



FCC RADIO TEST REPORT

FCC ID : 2ABOF-G1-BN5ASI002
Equipment : Base Node (BN)
Brand Name : Tarana
Model Name : G1BN5ASI002
Marketing Name : G1-BN5ASI002
Applicant : Tarana Wireless
590 Alder Drive, Milpitas, CA 95035
Manufacturer : Tarana Wireless
590 Alder Drive, Milpitas, CA 95035
Standard : FCC Part 15 Subpart E §15.407

The product was received on Oct. 02, 2020 and testing was started from Oct. 09, 2020 and completed on Nov. 26, 2020. We, Sporton International (USA) 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 (USA) Inc., the test report shall not be reproduced except in full.

Approved by: Neil Kao

Sporton International (USA) Inc.
1175 Montague Expressway, Milpitas, CA 95035



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History of this test report

Report No.	Version	Description	Issued Date
FR200624001B	01	Initial issue of report	Dec. 30, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403 (i)	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407 (a)	Maximum Conducted Output Power	Pass	-
3.3	15.407 (a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 0.82 dB at 716.800 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 3.99 dB at 0.492 MHz
3.6	15.407 (c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 & 15.407 (a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



1 General Description

1.1 Product Feature of Equipment Under Test

5 GHz Access Point

Product Specification subjective to this standard	
Antenna Type	Array Antenna
Antenna Gain	5GHz (Band 4): 16.4 dBi

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

1.2 Modification of EUT

An additional ferrite core was added to the AC adaptor close to EUT during radiated test.

1.3 Testing Location

Test Site	Sporton International (USA) Inc.		
Test Site Location	1175 Montague Expressway, Milpitas, CA 95035 TEL : 408 9043300		
Test Site No.	Sporton Site No.		
	TH01-CA	CO01-CA	03CH02-CA

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: AC line conducted emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in two orthogonal planes (stand / sleep) for this wall-mounted device, the worst case stand plane is recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz (U-NII-3)	148	5740	158	5790
	149*	5745	159	5795 [#]
	150	5750	160	5800
	151	5755	161	5805*
	152	5760	162	5810
	153*	5765	163	5815
	154	5770	164	5820
	155 [#]	5775	165	5825*
	156	5780	166	5830
	157*	5785		

Remark:

1. The above Frequency and Channel in "*" is 20MHz channel.
2. The above Frequency and Channel in "[#]" is 40MHz channel.

2.2 Test Mode

Single Carrier

Frequency Band	Bandwidth (MHz)	Low channel Frequency (MHz)	Middle channel Frequency (MHz)	High channel Frequency (MHz)
5725-5850 MHz (U-NII-3)	10	5740	5775	5830
	20	5745	5775	5825
	40	5755	N/A	5795

Multi Carrier (Contiguous)

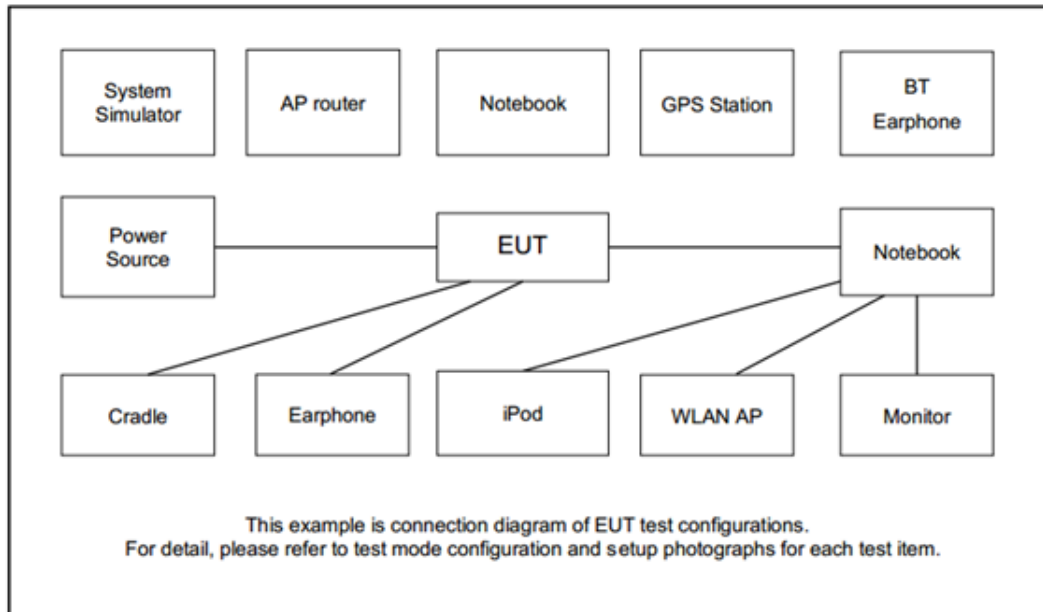
Frequency Band	Bandwidth (MHz)	Low channel Frequency (MHz)	Middle channel Frequency (MHz)	High channel Frequency (MHz)
5725-5850 MHz (U-NII-3)	20 + 20	5745 + 5765	5765 + 5785	5805 + 5825
	20 + 40	N/A	5765 + 5795	N/A
	40 + 20	N/A	5755 + 5785	5795+ 5825
	40 + 40	N/A	5755 + 5795	N/A

Multi Carrier (Non-Contiguous)

Frequency Band	Channel	Low channel Frequency (MHz)	+	High channel Frequency (MHz)
5725-5850 MHz (U-NII-3)	20 + 20	5745	+	5825
	20 + 40	5745	+	5795
	40 + 20	5755	+	5825

Test Cases	
AC Conducted Emission	Mode 1 : (5GHz) TX + RJ45 (Load) + Fiber (Load) + USB (Load) + Adapter
Remark: For Radiated Test Cases, the tests were performed with AC Adapter with ferrite core.	

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Power Rating	Power Cord
1.	AC Adaptor	Meanwell	HEP-480-54/54A	N/A	I/P : 120Vac O/P : 54Vdc, 3.7A	1.8m, non-shielded with ferrite core

2.5 EUT Operation Test Setup

For the RF test item, put the EUT into the engineering modes to provide channel frequency selection, power level adjustment, and enable the continuous transmitting modulated signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

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

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

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

26dB and 99% Occupied bandwidth are reporting only.

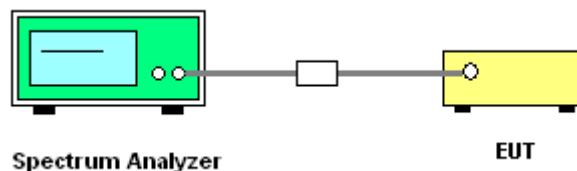
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

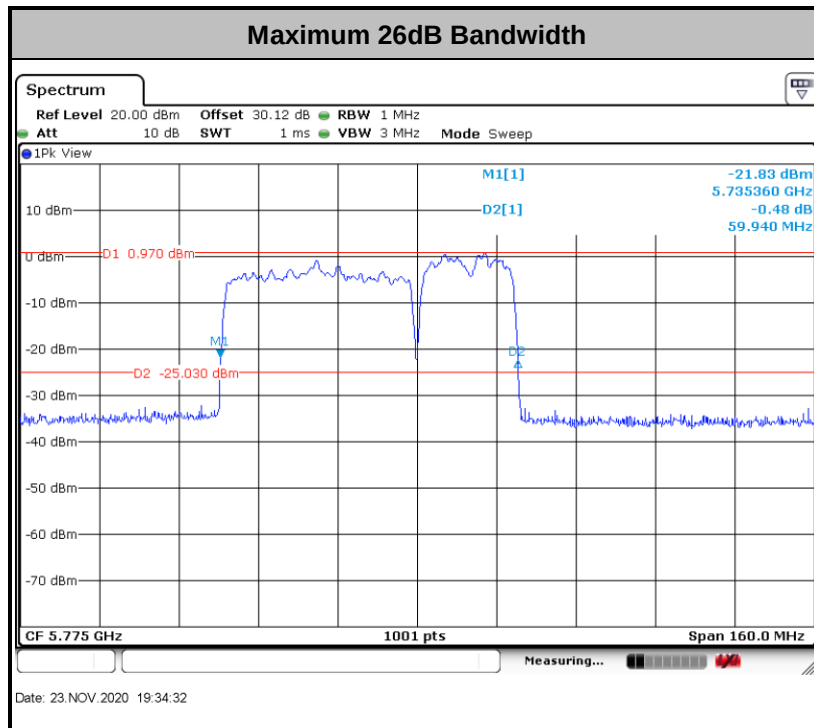
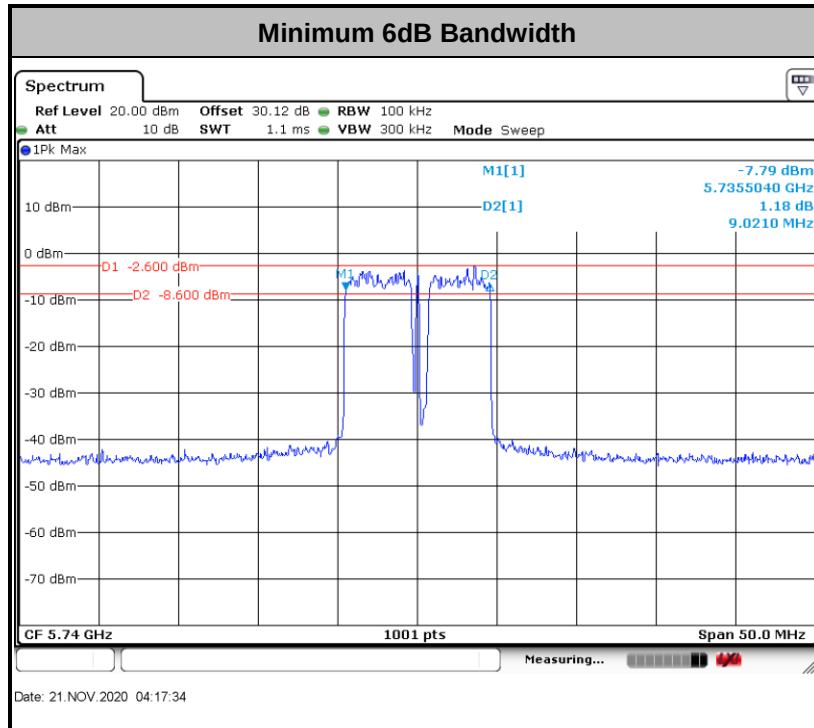
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. Set center frequency to the nominal EUT channel center frequency.
3. Set span = 1.5 times to 5.0 times the OBW.
4. Set RBW = 1% to 5% of the OBW
5. Set the VBW $\geq 3 \times$ RBW.
6. Detector = Peak.
7. Trace mode = max hold.
8. Use the 99% power bandwidth function of the instrument.
9. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.
10. Set RBW = 100kHz
11. Set the VBW $\geq 3 \times$ RBW.
12. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
13. Measure and record the results in the test report.

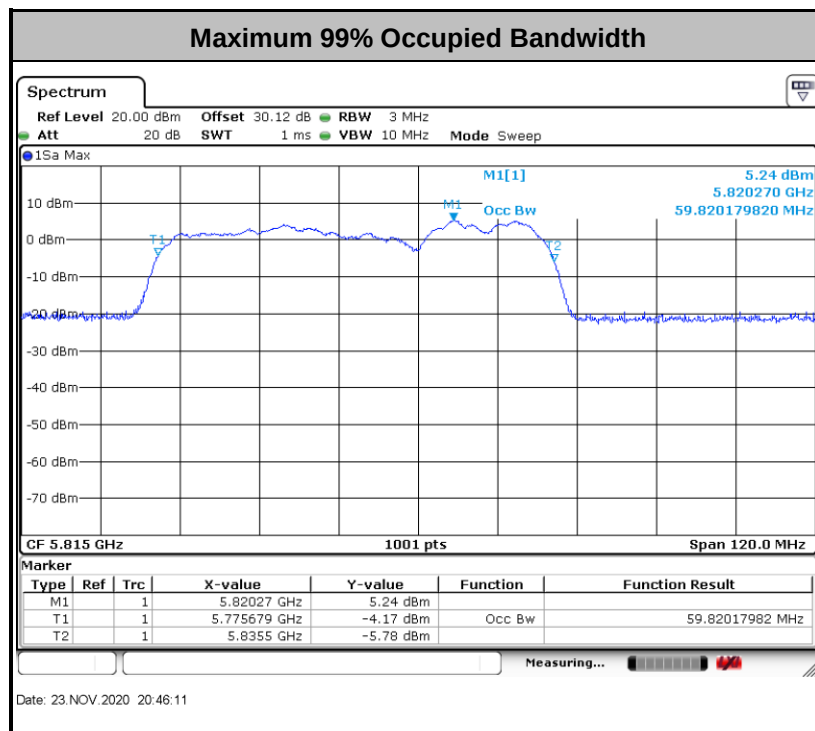
3.1.4 Test Setup



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

Please refer to Appendix A.





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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

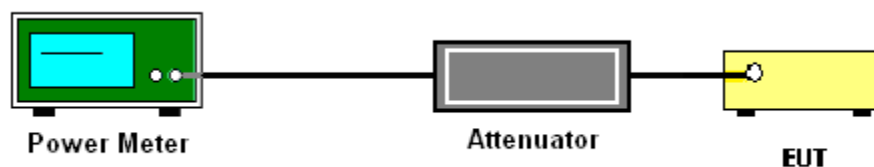
3.2.3 Test Procedures

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

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

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Method SA-2

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

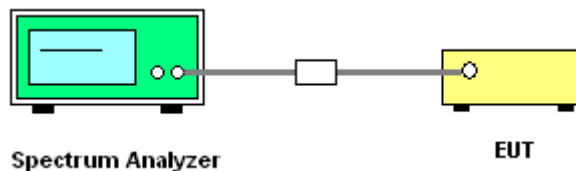
- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 300 kHz.
 - Set VBW $\geq$ 1 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(500\text{kHz}/\text{RBW})$ to the test result.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PSD and record it.

3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

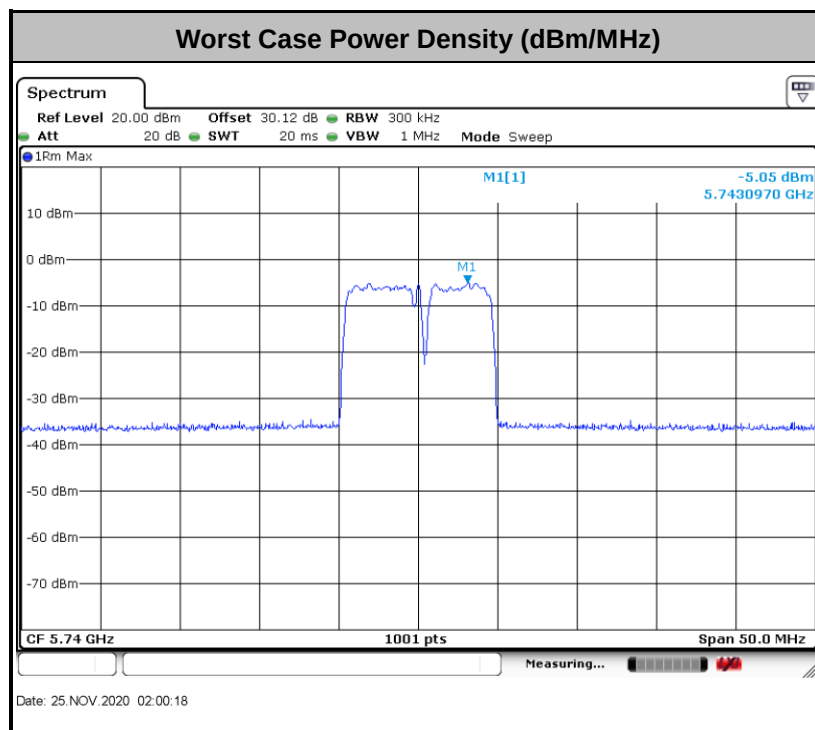
With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{\text{ANT}})$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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5.725-5.85 GHz band:

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

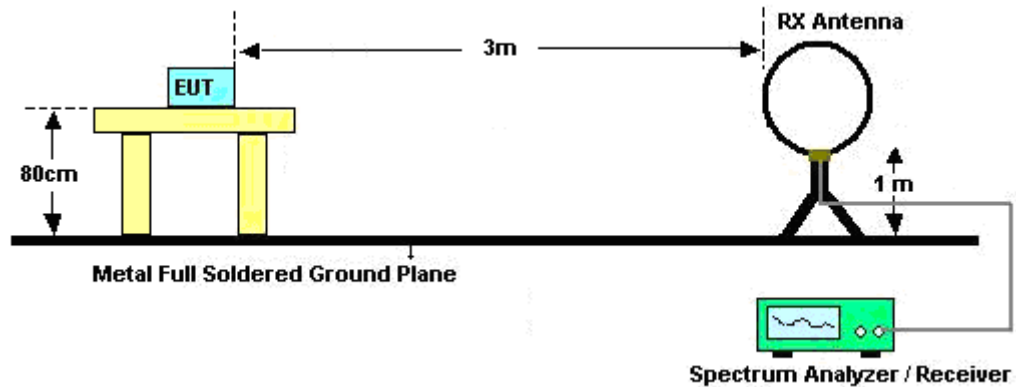
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be

repeated one by one using the CISPR quasi-peak method and reported.

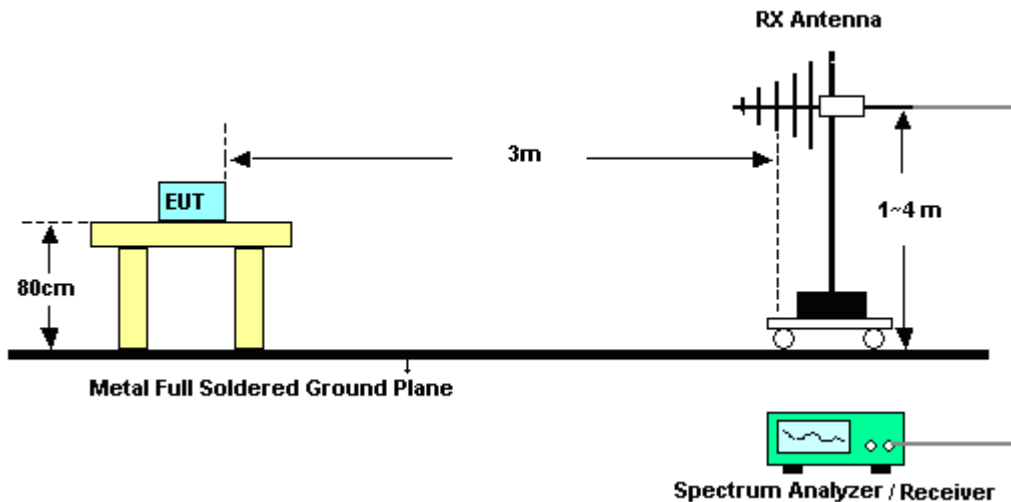
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again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

3.4.4 Test Setup

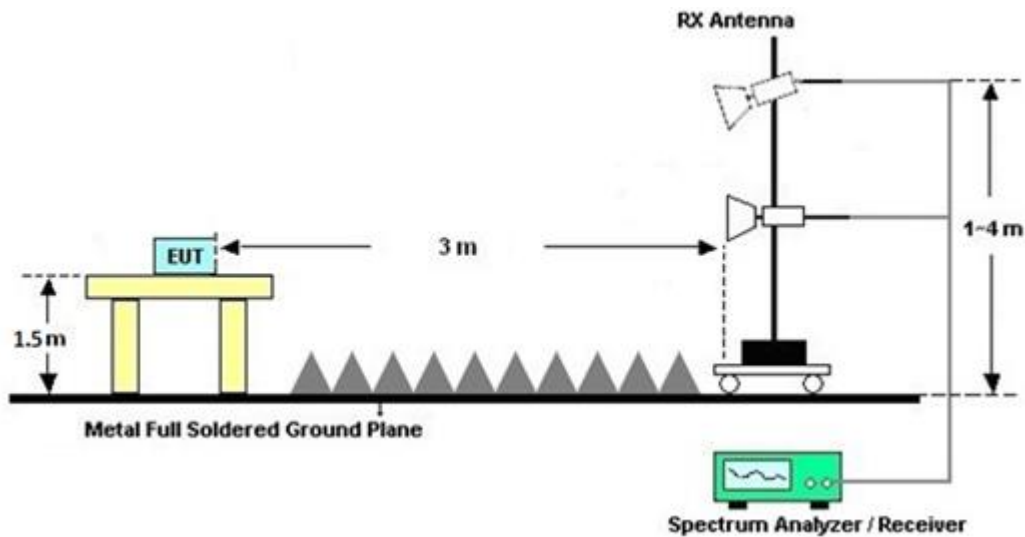
For radiated emissions below 30MHz



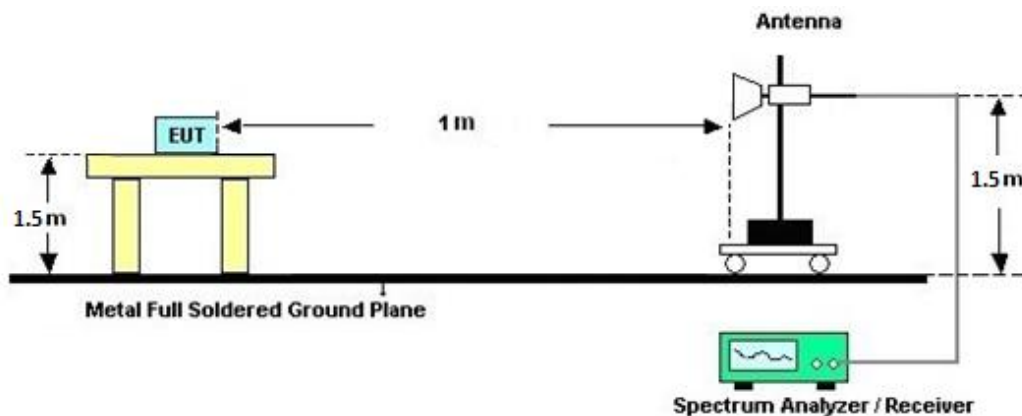
For radiated emissions from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



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

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

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

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C and D.



3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

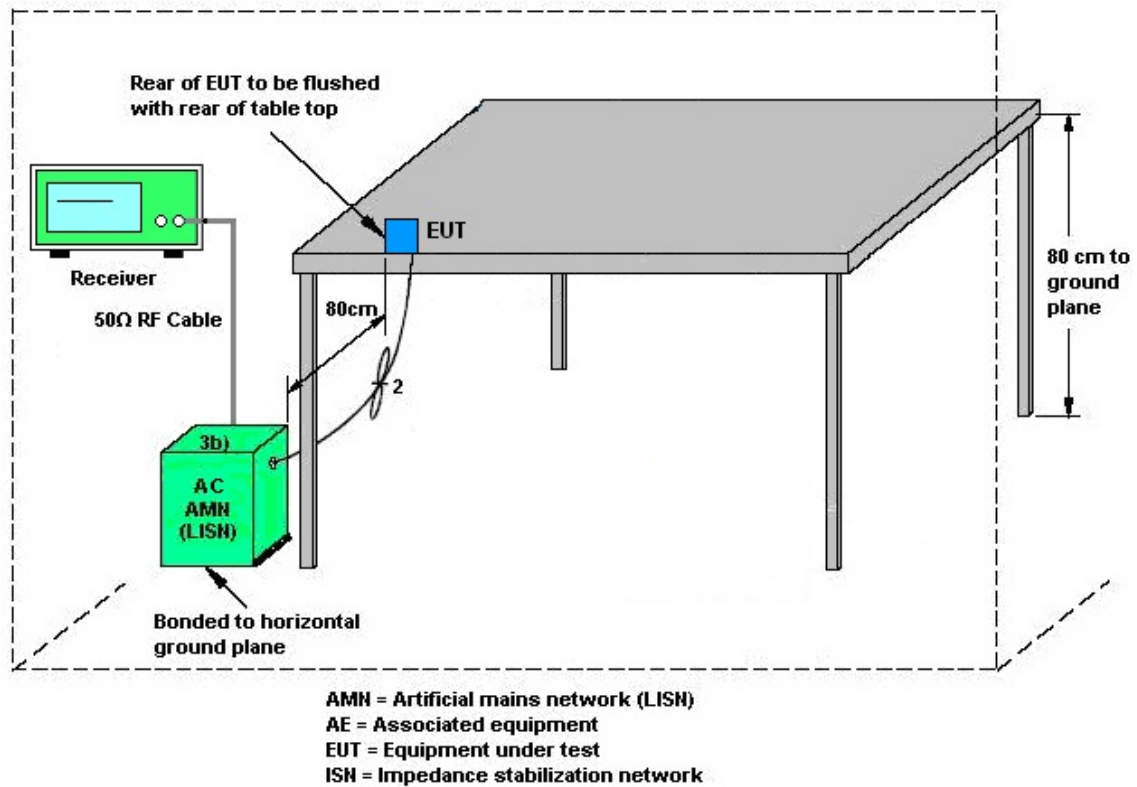
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The device can support MIMO with cross-polarized antenna.

There are a total of 16 antenna ports which are connected to 8 vertical and 8 horizontal antennas.

The manufacturer declares that it always transmits 6 spatial streams jointly across both polarizations.

According to FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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

Array Gain = $10 \log(N_{ANT} = 8 / N_{SS} = 6)$ dB, where the lowest possible N_{SS} is 6.

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 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.

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Gant (dBi)	$10\log(8/6)$ (dB)				
Band IV	16.40	1.25	17.65	17.65	11.65	11.65

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

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 05, 2020	Oct. 09, 2020~ Nov. 25, 2020	Aug. 04, 2021	Conducted (TH01-CA)
Power Sensor	DARE	RPR3006W	RPR6W-1901 026	10MHz~6GHz	Jun. 24, 2020	Oct. 09, 2020~ Nov. 25, 2020	Jun. 23, 2021	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV13	101559	10Hz~13.6GHz	Jun. 17, 2020	Oct. 09, 2020~ Nov. 25, 2020	Jun. 16, 2021	Conducted (TH01-CA)
LISN	TESEQ	NNB51	47407	N/A	Jul. 06, 2020	Oct. 12, 2020	Jul. 05, 2021	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jul. 16, 2020	Oct. 12, 2020	Jul. 15, 2021	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F- N00412	N/A	Jul. 08, 2020	Oct. 12, 2020	Jul. 07, 2021	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Oct. 12, 2020	N/A	Conduction (CO01-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Jul. 29, 2020	Nov. 18, 2020~ Nov. 26, 2020	Jul. 28, 2021	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	01895	1GHz~18GHz	Aug. 28, 2020	Nov. 18, 2020~ Nov. 26, 2020	Aug. 27, 2021	Radiation (03CH02-CA)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00842	18GHz~40GHz	Jul. 27, 2020	Nov. 18, 2020~ Nov. 26, 2020	Jul. 26, 2021	Radiation (03CH02-CA)
Preamplifier	SONOMA	310N	372240	N/A	Aug. 12, 2020	Nov. 18, 2020~ Nov. 26, 2020	Aug. 11, 2021	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 28, 2020	Nov. 18, 2020~ Nov. 26, 2020	Jul. 27, 2021	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18 G-56-01-A70	EC1900251	N/A	Nov. 26, 2019	Nov. 18, 2020~ Nov. 26, 2020	Nov. 25, 2021	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18G-40G	Aug. 07, 2020	Nov. 18, 2020~ Nov. 26, 2020	Aug. 06, 2021	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY57420221	10Hz~44GHz	Sep. 11, 2020	Nov. 18, 2020~ Nov. 26, 2020	Sep. 10, 2021	Radiation (03CH02-CA)
EMI Test Receiver	Rohde & Schwarz	ESU26	100049	20Hz~26.5GHz	Aug. 11, 2020	Nov. 18, 2020~ Nov. 26, 2020	Aug. 10, 2021	Radiation (03CH02-CA)
Hygrometer	TESTO	608-H1	45142602	N/A	Aug. 05, 2020	Nov. 18, 2020~ Nov. 26, 2020	Aug. 04, 2021	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Nov. 18, 2020~ Nov. 26, 2020	N/A	Radiation (03CH02-CA)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.20
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.5
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.1
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5
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Appendix A. Conducted Test Results

Test Engineer :	Andy Kao	Temperature :	21.8~23.8°C
		Relative Humidity :	41.2~48.2%

6dB Bandwidth

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

6dB BW	Low	Middle	High	Limit	Verdict
Single Carrier	MHz	MHz	MHz	MHz	
10MHz	9.02	9.04	9.04	0.5	Pass
20MHz	18.18	18.18	18.18	0.5	Pass
40MHz	34.26	N/A	35.87	0.5	Pass

6dB BW	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	MHz	MHz	MHz	MHz	
20 + 20MHz	37.76	37.94	37.96	0.5	Pass
20 + 40MHz	N/A	43.317	N/A	0.5	Pass
40 + 20MHz	56.42	N/A	57.31	0.5	Pass
40 + 40MHz	N/A	75.92	N/A	0.5	Pass

6dB BW	Low	+	High	Total	Limit	Verdict
Multi Carrier (Non-Contiguous)	MHz		MHz	MHz	MHz	
20 + 20MHz	17.98	N/A	17.98	35.96	0.5	Pass
20 + 40MHz	17.98	N/A	37.40	55.38	0.5	Pass
40 + 20MHz	37.13	N/A	17.98	55.11	0.5	Pass

26dB Bandwidth (Reporting Only)

26dB BW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
10MHz	11.42	11.39	11.43
20MHz	20.48	20.53	20.43
40MHz	39.74	N/A	39.65

26dB BW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	40.46	40.46	40.46
20 + 40MHz	N/A	59.78	N/A
40 + 20MHz	59.94	N/A	59.94
40 + 40MHz	N/A	79.60	N/A

26dB BW	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz		MHz	MHz
20 + 20MHz	20.43	N/A	20.48	40.91
20 + 40MHz	20.53	N/A	39.80	60.33
40 + 20MHz	39.74	N/A	20.53	60.27

99% Occupied Bandwidth (Reporting Only)

OBW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
10MHz	9.29	9.29	9.29
20MHz	18.18	18.18	18.18
40MHz	37.86	N/A	37.86

OBW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	38.66	38.66	38.66
20 + 40MHz	N/A	59.58	N/A
40 + 20MHz	59.70	N/A	59.82
40 + 40MHz	N/A	78.16	N/A

OBW	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz		MHz	MHz
20 + 20MHz	18.08	N/A	18.08	36.16
20 + 40MHz	18.08	N/A	37.32	55.40
40 + 20MHz	37.26	N/A	18.08	55.34

Conducted Output Power

Antenna Gain = 16.4dBi

Directional Gain (8H/8V) = 16.4dBi + 10log(Ntx = 8 / Nss = 6) = 17.65dBi

Conducted power limit = 30 – (Directional Gain – 6) = 18.35 dBm

	Single chain			All 16 chains (+ 12.06dB)				
Conducted Power	Low	Middle	High	Low	Middle	High	Limit	Verdict
Single Carrier	dBm	dBm	dBm	dBm	dBm	dBm	dBm	
10MHz	6.22	6.22	6.22	18.26	18.26	18.26	18.35	Pass
20MHz	6.22	6.22	6.22	18.26	18.26	18.26	18.35	Pass
40MHz	6.22	N/A	6.22	18.26	N/A	18.26	18.35	Pass

Conducted Power	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	dBm	dBm	dBm	dBm	dBm	dBm	dBm	
20 + 20MHz	6.22	6.22	6.22	18.26	18.26	18.26	18.35	Pass
20 + 40MHz	N/A	6.22	N/A	N/A	18.26	N/A	18.35	Pass
40 + 20MHz	N/A	6.22	6.22	N/A	18.26	18.26	18.35	Pass
40 + 40MHz	N/A	6.22	N/A	N/A	18.26	N/A	18.35	Pass

Conducted Power	Low	+	High	Low	+	High	Limit	Verdict
Multi Carrier (Non-Contiguous)		dBm			dBm		dBm	
20 + 20MHz		6.22			18.26		18.35	Pass
20 + 40MHz		6.22			18.26		18.35	Pass
40 + 20MHz		6.22			18.26		18.35	Pass

Power Spectral Density

Antenna Gain = 16.4dBi

Directional Gain (8H/8V) = 16.4dBi + 10log(Ntx = 8 / Nss = 6) = 17.65dBi

Conducted PSD limit = 30 – (Directional Gain – 6) = 18.35 dBm/500kHz

	Single Chain			All 16 chains (+ 12.06dB)				
PSD	Low	Middle	High	Low	Middle	High	Limit	Verdict
Single Carrier	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	
10MHz	-5.05	-5.18	-5.45	6.99	6.86	6.59	18.35	Pass
20MHz	-5.59	-6.34	-7.73	6.45	5.70	4.31	18.35	Pass
40MHz	-6.06	N/A	-6.94	5.98	N/A	5.10	18.35	Pass

PSD	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	
20 + 20MHz	-8.43	-6.17	-7.22	3.61	5.87	4.82	18.35	Pass
20 + 40MHz	N/A	-6.57	N/A	N/A	5.47	N/A	18.35	Pass
40 + 20MHz	-5.90	N/A	-6.64	6.14	N/A	5.40	18.35	Pass
40 + 40MHz	N/A	-5.83	N/A	N/A	6.21	N/A	18.35	Pass

PSD							Limit	Verdict
Multi Carrier (Non-Contiguous)	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	
20 + 20MHz	-5.38	N/A	-12.83	6.66	N/A	-0.79	18.35	Pass
20 + 40MHz	-5.42	N/A	-13.83	6.62	N/A	-1.79	18.35	Pass
40 + 20MHz	-5.80	N/A	-12.07	6.24	N/A	-0.03	18.35	Pass

Note: The RBW factor 10log(500kHz/RBW) = 2.22dB is added, where RBW is 300kHz.



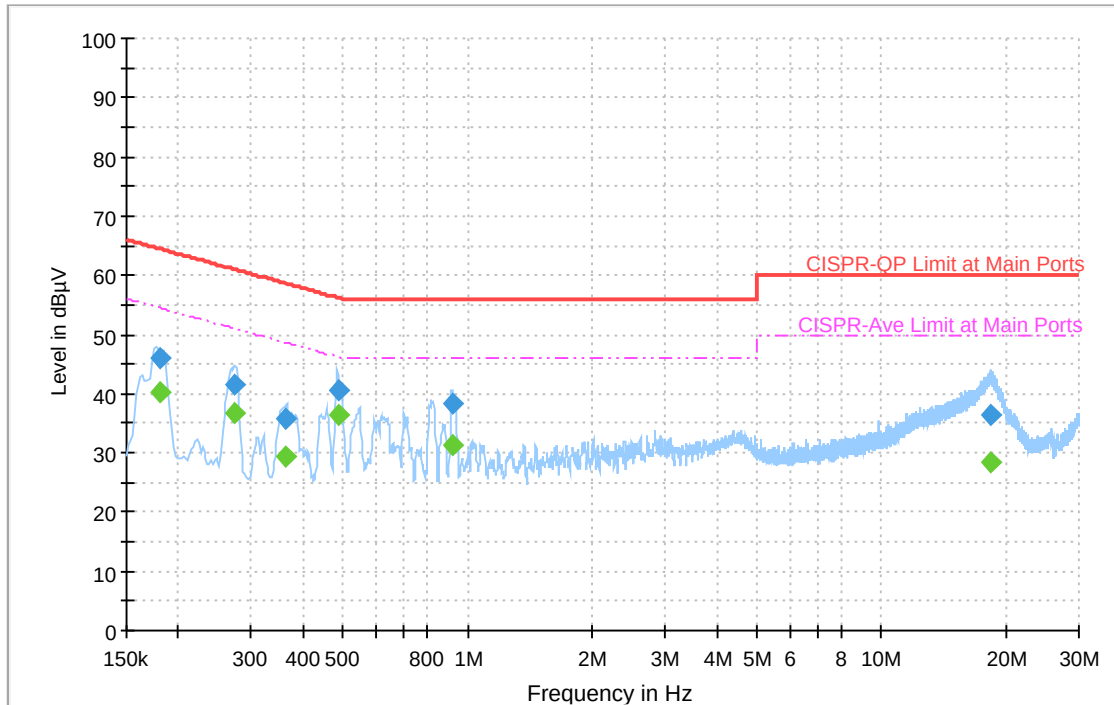
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Ram Prashanth Vallam	Temperature :	22.8°C
		Relative Humidity :	42.6%

EUT Information

Test Site : CO01-CA
Mode 1
Test Voltage: 120Vac/60Hz
Project Tarana RN
Line

Full Spectrum



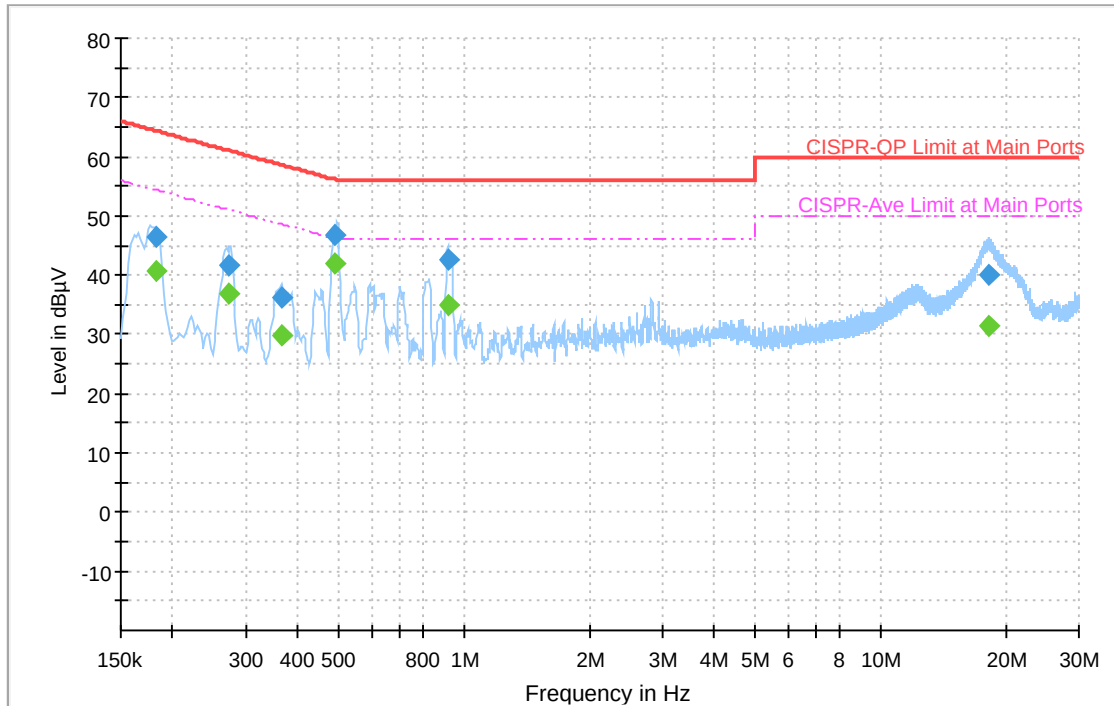
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	46.13	---	64.42	18.29	L1	OFF	20.0
0.181500	---	40.40	54.42	14.02	L1	OFF	20.0
0.272670	41.48	---	61.04	19.56	L1	OFF	20.0
0.272670	---	36.75	51.04	14.29	L1	OFF	20.0
0.365280	35.82	---	58.61	22.79	L1	OFF	20.0
0.365280	---	29.29	48.61	19.32	L1	OFF	20.0
0.487590	40.49	---	56.21	15.72	L1	OFF	20.0
0.487590	---	36.27	46.21	9.94	L1	OFF	20.0
0.917970	38.28	---	56.00	17.72	L1	OFF	20.0
0.917970	---	31.16	46.00	14.84	L1	OFF	20.0
18.363750	36.51	---	60.00	23.49	L1	OFF	20.4
18.363750	---	28.37	50.00	21.63	L1	OFF	20.4

EUT Information

Test Voltage: 120Vac/60Hz
Project: Tarana RN
Phase: Neutral
Mode: 1

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	46.44	---	64.42	17.98	N	OFF	20.0
0.181500	---	40.74	54.42	13.68	N	OFF	20.0
0.272670	41.57	---	61.04	19.47	N	OFF	20.0
0.272670	---	36.73	51.04	14.31	N	OFF	20.0
0.365280	36.15	---	58.61	22.46	N	OFF	20.0
0.365280	---	29.71	48.61	18.90	N	OFF	20.0
0.492000	46.78	---	56.13	9.35	N	OFF	20.0
0.492000	---	42.14	46.13	3.99	N	OFF	20.0
0.917970	42.55	---	56.00	13.45	N	OFF	20.0
0.917970	---	35.07	46.00	10.93	N	OFF	20.0
18.174750	39.97	---	60.00	20.03	N	OFF	20.4
18.174750	---	31.43	50.00	18.57	N	OFF	20.4



Appendix C. Radiated Spurious Emission

Test Engineer :	Calvin Wu and Peter Liao	Temperature :	21~25°C
		Relative Humidity :	49~58%

<Single Carrier>

Band 4 - 5725~5850MHz

VHT10 (Band Edge @ 3m)

Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT10 CH 148 5740MHz		5638.4	55.76	-12.44	68.2	42.51	31.87	11.57	30.19	175	4	P	H
		5670.8	57.97	-25.66	83.63	44.67	31.89	11.61	30.2	175	4	P	H
		5707.8	57.39	-50	107.39	43.98	31.96	11.65	30.2	175	4	P	H
		5724.2	58.26	-62.12	120.38	44.76	32.04	11.67	30.21	175	4	P	H
	*	5740	117.21	-	-	103.63	32.11	11.69	30.22	175	4	P	H
	*	5740	108.62	-	-	95.04	32.11	11.69	30.22	175	4	A	H
													H
													H
		5603	52.32	-15.88	68.2	39.17	31.79	11.53	30.17	204	323	P	V
		5681	51.9	-39.28	91.18	38.57	31.91	11.62	30.2	204	323	P	V
		5710.2	53.52	-54.54	108.06	40.06	32	11.66	30.2	204	323	P	V
		5721.2	51.62	-61.92	113.54	38.12	32.04	11.67	30.21	204	323	P	V
	*	5740	97.11	-	-	83.54	32.1	11.69	30.22	204	323	P	V
	*	5740	88.39	-	-	74.82	32.1	11.69	30.22	204	323	A	V
													V
													V



Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT10 CH 155 5775MHz		5620.8	54.86	-13.34	68.2	41.62	31.87	11.55	30.18	172	5	P	H
		5695.8	54.71	-47.39	102.1	41.35	31.92	11.64	30.2	172	5	P	H
		5716.8	56.54	-53.37	109.91	43.09	32	11.66	30.21	172	5	P	H
		5722.2	55.64	-60.18	115.82	42.15	32.03	11.67	30.21	172	5	P	H
	*	5775	115.53	-	-	101.78	32.24	11.73	30.22	172	5	P	H
	*	5775	107.22	-	-	93.47	32.24	11.73	30.22	172	5	A	H
		5853.8	53.76	-59.78	113.54	39.88	32.32	11.82	30.26	172	5	P	H
		5867.8	54.16	-53.05	107.21	40.25	32.34	11.84	30.27	172	5	P	H
		5900.4	54.15	-32.21	86.36	40.18	32.38	11.88	30.29	172	5	P	H
		5945.8	52.89	-15.31	68.2	38.79	32.48	11.93	30.31	172	5	P	H
													H
													H
		5605.6	52.36	-15.84	68.2	39.2	31.79	11.54	30.17	201	321	P	V
		5683.8	51.79	-41.46	93.25	38.44	31.92	11.63	30.2	201	321	P	V
		5708.8	51.54	-56.13	107.67	38.08	32	11.66	30.2	201	321	P	V
		5721.8	51.13	-63.77	114.9	37.63	32.04	11.67	30.21	201	321	P	V
	*	5775	96.89	-	-	83.21	32.17	11.73	30.22	201	321	P	V
	*	5775	88.25	-	-	74.57	32.17	11.73	30.22	201	321	A	V
		5850.6	51.94	-68.89	120.83	38.08	32.3	11.82	30.26	201	321	P	V
		5868.8	52.95	-53.98	106.93	38.99	32.39	11.84	30.27	201	321	P	V
		5920.4	53.19	-18.4	71.59	39.07	32.52	11.9	30.3	201	321	P	V
		5930.2	53.29	-14.91	68.2	39.17	32.51	11.91	30.3	201	321	P	V
													V
													V



Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT10 CH 166 5830MHz	*	5830	114.62	-	-	100.76	32.32	11.79	30.25	176	6	P	H
	*	5830	105.83	-	-	91.97	32.32	11.79	30.25	176	6	A	H
		5850.2	55.8	-65.94	121.74	41.92	32.32	11.82	30.26	176	6	P	H
		5858	55.02	-54.94	109.96	41.12	32.33	11.83	30.26	176	6	P	H
		5876.2	55.1	-49.21	104.31	41.18	32.35	11.85	30.28	176	6	P	H
		5946.4	54.38	-13.82	68.2	40.28	32.48	11.93	30.31	176	6	P	H
													H
													H
	*	5830	96.79	-	-	82.99	32.26	11.79	30.25	137	321	P	V
	*	5830	88.29	-	-	74.49	32.26	11.79	30.25	137	321	A	V
		5850.4	51.88	-69.41	121.29	38.02	32.3	11.82	30.26	137	321	P	V
		5871.4	52.75	-53.46	106.21	38.78	32.4	11.84	30.27	137	321	P	V
		5885.2	52.88	-44.75	97.63	38.83	32.47	11.86	30.28	137	321	P	V
		5929.4	51.94	-16.26	68.2	37.82	32.51	11.91	30.3	137	321	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

VHT10 (Harmonic @ 3m)

Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT10 CH 148 5740MHz		11480	49.93	-24.07	74	58.78	40.3	17.55	66.7	100	80	P	H
		17220	53.27	-14.93	68.2	58.38	40.47	21.77	67.35	100	0	P	H
													H
													H
		11480	52.34	-21.66	74	61.16	40.33	17.55	66.7	115	146	P	V
		11480	43.37	-10.63	54	52.19	40.33	17.55	66.7	115	146	A	V
		17220	52.84	-15.36	68.2	57.92	40.5	21.77	67.35	100	0	P	V
													V
VHT10 CH 155 5775MHz		11550	48.99	-25.01	74	57.75	40.33	17.61	66.7	100	0	P	H
		17325	53.53	-14.67	68.2	58.04	41.16	21.85	67.52	100	0	P	H
													H
													H
		11550	51.11	-22.89	74	59.84	40.36	17.61	66.7	118	187	P	V
		11550	43.32	-10.68	54	52.05	40.36	17.61	66.7	118	187	A	V
		17325	53.44	-14.76	68.2	57.97	41.14	21.85	67.52	100	0	P	V
													V
VHT10 CH 166 5830MHz		11660	49.45	-24.55	74	58.58	39.86	17.71	66.7	100	0	P	H
		17490	55.18	-13.02	68.2	58.57	42.43	21.96	67.78	100	0	P	H
													H
													H
		11660	49	-25	74	58.17	39.82	17.71	66.7	100	0	P	V
		17490	55.36	-12.84	68.2	58.69	42.49	21.96	67.78	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
VHT20 (Band Edge @ 3m)

Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 149 5745MHz		5646	55.02	-13.18	68.2	41.77	31.87	11.58	30.2	172	4	P	H
		5662	56.06	-21.05	77.11	42.78	31.88	11.6	30.2	172	4	P	H
		5719.6	58.96	-51.73	110.69	45.49	32.01	11.67	30.21	172	4	P	H
		5724.2	65.48	-54.9	120.38	51.98	32.04	11.67	30.21	172	4	P	H
	*	5745	113.56	-	-	99.95	32.13	11.7	30.22	172	4	P	H
	*	5745	104.68	-	-	91.07	32.13	11.7	30.22	172	4	A	H
													H
													H
		5606.2	50.64	-17.56	68.2	37.48	31.79	11.54	30.17	204	323	P	V
		5686.8	52.67	-42.79	95.46	39.31	31.93	11.63	30.2	204	323	P	V
		5703	51.94	-54.1	106.04	38.51	31.98	11.65	30.2	204	323	P	V
		5721.2	51.86	-61.68	113.54	38.36	32.04	11.67	30.21	204	323	P	V
	*	5745	93.62	-	-	80.02	32.12	11.7	30.22	204	323	P	V
	*	5745	84.72	-	-	71.12	32.12	11.7	30.22	204	323	A	V
													V
													V



Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 155 5775MHz		5609.8	54.09	-14.11	68.2	40.86	31.87	11.54	30.18	174	4	P	H
		5671.2	54.74	-29.19	83.93	41.44	31.89	11.61	30.2	174	4	P	H
		5710.2	55.6	-52.46	108.06	42.17	31.97	11.66	30.2	174	4	P	H
		5724.2	55.65	-64.73	120.38	42.15	32.04	11.67	30.21	174	4	P	H
	*	5775	112.42	-	-	98.67	32.24	11.73	30.22	174	4	P	H
	*	5775	103.63	-	-	89.88	32.24	11.73	30.22	174	4	A	H
		5851.2	53.36	-66.1	119.46	39.48	32.32	11.82	30.26	174	4	P	H
		5863.2	54.42	-54.08	108.5	40.53	32.33	11.83	30.27	174	4	P	H
		5876.2	55.22	-49.09	104.31	41.3	32.35	11.85	30.28	174	4	P	H
		5949.2	53.78	-14.42	68.2	39.68	32.48	11.93	30.31	174	4	P	H
													H
													H
		5644	51.54	-16.66	68.2	38.35	31.81	11.58	30.2	201	321	P	V
		5678.6	51.63	-37.77	89.4	38.31	31.9	11.62	30.2	201	321	P	V
		5718.2	51.78	-58.52	110.3	38.29	32.03	11.67	30.21	201	321	P	V
		5724.2	51.7	-68.68	120.38	38.19	32.05	11.67	30.21	201	321	P	V
	*	5775	93.67	-	-	79.99	32.17	11.73	30.22	201	321	P	V
	*	5775	84.78	-	-	71.1	32.17	11.73	30.22	201	321	A	V
		5851.2	51.93	-67.53	119.46	38.07	32.3	11.82	30.26	201	321	P	V
		5860.2	52.48	-56.86	109.34	38.57	32.35	11.83	30.27	201	321	P	V
		5884.2	52.72	-45.65	98.37	38.68	32.46	11.86	30.28	201	321	P	V
		5948.4	52.96	-15.24	68.2	38.84	32.5	11.93	30.31	201	321	P	V
													V
													V



Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 165 5825MHz	*	5825	111.06	-	-	97.18	32.33	11.79	30.24	175	4	P	H
	*	5825	102.47	-	-	88.59	32.33	11.79	30.24	175	4	A	H
		5850	55.47	-66.73	122.2	41.59	32.32	11.82	30.26	175	4	P	H
		5867.6	55.5	-51.77	107.27	41.59	32.34	11.84	30.27	175	4	P	H
		5880	55.1	-46.39	101.49	41.18	32.35	11.85	30.28	175	4	P	H
		5930.8	52.92	-15.28	68.2	38.87	32.44	11.91	30.3	175	4	P	H
													H
													H
	*	5825	94.08	-	-	80.27	32.26	11.79	30.24	138	322	P	V
	*	5825	84.94	-	-	71.13	32.26	11.79	30.24	138	322	A	V
		5850.6	51.8	-69.03	120.83	37.94	32.3	11.82	30.26	138	322	P	V
		5858.8	52.29	-57.44	109.73	38.39	32.34	11.83	30.27	138	322	P	V
		5896	53.18	-36.44	89.62	39.08	32.52	11.87	30.29	138	322	P	V
		5932.2	52.35	-15.85	68.2	38.23	32.51	11.91	30.3	138	322	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

VHT20 (Harmonic @ 3m)

Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 149 5745MHz		11490	49.34	-24.66	74	58.16	40.32	17.56	66.7	100	0	P	H
		17235	52.34	-15.86	68.2	57.42	40.52	21.78	67.38	100	0	P	H
													H
													H
		11490	52.52	-21.48	74	61.32	40.34	17.56	66.7	100	170	P	V
		11490	43.18	-10.82	54	51.98	40.34	17.56	66.7	100	170	A	V
		17235	53.23	-14.97	68.2	58.27	40.56	21.78	67.38	100	0	P	V
													V
VHT20 CH 155 5775MHz		11550	49.11	-24.89	74	57.87	40.33	17.61	66.7	100	0	P	H
		17325	53.82	-14.38	68.2	58.33	41.16	21.85	67.52	100	0	P	H
													H
													H
		11550	49.67	-24.33	74	58.4	40.36	17.61	66.7	100	0	P	V
		17325	53.49	-14.71	68.2	58.02	41.14	21.85	67.52	100	0	P	V
													V
													V
VHT20 CH 165 5825MHz		11650	49.07	-24.93	74	58.13	39.93	17.71	66.7	100	0	P	H
		17475	54.29	-13.91	68.2	57.71	42.38	21.96	67.76	100	0	P	H
													H
													H
		11650	48.81	-25.19	74	57.94	39.86	17.71	66.7	100	0	P	V
		17475	56.28	-11.92	68.2	59.69	42.39	21.96	67.76	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

VHT40 (Band Edge @ 3m)

Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz		5620	55.87	-12.33	68.2	42.63	31.87	11.55	30.18	176	6	P	H
		5697	56.17	-46.82	102.99	42.81	31.92	11.64	30.2	176	6	P	H
		5716.6	63.87	-45.98	109.85	50.42	32	11.66	30.21	176	6	P	H
		5725	65.73	-56.47	122.2	52.23	32.04	11.67	30.21	176	6	P	H
	*	5755	109.69	-	-	96.03	32.17	11.71	30.22	176	6	P	H
	*	5755	104.09	-	-	90.43	32.17	11.71	30.22	176	6	A	H
		5851.6	53.91	-64.64	118.55	40.03	32.32	11.82	30.26	176	6	P	H
		5862.6	55.68	-52.99	108.67	41.79	32.33	11.83	30.27	176	6	P	H
		5881.8	54.81	-45.34	100.15	40.88	32.36	11.85	30.28	176	6	P	H
		5944.6	53.72	-14.48	68.2	39.63	32.47	11.93	30.31	176	6	P	H
													H
													H
		5606.2	52.08	-16.12	68.2	38.92	31.79	11.54	30.17	206	325	P	V
		5665.2	52.19	-27.29	79.48	38.93	31.86	11.6	30.2	206	325	P	V
		5714.2	53.01	-56.17	109.18	39.54	32.02	11.66	30.21	206	325	P	V
		5721.4	52.29	-61.7	113.99	38.79	32.04	11.67	30.21	206	325	P	V
	*	5755	90.32	-	-	76.69	32.14	11.71	30.22	206	325	P	V
	*	5755	84.54	-	-	70.91	32.14	11.71	30.22	206	325	A	V
		5854.4	53.16	-59.01	112.17	39.28	32.32	11.82	30.26	206	325	P	V
		5857.2	53.33	-56.85	110.18	39.43	32.33	11.83	30.26	206	325	P	V
		5912.6	55.13	-22.22	77.35	41.01	32.53	11.89	30.3	206	325	P	V
		5940.2	53.76	-14.44	68.2	39.65	32.5	11.92	30.31	206	325	P	V
													V
													V



Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 159 5795MHz		5639	55.12	-13.08	68.2	41.87	31.87	11.57	30.19	175	5	P	H
		5674.4	55.39	-30.91	86.3	42.07	31.9	11.62	30.2	175	5	P	H
		5719.8	54.83	-55.91	110.74	41.35	32.02	11.67	30.21	175	5	P	H
		5721	55.48	-57.6	113.08	42	32.02	11.67	30.21	175	5	P	H
	*	5795	109.26	-	-	95.43	32.31	11.75	30.23	175	5	P	H
	*	5795	103.44	-	-	89.61	32.31	11.75	30.23	175	5	A	H
		5853.8	54.62	-58.92	113.54	40.74	32.32	11.82	30.26	175	5	P	H
		5864	55.11	-53.17	108.28	41.22	32.33	11.83	30.27	175	5	P	H
		5876.8	54.96	-48.9	103.86	41.04	32.35	11.85	30.28	175	5	P	H
		5925.4	54.75	-13.45	68.2	40.72	32.43	11.9	30.3	175	5	P	H
													H
													H
		5617.8	53.55	-14.65	68.2	40.38	31.8	11.55	30.18	202	323	P	V
		5699.4	52.84	-51.92	104.76	39.43	31.97	11.64	30.2	202	323	P	V
		5720	51.65	-59.15	110.8	38.15	32.04	11.67	30.21	202	323	P	V
		5720.6	51.9	-60.27	112.17	38.4	32.04	11.67	30.21	202	323	P	V
	*	5795	90.6	-	-	76.87	32.21	11.75	30.23	202	323	P	V
	*	5795	84.75	-	-	71.02	32.21	11.75	30.23	202	323	A	V
		5851	52.64	-67.28	119.92	38.78	32.3	11.82	30.26	202	323	P	V
		5855.8	53.29	-57.29	110.58	39.41	32.32	11.82	30.26	202	323	P	V
		5899.6	54.2	-32.76	86.96	40.08	32.54	11.87	30.29	202	323	P	V
		5947	53.92	-14.28	68.2	39.8	32.5	11.93	30.31	202	323	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

VHT40 (Harmonic @ 3m)

Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz		11510	48.94	-25.06	74	57.73	40.33	17.58	66.7	100	0	P	H
		17265	52.6	-15.6	68.2	57.52	40.7	21.8	67.42	100	0	P	H
													H
													H
		11510	49.99	-24.01	74	58.76	40.35	17.58	66.7	100	0	P	V
		17265	52.71	-15.49	68.2	57.6	40.73	21.8	67.42	100	0	P	V
													V
													V
VHT40 CH 159 5795MHz		11590	49.19	-24.81	74	58.11	40.13	17.65	66.7	100	0	P	H
		17385	53.96	-14.24	68.2	58.03	41.66	21.89	67.62	100	0	P	H
													H
													H
		11590	49.67	-24.33	74	58.51	40.21	17.65	66.7	100	0	P	V
		17385	53.81	-14.39	68.2	57.9	41.64	21.89	67.62	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Emission above 18GHz****VHT10 (SHF @ 3m)**

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
VHT10 SHF		28700	40.75	-27.45	68.2	35.46	39.91	18.16	52.78	150	0	P	H
		34440	44.97	-23.23	68.2	36.04	41.18	21.24	53.49	150	0	P	H
													H
													H
		28700	41.18	-27.02	68.2	35.9	39.9	18.16	52.78	150	0	P	V
		34440	44.7	-23.5	68.2	35.75	41.2	21.24	53.49	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

VHT10 (LF @ 3m)

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
VHT10 LF		77.53	34.05	-5.95	40	51.75	13.15	1.57	32.42	-	-	P	H
		93.05	34.39	-9.11	43.5	49.91	15.21	1.69	32.42	-	-	P	H
		257.95	32.95	-13.05	46	43.06	19.69	2.61	32.41	-	-	P	H
		288.99	33.79	-12.21	46	44.46	19	2.76	32.43	-	-	P	H
		672.14	33.85	-12.15	46	35.94	26.2	4.3	32.59	-	-	P	H
		716.8	45.18	-0.82	46	46.21	26.97	4.52	32.52	114	46	QP	H
	!	716.8	46.18	0.18	46	47.21	26.97	4.52	32.52	114	46	P	H
													H
													H
		76.56	34.31	-5.69	40	52.13	13.06	1.55	32.43	-	-	P	V
		92.08	35.58	-7.92	43.5	51.21	15.11	1.68	32.42	-	-	P	V
		105.66	34.72	-8.78	43.5	48.87	16.57	1.7	32.42	-	-	P	V
		288.02	28.12	-17.88	46	38.79	19	2.76	32.43	-	-	P	V
		672.14	35.37	-10.63	46	37.46	26.2	4.3	32.59	-	-	P	V
		716.8	43.88	-2.12	46	44.91	26.97	4.52	32.52	100	32	QP	V
		716.8	45.08	-0.92	46	46.11	26.97	4.52	32.52	100	32	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Multi Carrier (Contiguous)>

Band 4 - 5725~5850MHz

(Band Edge @ 3m)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 149 5745MHz + VHT20 CH 153 5765MHz		5618	54.76	-13.44	68.2	41.52	31.87	11.55	30.18	175	3	P	H
		5658.6	56	-18.59	74.59	42.72	31.88	11.6	30.2	175	3	P	H
		5713.6	56.9	-52.11	109.01	43.46	31.99	11.66	30.21	175	3	P	H
		5725	60.91	-61.29	122.2	47.41	32.04	11.67	30.21	175	3	P	H
	*	5755	110.89	-	-	97.23	32.17	11.71	30.22	175	3	P	H
	*	5755	101.82	-	-	88.16	32.17	11.71	30.22	175	3	A	H
		5851.6	54.95	-63.6	118.55	41.07	32.32	11.82	30.26	175	3	P	H
		5857.8	54.98	-55.03	110.01	41.08	32.33	11.83	30.26	175	3	P	H
		5924.8	55.42	-12.93	68.35	41.39	32.43	11.9	30.3	175	3	P	H
		5939.6	54.3	-13.9	68.2	40.23	32.46	11.92	30.31	175	3	P	H
													H
													H
		5606.8	53.17	-15.03	68.2	40.01	31.79	11.54	30.17	203	323	P	V
		5689.6	53.13	-44.4	97.53	39.76	31.94	11.63	30.2	203	323	P	V
		5718	52.91	-57.33	110.24	39.42	32.03	11.67	30.21	203	323	P	V
		5721	52.99	-60.09	113.08	39.49	32.04	11.67	30.21	203	323	P	V
	*	5755	91.17	-	-	77.54	32.14	11.71	30.22	203	323	P	V
	*	5755	81.96	-	-	68.33	32.14	11.71	30.22	203	323	A	V
		5850.6	54.12	-66.71	120.83	40.26	32.3	11.82	30.26	203	323	P	V
		5859.2	55.1	-54.52	109.62	41.2	32.34	11.83	30.27	203	323	P	V
		5892.6	54.86	-37.28	92.14	40.78	32.5	11.87	30.29	203	323	P	V
		5936.2	54.26	-13.94	68.2	40.13	32.51	11.92	30.3	203	323	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 153 5765MHz + VHT20 CH 157 5785MHz		5642	58.61	-9.59	68.2	45.36	31.87	11.58	30.2	172	6	P	H
		5696.6	56.72	-45.97	102.69	43.36	31.92	11.64	30.2	172	6	P	H
		5713	57.46	-51.38	108.84	44.02	31.99	11.66	30.21	172	6	P	H
		5723.8	57.34	-62.12	119.46	43.85	32.03	11.67	30.21	172	6	P	H
	*	5775	113.37	-	-	99.62	32.24	11.73	30.22	172	6	P	H
	*	5775	104.76	-	-	91.01	32.24	11.73	30.22	172	6	A	H
		5853.6	55.3	-58.69	113.99	41.42	32.32	11.82	30.26	172	6	P	H
		5855.6	56.6	-54.03	110.63	42.71	32.33	11.82	30.26	172	6	P	H
		5880	56.36	-45.13	101.49	42.44	32.35	11.85	30.28	172	6	P	H
		5936.6	54.43	-13.77	68.2	40.35	32.46	11.92	30.3	172	6	P	H
													H
													H
		5617.4	53.4	-14.8	68.2	40.23	31.8	11.55	30.18	204	324	P	V
		5658.8	54.05	-20.69	74.74	40.81	31.84	11.6	30.2	204	324	P	V
		5714	53.01	-56.11	109.12	39.54	32.02	11.66	30.21	204	324	P	V
		5720.2	52.3	-58.96	111.26	38.8	32.04	11.67	30.21	204	324	P	V
	*	5775	94.64	-	-	80.96	32.17	11.73	30.22	204	324	P	V
	*	5775	85.78	-	-	72.1	32.17	11.73	30.22	204	324	A	V
		5854.2	54.01	-58.61	112.62	40.13	32.32	11.82	30.26	204	324	P	V
		5871.8	55.01	-51.08	106.09	41.04	32.4	11.84	30.27	204	324	P	V
		5912	54.13	-23.66	77.79	40	32.53	11.89	30.29	204	324	P	V
		5947.4	53.56	-14.64	68.2	39.44	32.5	11.93	30.31	204	324	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 161 5805MHz + VHT20 CH 165 5825MHz		5648	56.04	-12.16	68.2	42.78	31.87	11.59	30.2	176	8	P	H
		5682.4	56.41	-35.8	92.21	43.08	31.91	11.62	30.2	176	8	P	H
		5713.8	55.8	-53.27	109.07	42.36	31.99	11.66	30.21	176	8	P	H
		5723.2	56.25	-61.85	118.1	42.76	32.03	11.67	30.21	176	8	P	H
	*	5815	113.05	-	-	99.18	32.33	11.78	30.24	176	8	P	H
	*	5815	104.02	-	-	90.15	32.33	11.78	30.24	176	8	A	H
		5850.2	59.04	-62.7	121.74	45.16	32.32	11.82	30.26	176	8	P	H
		5856.8	57.02	-53.28	110.3	43.12	32.33	11.83	30.26	176	8	P	H
		5904.4	56.94	-26.47	83.41	42.96	32.39	11.88	30.29	176	8	P	H
		5947.8	54.84	-13.36	68.2	40.74	32.48	11.93	30.31	176	8	P	H
													H
													H
		5630.8	51.95	-16.25	68.2	38.77	31.8	11.57	30.19	200	322	P	V
		5685.8	51.91	-42.81	94.72	38.55	31.93	11.63	30.2	200	322	P	V
		5712	51.86	-56.7	108.56	38.39	32.01	11.66	30.2	200	322	P	V
		5720	51.74	-59.06	110.8	38.24	32.04	11.67	30.21	200	322	P	V
	*	5815	94.65	-	-	80.87	32.24	11.78	30.24	200	322	P	V
	*	5815	85.47	-	-	71.69	32.24	11.78	30.24	200	322	A	V
		5851.4	53.58	-65.43	119.01	39.72	32.3	11.82	30.26	200	322	P	V
		5860.8	53.47	-55.7	109.17	39.56	32.35	11.83	30.27	200	322	P	V
		5921.6	54.19	-16.52	70.71	40.07	32.52	11.9	30.3	200	322	P	V
		5927.6	53.49	-14.71	68.2	39.37	32.51	11.91	30.3	200	322	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 153 5765MHz + VHT40 CH 159 5795MHz		5636.6	56.2	-12	68.2	42.95	31.87	11.57	30.19	172	6	P	H
		5684.4	57.51	-36.18	93.69	44.17	31.91	11.63	30.2	172	6	P	H
		5703.4	58.32	-47.83	106.15	44.93	31.94	11.65	30.2	172	6	P	H
		5721.8	57.76	-57.14	114.9	44.28	32.02	11.67	30.21	172	6	P	H
	*	5785	113.35	-	-	99.56	32.28	11.74	30.23	172	6	P	H
	*	5785	104.63	-	-	90.84	32.28	11.74	30.23	172	6	A	H
		5854	55.11	-57.97	113.08	41.23	32.32	11.82	30.26	172	6	P	H
		5862.8	55.58	-53.03	108.61	41.69	32.33	11.83	30.27	172	6	P	H
		5898.6	55.4	-32.3	87.7	41.45	32.37	11.87	30.29	172	6	P	H
		5926.6	55.05	-13.15	68.2	41.01	32.43	11.91	30.3	172	6	P	H
													H
													H
		5636.6	52.71	-15.49	68.2	39.52	31.81	11.57	30.19	205	324	P	V
		5669.2	52.72	-29.73	82.45	39.44	31.87	11.61	30.2	205	324	P	V
		5700.2	52.52	-52.74	105.26	39.1	31.97	11.65	30.2	205	324	P	V
		5722.2	52.45	-63.37	115.82	38.95	32.04	11.67	30.21	205	324	P	V
	*	5785	94.38	-	-	80.68	32.19	11.74	30.23	205	324	P	V
	*	5785	85.5	-	-	71.8	32.19	11.74	30.23	205	324	A	V
		5851.6	52.77	-65.78	118.55	38.91	32.3	11.82	30.26	205	324	P	V
		5858	53.48	-56.48	109.96	39.58	32.33	11.83	30.26	205	324	P	V
		5903.4	53.88	-30.27	84.15	39.75	32.54	11.88	30.29	205	324	P	V
		5925	53.14	-15.06	68.2	39.02	32.52	11.9	30.3	205	324	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz + VHT20 CH 157 5785MHz		5624.4	56.69	-11.51	68.2	43.44	31.87	11.56	30.18	174	4	P	H
		5695	57.87	-43.64	101.51	44.51	31.92	11.64	30.2	174	4	P	H
		5716.8	65.99	-43.92	109.91	52.54	32	11.66	30.21	174	4	P	H
		5723	66.29	-51.35	117.64	52.8	32.03	11.67	30.21	174	4	P	H
	*	5765	112.86	-	-	99.15	32.21	11.72	30.22	174	4	P	H
	*	5765	104.77	-	-	91.06	32.21	11.72	30.22	174	4	A	H
		5850.2	55.36	-66.38	121.74	41.48	32.32	11.82	30.26	174	4	P	H
		5860.6	55.34	-53.89	109.23	41.45	32.33	11.83	30.27	174	4	P	H
		5875.6	55.71	-49.04	104.75	41.79	32.35	11.85	30.28	174	4	P	H
		5930.8	53.92	-14.28	68.2	39.87	32.44	11.91	30.3	174	4	P	H
													H
													H
		5616.2	52.17	-16.03	68.2	39.01	31.79	11.55	30.18	197	325	P	V
		5655.4	51.97	-20.24	72.21	38.75	31.83	11.59	30.2	197	325	P	V
		5704.4	51.68	-54.75	106.43	38.24	31.99	11.65	30.2	197	325	P	V
		5723.4	52.87	-65.68	118.55	39.36	32.05	11.67	30.21	197	325	P	V
	*	5765	94.27	-	-	80.61	32.16	11.72	30.22	197	325	P	V
	*	5765	85.33	-	-	71.67	32.16	11.72	30.22	197	325	A	V
		5854.4	52.33	-59.84	112.17	38.45	32.32	11.82	30.26	197	325	P	V
		5856	52.86	-57.66	110.52	38.97	32.33	11.82	30.26	197	325	P	V
		5895.4	53.03	-37.04	90.07	38.93	32.52	11.87	30.29	197	325	P	V
		5935.6	53.52	-14.68	68.2	39.39	32.51	11.92	30.3	197	325	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 159 5795MHz + VHT20 CH 165 5825MHz		5632.4	55.79	-12.41	68.2	42.54	31.87	11.57	30.19	175	4	P	H
		5694.4	56.71	-44.36	101.07	43.35	31.92	11.64	30.2	175	4	P	H
		5705.4	56.6	-50.11	106.71	43.2	31.95	11.65	30.2	175	4	P	H
		5725	55.92	-66.28	122.2	42.42	32.04	11.67	30.21	175	4	P	H
	*	5805	111.45	-	-	97.58	32.33	11.77	30.23	175	4	P	H
	*	5805	103.22	-	-	89.35	32.33	11.77	30.23	175	4	A	H
		5850	57.58	-64.62	122.2	43.7	32.32	11.82	30.26	175	4	P	H
		5874.8	57.05	-48.21	105.26	43.12	32.35	11.85	30.27	175	4	P	H
		5884	55.33	-43.19	98.52	41.39	32.36	11.86	30.28	175	4	P	H
		5930.6	54.34	-13.86	68.2	40.29	32.44	11.91	30.3	175	4	P	H
													H
													H
		5632.2	52.26	-15.94	68.2	39.08	31.8	11.57	30.19	197	325	P	V
		5693.8	51.73	-48.9	100.63	38.34	31.95	11.64	30.2	197	325	P	V
		5709.2	52.08	-55.7	107.78	38.62	32	11.66	30.2	197	325	P	V
		5720.2	51.7	-59.56	111.26	38.2	32.04	11.67	30.21	197	325	P	V
	*	5805	93.1	-	-	79.34	32.22	11.77	30.23	197	325	P	V
	*	5805	84.44	-	-	70.68	32.22	11.77	30.23	197	325	A	V
		5851.8	51.98	-66.12	118.1	38.12	32.3	11.82	30.26	197	325	P	V
		5859.6	52.86	-56.65	109.51	38.96	32.34	11.83	30.27	197	325	P	V
		5887.8	52.83	-42.87	95.7	38.77	32.48	11.86	30.28	197	325	P	V
		5949.6	53.26	-14.94	68.2	39.14	32.5	11.93	30.31	197	325	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz + VHT40 CH 159 5795MHz		5605.4	56.5	-11.7	68.2	43.26	31.87	11.54	30.17	175	5	P	H
		5695.8	57.94	-44.16	102.1	44.58	31.92	11.64	30.2	175	5	P	H
		5716.6	62.62	-47.23	109.85	49.17	32	11.66	30.21	175	5	P	H
		5722	64.12	-51.24	115.36	50.63	32.03	11.67	30.21	175	5	P	H
	*	5775	109.74	-	-	95.99	32.24	11.73	30.22	175	5	P	H
	*	5775	103.83	-	-	90.08	32.24	11.73	30.22	175	5	A	H
		5852.2	55.11	-62.07	117.18	41.23	32.32	11.82	30.26	175	5	P	H
		5867.6	55.78	-51.49	107.27	41.87	32.34	11.84	30.27	175	5	P	H
		5880.6	55.91	-45.13	101.04	41.99	32.35	11.85	30.28	175	5	P	H
		5947.4	53.35	-14.85	68.2	39.25	32.48	11.93	30.31	175	5	P	H
													H
													H
		5634	52.09	-16.11	68.2	38.91	31.8	11.57	30.19	195	323	P	V
		5699.8	51.55	-53.5	105.05	38.14	31.97	11.64	30.2	195	323	P	V
		5703	52.76	-53.28	106.04	39.33	31.98	11.65	30.2	195	323	P	V
		5723.6	52.86	-66.15	119.01	39.35	32.05	11.67	30.21	195	323	P	V
	*	5775	90.51	-	-	76.83	32.17	11.73	30.22	195	323	P	V
	*	5775	84.62	-	-	70.94	32.17	11.73	30.22	195	323	A	V
		5850	52.73	-69.47	122.2	38.87	32.3	11.82	30.26	195	323	P	V
		5872.4	52.7	-53.23	105.93	38.73	32.4	11.84	30.27	195	323	P	V
		5896.6	52.92	-36.26	89.18	38.82	32.52	11.87	30.29	195	323	P	V
		5931.6	53.52	-14.68	68.2	39.4	32.51	11.91	30.3	195	323	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

(Harmonic @ 3m)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 149 5745MHz + VHT20 CH 153 5765MHz		11490	49.74	-24.26	74	58.56	40.32	17.56	66.7	100	0	P	H
		11530	49.9	-24.1	74	58.67	40.33	17.6	66.7	100	0	P	H
		17235	53.1	-15.1	68.2	58.18	40.52	21.78	67.38	100	0	P	H
		17295	53.31	-14.89	68.2	58	40.96	21.82	67.47	100	0	P	H
													H
													H
		11490	49.66	-24.34	74	58.46	40.34	17.56	66.7	100	0	P	V
		11530	49.79	-24.21	74	58.53	40.36	17.6	66.7	100	0	P	V
		17235	53.81	-14.39	68.2	58.85	40.56	21.78	67.38	100	0	P	V
		17295	53.07	-15.13	68.2	57.75	40.97	21.82	67.47	100	0	P	V
													V
													V
VHT20 CH 153 5765MHz + VHT20 CH 157 5785MHz		11530	49.03	-24.97	74	57.8	40.33	17.6	66.7	100	0	P	H
		11570	49.78	-24.22	74	58.62	40.23	17.63	66.7	100	0	P	H
		17295	53.31	-14.89	68.2	58	40.96	21.82	67.47	100	0	P	H
		17355	53.76	-14.44	68.2	58.1	41.37	21.86	67.57	100	0	P	H
													H
													H
		11530	52.27	-21.73	74	61.01	40.36	17.6	66.7	115	144	P	V
		11530	42.97	-11.03	54	51.71	40.36	17.6	66.7	115	144	A	V
		11570	49.67	-24.33	74	58.45	40.29	17.63	66.7	100	0	P	V
		17295	52.77	-15.43	68.2	57.45	40.97	21.82	67.47	100	0	P	V
		17355	53.4	-14.8	68.2	57.78	41.33	21.86	67.57	100	0	P	V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 161 5805MHz + VHT20 CH 165 5825MHz		11610	49.79	-24.21	74	58.78	40.05	17.66	66.7	100	0	P	H
		11650	49.16	-24.84	74	58.22	39.93	17.71	66.7	100	0	P	H
		17415	54.58	-13.62	68.2	58.39	41.95	21.9	67.66	100	0	P	H
		17475	55.24	-12.96	68.2	58.66	42.38	21.96	67.76	100	0	P	H
													H
													H
		11610	49.36	-24.64	74	58.28	40.12	17.66	66.7	100	0	P	V
		11650	49.5	-24.5	74	58.63	39.86	17.71	66.7	100	0	P	V
		17415	54.63	-13.57	68.2	58.46	41.93	21.9	67.66	100	0	P	V
		17475	54.91	-13.29	68.2	58.32	42.39	21.96	67.76	100	0	P	V
													V
													V
VHT20 CH 153 5765MHz + VHT40 CH 159 5795MHz		11530	51.52	-22.48	74	60.29	40.33	17.6	66.7	198	271	P	H
		11530	41.35	-12.65	54	50.12	40.33	17.6	66.7	198	271	A	H
		11590	49.5	-24.5	74	58.42	40.13	17.65	66.7	100	0	P	H
		17295	54.61	-13.59	68.2	59.3	40.96	21.82	67.47	100	0	P	H
		17385	55.32	-12.88	68.2	59.39	41.66	21.89	67.62	100	0	P	H
													H
													H
		11530	49.52	-24.48	74	58.26	40.36	17.6	66.7	100	0	P	V
		11590	49.17	-24.83	74	58.01	40.21	17.65	66.7	100	0	P	V
		17295	53.84	-14.36	68.2	58.52	40.97	21.82	67.47	100	0	P	V
		17385	54.09	-14.11	68.2	58.18	41.64	21.89	67.62	100	0	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz + VHT20 CH 157 5785MH		11510	49.64	-24.36	74	58.43	40.33	17.58	66.7	100	0	P	H
		11570	49.58	-24.42	74	58.42	40.23	17.63	66.7	100	0	P	H
		17265	52.51	-15.69	68.2	57.43	40.7	21.8	67.42	100	0	P	H
		17355	53.85	-14.35	68.2	58.19	41.37	21.86	67.57	100	0	P	H
													H
													H
		11510	49.38	-24.62	74	58.15	40.35	17.58	66.7	100	0	P	V
		11570	49.99	-24.01	74	58.77	40.29	17.63	66.7	100	0	P	V
		17265	53.24	-14.96	68.2	58.13	40.73	21.8	67.42	100	0	P	V
		17355	53.17	-15.03	68.2	57.55	41.33	21.86	67.57	100	0	P	V
													V
													V
VHT40 CH 159 5795MHz + VHT20 CH 165 5825MHz		11590	49.34	-24.66	74	58.26	40.13	17.65	66.7	100	0	P	H
		11650	48.83	-25.17	74	57.89	39.93	17.71	66.7	100	0	P	H
		17385	54.07	-14.13	68.2	58.14	41.66	21.89	67.62	100	0	P	H
		17475	54.51	-13.69	68.2	57.93	42.38	21.96	67.76	100	0	P	H
													H
													H
		11590	52.16	-21.84	74	61	40.21	17.65	66.7	103	171	P	V
		11590	42.92	-11.08	54	51.76	40.21	17.65	66.7	103	171	A	V
		11650	49.76	-24.24	74	58.89	39.86	17.71	66.7	100	0	P	V
		17385	54.27	-13.93	68.2	58.36	41.64	21.89	67.62	100	0	P	V
		17475	54.85	-13.35	68.2	58.26	42.39	21.96	67.76	100	0	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz + VHT40 CH 159 5795MHz		11510	49.15	-24.85	74	57.94	40.33	17.58	66.7	100	0	P	H
		11590	49.52	-24.48	74	58.44	40.13	17.65	66.7	100	0	P	H
		17265	52.78	-15.42	68.2	57.7	40.7	21.8	67.42	100	0	P	H
		17385	54.19	-14.01	68.2	58.26	41.66	21.89	67.62	100	0	P	H
													H
													H
		11510	49.48	-24.52	74	58.25	40.35	17.58	66.7	100	0	P	V
		11590	49.49	-24.51	74	58.33	40.21	17.65	66.7	100	0	P	V
		17265	52.18	-16.02	68.2	57.07	40.73	21.8	67.42	100	0	P	V
		17385	54.42	-13.78	68.2	58.51	41.64	21.89	67.62	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Emission above 18GHz
(SHF @ 3m)**

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
5GHz SHF		34590	45.85	-22.35	68.2	36.8	41.26	21.32	53.53	150	0	P	H
		34710	45.45	-22.75	68.2	36.32	41.32	21.38	53.57	150	0	P	H
													H
													H
		34590	44.92	-23.28	68.2	35.85	41.28	21.32	53.53	150	0	P	V
		34710	46.46	-21.74	68.2	37.29	41.36	21.38	53.57	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz
(LF @ 3m)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
5GHz LF		76.56	33.55	-6.45	40	51.37	13.06	1.55	32.43	-	-	P	H
		93.05	34.47	-9.03	43.5	49.99	15.21	1.69	32.42	-	-	P	H
		257.95	30.69	-15.31	46	40.8	19.69	2.61	32.41	-	-	P	H
		285.11	31.33	-14.67	46	42.12	18.9	2.74	32.43	-	-	P	H
		672.14	32.75	-13.25	46	34.84	26.2	4.3	32.59	-	-	P	H
		716.8	44.08	-1.92	46	45.11	26.97	4.52	32.52	109	47	QP	H
		716.8	45.18	-0.82	46	46.21	26.97	4.52	32.52	109	47	P	H
													H
													H
		77.53	34.43	-5.57	40	52.13	13.15	1.57	32.42	-	-	P	V
		93.05	36.3	-7.2	43.5	51.82	15.21	1.69	32.42	-	-	P	V
		105.66	32.81	-10.69	43.5	46.96	16.57	1.7	32.42	-	-	P	V
		284.14	27.74	-18.26	46	38.53	18.9	2.74	32.43	-	-	P	V
		716.8	43.28	-2.72	46	44.31	26.97	4.52	32.52	100	34	QP	V
		716.8	44.58	-1.42	46	45.61	26.97	4.52	32.52	100	34	P	V
		740.04	34.19	-11.81	46	34.16	27.9	4.59	32.46	-	-	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Multi Carrier Report (Non-Contiguous)>

Band 4 - 5725~5850MHz

(Band Edge @ 3m)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 149 5745MHz + VHT20 CH 165 5825MHz		5645.2	55.96	-12.24	68.2	42.71	31.87	11.58	30.2	175	5	P	H
		5664	57.44	-21.15	78.59	44.16	31.88	11.6	30.2	175	5	P	H
		5719.8	60.59	-50.15	110.74	47.11	32.02	11.67	30.21	175	5	P	H
		5724.4	66.14	-54.69	120.83	52.64	32.04	11.67	30.21	175	5	P	H
	*	5745	113.49	-	-	99.88	32.13	11.7	30.22	175	5	P	H
	*	5745	104.6	-	-	90.99	32.13	11.7	30.22	175	5	A	H
	*	5825	110.09	-	-	96.21	32.33	11.79	30.24	175	5	P	H
	*	5825	101.35	-	-	87.47	32.33	11.79	30.24	175	5	A	H
		5851.8	56.28	-61.82	118.1	42.4	32.32	11.82	30.26	175	5	P	H
		5868.4	56.17	-50.88	107.05	42.26	32.34	11.84	30.27	175	5	P	H
		5877.8	54.45	-48.67	103.12	40.53	32.35	11.85	30.28	175	5	P	H
		5949.6	54.3	-13.9	68.2	40.19	32.49	11.93	30.31	175	5	P	H
		5636.2	53.2	-15	68.2	40.02	31.8	11.57	30.19	204	323	P	V
		5697	52.06	-50.93	102.99	38.66	31.96	11.64	30.2	204	323	P	V
		5714.8	52.56	-56.79	109.35	39.09	32.02	11.66	30.21	204	323	P	V
		5723.8	51.47	-67.99	119.46	37.96	32.05	11.67	30.21	204	323	P	V
	*	5745	94.21	-	-	80.61	32.12	11.7	30.22	204	323	P	V
	*	5745	85.19	-	-	71.59	32.12	11.7	30.22	204	323	A	V
	*	5825	92.93	-	-	79.12	32.26	11.79	30.24	204	323	P	V
	*	5825	84.44	-	-	70.63	32.26	11.79	30.24	204	323	A	V
		5855	51.8	-59	110.8	37.92	32.32	11.82	30.26	204	323	P	V
		5856.4	53.49	-56.92	110.41	39.6	32.33	11.82	30.26	204	323	P	V
		5875.6	52.76	-51.99	104.75	38.77	32.42	11.85	30.28	204	323	P	V
		5948.4	53.74	-14.46	68.2	39.62	32.5	11.93	30.31	204	323	P	V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 149 5745MHz + VHT40 CH 159 5795MHz		5623.6	56.27	-11.93	68.2	43.02	31.87	11.56	30.18	176	5	P	H
		5690.2	57.49	-40.48	97.97	44.14	31.92	11.63	30.2	176	5	P	H
		5719.8	61.24	-49.5	110.74	47.76	32.02	11.67	30.21	176	5	P	H
		5724.2	67.28	-53.1	120.38	53.78	32.04	11.67	30.21	176	5	P	H
	*	5745	113.54	-	-	99.93	32.13	11.7	30.22	176	5	P	H
	*	5745	104.6	-	-	90.99	32.13	11.7	30.22	176	5	A	H
	*	5795	108.01	-	-	94.18	32.31	11.75	30.23	176	5	P	H
	*	5795	99.15	-	-	85.32	32.31	11.75	30.23	176	5	A	H
		5850.4	55.32	-65.97	121.29	41.44	32.32	11.82	30.26	176	5	P	H
		5858.4	54.68	-55.17	109.85	40.79	32.33	11.83	30.27	176	5	P	H
		5916.8	54.54	-19.71	74.25	40.54	32.41	11.89	30.3	176	5	P	H
		5936.2	53.77	-14.43	68.2	39.69	32.46	11.92	30.3	176	5	P	H
		5646.4	52.34	-15.86	68.2	39.15	31.81	11.58	30.2	203	324	P	V
		5695.2	51.82	-49.84	101.66	38.42	31.96	11.64	30.2	203	324	P	V
		5717	52.33	-57.63	109.96	38.85	32.03	11.66	30.21	203	324	P	V
		5721.2	51.63	-61.91	113.54	38.13	32.04	11.67	30.21	203	324	P	V
	*	5745	93.72	-	-	80.12	32.12	11.7	30.22	203	324	P	V
	*	5745	84.77	-	-	71.17	32.12	11.7	30.22	203	324	A	V
	*	5795	89.38	-	-	75.65	32.21	11.75	30.23	203	324	P	V
	*	5795	80.29	-	-	66.56	32.21	11.75	30.23	203	324	A	V
		5852.8	52.63	-63.19	115.82	38.76	32.31	11.82	30.26	203	324	P	V
		5858.6	52.61	-57.18	109.79	38.71	32.34	11.83	30.27	203	324	P	V
		5881.8	52.8	-47.35	100.15	38.78	32.45	11.85	30.28	203	324	P	V
		5936.6	52.25	-15.95	68.2	38.12	32.51	11.92	30.3	203	324	P	V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz + VHT20 CH 165 5825MHz		5623.4	56.57	-11.63	68.2	43.32	31.87	11.56	30.18	175	4	P	H
		5675	58.98	-27.76	86.74	45.66	31.9	11.62	30.2	175	4	P	H
		5716.8	64.61	-45.3	109.91	51.16	32	11.66	30.21	175	4	P	H
		5723.2	66.6	-51.5	118.1	53.11	32.03	11.67	30.21	175	4	P	H
	*	5755	111.08	-	-	97.42	32.17	11.71	30.22	175	4	P	H
	*	5755	102.42	-	-	88.76	32.17	11.71	30.22	175	4	A	H
	*	5825	111.89	-	-	98.01	32.33	11.79	30.24	175	4	P	H
	*	5825	102.7	-	-	88.82	32.33	11.79	30.24	175	4	A	H
		5850.4	58.6	-62.69	121.29	44.72	32.32	11.82	30.26	175	4	P	H
		5857.8	56.02	-53.99	110.01	42.12	32.33	11.83	30.26	175	4	P	H
		5897	56.21	-32.67	88.88	42.26	32.37	11.87	30.29	175	4	P	H
		5934.4	54.53	-13.67	68.2	40.47	32.45	11.91	30.3	175	4	P	H
		5606.2	51.71	-16.49	68.2	38.55	31.79	11.54	30.17	193	327	P	V
		5699	51.97	-52.49	104.46	38.56	31.97	11.64	30.2	193	327	P	V
		5718	52.51	-57.73	110.24	39.02	32.03	11.67	30.21	193	327	P	V
		5721	51.8	-61.28	113.08	38.3	32.04	11.67	30.21	193	327	P	V
	*	5755	91.15	-	-	77.52	32.14	11.71	30.22	193	327	P	V
	*	5755	82.42	-	-	68.79	32.14	11.71	30.22	193	327	A	V
	*	5825	92.88	-	-	79.07	32.26	11.79	30.24	193	327	P	V
	*	5825	83.71	-	-	69.9	32.26	11.79	30.24	193	327	A	V
		5852	52.92	-64.72	117.64	39.05	32.31	11.82	30.26	193	327	P	V
		5865.8	53.64	-54.13	107.77	39.7	32.37	11.84	30.27	193	327	P	V
		5900.8	53.18	-32.89	86.07	39.05	32.54	11.88	30.29	193	327	P	V
		5949.8	53.36	-14.84	68.2	39.24	32.5	11.93	30.31	193	327	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

(Harmonic @ 3m)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 149 5745MHz + VHT20 CH 165 5825MHz		11490	49.67	-24.33	74	58.49	40.32	17.56	66.7	100	0	P	H
		11650	49.71	-24.29	74	58.77	39.93	17.71	66.7	100	0	P	H
		17235	52.84	-15.36	68.2	57.92	40.52	21.78	67.38	100	0	P	H
		17475	55.17	-13.03	68.2	58.59	42.38	21.96	67.76	100	0	P	H
													H
													H
		11490	52.92	-21.08	74	61.72	40.34	17.56	66.7	100	165	P	V
		11490	43.88	-10.12	54	52.68	40.34	17.56	66.7	100	165	A	V
		11650	48.74	-25.26	74	57.87	39.86	17.71	66.7	100	0	P	V
		17235	53.32	-14.88	68.2	58.36	40.56	21.78	67.38	100	0	P	V
		17475	55.09	-13.11	68.2	58.5	42.39	21.96	67.76	100	0	P	V
													V
VHT20 CH 149 5745MHz + VHT40 CH 159 5795MHz		11490	49.27	-24.73	74	58.09	40.32	17.56	66.7	100	0	P	H
		11590	49.6	-24.4	74	58.52	40.13	17.65	66.7	100	0	P	H
		17235	52.86	-15.34	68.2	57.94	40.52	21.78	67.38	100	0	P	H
		17385	54.95	-13.25	68.2	59.02	41.66	21.89	67.62	100	0	P	H
													H
													H
		11490	49.48	-24.52	74	58.28	40.34	17.56	66.7	100	0	P	V
		11590	49.17	-24.83	74	58.01	40.21	17.65	66.7	100	0	P	V
		17235	53.07	-15.13	68.2	58.11	40.56	21.78	67.38	100	0	P	V
		17385	53.74	-14.46	68.2	57.83	41.64	21.89	67.62	100	0	P	V
													V
													V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 CH 151 5755MHz + VHT20 CH 165 5825MHz		11510	49.5	-24.5	74	58.29	40.33	17.58	66.7	100	0	P	H
		11650	49.12	-24.88	74	58.18	39.93	17.71	66.7	100	0	P	H
		17265	52.82	-15.38	68.2	57.74	40.7	21.8	67.42	100	0	P	H
		17475	55.24	-12.96	68.2	58.66	42.38	21.96	67.76	100	0	P	H
													H
													H
		11510	49.61	-24.39	74	58.38	40.35	17.58	66.7	100	0	P	V
		11650	49.34	-24.66	74	58.47	39.86	17.71	66.7	100	0	P	V
		17265	53.09	-15.11	68.2	57.98	40.73	21.8	67.42	100	0	P	V
		17475	54.77	-13.43	68.2	58.18	42.39	21.96	67.76	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Emission above 18GHz****(SHF)**

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
5GHz SHF		34470	43.61	-24.59	68.2	34.64	41.19	21.26	53.48	150	0	P	H
		34950	45.65	-22.55	68.2	36.38	41.46	21.51	53.7	150	0	P	H
													H
													H
		34470	44.38	-23.82	68.2	35.39	41.21	21.26	53.48	150	0	P	V
		34950	46.1	-22.1	68.2	36.76	41.53	21.51	53.7	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

(LF)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
5GHz LF		76.56	34.12	-5.88	40	51.94	13.06	1.55	32.43	-	-	P	H
		94.02	34.34	-9.16	43.5	49.68	15.4	1.68	32.42	-	-	P	H
		105.66	31.85	-11.65	43.5	46	16.57	1.7	32.42	-	-	P	H
		288.02	31.72	-14.28	46	42.39	19	2.76	32.43	-	-	P	H
		672.14	34.07	-11.93	46	36.16	26.2	4.3	32.59	-	-	P	H
		716.8	43.88	-2.12	46	44.91	26.97	4.52	32.52	111	48	QP	H
		716.8	45.08	-0.92	46	46.11	26.97	4.52	32.52	111	48	P	H
													H
													H
		76.56	34.47	-5.53	40	52.29	13.06	1.55	32.43	-	-	P	V
		93.05	35.95	-7.55	43.5	51.47	15.21	1.69	32.42	-	-	P	V
		105.66	34.76	-8.74	43.5	48.91	16.57	1.7	32.42	-	-	P	V
		537.31	31.14	-14.86	46	35.78	24.19	3.78	32.61	-	-	P	V
		672.14	35.87	-10.13	46	37.96	26.2	4.3	32.59	-	-	P	V
		716.8	43.38	-2.62	46	44.41	26.97	4.52	32.52	100	34	QP	V
		716.8	44.58	-1.42	46	45.61	26.97	4.52	32.52	100	34	P	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	Peak or Average
H/V	H orizontal or V ertical

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

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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

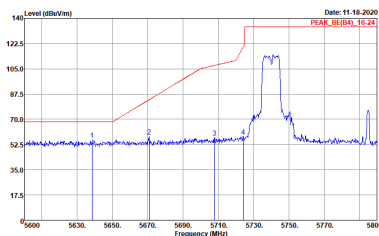
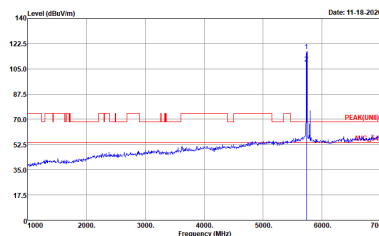
Appendix D. Radiated Spurious Emission Plots

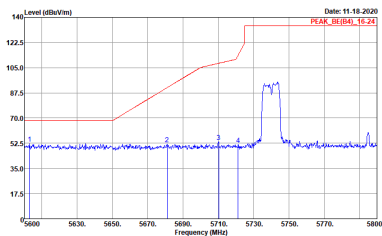
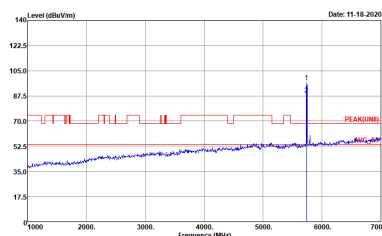
Test Engineer :	Calvin Wu and Peter Liao	Temperature :	21~25°C
		Relative Humidity :	49~58%

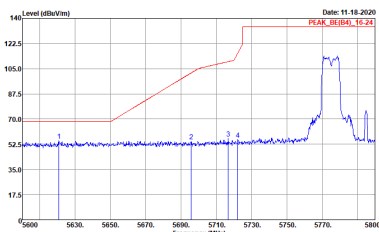
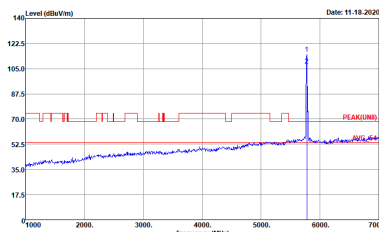
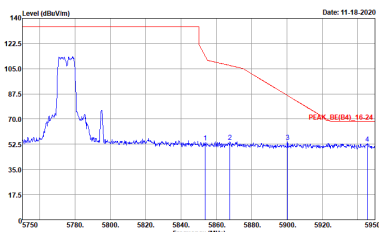
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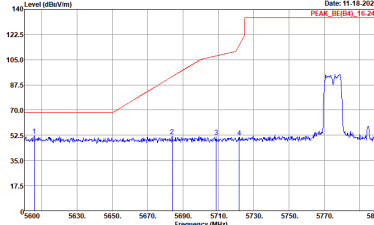
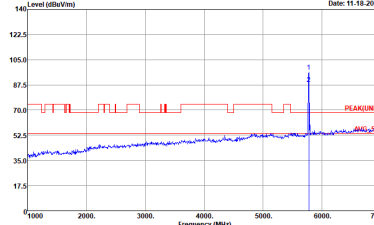
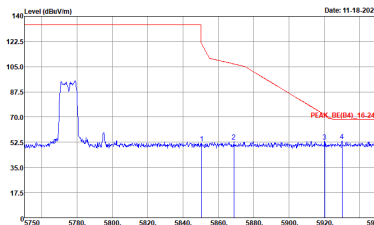
Band 4 - 5725~5850MHz

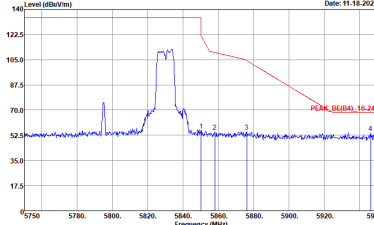
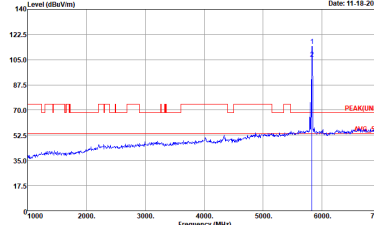
VHT10 (Band Edge @ 3m)

Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT10 CH148 5740MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1022000002 Mode : 11ac(10)_Tx_CH148 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1022000002 Mode : 11ac(10)_Tx_CH148 Setting : atten = 27 Plane : Y with Adapter

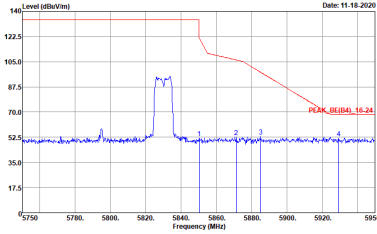
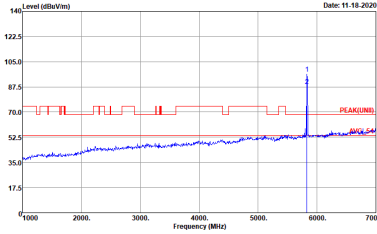
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH148 5740MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK_UNB 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter

Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT10 CH155 5775MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH155 5775MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	Left blank

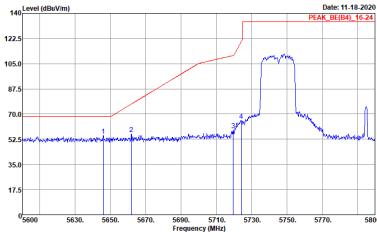
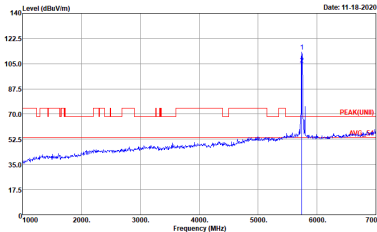
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH166 5830MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch166 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch166 Setting : atten = 27 Plane : Y with Adapter

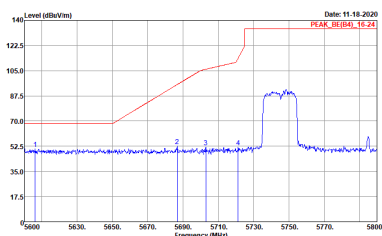
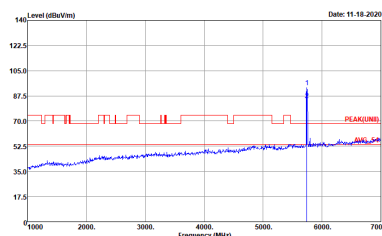


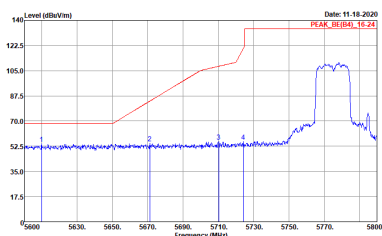
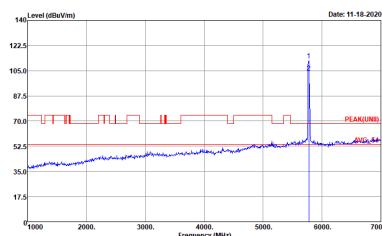
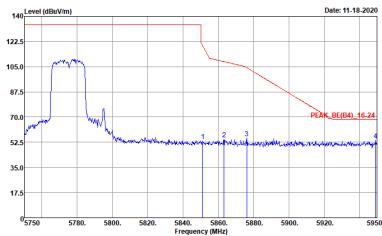
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH166 5830MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch166 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(10)_Tx_Ch166 Setting : atten = 27 Plane : Y with Adapter

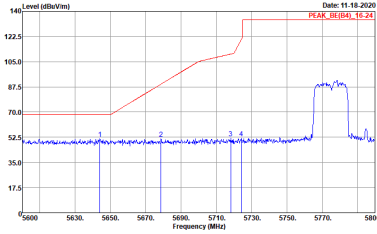
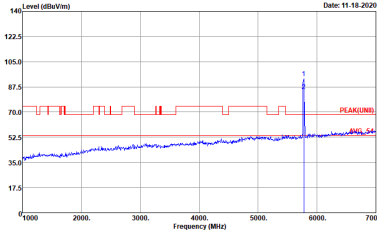
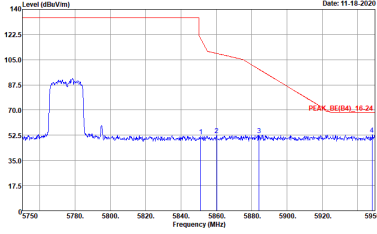


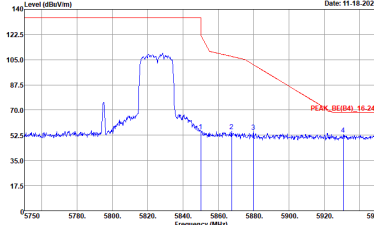
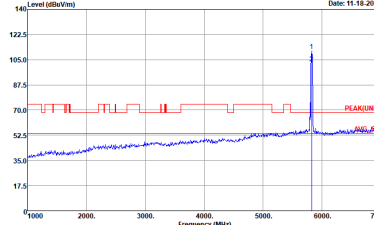
Band 4 5725~5850MHz
VHT20 (Band Edge @ 3m)

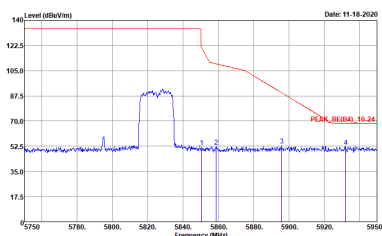
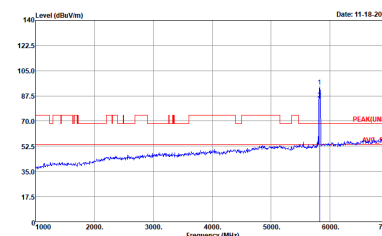
Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT20 CH149 5745MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149 Setting : atten = 27 Plane : Y with Adapter

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149 Setting : atten = 27 Plane : Y with Adapter

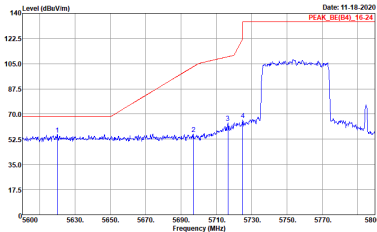
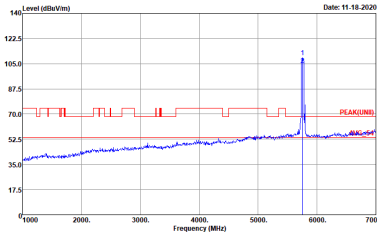
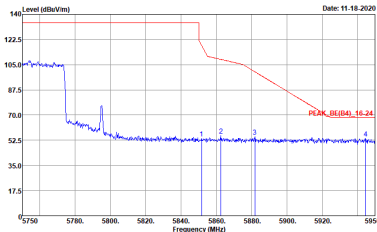
Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT20 CH155 5775MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	Left blank

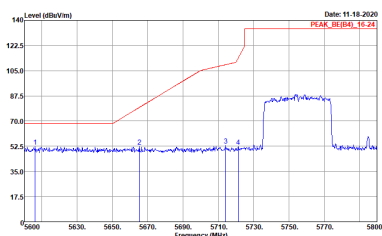
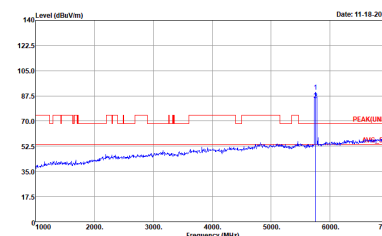
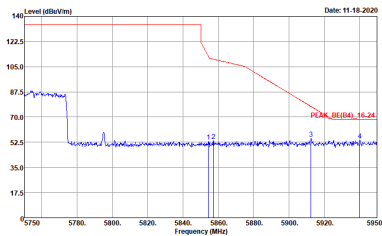
Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT20 CH155 5775MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = 27 Plane : Y with Adapter	Left blank

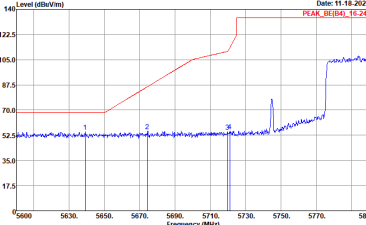
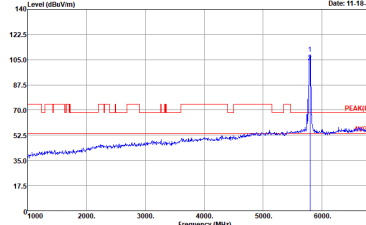
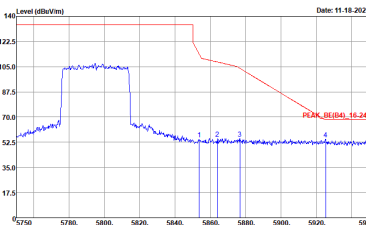
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH165 5825MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter

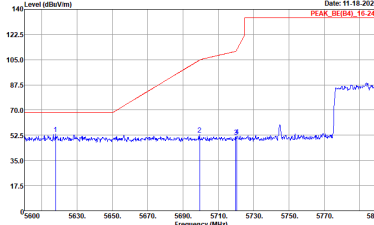
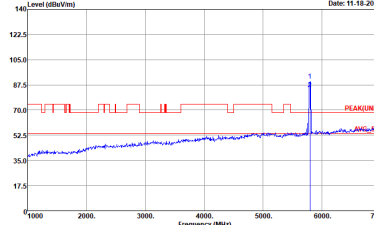
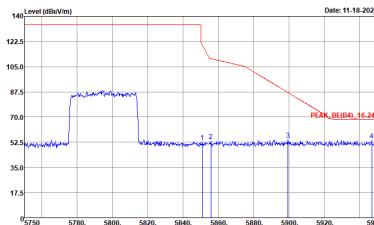
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH165 5825MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BNKA51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter

**Band 4 5725~5850MHz
VHT40 (Band Edge @ 3m)**

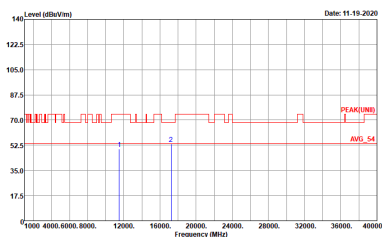
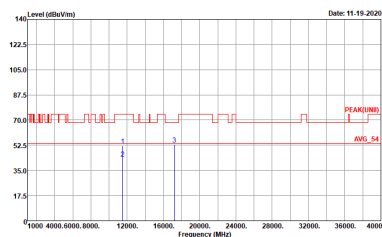
Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT40 CH151 5755MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vvac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vvac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151 Setting : atten = 27 Plane : Y with Adapter
	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vvac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151 Setting : atten = 27 Plane : Y with Adapter	Left blank

Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT40 CH151 5755MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151 Setting : atten = 27 Plane : Y with Adapter	Left blank

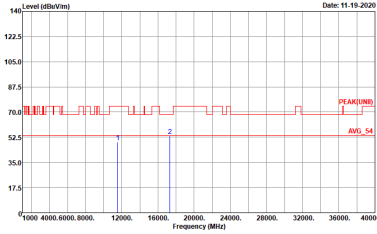
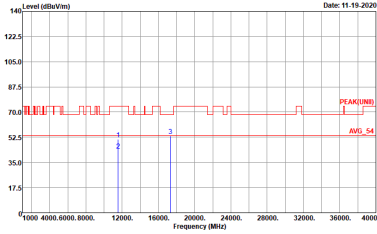
Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT40 CH159 5795MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

Band 4 5725~5850MHz Band Edge @ 3m		
ANT	VHT40 CH159 5795MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

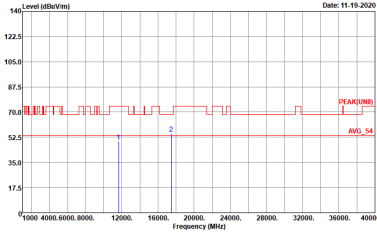
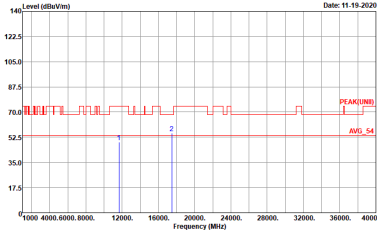
Band 4 - 5725~5850MHz
VHT10 (Harmonic @ 3m)

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT10 CH148 5740MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter

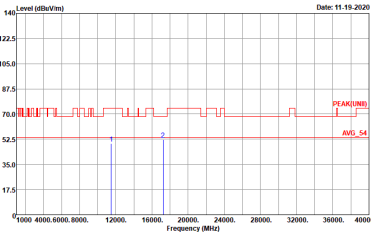
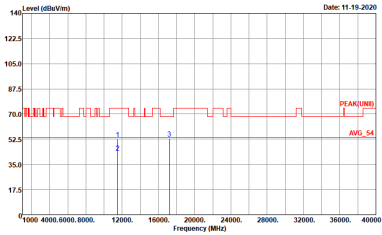


	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT10 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BNGAS1002 SN : S125F10022000002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BNGAS1002 SN : S125F10022000002 Mode : 11ac(10)_Tx_Ch155 Setting : atten = Z7 Plane : Y with Adapter

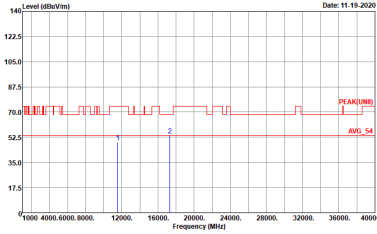
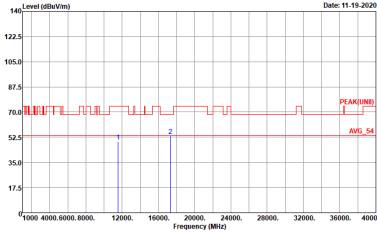


	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT10 CH166 5830MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S125F10022000002 Mode : 11ac(10)_Tx_Ch166 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S125F10022000002 Mode : 11ac(10)_Tx_Ch166 Setting : atten = Z7 Plane : Y with Adapter

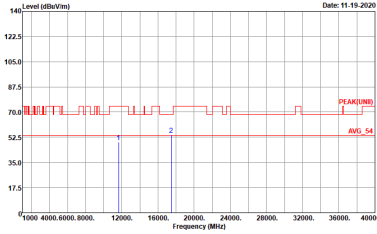
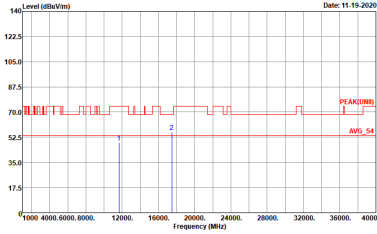
**Band 4 5725~5850MHz
VHT20 (Harmonic @ 3m)**

Band 4 5725~5850MHz Harmonic @ 3m		
ANT	VHT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149 Setting : atten = 27 Plane : Y with Adapter

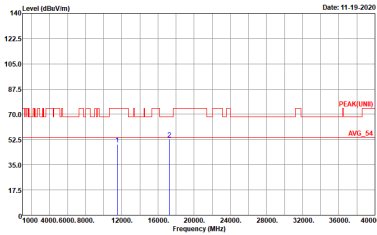
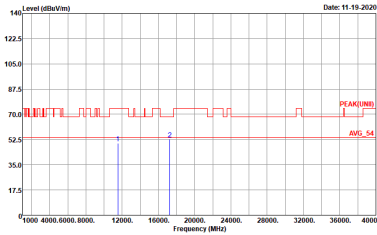


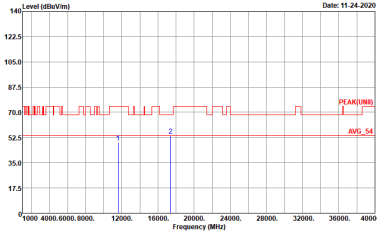
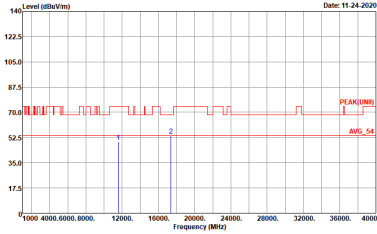
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BNGAS1002 SN : S125F10022000002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BNGAS1002 SN : S125F10022000002 Mode : 11ac(20)_Tx_Ch155 Setting : atten = Z7 Plane : Y with Adapter



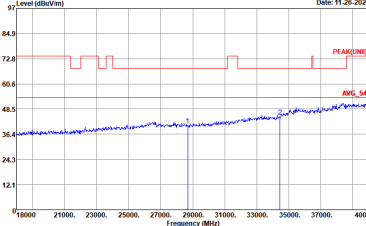
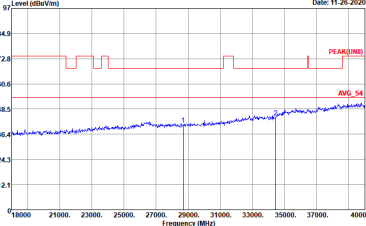
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch165 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch165 Setting : atten = Z7 Plane : Y with Adapter

**Band 4 5725~5850MHz
VHT40 (Harmonic @ 3m)**

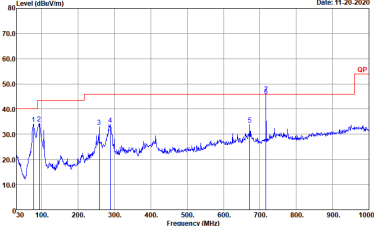
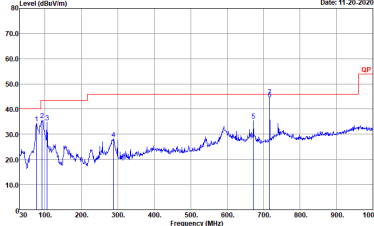
Band 4 5725~5850MHz Harmonic @ 3m		
ANT	VHT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 5GHz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(40)_Tx_CH151 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 5GHz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(40)_Tx_CH151 Setting : atten = 27 Plane : Y with Adapter

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH159 5795MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S12P512022000002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : -Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S12P512022000002 Mode : 11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : -Y with Adapter

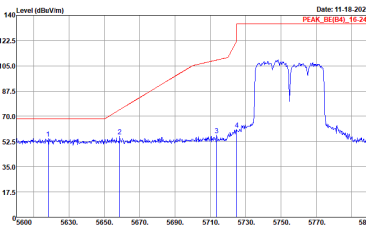
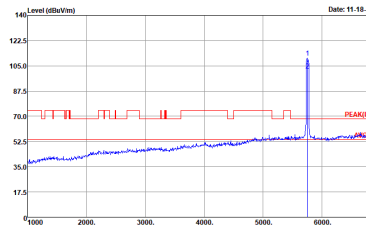
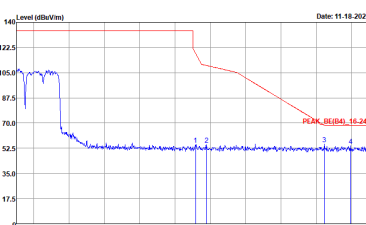
Emission above 18GHz
5GHz VHT10 (SHF)

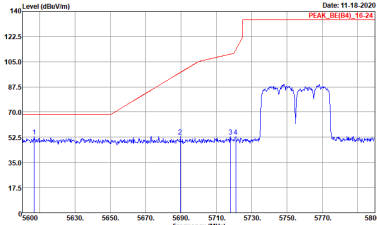
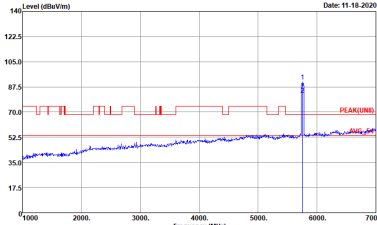
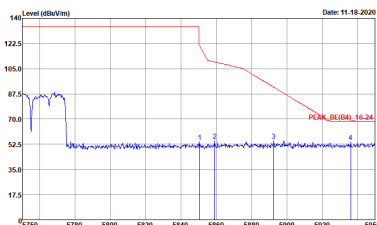
	5GHz	
ANT	VHT10 SHF	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UM) 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UM) 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter

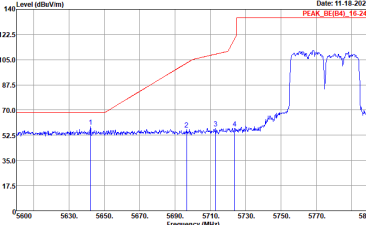
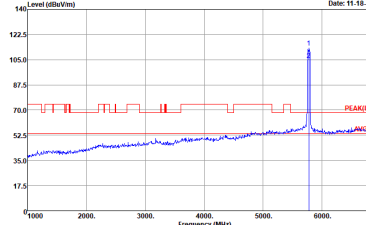
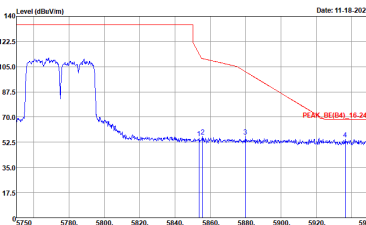
Emission below 1GHz
5GHz VHT10 (LF)

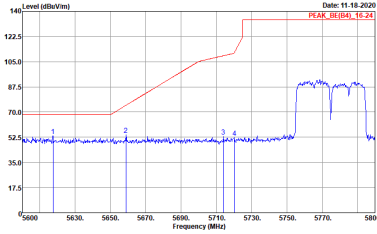
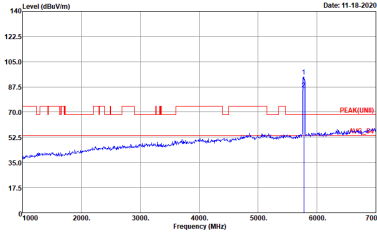
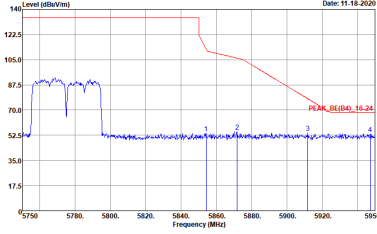
	5GHz	
ANT	VHT10 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m B1LOG 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter : With Ferrite Clip	 Site : 03CH02-CA Condition : QP 3m B1LOG 6111D-LF_50392 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(10)_Tx_Ch148 Setting : atten = 27 Plane : Y with Adapter : With Ferrite Clip

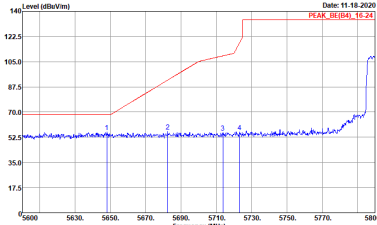
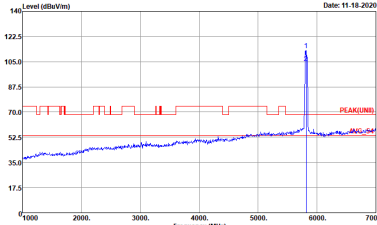
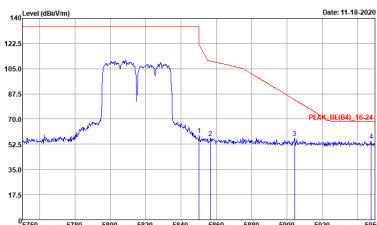
<Multi Carrier (Contiguous)>
Band 4 - 5725~5850MHz
(Band Edge @ 3m)

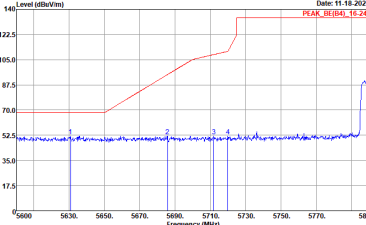
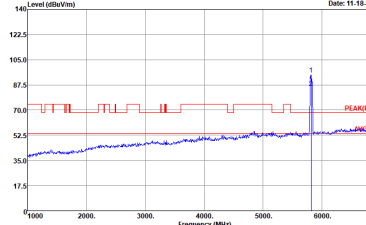
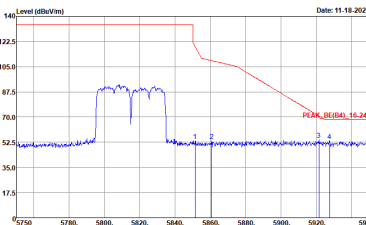
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH153 5765MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter	Left blank

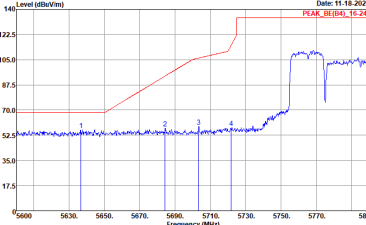
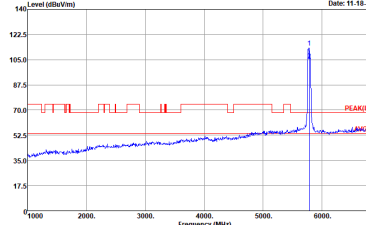
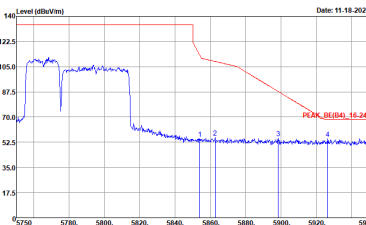
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH153 5765MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149-11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149-11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149-11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter	Left blank

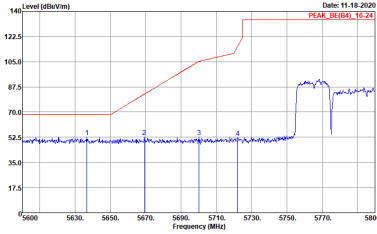
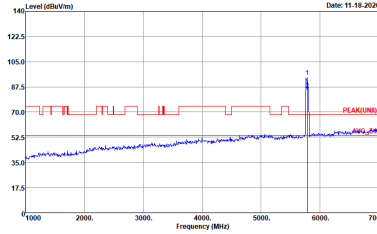
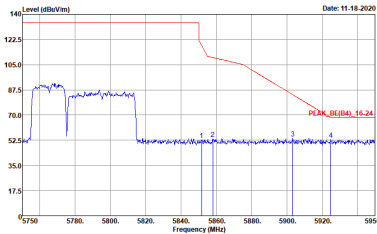
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	Left blank

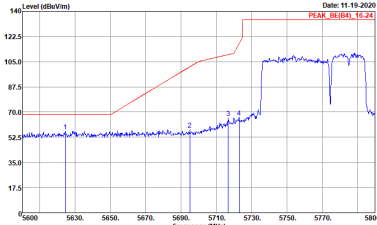
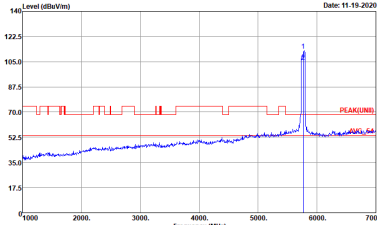
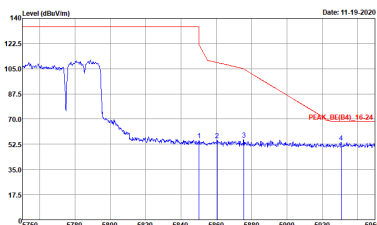
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK_UNB 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	Left blank

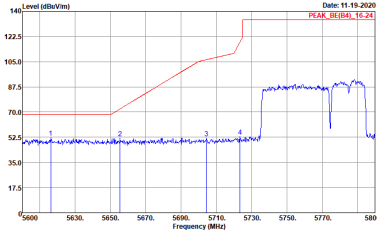
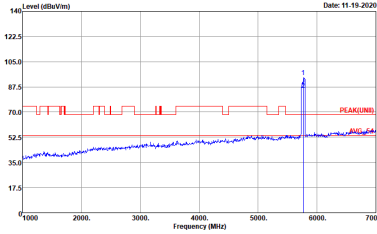
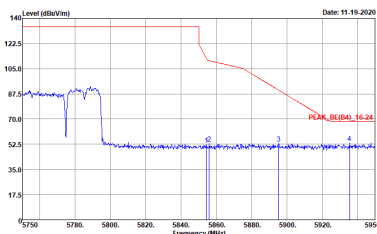
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH161 5805MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

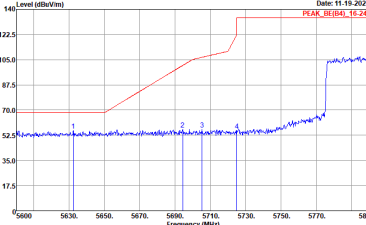
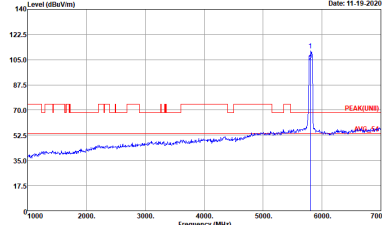
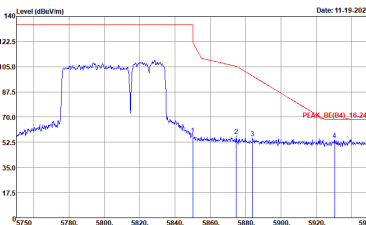
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH161 5805MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

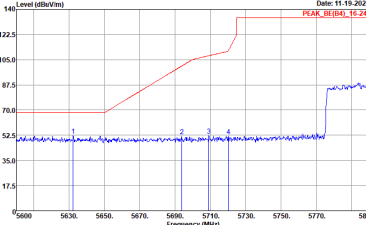
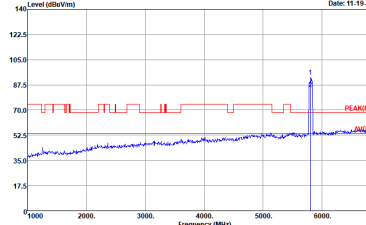
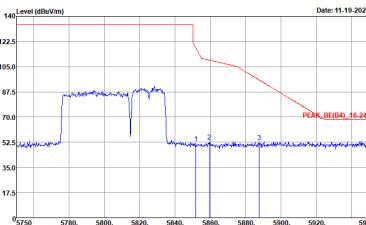
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

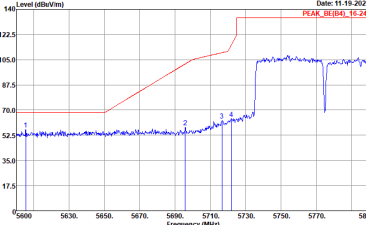
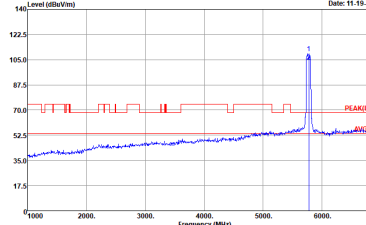
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch153-11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

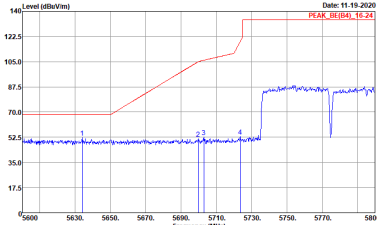
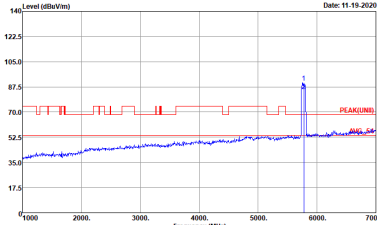
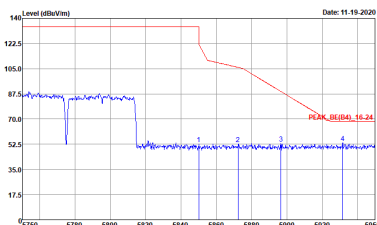
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	Left blank

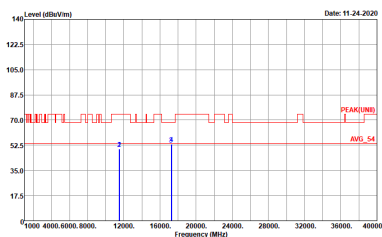
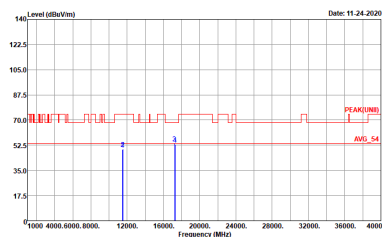
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH159 5795MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH159 5795MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch159-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

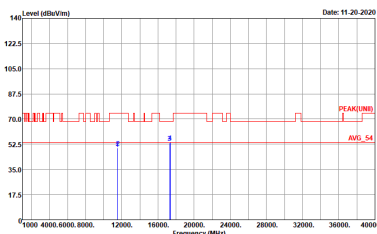
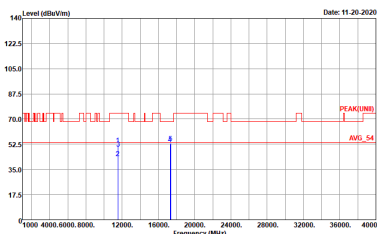
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

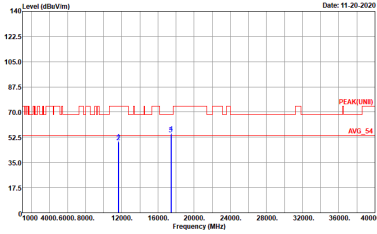
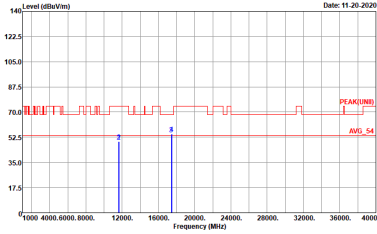
Band 4 - 5725~5850MHz
(Harmonic @ 3m)

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH153 5765MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Setting : atten = 30 Plane : Y with Adapter

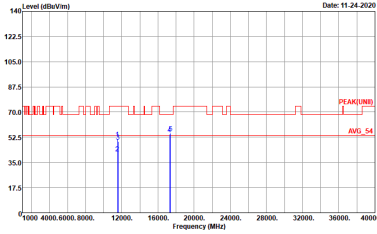
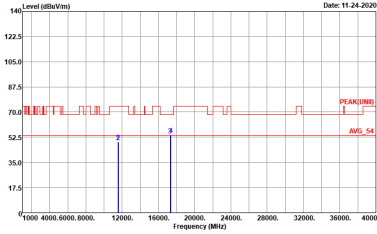


	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BNGAS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BNGAS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Setting : atten = Z7 Plane : Y with Adapter

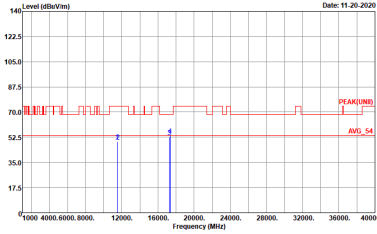
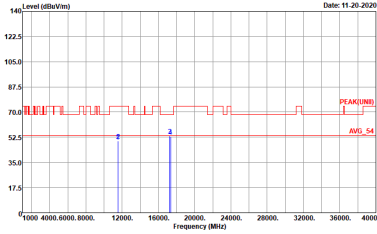


	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH161 5805MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Setting : atten = Z7 Plane : Y with Adapter

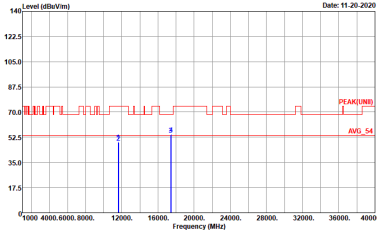
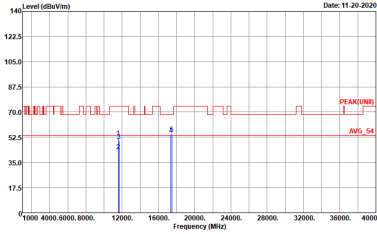


	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH153 5765MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12PFI0022000002 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Setting : atten = Z7 Plane : Y with Adapter

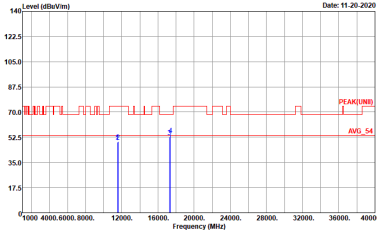
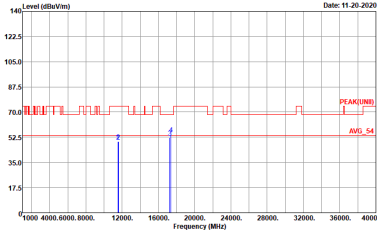


	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S125F10022000002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S125F10022000002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Setting : atten = Z7 Plane : Y with Adapter



	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH159 5795MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12BF10022000002 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S12BF10022000002 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Setting : atten = Z7 Plane : Y with Adapter

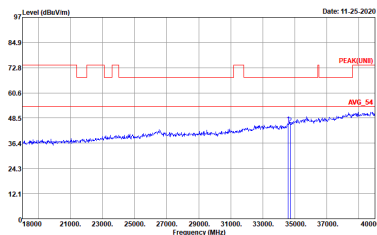
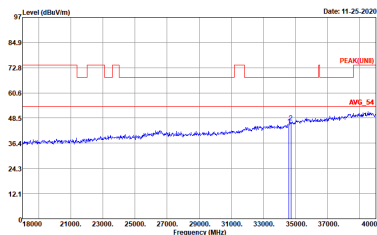


	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH151 5755MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S125F10022000002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = Z7 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN6AS1002 SN : S125F10022000002 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten = Z7 Plane : Y with Adapter

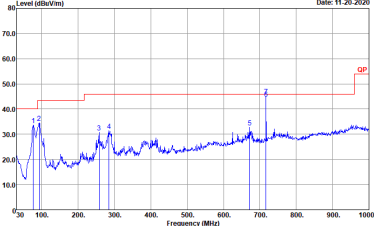
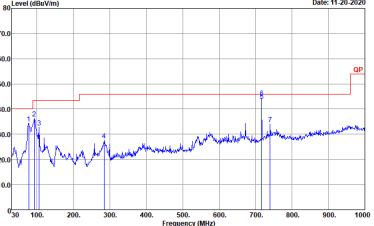


Emission above 18GHz

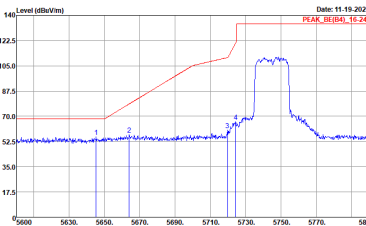
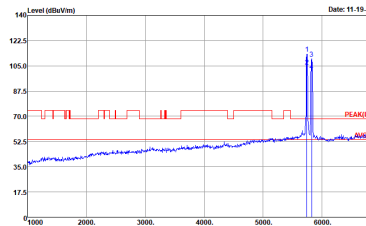
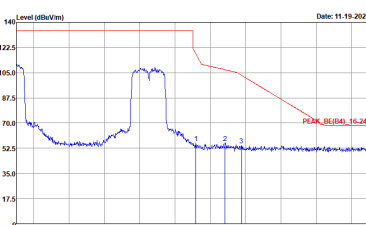
(SHF)

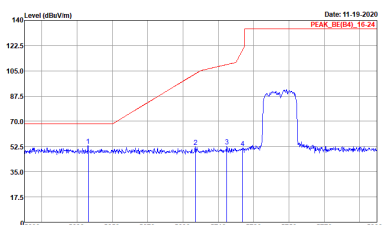
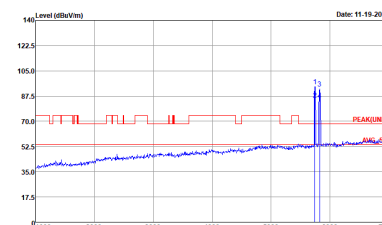
	5GHz	
ANT	SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UMBI) Im HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UMBI) Im HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adapter

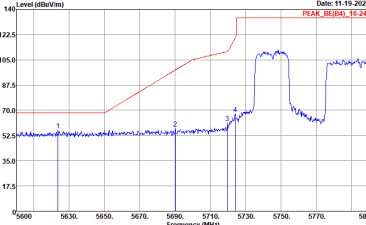
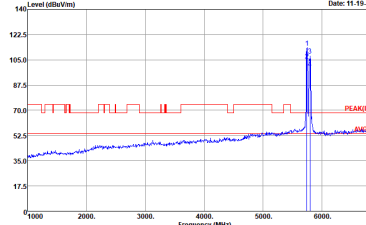
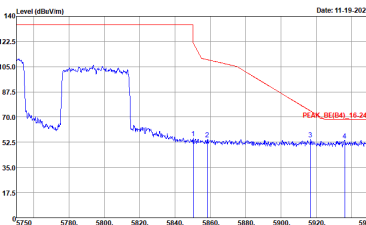
Emission below 1GHz (LF)

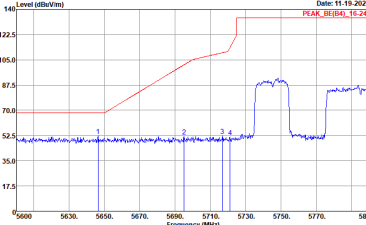
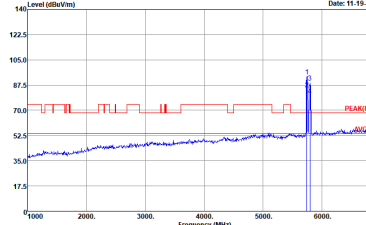
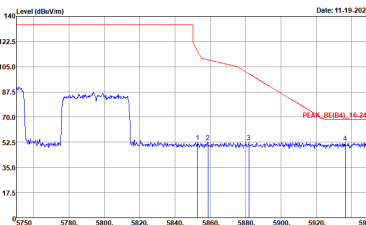
	5GHz	
ANT	LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m BtLOG 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adaptor With Ferrite Clip	 Site : 03CH02-CA Condition : QP 3m BtLOG 6111D-LF_50392 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Setting : atten = 27 Plane : Y with Adaptor With Ferrite Clip

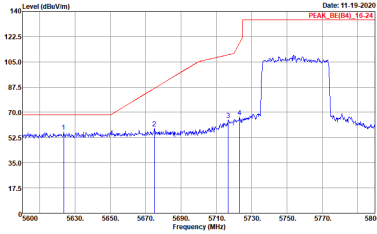
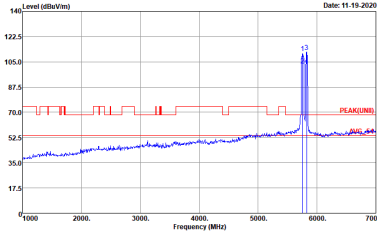
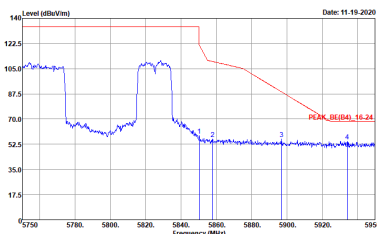
<Multi Carrier Report (Non-Contiguous)>
Band 4 - 5725~5850MHz
(Band Edge @ 3m)

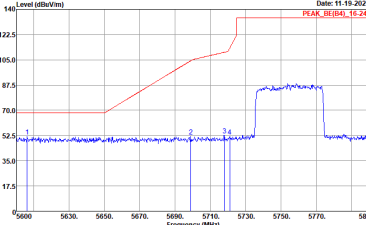
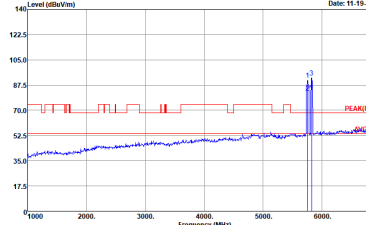
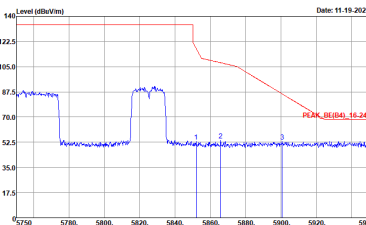
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

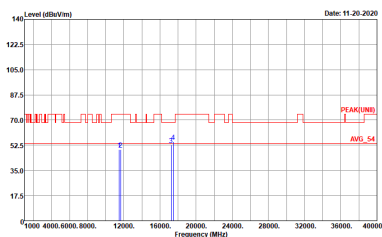
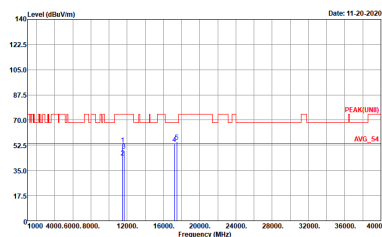
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNI) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

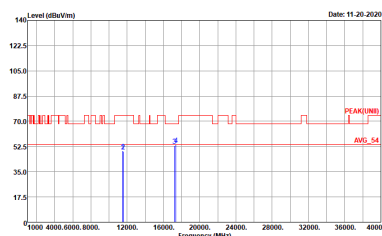
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter
	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	Left blank

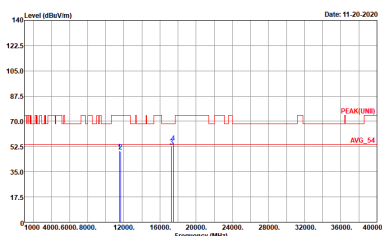
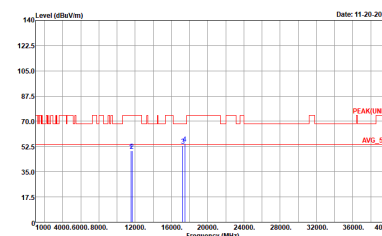
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(04)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(04)_16-24 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNI) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter
	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	Left blank

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

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter

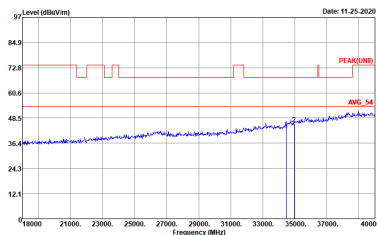
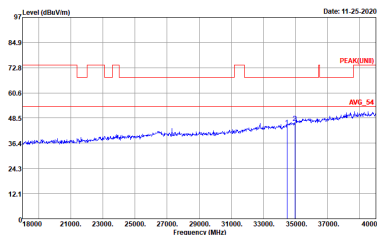
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S125F12022000002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S125F12022000002 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Setting : atten = 27 Plane : Y with Adapter

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S125F12022000002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S125F12022000002 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter

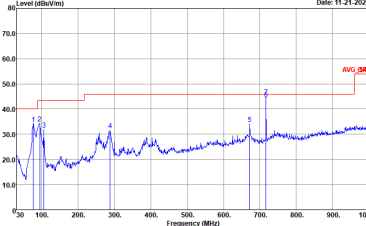
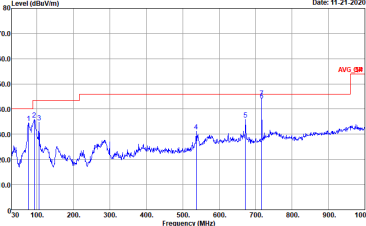


Emission above 18GHz

(SHF)

	5GHz	
ANT	SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UM) 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UM) 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter

Emission below 1GHz (LF)

	5GHz	
ANT	LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m BtLog 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter	 Site : 03CH02-CA Condition : QP 3m BtLog 6111D-LF_50392 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch149-11ac(20)_Tx_Ch165 Setting : atten = 27 Plane : Y with Adapter



Appendix E. Duty Cycle Plots

Duty cycle is 100% for all bandwidth and channel configurations.

