.67	8.51	32.73	200	180	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5627.2	58.56	-9.64	68.2	50.46	32.47	8.23	32.6	199	181	P	H
		5688.2	57.67	-38.83	96.5	49.49	32.51	8.3	32.63	199	181	P	H
		5718.8	57.84	-52.62	110.46	49.65	32.53	8.3	32.64	199	181	P	H
		5724	56.58	-63.34	119.92	48.36	32.53	8.33	32.64	199	181	P	H
		5140	54.36	-19.64	74	46.98	31.98	7.94	32.54	199	181	P	H
		5140	45.96	-8.04	54	38.58	31.98	7.94	32.54	199	181	A	H
		5446	61.67	-12.33	74	53.59	32.34	8.29	32.55	199	181	P	H
		5446	52.29	-1.71	54	44.21	32.34	8.29	32.55	199	181	A	H
	*	5790	112.57	-	-	104.31	32.58	8.35	32.67	199	181	P	H
	*	5790	105.99	-	-	97.73	32.58	8.35	32.67	199	181	A	H
		5850	55.16	-67.04	122.2	46.81	32.61	8.43	32.69	199	181	P	H
		5872.6	53.91	-51.96	105.87	45.55	32.63	8.43	32.7	199	181	P	H
		5895.2	54.02	-36.19	90.21	45.62	32.64	8.47	32.71	199	181	P	H
802.11ac		5939.6	53.57	-14.63	68.2	45.12	32.67	8.51	32.73	199	181	P	H
VHT40		5645.6	56.54	-11.66	68.2	48.4	32.48	8.27	32.61	202	182	P	V
CH 158		5683.8	58.17	-35.08	93.25	49.99	32.51	8.3	32.63	202	182	P	V
5790MHz		5709.6	58.43	-49.46	107.89	50.25	32.52	8.3	32.64	202	182	P	V
		5724.6	58.34	-62.95	121.29	50.12	32.53	8.33	32.64	202	182	P	V
		4590	50.15	-23.85	74	44.19	30.97	7.58	32.59	258	325	P	V
		4590	46.13	-7.87	54	40.17	30.97	7.58	32.59	258	325	A	V
		5134	55.7	-18.3	74	48.34	31.96	7.94	32.54	202	182	P	V
		5134	45.91	-8.09	54	38.55	31.96	7.94	32.54	202	182	A	V
		5404	57.28	-16.72	74	49.26	32.28	8.29	32.55	202	182	P	V
		5404	47.85	-6.15	54	39.83	32.28	8.29	32.55	202	182	A	V
	*	5790	112.32	-	-	104.06	32.58	8.35	32.67	202	182	P	V
	*	5790	106.7	-	-	98.44	32.58	8.35	32.67	202	182	A	V
		5850.2	56.38	-65.36	121.74	48.03	32.61	8.43	32.69	202	182	P	V
		5873.6	56.05	-49.54	105.59	47.69	32.63	8.43	32.7	202	182	P	V
		5882.6	55.5	-44.06	99.56	47.1	32.63	8.47	32.7	202	182	P	V
		5940.2	53.75	-14.45	68.2	45.3	32.67	8.51	32.73	202	182	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5633.2	58.69	-9.51	68.2	50.59	32.48	8.23	32.61	184	180	P	H
		5696	57.09	-45.16	102.25	48.91	32.51	8.3	32.63	184	180	P	H
		5717.2	56.59	-53.43	110.02	48.41	32.52	8.3	32.64	184	180	P	H
		5724.6	56.33	-64.96	121.29	48.11	32.53	8.33	32.64	184	180	P	H
		5062	55.95	-18.05	74	48.61	31.88	7.99	32.53	184	180	P	H
		5062	45.94	-8.06	54	38.6	31.88	7.99	32.53	184	180	A	H
		5446	61.51	-12.49	74	53.43	32.34	8.29	32.55	184	180	P	H
		5446	51.89	-2.11	54	43.81	32.34	8.29	32.55	184	180	A	H
	*	5825	114.32	-	-	106.01	32.6	8.39	32.68	184	180	P	H
	*	5825	107.71	-	-	99.4	32.6	8.39	32.68	184	180	A	H
		5851.2	80.4	-39.06	119.46	72.05	32.61	8.43	32.69	184	180	P	H
		5855	75.19	-35.61	110.8	66.83	32.62	8.43	32.69	184	180	P	H
		5875.2	60.7	-44.35	105.05	52.34	32.63	8.43	32.7	184	180	P	H
802.11ac		5925.4	54.6	-13.6	68.2	46.15	32.66	8.51	32.72	184	180	P	H
VHT40		5641.4	59.67	-8.53	68.2	51.57	32.48	8.23	32.61	212	181	P	V
CH 165		5658	60.92	-13.22	74.14	52.78	32.49	8.27	32.62	212	181	P	V
5825MHz		5718.6	60.41	-50	110.41	52.22	32.53	8.3	32.64	212	181	P	V
		5722.2	59.42	-56.4	115.82	51.2	32.53	8.33	32.64	212	181	P	V
		4625	51.36	-22.64	74	45.35	31.04	7.56	32.59	214	325	P	V
		4625	46.83	-7.17	54	40.82	31.04	7.56	32.59	214	325	A	V
		5149.9	58.59	-15.41	74	51.21	31.98	7.94	32.54	212	181	P	V
		5149.9	48.54	-5.46	54	41.16	31.98	7.94	32.54	212	181	A	V
		5356	59.34	-14.66	74	51.43	32.22	8.23	32.54	212	181	P	V
		5356	50.71	-3.29	54	42.8	32.22	8.23	32.54	212	181	A	V
	*	5825	113.68	-	-	105.37	32.6	8.39	32.68	212	181	P	V
	*	5825	107.08	-	-	98.77	32.6	8.39	32.68	212	181	A	V
		5850.2	78.35	-43.39	121.74	70	32.61	8.43	32.69	212	181	P	V
		5855	73.3	-37.5	110.8	64.94	32.62	8.43	32.69	212	181	P	V
		5876.6	59.2	-44.81	104.01	50.84	32.63	8.43	32.7	212	181	P	V
		5941.6	56.62	-11.58	68.2	48.17	32.67	8.51	32.73	212	181	P	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11500	43.11	-30.89	74	52.43	40	12.58	61.9	100	0	P	H
		17250	45.81	-22.39	68.2	50.4	41.1	15.66	61.35	100	0	P	H
802.11ac													H
VHT40													H
CH 150		11500	43.31	-30.69	74	52.63	40	12.58	61.9	100	0	P	V
5750MHz		17250	45.55	-22.65	68.2	50.14	41.1	15.66	61.35	100	0	P	V
													V
													V
		11580	44.15	-29.85	74	53.5	39.88	12.66	61.89	100	0	P	H
		17370	44.65	-23.55	68.2	48.71	41.43	15.79	61.28	100	0	P	H
802.11ac													H
VHT40													H
CH 158		11580	43.79	-30.21	74	53.14	39.88	12.66	61.89	100	0	P	V
5790MHz		17370	45.83	-22.37	68.2	49.89	41.43	15.79	61.28	100	0	P	V
													V
													V
		11650	40.63	-33.37	74	50.02	39.75	12.73	61.87	100	0	P	H
		17475	44.78	-23.42	68.2	48.36	41.71	15.93	61.22	100	0	P	H
802.11ac													H
VHT40													H
CH 165		11650	41.08	-32.92	74	50.47	39.75	12.73	61.87	100	0	P	V
5825MHz		17475	44.85	-23.35	68.2	48.43	41.71	15.93	61.22	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 VHT50 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5605.6	57.7	-10.5	68.2	49.61	32.46	8.23	32.6	180	182	P	H
		5699.2	63.86	-40.75	104.61	55.68	32.51	8.3	32.63	180	182	P	H
		5719	71.27	-39.25	110.52	63.08	32.53	8.3	32.64	180	182	P	H
		5722.6	77.05	-39.68	116.73	68.83	32.53	8.33	32.64	180	182	P	H
		5116	55.44	-18.56	74	48.07	31.94	7.96	32.53	180	182	P	H
		5116	45.56	-8.44	54	38.19	31.94	7.96	32.53	180	182	A	H
		5380	61.86	-12.14	74	53.86	32.26	8.29	32.55	180	182	P	H
		5380	51.92	-2.08	54	43.92	32.26	8.29	32.55	180	182	A	H
	*	5755	110.99	-	-	102.75	32.56	8.33	32.65	180	182	P	H
	*	5755	104.67	-	-	96.43	32.56	8.33	32.65	180	182	A	H
		5853.8	57.62	-55.92	113.54	49.26	32.62	8.43	32.69	180	182	P	H
		5859.4	55.18	-54.39	109.57	46.83	32.62	8.43	32.7	180	182	P	H
		5921.6	54.09	-16.62	70.71	45.64	32.66	8.51	32.72	180	182	P	H
802.11ac		5944.4	52.09	-16.11	68.2	43.64	32.67	8.51	32.73	180	182	P	H
VHT50		5638.2	57.37	-10.83	68.2	49.27	32.48	8.23	32.61	208	181	P	V
CH 151		5698	57.81	-45.92	103.73	49.63	32.51	8.3	32.63	208	181	P	V
5755MHz		5720	75.14	-35.66	110.8	66.95	32.53	8.3	32.64	208	181	P	V
		5724.2	82.36	-38.02	120.38	74.14	32.53	8.33	32.64	208	181	P	V
		4555	48.86	-25.14	74	43.07	30.9	7.49	32.6	110	192	P	V
		4555	45.26	-8.74	54	39.47	30.9	7.49	32.6	110	192	A	V
		5134	55.28	-18.72	74	47.92	31.96	7.94	32.54	208	181	P	V
		5134	46.07	-7.93	54	38.71	31.96	7.94	32.54	208	181	A	V
		5374	56.54	-17.46	74	48.56	32.24	8.29	32.55	208	181	P	V
		5374	48.07	-5.93	54	40.09	32.24	8.29	32.55	208	181	A	V
	*	5755	112.1	-	-	103.86	32.56	8.33	32.65	208	181	P	V
	*	5755	105.96	-	-	97.72	32.56	8.33	32.65	208	181	A	V
		5850.6	54.59	-66.24	120.83	46.24	32.61	8.43	32.69	208	181	P	V
		5872	55.87	-50.17	106.04	47.51	32.63	8.43	32.7	208	181	P	V
		5884	55.27	-43.25	98.52	46.88	32.63	8.47	32.71	208	181	P	V
		5925.8	53.72	-14.48	68.2	45.27	32.66	8.51	32.72	208	181	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5643.6	58.28	-9.92	68.2	50.14	32.48	8.27	32.61	188	180	P	H
		5650.4	57.74	-10.76	68.5	49.59	32.49	8.27	32.61	188	180	P	H
		5705.4	57.08	-49.63	106.71	48.9	32.52	8.3	32.64	188	180	P	H
		5720.8	56.25	-56.37	112.62	48.06	32.53	8.3	32.64	188	180	P	H
		5134	54.62	-19.38	74	47.26	31.96	7.94	32.54	188	180	P	H
		5134	48.84	-5.16	54	41.48	31.96	7.94	32.54	188	180	A	H
		5410	60.54	-13.46	74	52.52	32.28	8.29	32.55	188	180	P	H
		5410	52.67	-1.33	54	44.65	32.28	8.29	32.55	188	180	A	H
	*	5790	112.07	-	-	103.81	32.58	8.35	32.67	188	180	P	H
	*	5790	105.04	-	-	96.78	32.58	8.35	32.67	188	180	A	H
		5850	56.61	-65.59	122.2	48.26	32.61	8.43	32.69	188	180	P	H
		5862.8	55.85	-52.76	108.61	47.5	32.62	8.43	32.7	188	180	P	H
		5891.6	53.75	-39.13	92.88	45.35	32.64	8.47	32.71	188	180	P	H
802.11ac		5937	53.8	-14.4	68.2	45.36	32.66	8.51	32.73	188	180	P	H
VHT50		5627.2	56.06	-12.14	68.2	47.96	32.47	8.23	32.6	202	181	P	V
CH 158		5671	57.67	-26.11	83.78	49.52	32.5	8.27	32.62	202	181	P	V
5790MHz		5702.6	57.16	-48.77	105.93	48.97	32.52	8.3	32.63	202	181	P	V
		5724	57.15	-62.77	119.92	48.93	32.53	8.33	32.64	202	181	P	V
		4588	54.02	-19.98	74	48.06	30.97	7.58	32.59	202	181	P	V
		4588	48.14	-5.86	54	42.18	30.97	7.58	32.59	202	181	A	V
		5140	55.8	-18.2	74	48.42	31.98	7.94	32.54	202	181	P	V
		5140	48.69	-5.31	54	41.31	31.98	7.94	32.54	202	181	A	V
		5350.01	56.63	-17.37	74	48.72	32.22	8.23	32.54	202	181	P	V
		5350.01	49.76	-4.24	54	41.85	32.22	8.23	32.54	202	181	A	V
	*	5790	112.12	-	-	103.86	32.58	8.35	32.67	202	181	P	V
	*	5790	105.59	-	-	97.33	32.58	8.35	32.67	202	181	A	V
		5850	57.43	-64.77	122.2	49.08	32.61	8.43	32.69	202	181	P	V
		5873.2	55.23	-50.47	105.7	46.87	32.63	8.43	32.7	202	181	P	V
		5908.8	56.23	-23.92	80.15	47.83	32.65	8.47	32.72	202	181	P	V
		5929	54.05	-14.15	68.2	45.6	32.66	8.51	32.72	202	181	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5611.2	58.03	-10.17	68.2	49.94	32.46	8.23	32.6	201	182	P	H
		5695.2	58.44	-43.22	101.66	50.26	32.51	8.3	32.63	201	182	P	H
		5702.8	56.21	-49.78	105.99	48.02	32.52	8.3	32.63	201	182	P	H
		5722.4	56.08	-60.19	116.27	47.86	32.53	8.33	32.64	201	182	P	H
		5140	54.68	-19.32	74	47.3	31.98	7.94	32.54	201	182	P	H
		5140	46.02	-7.98	54	38.64	31.98	7.94	32.54	201	182	A	H
		5410	60.66	-13.34	74	52.64	32.28	8.29	32.55	201	182	P	H
		5410	53.18	-0.82	54	45.16	32.28	8.29	32.55	201	182	A	H
	*	5820	111.33	-	-	103.02	32.6	8.39	32.68	201	182	P	H
	*	5820	105.33	-	-	97.02	32.6	8.39	32.68	201	182	A	H
		5850.4	78.34	-42.95	121.29	69.99	32.61	8.43	32.69	201	182	P	H
		5856	72.93	-37.59	110.52	64.57	32.62	8.43	32.69	201	182	P	H
		5877.4	61.44	-41.98	103.42	53.08	32.63	8.43	32.7	201	182	P	H
802.11ac		5929.4	53.79	-14.41	68.2	45.34	32.66	8.51	32.72	201	182	P	H
VHT50		5643.2	56.42	-11.78	68.2	48.28	32.48	8.27	32.61	214	182	P	V
CH 164		5663	57.54	-20.31	77.85	49.4	32.49	8.27	32.62	214	182	P	V
5820MHz		5709.4	57.02	-50.81	107.83	48.84	32.52	8.3	32.64	214	182	P	V
		5722.4	56.76	-59.51	116.27	48.54	32.53	8.33	32.64	214	182	P	V
		4624	54.91	-19.09	74	48.9	31.04	7.56	32.59	203	323	P	V
		4624	48.37	-5.63	54	42.36	31.04	7.56	32.59	203	323	A	V
		5146	54.32	-19.68	74	46.94	31.98	7.94	32.54	214	182	P	V
		5146	45.83	-8.17	54	38.45	31.98	7.94	32.54	214	182	A	V
		5404	56.37	-17.63	74	48.35	32.28	8.29	32.55	214	182	P	V
		5404	48	-6	54	39.98	32.28	8.29	32.55	214	182	A	V
	*	5820	111.13	-	-	102.82	32.6	8.39	32.68	214	182	P	V
	*	5820	104.65	-	-	96.34	32.6	8.39	32.68	214	182	A	V
		5850.8	76.18	-44.2	120.38	67.83	32.61	8.43	32.69	214	182	P	V
		5855.2	72.8	-37.94	110.74	64.44	32.62	8.43	32.69	214	182	P	V
		5877.8	58.6	-44.52	103.12	50.24	32.63	8.43	32.7	214	182	P	V
		5927.2	53.93	-14.27	68.2	45.48	32.66	8.51	32.72	214	182	P	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 VHT50 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11510	42.46	-31.54	74	51.78	40	12.58	61.9	100	0	P	H
		17265	44.72	-23.48	68.2	49.25	41.15	15.66	61.34	100	0	P	H
802.11ac													H
VHT50													H
CH 151		11510	42.8	-31.2	74	52.12	40	12.58	61.9	100	0	P	V
5755MHz		17265	45.35	-22.85	68.2	49.88	41.15	15.66	61.34	100	0	P	V
													V
													V
		11580	42.66	-31.34	74	52.01	39.88	12.66	61.89	100	0	P	H
		17370	45.95	-22.25	68.2	50.01	41.43	15.79	61.28	100	0	P	H
802.11ac													H
VHT50													H
CH 158		11580	43.69	-30.31	74	53.04	39.88	12.66	61.89	100	0	P	V
5790MHz		17370	46.24	-21.96	68.2	50.3	41.43	15.79	61.28	100	0	P	V
													V
													V
		11640	41.38	-32.62	74	50.77	39.75	12.73	61.87	100	0	P	H
		17460	46.73	-21.47	68.2	50.42	41.66	15.88	61.23	100	0	P	H
802.11ac													H
VHT50													H
CH 164		11640	41.21	-32.79	74	50.6	39.75	12.73	61.87	100	0	P	V
5820MHz		17460	46.21	-21.99	68.2	49.9	41.66	15.88	61.23	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 VHT60 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5621	58.15	-10.05	68.2	50.05	32.47	8.23	32.6	200	181	P	H
		5699.2	59.29	-45.32	104.61	51.11	32.51	8.3	32.63	200	181	P	H
		5719.6	73.36	-37.33	110.69	65.17	32.53	8.3	32.64	200	181	P	H
		5725	80.99	-41.21	122.2	72.77	32.53	8.33	32.64	200	181	P	H
		5116	54.4	-19.6	74	47.03	31.94	7.96	32.53	200	181	P	H
		5116	45.53	-8.47	54	38.16	31.94	7.96	32.53	200	181	A	H
		5446	61.3	-12.7	74	53.22	32.34	8.29	32.55	200	181	P	H
		5446	52.21	-1.79	54	44.13	32.34	8.29	32.55	200	181	A	H
	*	5760	109.45	-	-	101.22	32.56	8.33	32.66	200	181	P	H
	*	5760	104.12	-	-	95.89	32.56	8.33	32.66	200	181	A	H
		5852.6	53.42	-62.85	116.27	45.07	32.61	8.43	32.69	200	181	P	H
		5861.4	53.67	-55.34	109.01	45.32	32.62	8.43	32.7	200	181	P	H
		5875.8	54.71	-49.9	104.61	46.35	32.63	8.43	32.7	200	181	P	H
802.11ac		5940.8	53.27	-14.93	68.2	44.82	32.67	8.51	32.73	200	181	P	H
VHT60		5647	57.56	-10.64	68.2	49.42	32.48	8.27	32.61	205	184	P	V
CH 152		5681.8	59.01	-32.76	91.77	50.84	32.5	8.3	32.63	205	184	P	V
5760MHz		5717.8	74.54	-35.64	110.18	66.35	32.53	8.3	32.64	205	184	P	V
		5724.6	80.75	-40.54	121.29	72.53	32.53	8.33	32.64	205	184	P	V
		4558	52.42	-21.58	74	46.63	30.9	7.49	32.6	199	181	P	V
		4558	44.62	-9.38	54	38.83	30.9	7.49	32.6	199	181	A	V
		5134	54.17	-19.83	74	46.81	31.96	7.94	32.54	205	184	P	V
		5134	45.72	-8.28	54	38.36	31.96	7.94	32.54	205	184	A	V
		5404	56.59	-17.41	74	48.57	32.28	8.29	32.55	205	184	P	V
		5404	47.7	-6.3	54	39.68	32.28	8.29	32.55	205	184	A	V
	*	5760	110.55	-	-	102.32	32.56	8.33	32.66	205	184	P	V
	*	5760	104.85	-	-	96.62	32.56	8.33	32.66	205	184	A	V
		5852.6	54.26	-62.01	116.27	45.91	32.61	8.43	32.69	205	184	P	V
		5857.8	55.32	-54.69	110.01	46.97	32.62	8.43	32.7	205	184	P	V
		5878.6	55.31	-47.22	102.53	46.95	32.63	8.43	32.7	205	184	P	V
		5925	53.87	-14.33	68.2	45.42	32.66	8.51	32.72	205	184	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5622	57.66	-10.54	68.2	49.56	32.47	8.23	32.6	205	179	P	H
		5671.4	58.38	-25.7	84.08	50.23	32.5	8.27	32.62	205	179	P	H
		5700.4	56.89	-48.42	105.31	48.71	32.51	8.3	32.63	205	179	P	H
		5721.6	58.65	-55.8	114.45	50.43	32.53	8.33	32.64	205	179	P	H
		5134	54.92	-19.08	74	47.56	31.96	7.94	32.54	205	179	P	H
		5134	46.02	-7.98	54	38.66	31.96	7.94	32.54	205	179	A	H
		5458	60.81	-13.19	74	52.73	32.34	8.29	32.55	205	179	P	H
		5458	51.88	-2.12	54	43.8	32.34	8.29	32.55	205	179	A	H
	*	5790	110.2	-	-	101.94	32.58	8.35	32.67	205	179	P	H
	*	5790	104.35	-	-	96.09	32.58	8.35	32.67	205	179	A	H
		5850.2	62.59	-59.15	121.74	54.24	32.61	8.43	32.69	205	179	P	H
		5858.6	61.41	-48.38	109.79	53.06	32.62	8.43	32.7	205	179	P	H
		5880.2	54.37	-46.97	101.34	46.01	32.63	8.43	32.7	205	179	P	H
802.11ac		5932	53.57	-14.63	68.2	45.12	32.66	8.51	32.72	205	179	P	H
VHT60		5645.8	55.83	-12.37	68.2	47.69	32.48	8.27	32.61	201	180	P	V
CH 158		5672.2	57.09	-27.58	84.67	48.94	32.5	8.27	32.62	201	180	P	V
5790MHz		5712.8	57.2	-51.59	108.79	49.02	32.52	8.3	32.64	201	180	P	V
		5724.8	56.28	-65.46	121.74	48.06	32.53	8.33	32.64	201	180	P	V
		4591	52.44	-21.56	74	46.48	30.97	7.58	32.59	205	180	P	V
		4591	44.17	-9.83	54	38.21	30.97	7.58	32.59	205	185	A	V
		5098	53.98	-20.02	74	46.63	31.92	7.96	32.53	201	180	P	V
		5098	45.7	-8.3	54	38.35	31.92	7.96	32.53	201	180	A	V
		5422	56.74	-17.26	74	48.7	32.3	8.29	32.55	201	180	P	V
		5422	47.73	-6.27	54	39.69	32.3	8.29	32.55	201	180	A	V
	*	5790	110.43	-	-	102.17	32.58	8.35	32.67	201	180	P	V
	*	5790	104.27	-	-	96.01	32.58	8.35	32.67	201	180	A	V
		5852.2	60.55	-56.63	117.18	52.2	32.61	8.43	32.69	201	180	P	V
		5858	60.07	-49.89	109.96	51.72	32.62	8.43	32.7	201	180	P	V
		5879.8	55.64	-45.99	101.63	47.28	32.63	8.43	32.7	201	180	P	V
		5928	53.69	-14.51	68.2	45.24	32.66	8.51	32.72	201	180	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5625.8	58.57	-9.63	68.2	50.47	32.47	8.23	32.6	199	177	P	H
		5659.4	58.41	-16.77	75.18	50.27	32.49	8.27	32.62	199	177	P	H
		5712.6	57.47	-51.26	108.73	49.29	32.52	8.3	32.64	199	177	P	H
		5722.4	55.85	-60.42	116.27	47.63	32.53	8.33	32.64	199	177	P	H
		5062	55.06	-18.94	74	47.72	31.88	7.99	32.53	199	177	P	H
		5062	45.5	-8.5	54	38.16	31.88	7.99	32.53	199	177	A	H
		5440	59.76	-14.24	74	51.7	32.32	8.29	32.55	199	177	P	H
		5440	51.63	-2.37	54	43.57	32.32	8.29	32.55	199	177	A	H
	*	5815	110.69	-	-	102.39	32.59	8.39	32.68	199	177	P	H
	*	5815	104.55	-	-	96.25	32.59	8.39	32.68	199	177	A	H
		5850.8	77.84	-42.54	120.38	69.49	32.61	8.43	32.69	199	177	P	H
		5855	71.6	-39.2	110.8	63.24	32.62	8.43	32.69	199	177	P	H
		5881.8	64.32	-35.83	100.15	55.92	32.63	8.47	32.7	199	177	P	H
802.11ac		5937	53.56	-14.64	68.2	45.12	32.66	8.51	32.73	199	177	P	H
VHT60		5607.8	57.06	-11.14	68.2	48.97	32.46	8.23	32.6	212	180	P	V
CH 163		5654.6	57.56	-14.06	71.62	49.42	32.49	8.27	32.62	212	180	P	V
5815MHz		5706.4	56.72	-50.27	106.99	48.54	32.52	8.3	32.64	212	180	P	V
		5721.6	56.62	-57.83	114.45	48.4	32.53	8.33	32.64	212	180	P	V
		4618	54.23	-19.77	74	48.22	31.04	7.56	32.59	199	324	P	V
		4618	47.67	-6.33	54	41.66	31.04	7.56	32.59	199	324	A	V
		5128	54.09	-19.91	74	46.73	31.96	7.94	32.54	212	180	P	V
		5128	45.65	-8.35	54	38.29	31.96	7.94	32.54	212	180	A	V
		5398	57.47	-16.53	74	49.45	32.28	8.29	32.55	212	180	P	V
		5398	48.29	-5.71	54	40.27	32.28	8.29	32.55	212	180	A	V
	*	5815	110.51	-	-	102.21	32.59	8.39	32.68	212	180	P	V
	*	5815	103.92	-	-	95.62	32.59	8.39	32.68	212	180	A	V
		5850.8	78.62	-41.76	120.38	70.27	32.61	8.43	32.69	212	180	P	V
		5856.4	71.51	-38.9	110.41	63.15	32.62	8.43	32.69	212	180	P	V
		5875.4	58.94	-45.96	104.9	50.58	32.63	8.43	32.7	212	180	P	V
		5933	53.61	-14.59	68.2	45.16	32.66	8.51	32.72	212	180	P	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 VHT60 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11520	42.63	-31.37	74	51.94	39.97	12.62	61.9	100	0	P	H
		17280	44.34	-23.86	68.2	48.78	41.19	15.7	61.33	100	0	P	H
802.11ac													H
VHT60													H
CH 152		11520	43.68	-30.32	74	52.99	39.97	12.62	61.9	100	0	P	V
5760MHz		17280	44.83	-23.37	68.2	49.27	41.19	15.7	61.33	100	0	P	V
													V
													V
		11580	42.49	-31.51	74	51.84	39.88	12.66	61.89	100	0	P	H
		17370	44.74	-23.46	68.2	48.8	41.43	15.79	61.28	100	0	P	H
802.11ac													H
VHT60													H
CH 158		11580	42.7	-31.3	74	52.05	39.88	12.66	61.89	100	0	P	V
5790MHz		17370	45.64	-22.56	68.2	49.7	41.43	15.79	61.28	100	0	P	V
													V
													V
		11630	41.35	-32.65	74	50.75	39.78	12.7	61.88	100	0	P	H
		17445	45.95	-22.25	68.2	49.7	41.61	15.88	61.24	100	0	P	H
802.11ac													H
VHT60													H
CH 163		11630	41.5	-32.5	74	50.9	39.78	12.7	61.88	100	0	P	V
5815MHz		17445	45.6	-22.6	68.2	49.35	41.61	15.88	61.24	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 Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5609.8	57.99	-10.21	68.2	49.9	32.46	8.23	32.6	201	179	P	H
		5699.6	61.56	-43.35	104.91	53.38	32.51	8.3	32.63	201	179	P	H
		5718.6	73.47	-36.94	110.41	65.28	32.53	8.3	32.64	201	179	P	H
		5722.8	76.72	-40.46	117.18	68.5	32.53	8.33	32.64	201	179	P	H
		5098	56.16	-17.84	74	48.81	31.92	7.96	32.53	201	179	P	H
		5098	46.74	-7.26	54	39.39	31.92	7.96	32.53	201	179	A	H
		5422	60.6	-13.4	74	52.56	32.3	8.29	32.55	201	179	P	H
		5422	53.48	-0.52	54	45.44	32.3	8.29	32.55	201	179	A	H
	*	5770	109.8	-	-	101.54	32.57	8.35	32.66	201	179	P	H
	*	5770	103.89	-	-	95.63	32.57	8.35	32.66	201	179	A	H
		5851.6	58.72	-59.83	118.55	50.37	32.61	8.43	32.69	201	179	P	H
		5861	59.69	-49.43	109.12	51.34	32.62	8.43	32.7	201	179	P	H
		5879.4	54.19	-47.74	101.93	45.83	32.63	8.43	32.7	201	179	P	H
802.11ac		5928.8	53.87	-14.33	68.2	45.42	32.66	8.51	32.72	201	179	P	H
VHT80		5610.4	57.45	-10.75	68.2	49.36	32.46	8.23	32.6	210	179	P	V
CH 154		5699.6	60.77	-44.14	104.91	52.59	32.51	8.3	32.63	210	179	P	V
5770MHz		5720	77.26	-33.54	110.8	69.07	32.53	8.3	32.64	210	179	P	V
		5723.2	80.61	-37.49	118.1	72.39	32.53	8.33	32.64	210	179	P	V
		4570	55.81	-18.19	74	49.89	30.94	7.58	32.6	213	178	P	V
		4570	48.72	-5.28	54	42.8	30.94	7.58	32.6	213	178	A	V
		5146	54.93	-19.07	74	47.55	31.98	7.94	32.54	210	179	P	V
		5146	46.94	-7.06	54	39.56	31.98	7.94	32.54	210	179	A	V
		5410	57.74	-16.26	74	49.72	32.28	8.29	32.55	210	179	P	V
		5410	49.42	-4.58	54	41.4	32.28	8.29	32.55	210	179	A	V
	*	5770	108.75	-	-	100.49	32.57	8.35	32.66	210	179	P	V
	*	5770	103.61	-	-	95.35	32.57	8.35	32.66	210	179	A	V
		5854.4	59.94	-52.23	112.17	51.58	32.62	8.43	32.69	210	179	P	V
		5861.6	58.09	-50.86	108.95	49.74	32.62	8.43	32.7	210	179	P	V
		5888	54.48	-41.07	95.55	46.08	32.64	8.47	32.71	210	179	P	V
		5938	53.6	-14.6	68.2	45.16	32.66	8.51	32.73	210	179	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5632.2	57.83	-10.37	68.2	49.74	32.47	8.23	32.61	206	179	P	H
		5652.4	57.63	-12.35	69.98	49.48	32.49	8.27	32.61	206	179	P	H
		5716	62.09	-47.59	109.68	53.91	32.52	8.3	32.64	206	179	P	H
		5725	65.96	-56.24	122.2	57.74	32.53	8.33	32.64	206	179	P	H
		5128	57.03	-16.97	74	49.67	31.96	7.94	32.54	206	179	P	H
		5128	46.92	-7.08	54	39.56	31.96	7.94	32.54	206	179	A	H
		5440	61.72	-12.28	74	53.66	32.32	8.29	32.55	206	179	P	H
		5440	53.31	-0.69	54	45.25	32.32	8.29	32.55	206	179	A	H
	*	5790	109.21	-	-	100.95	32.58	8.35	32.67	206	179	P	H
	*	5790	103.9	-	-	95.64	32.58	8.35	32.67	206	179	A	H
		5851.8	66.17	-51.93	118.1	57.82	32.61	8.43	32.69	206	179	P	H
		5856.6	65.21	-45.14	110.35	56.85	32.62	8.43	32.69	206	179	P	H
		5878.6	58.56	-43.97	102.53	50.2	32.63	8.43	32.7	206	179	P	H
802.11ac		5938.2	53.36	-14.84	68.2	44.92	32.66	8.51	32.73	206	179	P	H
VHT80		5645.2	56.53	-11.67	68.2	48.39	32.48	8.27	32.61	210	179	P	V
CH 158		5697.2	58.35	-44.79	103.14	50.17	32.51	8.3	32.63	210	179	P	V
5790MHz		5715.6	61.91	-47.66	109.57	53.73	32.52	8.3	32.64	210	179	P	V
		5724.6	62.71	-58.58	121.29	54.49	32.53	8.33	32.64	210	179	P	V
		4588	55.74	-18.26	74	49.78	30.97	7.58	32.59	208	188	P	V
		4588	49.37	-4.63	54	43.41	30.97	7.58	32.59	208	188	A	V
		5128	54.26	-19.74	74	46.9	31.96	7.94	32.54	210	179	P	V
		5128	46.45	-7.55	54	39.09	31.96	7.94	32.54	210	179	A	V
		5422	56.28	-17.72	74	48.24	32.3	8.29	32.55	210	179	P	V
		5422	49.13	-4.87	54	41.09	32.3	8.29	32.55	210	179	A	V
	*	5790	109.38	-	-	101.12	32.58	8.35	32.67	210	179	P	V
	*	5790	103.21	-	-	94.95	32.58	8.35	32.67	210	179	A	V
		5850.6	65.7	-55.13	120.83	57.35	32.61	8.43	32.69	210	179	P	V
		5856	65.06	-45.46	110.52	56.7	32.62	8.43	32.69	210	179	P	V
		5875.8	58.69	-45.92	104.61	50.33	32.63	8.43	32.7	210	179	P	V
		5934	53.56	-14.64	68.2	45.11	32.66	8.51	32.72	210	179	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5617	58.58	-9.62	68.2	50.48	32.47	8.23	32.6	205	179	P	H
		5653.8	56.84	-14.18	71.02	48.7	32.49	8.27	32.62	205	179	P	H
		5710	57.15	-50.85	108	48.97	32.52	8.3	32.64	205	179	P	H
		5724	58.19	-61.73	119.92	49.97	32.53	8.33	32.64	205	179	P	H
		5092	54.26	-19.74	74	46.91	31.92	7.96	32.53	205	179	P	H
		5092	46.59	-7.41	54	39.24	31.92	7.96	32.53	205	179	A	H
		5356	60.59	-13.41	74	52.68	32.22	8.23	32.54	205	179	P	H
		5356	53.05	-0.95	54	45.14	32.22	8.23	32.54	205	179	A	H
	*	5805	109.43	-	-	101.12	32.59	8.39	32.67	205	179	P	H
	*	5805	104.16	-	-	95.85	32.59	8.39	32.67	205	179	A	H
		5851.2	74.92	-44.54	119.46	66.57	32.61	8.43	32.69	205	179	P	H
		5855.02	72.49	-38.3	110.79	64.13	32.62	8.43	32.69	205	179	P	H
		5881	64.4	-36.34	100.74	56.04	32.63	8.43	32.7	205	179	P	H
802.11ac		5927.8	53.2	-15	68.2	44.75	32.66	8.51	32.72	205	179	P	H
VHT80		5642.2	56.67	-11.53	68.2	48.53	32.48	8.27	32.61	209	178	P	V
CH 161		5697.8	58.05	-45.53	103.58	49.87	32.51	8.3	32.63	209	178	P	V
5805MHz		5711.2	58.21	-50.13	108.34	50.03	32.52	8.3	32.64	209	178	P	V
		5722	57.68	-57.68	115.36	49.46	32.53	8.33	32.64	209	178	P	V
		4606	52.68	-21.32	74	46.7	31.01	7.56	32.59	209	178	P	V
		4606	49.05	-4.95	54	43.07	31.01	7.56	32.59	242	335	A	V
		5128	53.59	-20.41	74	46.23	31.96	7.94	32.54	209	178	P	V
		5128	46.56	-7.44	54	39.2	31.96	7.94	32.54	209	178	A	V
		5356	57.96	-16.04	74	50.05	32.22	8.23	32.54	209	178	P	V
		5356	48.93	-5.07	54	41.02	32.22	8.23	32.54	209	178	A	V
	*	5805	109.16	-	-	100.85	32.59	8.39	32.67	209	178	P	V
	*	5805	103.7	-	-	95.39	32.59	8.39	32.67	209	178	A	V
		5851.4	75.74	-43.27	119.01	67.39	32.61	8.43	32.69	209	178	P	V
		5855.4	70.98	-39.71	110.69	62.62	32.62	8.43	32.69	209	178	P	V
		5887.2	61.64	-34.5	96.14	53.25	32.63	8.47	32.71	209	178	P	V
		5940.6	54.41	-13.79	68.2	45.96	32.67	8.51	32.73	209	178	P	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 Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11540	42.3	-31.7	74	51.63	39.94	12.62	61.89	100	0	P	H
		17310	46.3	-21.9	68.2	50.68	41.24	15.7	61.32	100	0	P	H
802.11ac													H
VHT80													H
CH 154		11540	41.96	-32.04	74	51.29	39.94	12.62	61.89	100	0	P	V
5770MHz		17310	45.39	-22.81	68.2	49.77	41.24	15.7	61.32	100	0	P	V
													V
													V
		11580	42.59	-31.41	74	51.94	39.88	12.66	61.89	100	0	P	H
		17370	44.73	-23.47	68.2	48.79	41.43	15.79	61.28	100	0	P	H
802.11ac													H
VHT80													H
CH 158		11580	42.05	-31.95	74	51.4	39.88	12.66	61.89	100	0	P	V
5790MHz		17370	45.65	-22.55	68.2	49.71	41.43	15.79	61.28	100	0	P	V
													V
													V
		11610	43.56	-30.44	74	52.93	39.81	12.7	61.88	100	0	P	H
		17415	45.01	-23.19	68.2	48.85	41.57	15.84	61.25	100	0	P	H
802.11ac													H
VHT80													H
CH 161		11610	43.51	-30.49	74	52.88	39.81	12.7	61.88	100	0	P	V
5805MHz		17415	44.89	-23.31	68.2	48.73	41.57	15.84	61.25	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 VHT30 (LF @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		73.47	28.45	-11.55	40	47.2	13.07	0.93	32.75	-	-	P	H
		125.04	28.84	-14.66	43.5	42.37	17.9	1.33	32.76	-	-	P	H
		250.05	33.6	-12.4	46	45.77	18.8	1.76	32.73	-	-	P	H
		374.9	51.59	5.59	46	60.4	21.81	2.13	32.75	100	67	QP	H
		374.9	52.22	6.22	46	61.03	21.81	2.13	32.75	100	67	P	H
		600.3	47.14	1.14	46	52.07	25.5	2.57	33	166	50	QP	H
		600.3	48.46	2.46	46	53.39	25.5	2.57	33	166	50	P	H
		874.7	46.98	0.98	46	47.56	28.7	3.16	32.44	100	42	QP	H
		874.7	47.69	1.69	46	48.27	28.7	3.16	32.44	100	42	P	H
													H
5GHz													H
802.11ac													H
VHT30		34.05	34.06	-5.94	40	42.3	23.86	0.65	32.75	-	-	P	V
LF		73.74	29.47	-10.53	40	48.22	13.07	0.93	32.75	-	-	P	V
		230.07	33.55	-12.45	46	47.67	17	1.62	32.74	-	-	P	V
		374.9	49.92	3.92	46	58.73	21.81	2.13	32.75	120	6	QP	V
		374.9	50.85	4.85	46	59.66	21.81	2.13	32.75	120	6	P	V
		600.3	44.92	-1.08	46	49.85	25.5	2.57	33	100	94	QP	V
		600.3	46.27	0.27	46	51.2	25.5	2.57	33	100	94	P	V
		874.7	47.68	1.68	46	48.26	28.7	3.16	32.44	200	17	QP	V
		874.7	48.34	2.34	46	48.92	28.7	3.16	32.44	200	17	P	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	Cable	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 CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBµV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBµV/m)

= Antenna Factor(dB/m) + Cable 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) + Cable 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

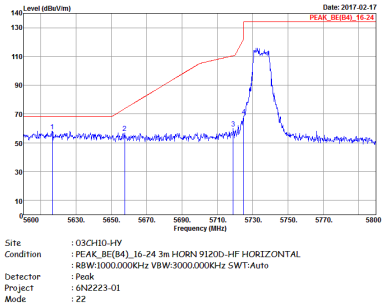
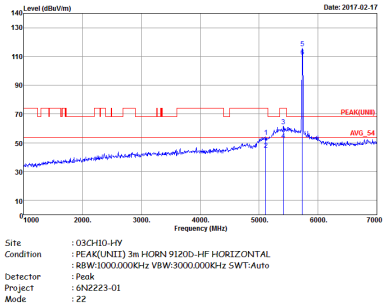
Test Engineer :	Tsung Lee, Stan Hsieh, and Kyle Chuang	**Temperature :**	22~24°C
		Relative Humidity :	46~48%

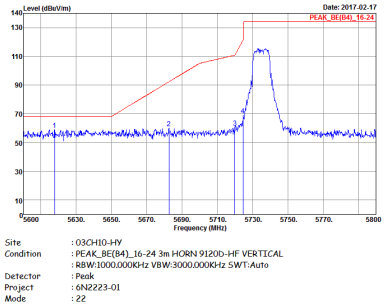
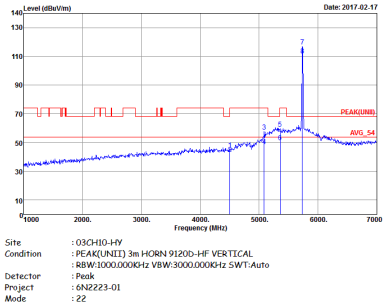
Note symbol

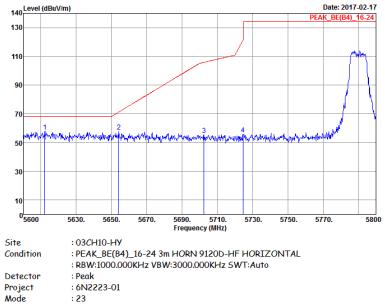
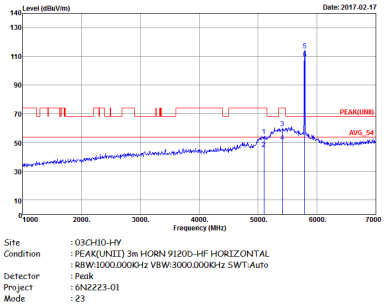
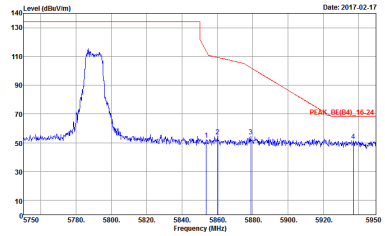
-L	**Low channel location**
-R	**High channel location**

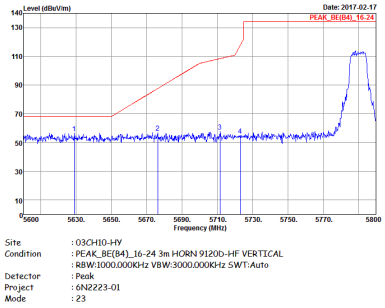
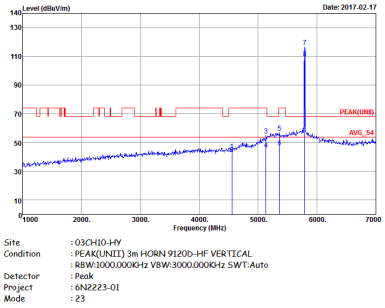
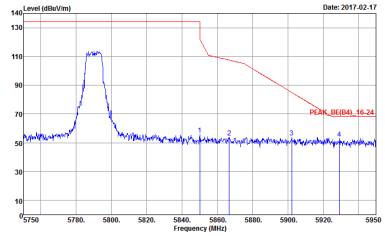
Band 4 - 5725~5850MHz

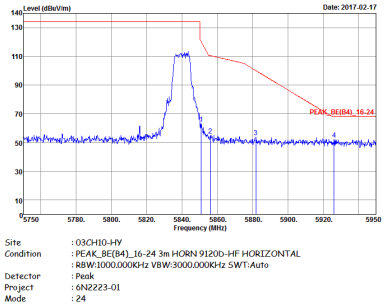
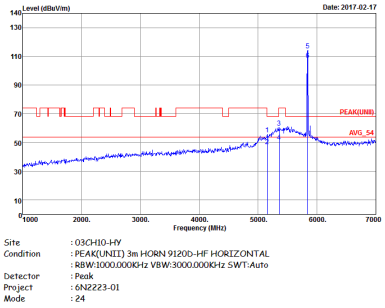
WIFI 802.11ac VHT10 (Band Edge @ 3m)

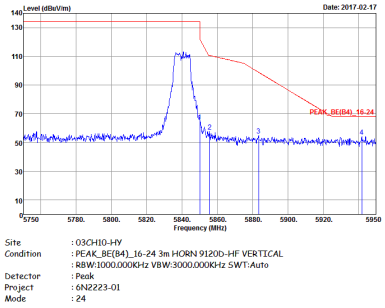
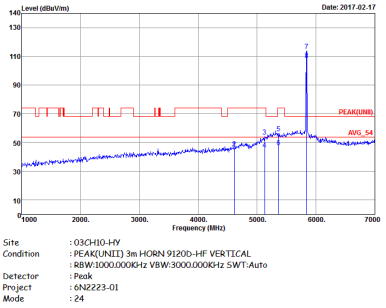
WIFI	**Band 4 5725~5850MHz Band Edge @ 3m**	
ANT	**802.11ac VHT CH147 5735MHz**	
1+2	**Horizontal**	**Fundamental**
Peak		

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT CH147 5735MHz	
1+2	Vertical	Fundamental
Peak		

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH158 5790MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 23	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 23
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 23	Left blank

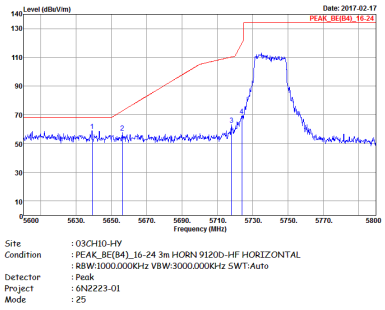
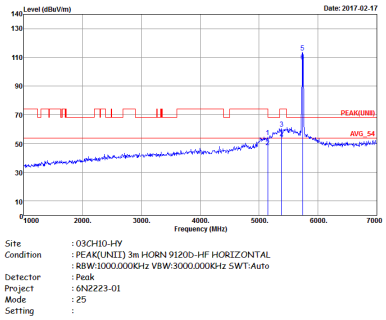
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH158 5790MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 23	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 23
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 23	Left blank

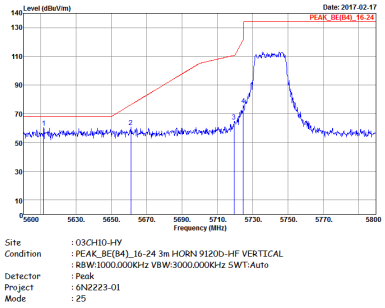
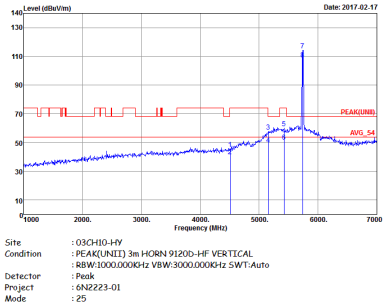
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH168 5840MHz	
1+2	Horizontal	Fundamental
Peak		

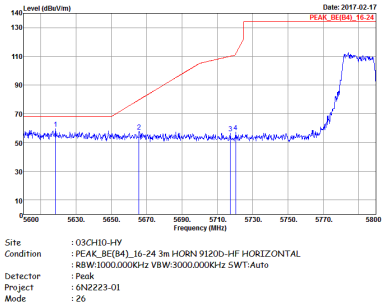
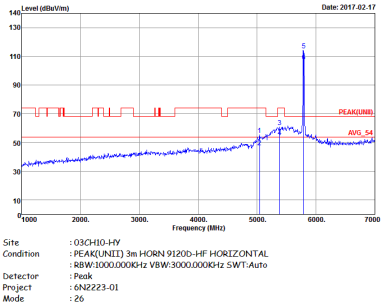
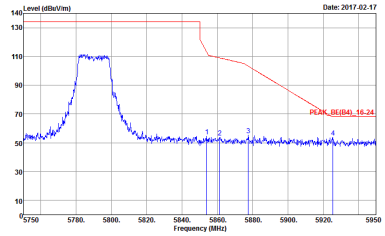
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH168 5840MHz	
1+2	Vertical	Fundamental
Peak		

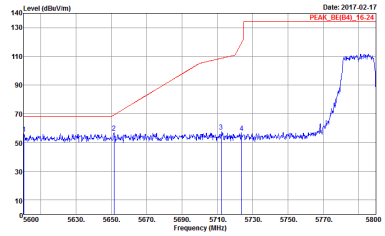
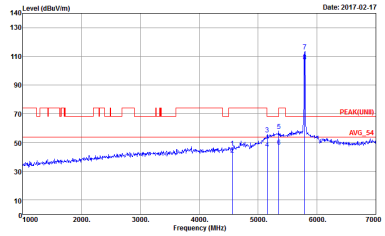
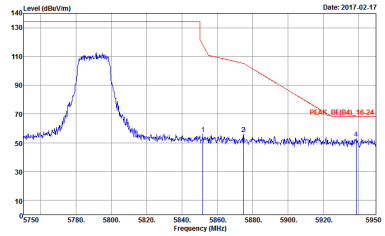
Band 4 5725~5850MHz

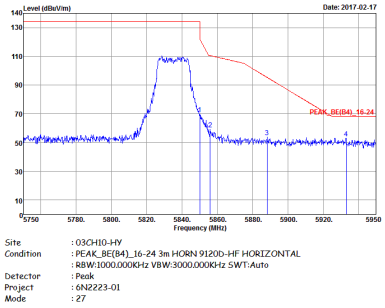
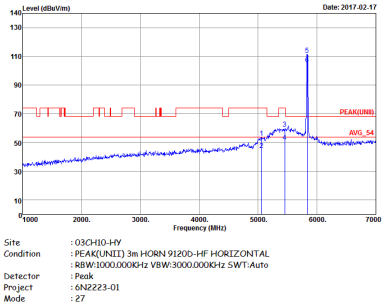
WIFI 802.11ac VHT20 (Band Edge @ 3m)

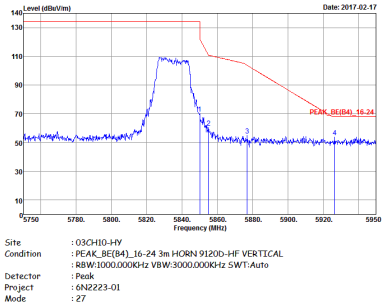
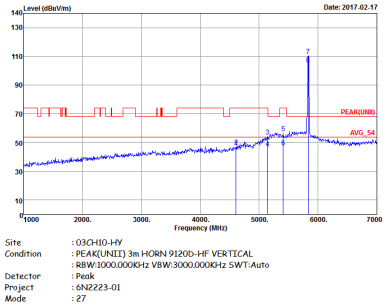
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH148 5740MHz	
1+2	Horizontal	Fundamental
Peak		

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH148 5740MHz	
1+2	Vertical	Fundamental
Peak Avg.		

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH158 5790MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 26	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 26
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 26	Left blank

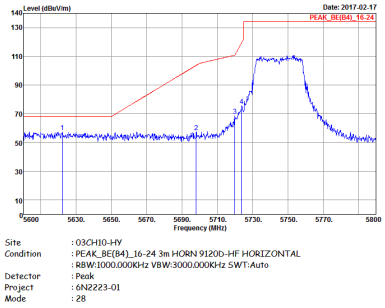
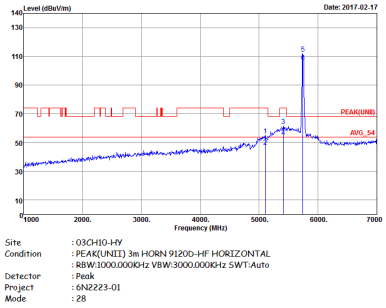
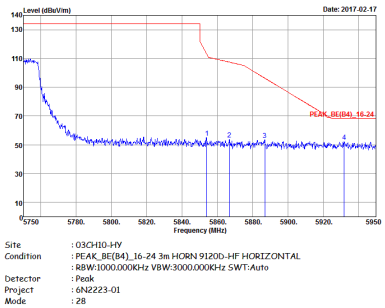
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH158 5790MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 26	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 26
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 26	Left blank

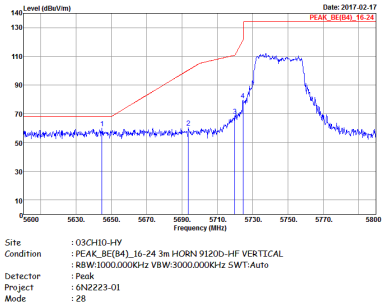
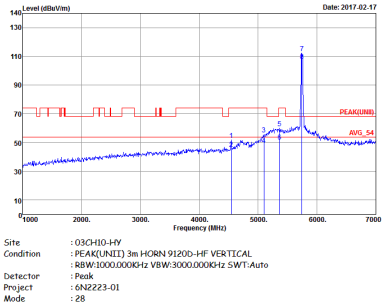
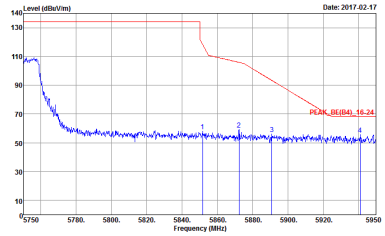
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH167 5835MHz	
1+2	Horizontal	Fundamental
Peak		

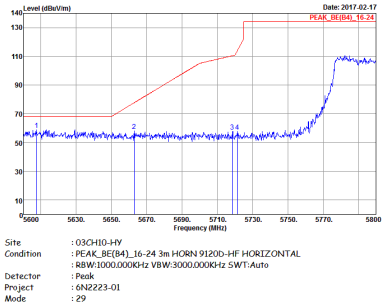
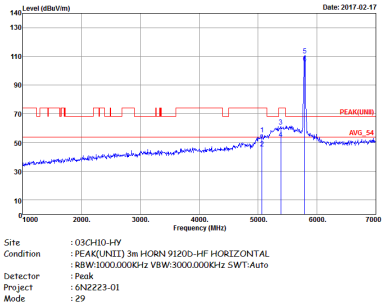
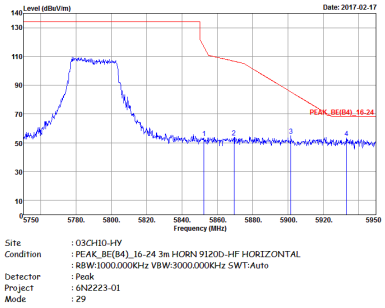
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH167 5835MHz	
1+2	Vertical	Fundamental
Peak Avg.		

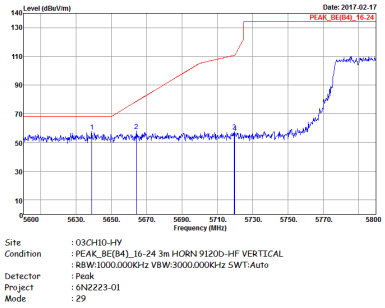
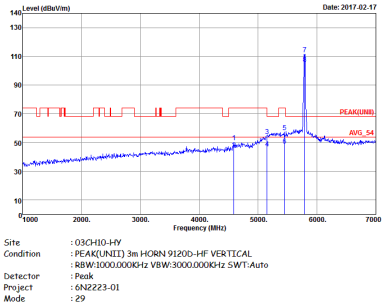
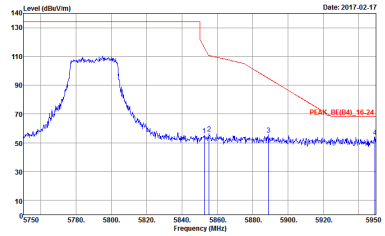
Band 4 5725~5850MHz

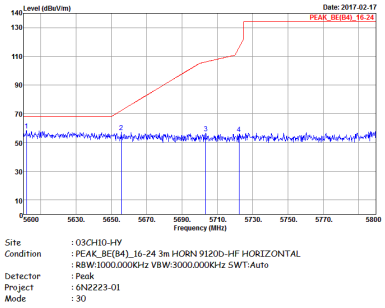
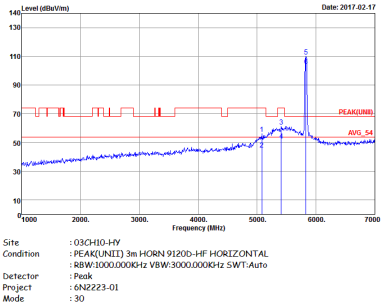
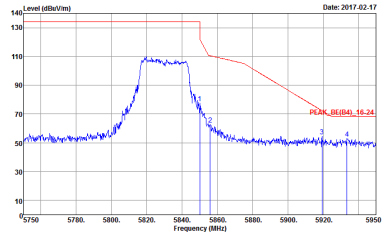
WIFI 802.11ac VHT30 (Band Edge @ 3m)

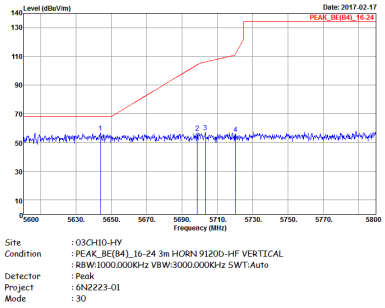
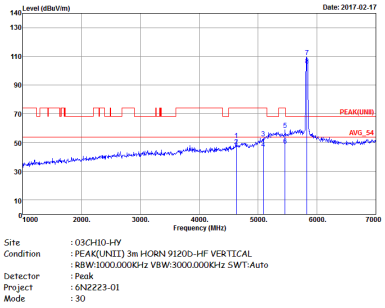
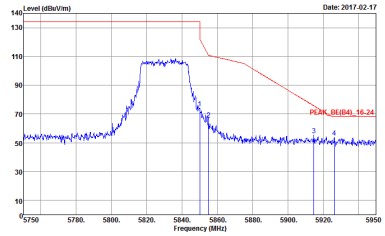
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT30 CH149 5745MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT30 CH149 5745MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 28	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 28
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 28	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT30 CH158 5790MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 29	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 29
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 29	Left blank

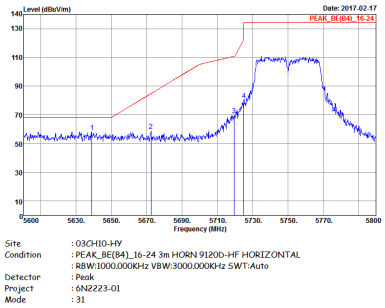
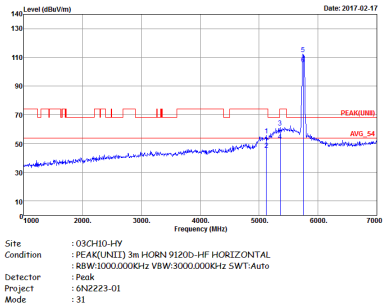
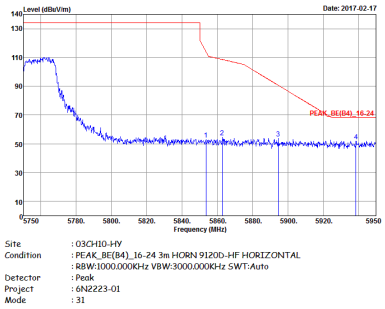
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT30 CH158 5790MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 29	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 29
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 29	Left blank

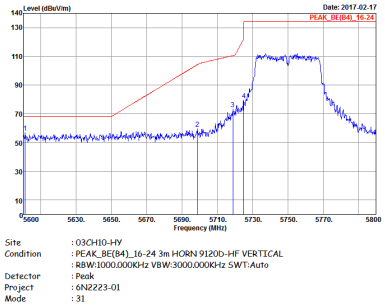
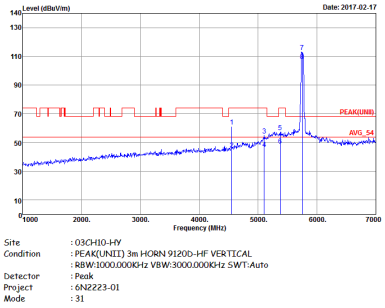
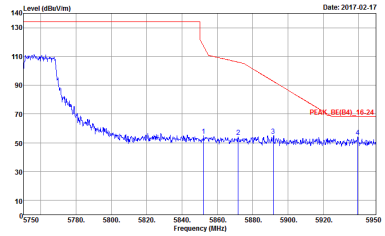
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT30 CH166 5830MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 30	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 30
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 30	Left blank

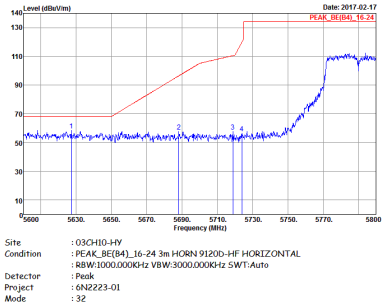
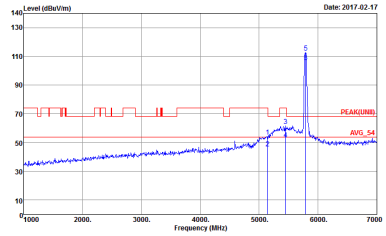
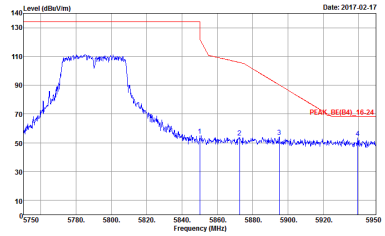
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT30 CH166 5830MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 30	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 30
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 30	Left blank

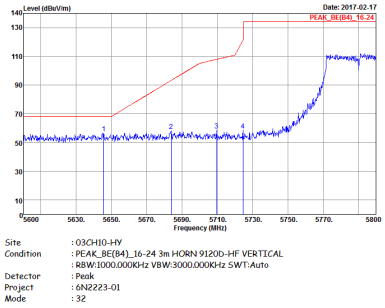
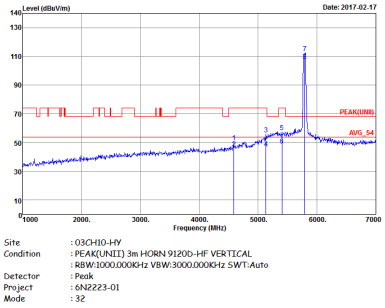
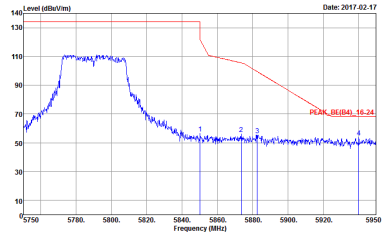
Band 4 5725~5850MHz

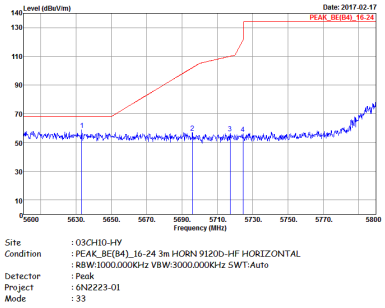
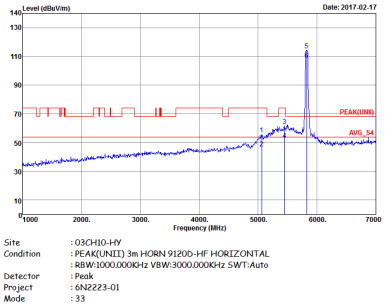
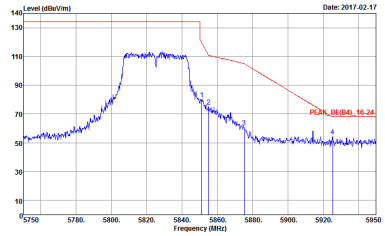
WIFI 802.11ac VHT40 (Band Edge @ 3m)

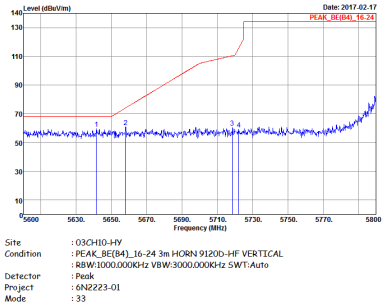
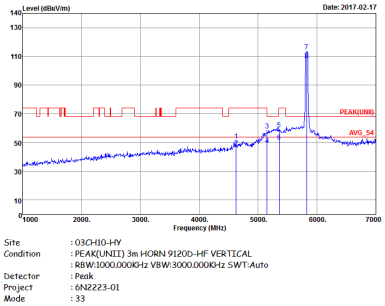
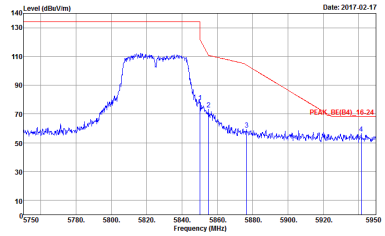
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH150 5750MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH150 5750MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 31	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 31
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 31	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH158 5790MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 32	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 32
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 32	Left blank

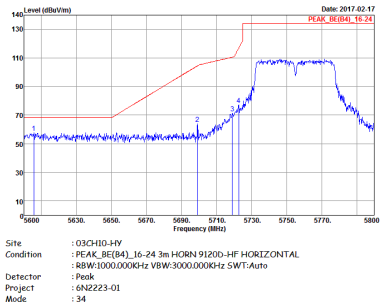
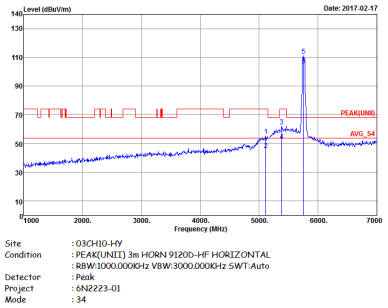
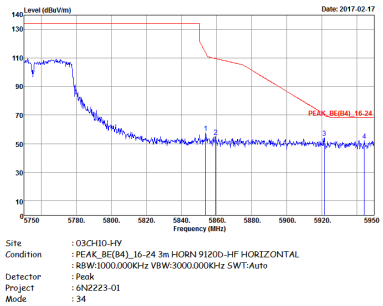
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH158 5790MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 32	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 32
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 32	Left blank

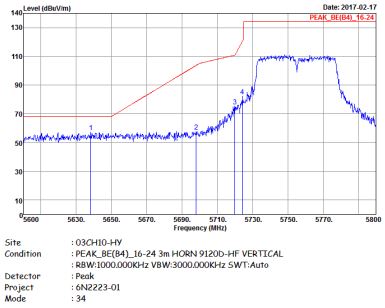
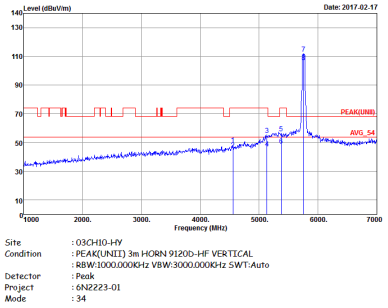
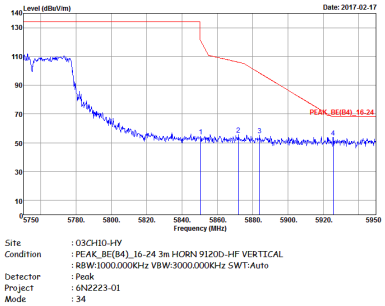
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 33	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 33
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 33	Left blank

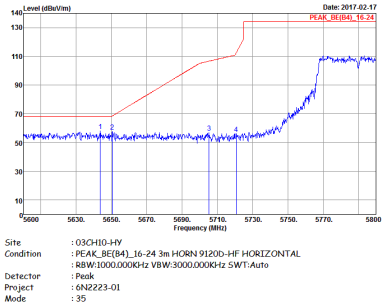
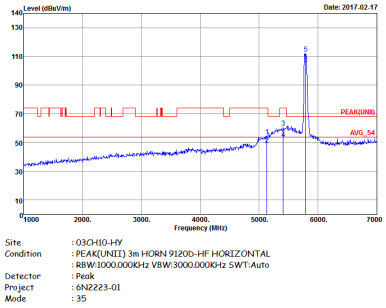
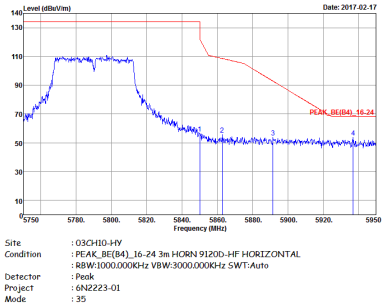
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 33	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 33
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 33	Left blank

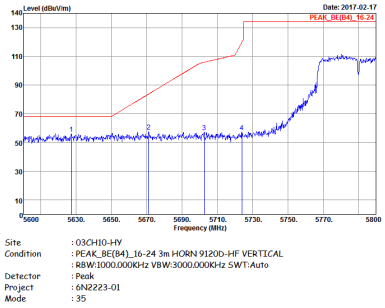
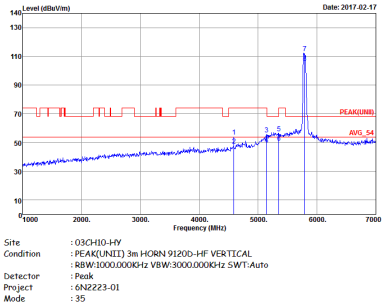
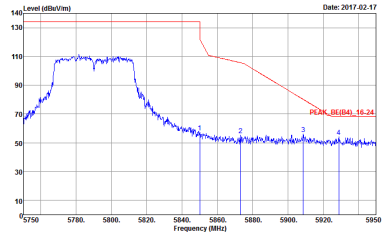
Band 4 5725~5850MHz

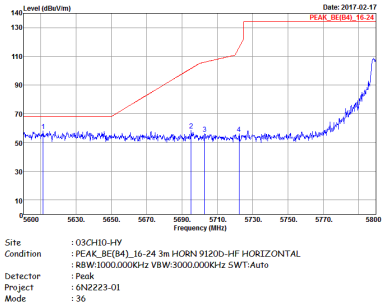
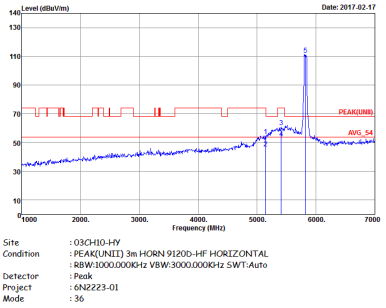
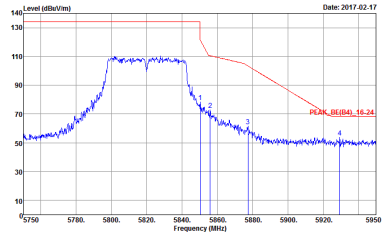
WIFI 802.11ac VHT50 (Band Edge @ 3m)

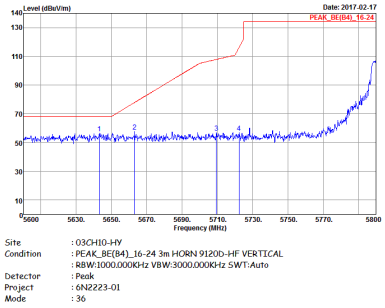
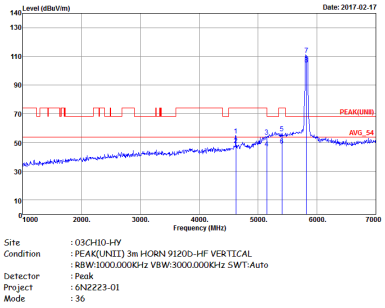
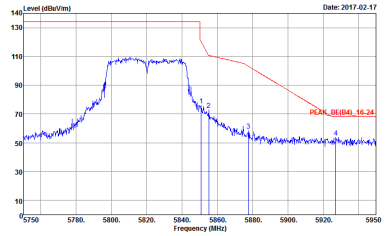
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT50 CH151 5755MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT50 CH151 5755MHz	
1+2	Vertical	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT50 CH158 5790MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

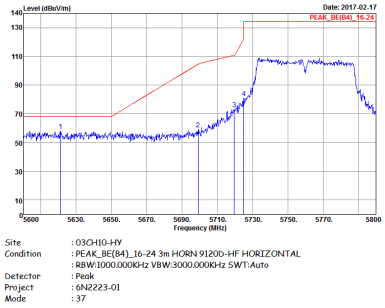
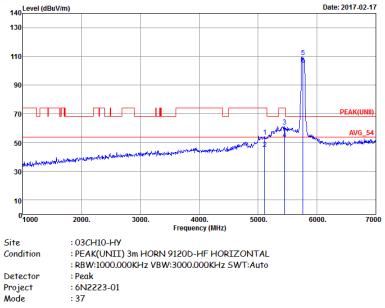
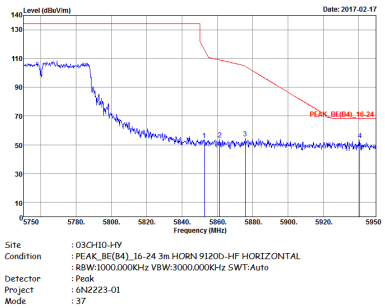
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT50 CH158 5790MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 35	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 35
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 35	Left blank

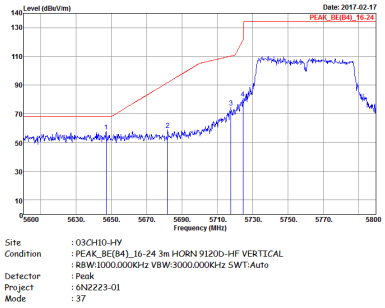
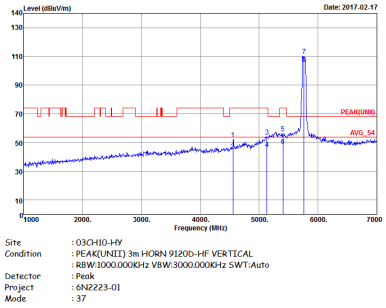
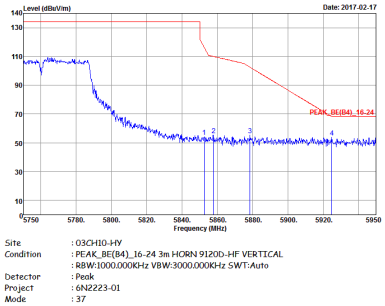
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT50 CH164 5820MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 36	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 36
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 36	Left blank

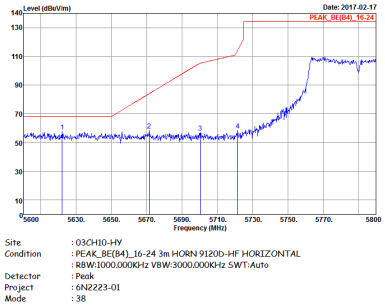
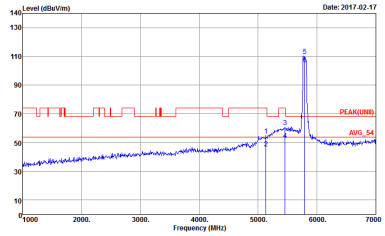
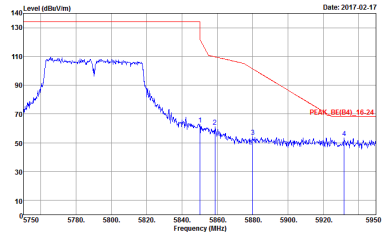
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT50 CH164 5820MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 36	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 36
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 36	Left blank

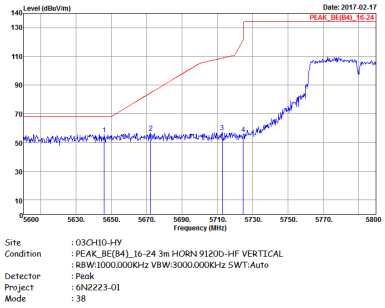
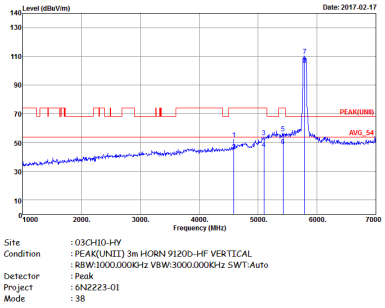
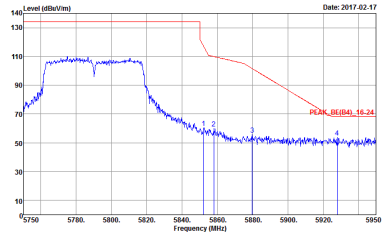
Band 4 5725~5850MHz

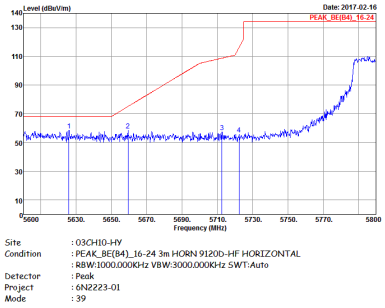
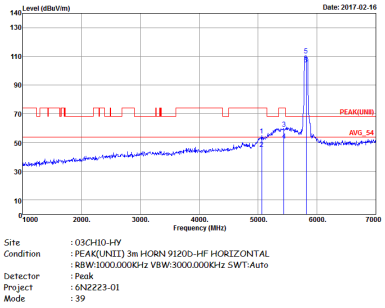
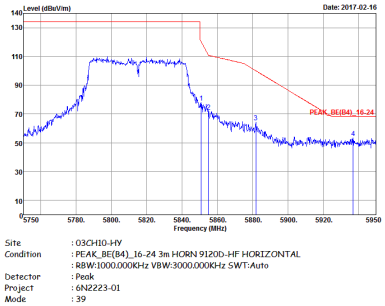
WIFI 802.11ac VHT60 (Band Edge @ 3m)

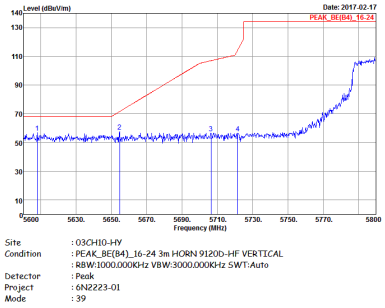
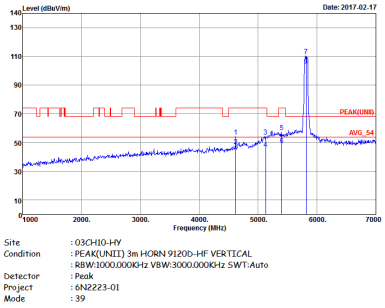
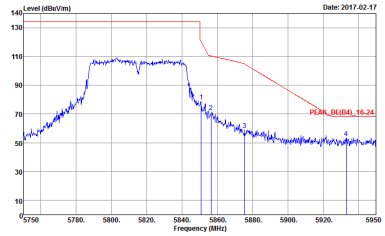
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT60 CH152 5760MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT60 CH152 5760MHz	
1+2	Vertical	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT60 CH158 5790MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 38	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 38
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 38	Left blank

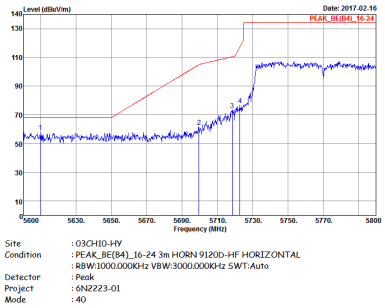
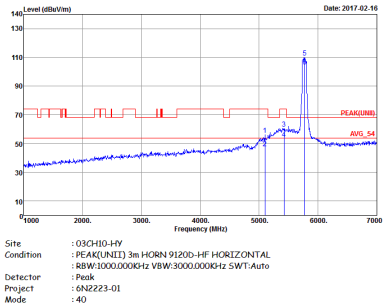
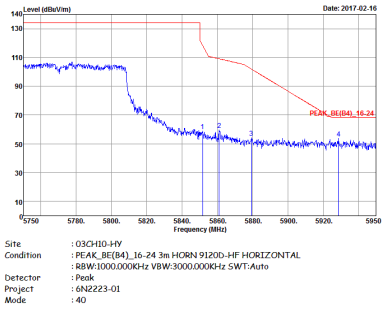
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT60 CH158 5790MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 38	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 38
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 38	Left blank

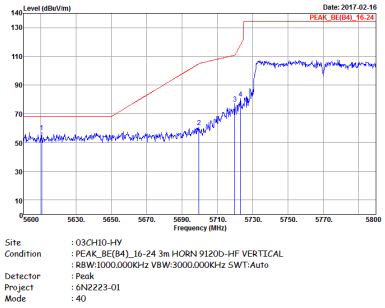
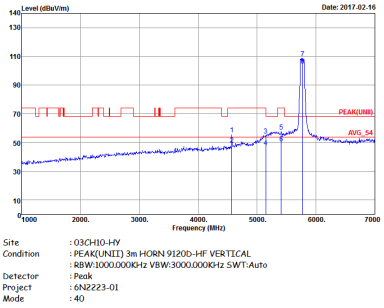
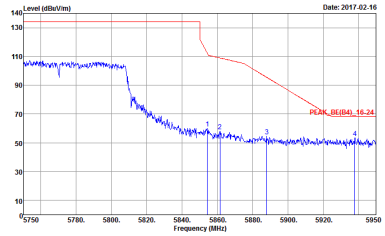
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT60 CH163 5815MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

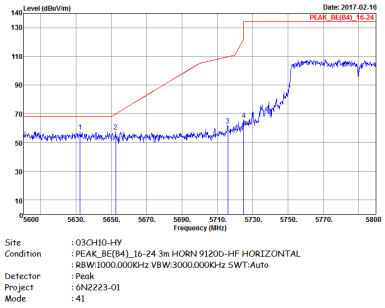
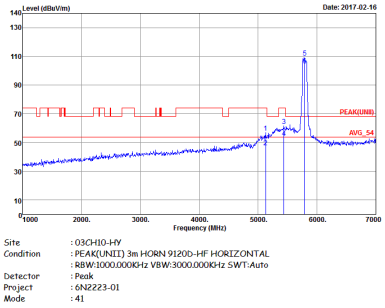
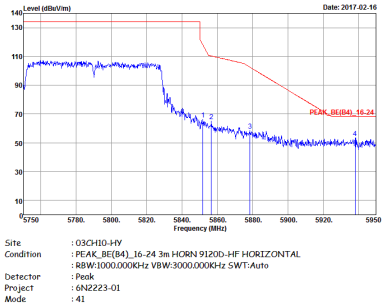
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT60 CH163 5815MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 39	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 39
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 39	Left blank

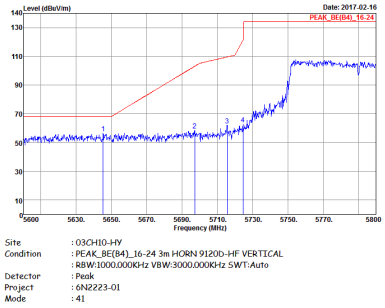
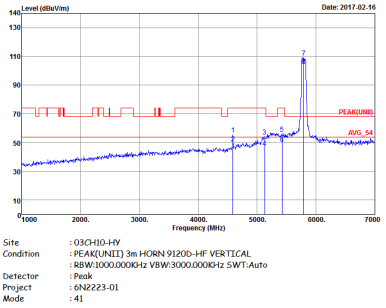
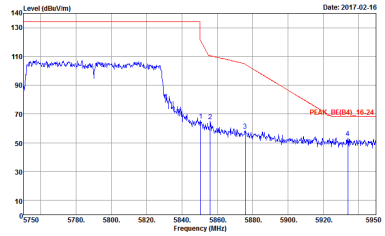
Band 4 5725~5850MHz

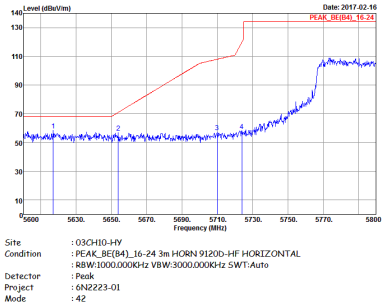
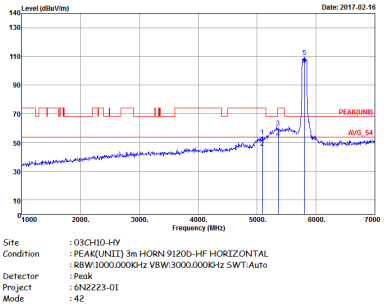
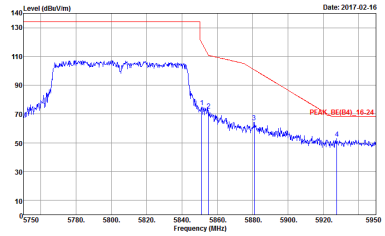
WIFI 802.11ac VHT80 (Band Edge @ 3m)

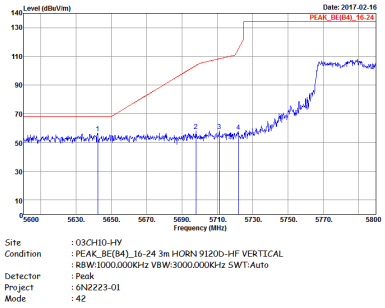
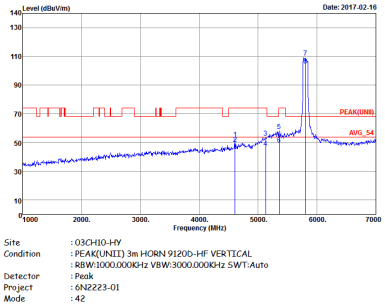
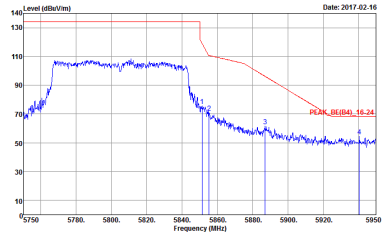
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH154 5770MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH154 5770MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 40	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 40
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 40	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH158 5790MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

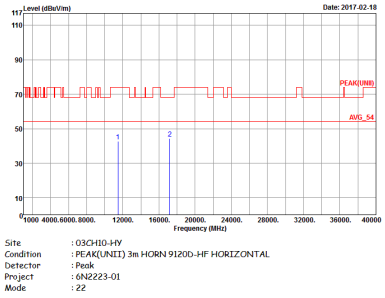
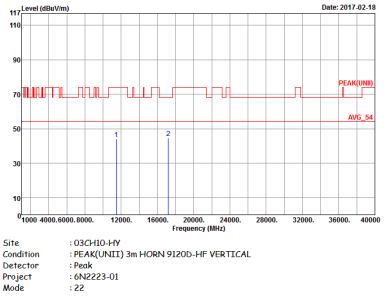
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH158 5790MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 41	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 41
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 41	Left blank

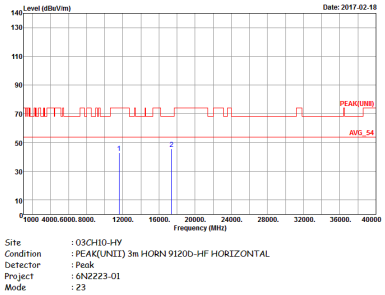
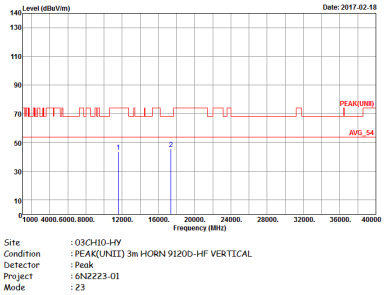
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH161 5805MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 42	 Site : 03CH10-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 42
Peak	 Site : 03CH10-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 42	Left blank

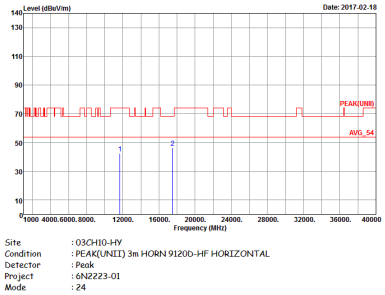
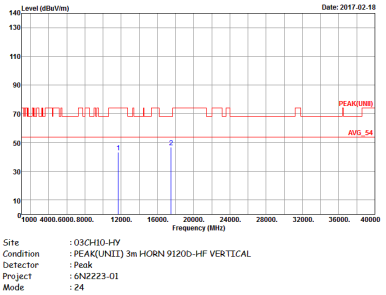
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH161 5805MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 42	 Site : 03CH10-HV Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 42
Peak	 Site : 03CH10-HV Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N2223-01 Mode : 42	Left blank

Band 4 - 5725~5850MHz

WIFI 802.11ac VHT10 (Harmonic @ 3m)

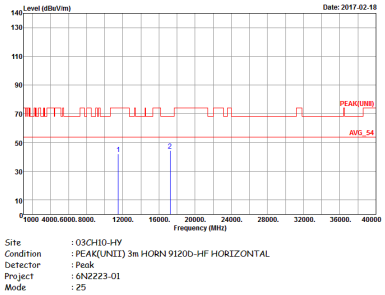
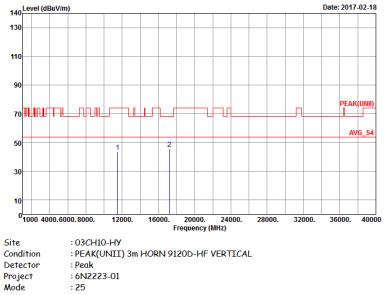
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT CH147 5735MHz	
1+2	Horizontal	Vertical
Peak Avg.		

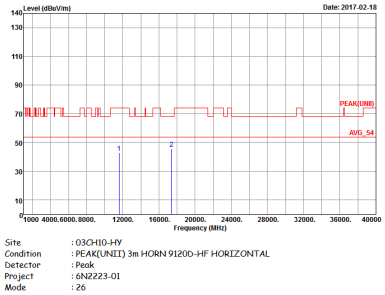
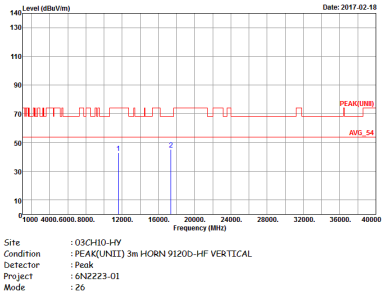
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT10 CH158 5790MHz	
1+2	Horizontal	Vertical
Peak Avg.		

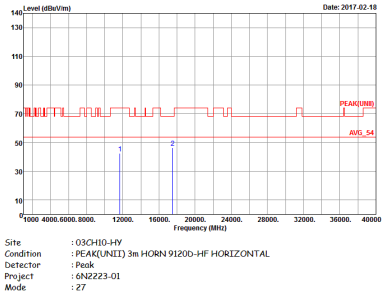
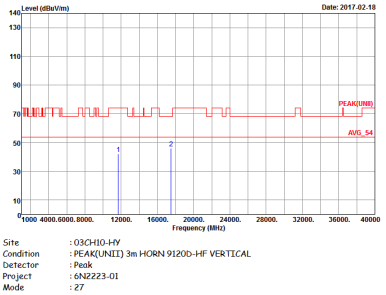
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT10 CH168 5840MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

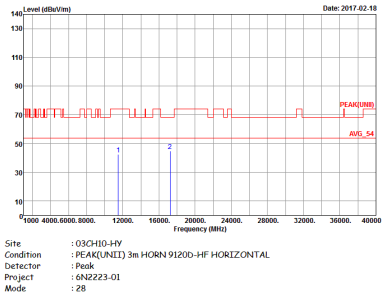
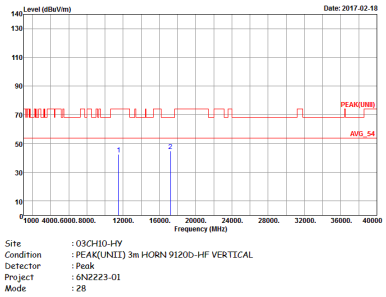
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH148 5740MHz	
1+2	Horizontal	Vertical
Peak Avg.		

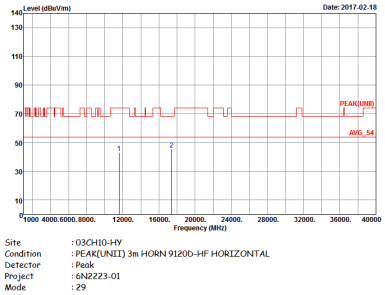
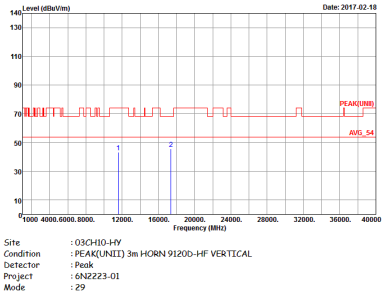
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH158 5790MHz	
1+2	Horizontal	Vertical
Peak Avg.		

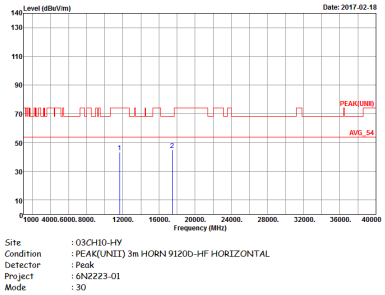
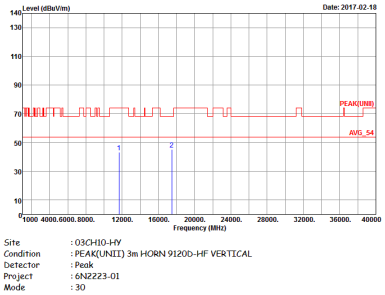
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH167 5835MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

WIFI 802.11ac VHT30 (Harmonic @ 3m)

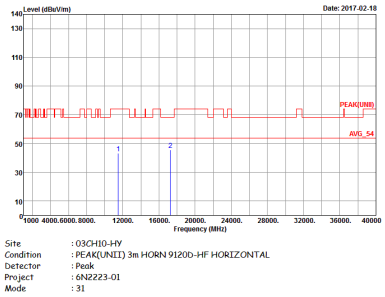
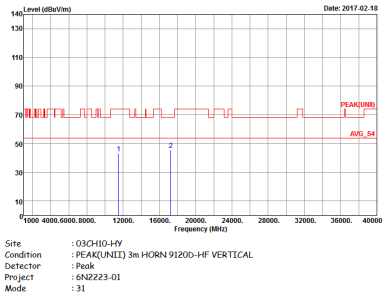
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT30 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.		

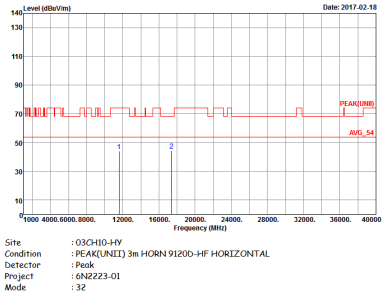
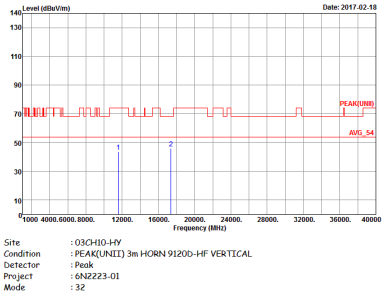
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT30 CH158 5790MHz	
1+2	Horizontal	Vertical
Peak Avg.		

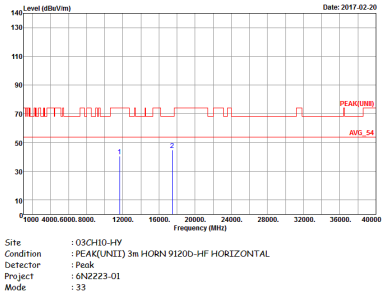
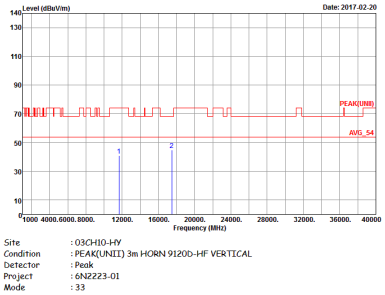
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT30 CH166 5830MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

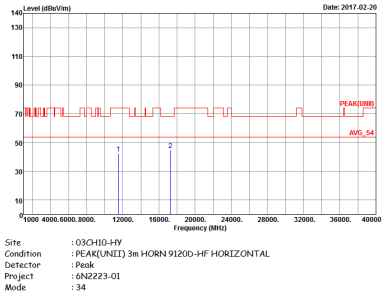
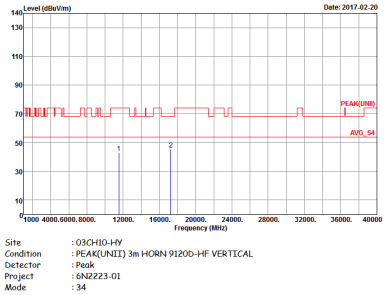
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH150 5750MHz	
1+2	Horizontal	Vertical
Peak Avg.		

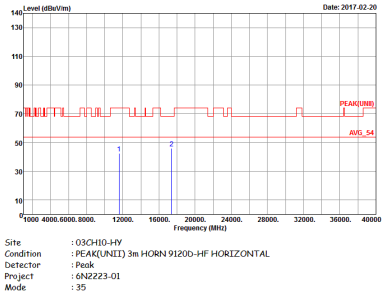
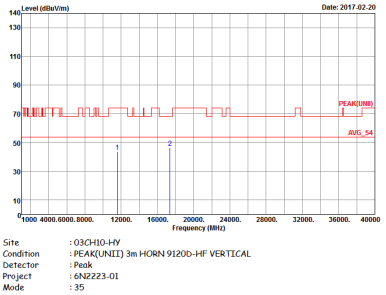
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH158 5790MHz	
1+2	Horizontal	Vertical
Peak Avg.		

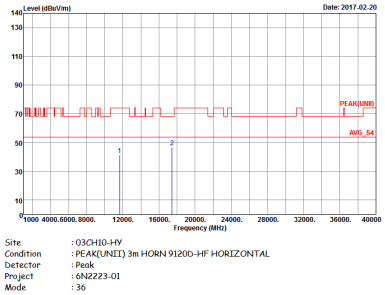
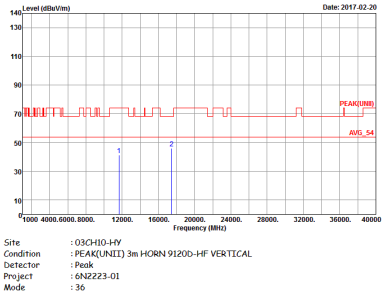
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

WIFI 802.11ac VHT50 (Harmonic @ 3m)

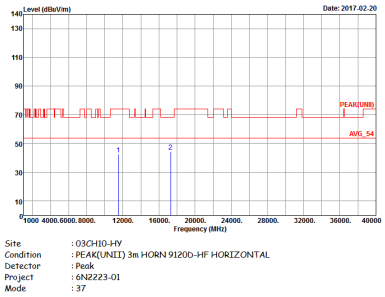
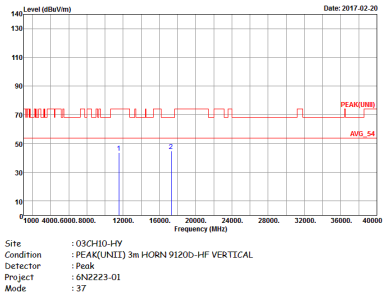
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT50 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.		

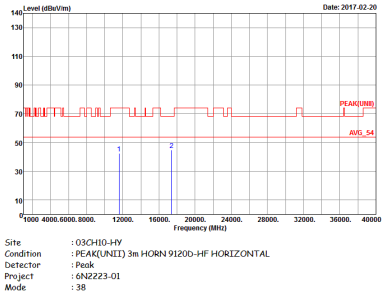
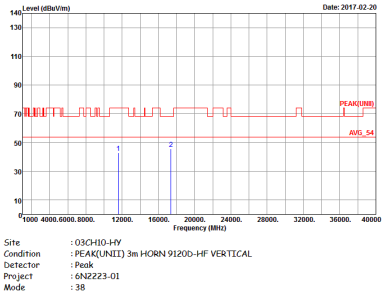
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT50 CH158 5790MHz	
1+2	Horizontal	Vertical
Peak Avg.		

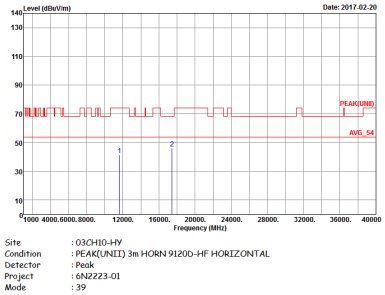
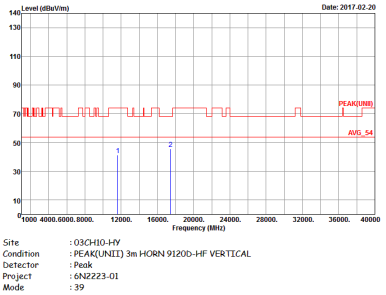
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT50 CH164 5820MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

WIFI 802.11ac VHT60 (Harmonic @ 3m)

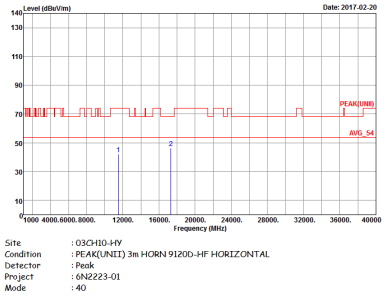
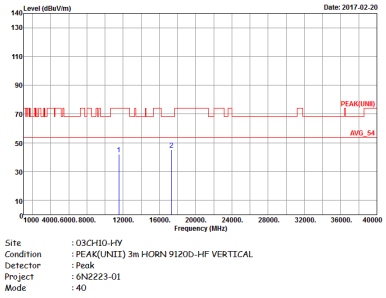
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT60 CH152 5760MHz	
1+2	Horizontal	Vertical
Peak Avg.		

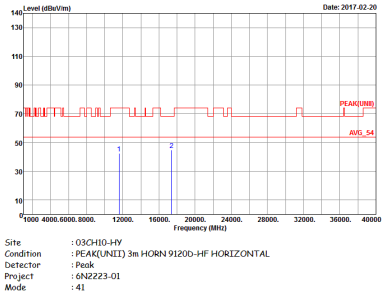
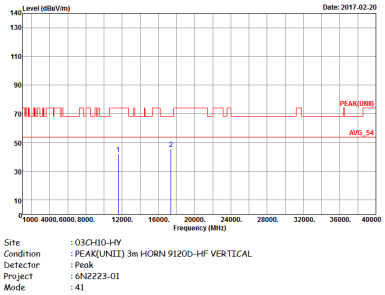
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT60 CH158 5790MHz	
1+2	Horizontal	Vertical
Peak Avg.		

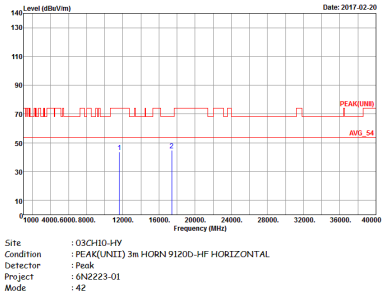
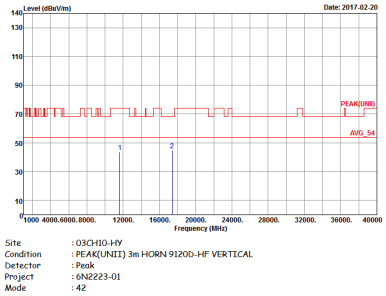
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT60 CH163 5815MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

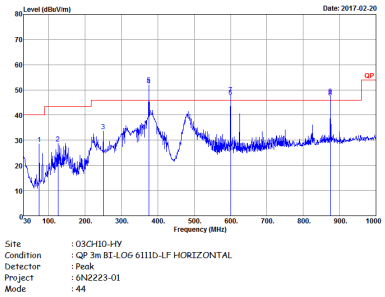
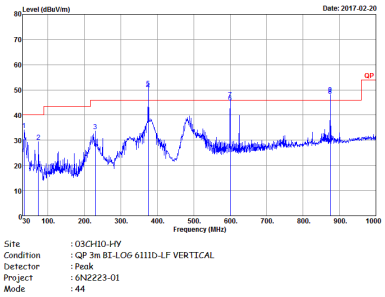
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH154 5770MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH158 5790MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH161 5805MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

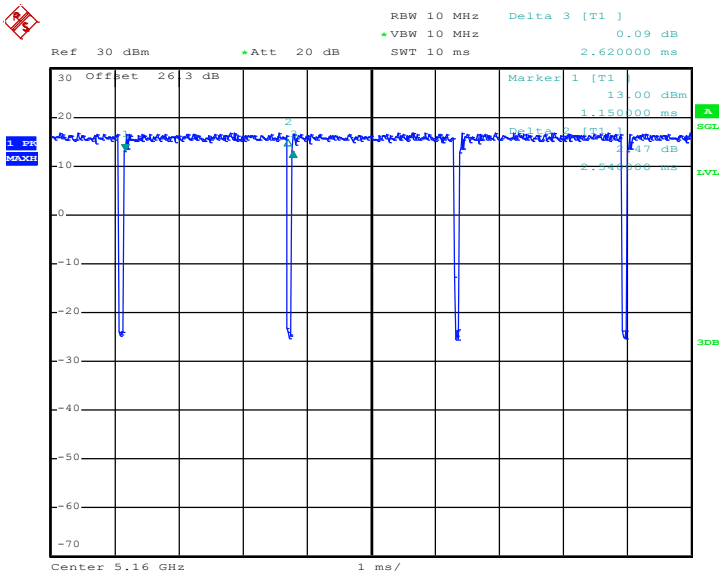
WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
1+2	Horizontal	Vertical
QP / Peak		

Appendix E Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	802.11ac VHT10	96.95	2540.00	0.39	1kHz
2	802.11ac VHT10	96.95	2540.00	0.39	1kHz
1	802.11ac VHT20	95.49	1270.00	0.79	1kHz
2	802.11ac VHT20	94.10	1275.00	0.78	1kHz
1	802.11ac VHT30	92.67	834.00	1.20	3kHz
2	802.11ac VHT30	93.33	840.00	1.19	3kHz
1	802.11ac VHT40	90.48	627.00	1.59	3kHz
2	802.11ac VHT40	91.30	630.00	1.58	3kHz
1	802.11ac VHT50	89.58	516.00	1.94	3kHz
2	802.11ac VHT50	89.58	516.00	1.94	3kHz
1	802.11ac VHT60	85.95	416.00	2.40	3kHz
2	802.11ac VHT60	87.40	416.00	2.40	3kHz
1	802.11ac VHT80	82.67	310.00	3.23	10kHz
2	802.11ac VHT80	82.90	315.00	3.17	10kHz

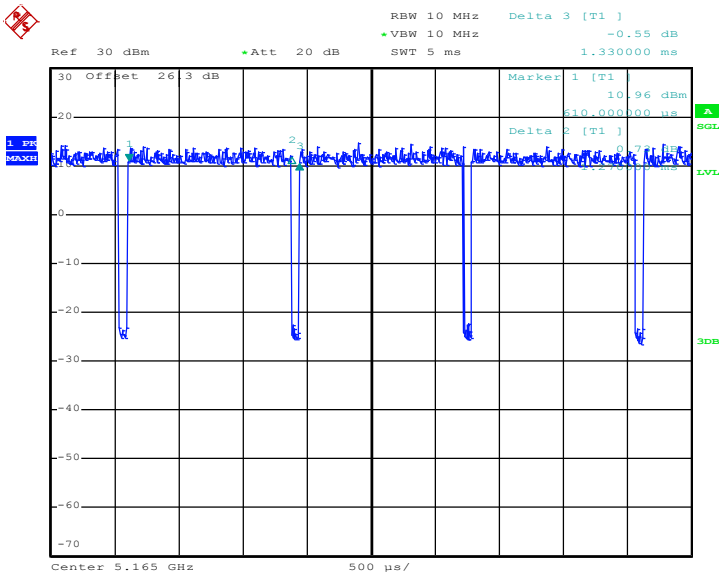
<MIMO Ant. 1+2(1)>

802.11ac VHT10



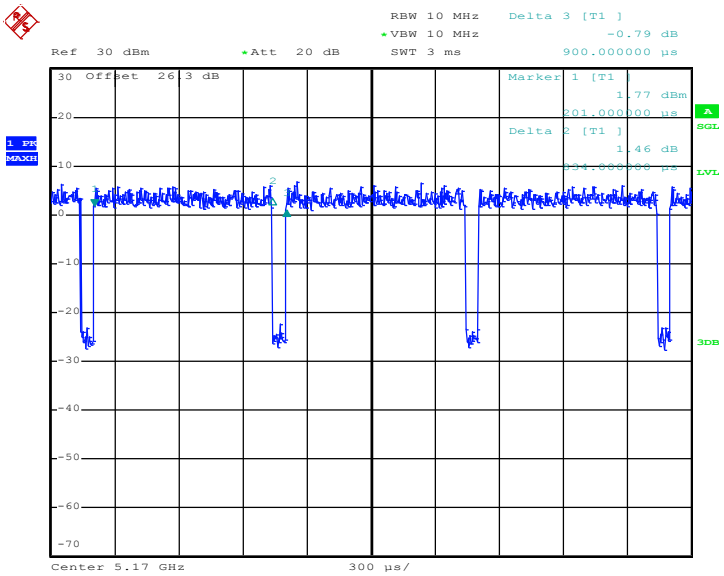
Date: 23.FEB.2017 21:34:38

802.11ac VHT20



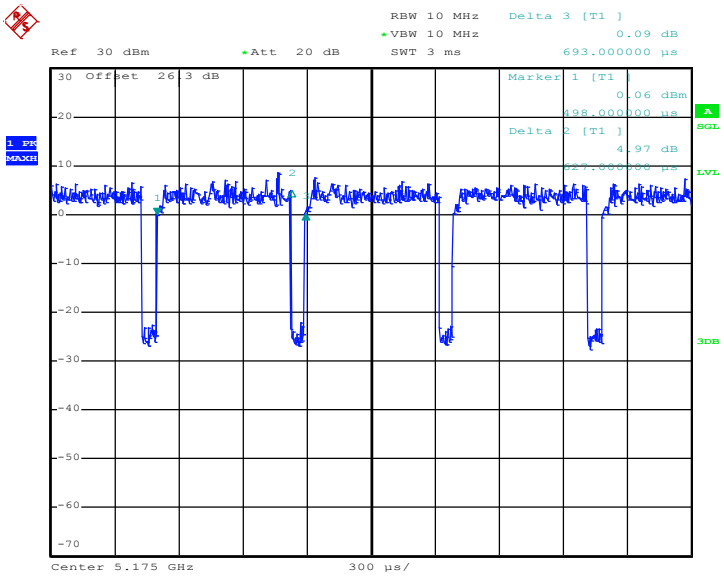
Date: 23.FEB.2017 21:39:28

802.11ac VHT30



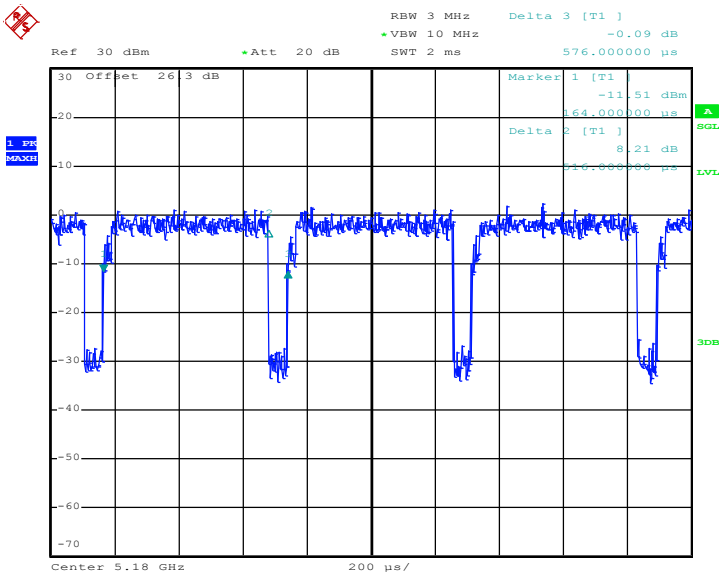
Date: 23.FEB.2017 21:49:14

802.11ac VHT40



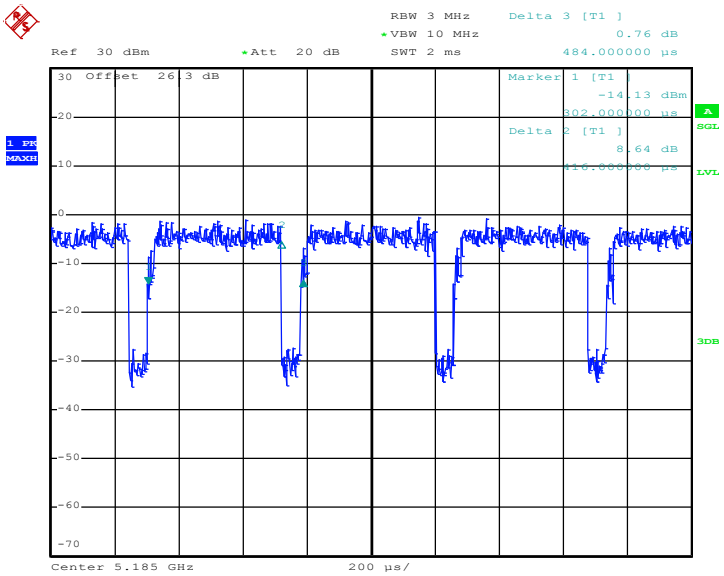
Date: 23.FEB.2017 21:55:22

802.11ac VHT50



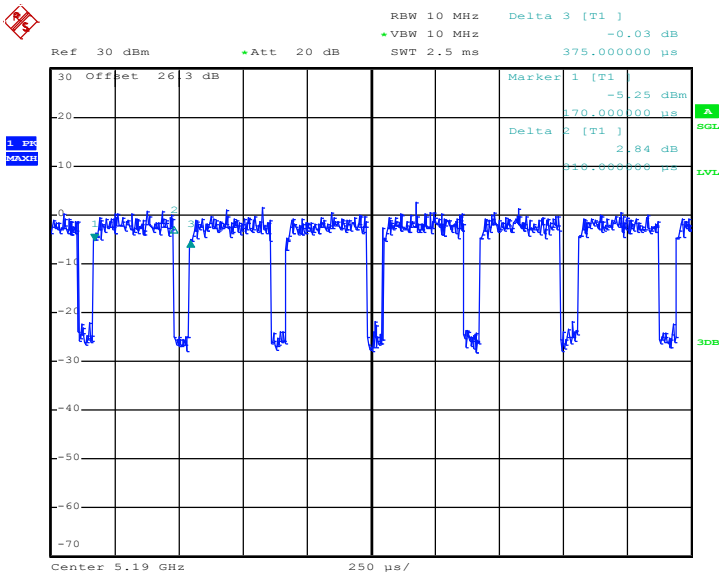
Date: 23.FEB.2017 22:01:52

802.11ac VHT60



Date: 23.FEB.2017 22:12:49

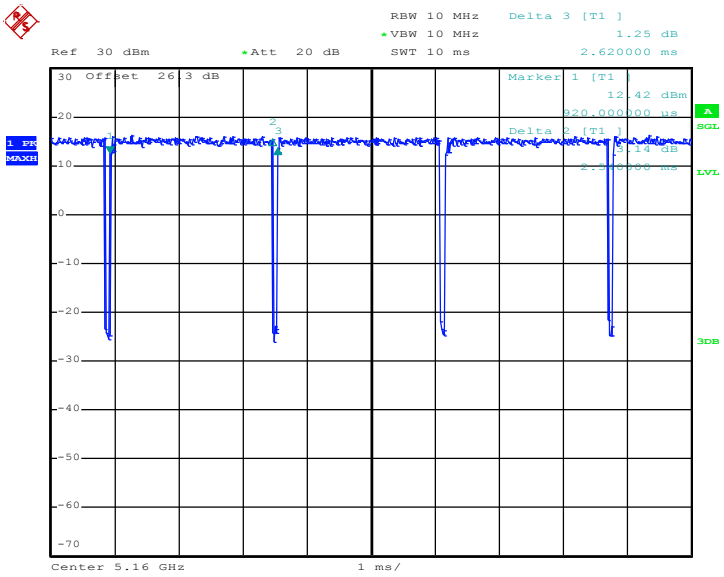
802.11ac VHT80



Date: 23.FEB.2017 22:19:35

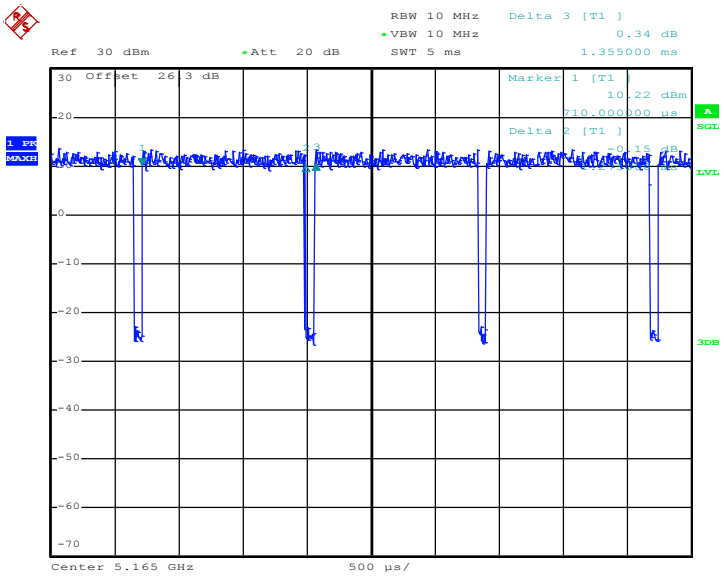
<MIMO Ant. 1+2(2)>

802.11ac VHT10



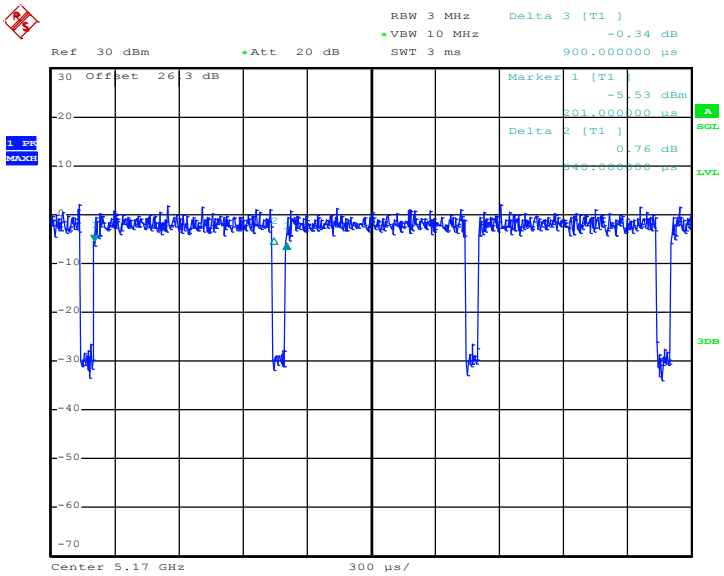
Date: 23.FEB.2017 21:36:32

802.11ac VHT20



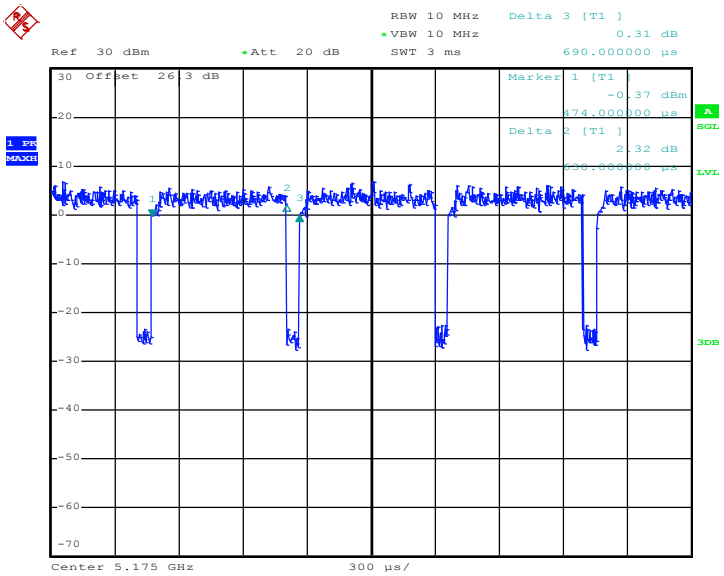
Date: 23.FEB.2017 21:41:14

802.11ac VHT30



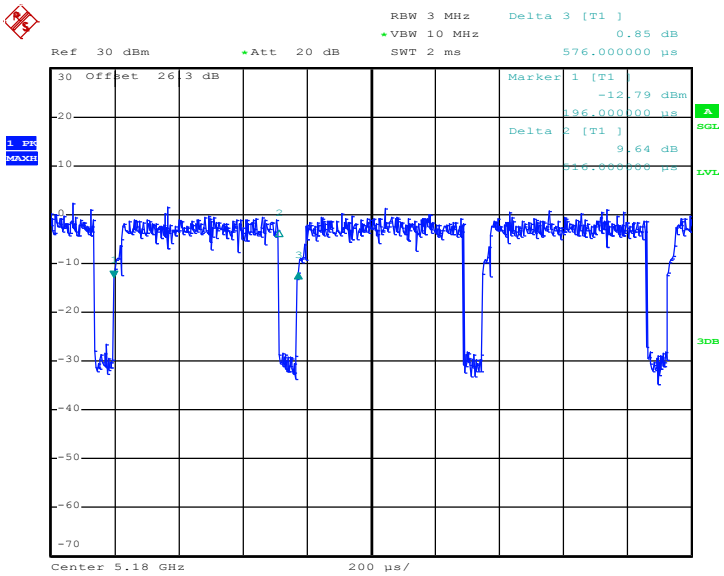
Date: 23.FEB.2017 21:50:35

802.11ac VHT40



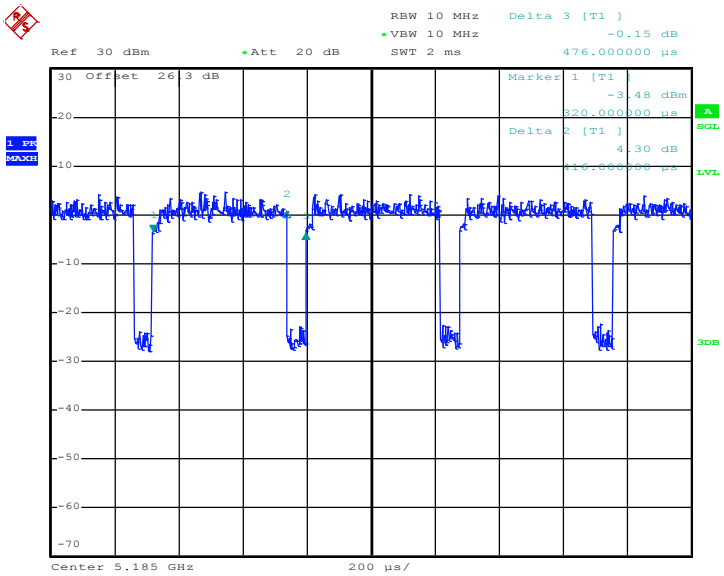
Date: 23.FEB.2017 21:57:44

802.11ac VHT50



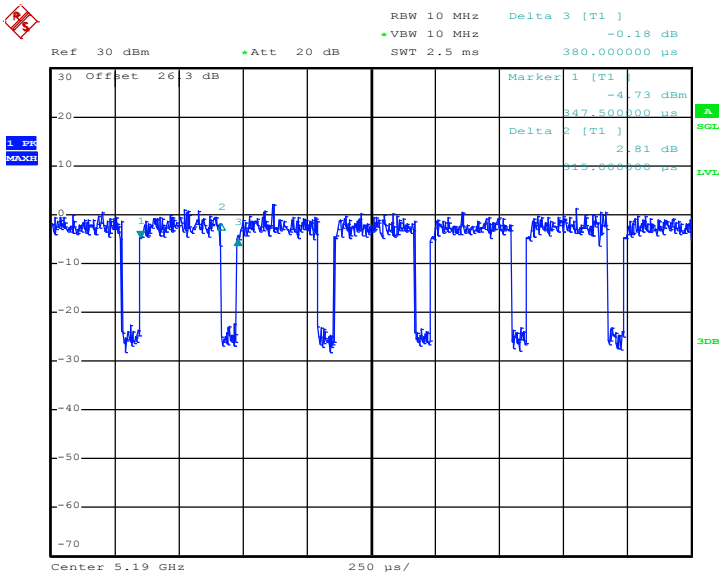
Date: 23.FEB.2017 22:03:16

802.11ac VHT60



Date: 23.FEB.2017 22:14:51

802.11ac VHT80



Date: 23.FEB.2017 22:22:31